

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
FACULTY OF ARTS & SOCIAL SCIENCE			B.A.ADDITIONAL (MUSIC)			B.A.ADDITIONAL (YOGASHASTRA)		
B.A.ADDITIONAL (CO-OPERATION)			3	Paper-III B.A.Part-III(Music(Indian))	MUC	1	Paper-I B.A.Part-I(Yogashastra)	YGA
1	Paper-I B.A.Part-I(Co-Operation)	COA	B.A.ADDITIONAL (PALI & PRAKRIT LITERATURE)			2	Paper-II B.A.Part-II(Yogashastra)	YGB
2	Paper-II B.A.Part-II(Co-Operation)	COB	1	Paper-I B.A.Part-I(Pali & Prakrit Literature)	PPA	3	Paper-III B.A.Part-III(Yogashastra)	YGC
3	Paper-III B.A.Part-III(Co-Operation)	COC	2	Paper-II B.A.Part-II(Pali & Prakrit Literature)	PPB	B.A.ADDITIONAL(EARLY CHILDHOOD CARE & EDUCATION)		
B.A.ADDITIONAL (ECONOMICS)			3	Paper-III B.A.Part-III(Pali & Prakrit Literature)	PPC	1	Paper-I B.A.Part-I(Early Childhood Care & Edu.)	EAA
1	Paper-I B.A.Part-I(Economics)	ECA	B.A.ADDITIONAL (PERSIAN LITERATURE)			2	Paper-II B.A.Part-II(Early Childhood Care & Edu.)	EAB
2	Paper-II B.A.Part-II(Economics)	ECB	1	Paper-I B.A.Part-I(Persian Literature)	PLA	3	P-III B.A.-III(Org.&Mngt.Early Ch.hood Care&Edu.)	EAC
3	Paper-III B.A.Part-III(Economics)	ECC	2	Paper-II B.A.Part-II(Persian Literature)	PLB	B.A.PART-I		
B.A.ADDITIONAL (ENGLISH LITERATURE)			3	Paper-III B.A.Part-III(Persian Literature)	PLC	1	English	ENG
1	Paper-I B.A.Part-I(English Literature)	ELA	B.A.ADDITIONAL (PHILOSOPHY)			2	Hindi	HIN
2	Paper-II B.A.Part-II(English Literature)	ELB	1	Paper-I B.A.Part-I(Philosophy)	PIA	3	Marathi	MAR
3	Paper-III B.A.Part-III(English Literature)	ELC	2	Paper-II B.A.Part-II(Philosophy)	PIB	4	Pali & Prakrit	PAP
B.A.ADDITIONAL (GEOGRAPHY)			3	Paper-III B.A.Part-III(Philosophy)	PIC	5	Sanskrit	SNS
1	Paper-I B.A.Part-I(Geography)	GPA	B.A.ADDITIONAL (POLITICAL SCIENCE)			6	Supplementary English	SPE
2	Paper-II B.A.Part-II(Geography)	GPB	1	Paper-I B.A.Part-I(Political Science)	PSA	7	Urdu	URD
3	Paper-III B.A.Part-III(Geography)	GPC	2	Paper-II B.A.Part-II(Political Science)	PSB	8	Apparel & Textile Designing	ATD
B.A.ADDITIONAL (HINDI LITERATURE)			3	Paper-III B.A.Part-III(Political Science)	PSC	9	Community Development & Extension	CDE
1	Paper-I B.A.Part-I (Hindi Literature)	HLA	B.A.ADDITIONAL (PSYCHOLOGY)			10	Co-Operation	COP
2	Paper-II B.A.Part-II(Hindi Literature)	HLB	1	Paper-I B.A.Part-I(Psychology)	PYA	11	Dry Land Agriculture	DLA
3	Paper-III B.A.Part-III (Hindi Literature)	HLC	2	Paper-II B.A.Part-II(Psychology)	PYB	12	Early Childhood Care And Education	ECE
B.A.ADDITIONAL (HISTORY)			3	Paper-III B.A.Part-III(Psychology)	PYC	13	Economics	ECO
1	Paper-I B.A.Part-I(History)	HSA	B.A.ADDITIONAL (RASHTRA SANT TUKDOJI THOUGHTS)			14	English Literature	ELT
2	Paper-II B.A.Part-II(History)	HSB	1	Rashtra Sant Tukdoji Thought Paper-I	RSA	15	Foundation Of Library & Information Science	FLS
3	Paper-III B.A.Part-III(History)	HSC	2	Rashtra Sant Tukdoji Thought Paper-II	RSB	16	Functional English	FNE
B.A.ADDITIONAL (HOME ECONOMICS)			3	Rashtra Sant Tukdoji Thought Paper-III	RSC	17	Functional Hindi	FNH
1	Paper-I B.A.Part-I(Home Economics)	HOA	B.A.ADDITIONAL (SANSKRIT LITERATURE)			18	Food Technology	FOT
2	Paper-II B.A.Part-II(Home Economics)	HOB	1	Paper-I B.A.Part-I (Sanskrit Literature)	SLA	19	Geography	GOP
3	Paper-III B.A.Part-III(Home Economics)	HOC	2	Paper-II B.A.Part-II(Sanskrit Literature)	SLB	20	Home Economics	HEC
B.A.ADDITIONAL (MARATHI LITERATURE)			3	Paper-III B.A.Part-III(Sanskrit Literature)	SLC	21	History	HIS
1	Paper-I B.A.Part-I(Marathi Literature)	MLA	B.A.ADDITIONAL (SOCIOLOGY)			22	Hindi Literature	HLT
2	Paper-II B.A.Part-II(Marathi Literature)	MLB	1	Paper-I B.A.Part-I(Sociology)	SCA	23	Human Right	HRT
3	Paper-III B.A.Part-III(Marathi Literature)	MLC	2	Paper-II B.A.Part-II(Sociology)	SCB	24	Marathi Literature	MLT
B.A.ADDITIONAL (MATHEMATICS)			3	Paper-III B.A.Part-III(Sociology)	SCC	25	Mathematics	MTH
1	Paper-I B.A.Part-I(Mathematics)	MTA	B.A.ADDITIONAL (URDU LITERATURE)			26	Music	MUS
2	Paper-II B.A.Part-II(Mathematics)	MTB	1	Paper-I B.A.Part-I(Urdu Literature)	ULA	27	Public Administration	PAD
3	Paper-III B.A.Part-III(Mathematics)	MTC	2	Paper-II B.A.Part-II (Urdu Literature)	ULB	28	Philosophy	PHI
B.A.ADDITIONAL (MUSIC)			3	Paper-III B.A.Part-III (Urdu Literature)	ULC	29	Persian Literature	PLT
1	Paper-I B.A.Part-I(Music(Indian))	MUA	B.A.ADDITIONAL (YOGASHASTRA)			30	Political Science	POL
2	Paper-II B.A.Part-II(Music(Indian))	MUB				31	Pali & Prakrit Literature	PPT
						32	Psychology	PSY
						33	Rural Handicraft	RHC
						34	Rashtra Sant Tukdoji Thought	RST
						35	Rural Development	RUD
						36	Sanskrit Literature	SLT
						37	Sociology	SOC

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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B.A.PART-I

38	Statistics	STS
39	Urdu Literature	ULT
40	Yogashastra	YOG

B.A.PART-II

1	English	ENG
2	English ..	ESH
3	Hindi ..	HHS
4	Hindi	HIN
5	Marathi	MAR
6	Marathi ..	MSH
7	Pali & Prakrit	PAP
8	Sanskrit...	SHS
9	Sanskrit	SNS
10	Supplementary English	SPE
11	Urdu	URD
12	Apparel & Textile Designing	ATD
13	Community Development & Extension	CDE

14	Co-Operation	COP
15	Early Childhood Care And Education	ECE

16	Economics	ECO
17	English Literature	ELT
18	Foundation Of Library & Information Science	FLS

19	Functional English	FNE
20	Functional Hindi	FNH
21	Food Technology	FOT
22	Geography	GOP

23	Home Economics	HEC
24	History	HIS
25	Hindi Literature	HLT
26	Human Right	HRT

27	Marathi Literature	MLT
28	Mathematics	MTH
29	Music	MUS
30	Public Administration	PAD

31	Philosophy	PHI
32	Persian Literature	PLT
33	Political Science	POL
34	Pali & Prakrit Literature	PPT

35	Psychology	PSY
36	Rural Handicraft	RHC
37	Rshtra Sant Tukdoji Thought	RST
38	Rural Development	RUD

39	Sanskrit Literature	SLT
40	Sociology	SOC
41	Statistics	STS
42	Urdu Literature	ULT

43	Yogashastra	YOG
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B.A.PART-III

1	English	ENG
2	English ..	ESH
3	Hindi ..	HHS

B.A.PART-III

4	Hindi	HIN
5	Marathi	MAR
6	Marathi ..	MSH
7	Pali & Prakrit	PAP
8	Sanskrit...	SHS
9	Sanskrit	SNS
10	Supplementary English	SPE
11	Urdu	URD
12	Apparel & Textile Designing	ATD
13	Community Development & Extension	CDE

14	Co-Operation	COP
15	Early Childhood Care And Education	ECE

16	Economics	ECO
17	English Literature	ELT
18	Foundation Of Library & Information Science	FLS

19	Functional English	FNE
20	Functional Hindi	FNH
21	Food Technology	FOT
22	Geography	GOP

23	Home Economics	HEC
24	History	HIS
25	Hindi Literature	HLT
26	Human Right	HRT

27	Marathi Literature	MLT
28	Mathematics	MTH
29	Music	MUS
30	Public Administration	PAD

31	Philosophy	PHI
32	Persian Literature	PLT
33	Political Science	POL
34	Pali & Prakrit Literature	PPT

35	Psychology	PSY
36	Rural Handicraft	RHC
37	Rshtra Sant Tukdoji Thought	RST
38	Rural Development	RUD

39	Sanskrit Literature	SLT
40	Sociology	SOC
41	Statistics	STS
42	Urdu Literature	ULT

43	Yogashastra	YOG
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BACHELOR OF ARTS IN SOCIAL WORK FINAL

1	Sociology	ISS
2	Indian Economics	IEC
3	Social Welfare Adm.& Methods Of Social Inves.	SWA
4	Field Of Social Work Pap-II,Lab.Wel.,Correc.Serv.	FCS

5	Field Of Social Work Paper-III(Comm.Dev.&Wek.Sec.)	CDW
6	Field Work	FWK
7	General Viva-Voce	GVV

BACHELOR OF ARTS IN SOCIAL WORK PART-I

BACHELOR OF ARTS IN SOCIAL WORK PART-I

1	English	ENG
2	Hindi	HIN
3	Marathi	MAR
4	Sociology	SOC
5	Psychology	PSY
6	Element Of Social Work	ESW
7	Field Work	FWK

BACHELOR OF ARTS IN SOCIAL WORK PART-II

1	English	ENG
2	Hindi	HIN
3	Marathi	MAR
4	Sociology	SOC
5	Psychology Of Development Adjustment	PDA
6	Methods & Techniques Of Social Work	MTS
7	Field Of Social Work Pap-I,Medi.&Psy.Soc.,Fam.Chi.	FMW
8	Field Work	FWK

BACHELOR OF FINE ART FINAL YEAR (ANIMATION)

1	History Of Animation-II	1341
2	Visual Communication-II	1342
3	Project Work On Animation Specialization	1343
4	Dissertation	1344
5	Group Production For Internal Assessment	1345

BACHELOR OF FINE ART FIRST YEAR (ANIMATION)

1	History Of Animation-I	1311
2	Advertising Arts & Ideas-I	1312
3	Graphics Design-I (Pr)	1313
4	Graphics Design-I (Sessional)	1314
5	Illustration-I (Pr)	1315
6	Illustration-I (Sessional)	1316
7	Desktop Publishing (Pr)	1317
8	Desktop Publishing (Sessional)	1318
9	Sculpture (Pr)	1319
10	Sculpture (Sessional)	1320

BACHELOR OF FINE ART SECOND YEAR (ANIMATION)

1	2D Animation	1321
2	Advertising Art & Ideas-II	1322
3	Graphic Design-II(Pr)	1323
4	Graphic Design-II(Sessional)	1324
5	Advertising(Pr)	1325
6	Advertising(Sessional)	1326
7	Script Writing & Story Board Designing(Pr)	1327
8	Script Writing & Story Board Designing(Sessional)	1328
9	2D Animation(Pr)	1329
10	2D Animation(Sessional)	1330

BACHELOR OF FINE ART THIRD YEAR (ANIMATION)

1	3 D Animation	1331
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SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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BACHELOR OF FINE ART THIRD YEAR (ANIMATION)

2	Visual Communication-I	1332
3	Photography(Pr)	1333
4	Photography(Sessional)	1334
5	3 D Animation(Max./Maya)(Pr)	1335
6	3 D Animation(Max./Maya)(Sessional)	1336
7	Visual Effects(Pr)	1337
8	Visual Effects(Sessional)	1338
9	Digital Composting & Editing(Pr)	1339
10	Digital Composting & Editing(Sessional)	1340

BACHELOR OF JOURNALISM & MASS COMMUNICATION FINAL YEAR

1	Communication Research	351
2	Media Laws & Ethics	352
3	Media Management	353
4	Advertising: Concepts & Principles	354
5	International Communication	355
6	Advertising	356
7	Research Project	357

BACHELOR OF JOURNALISM & MASS COMMUNICATION FIRST YEAR

1	Principles Of Mass Communication	165
2	Public Relation & Event Management	166
3	Communication Technology	167
4	History & Industry Of Mass Communication	168
5	Language Journalism	169
6	Practical A- Pract-PR & EM	170
7	Practical A - Lab Newspaper (Int.Work)	171

BACHELOR OF JOURNALISM & MASS COMMUNICATION SECOND YEAR

1	Electronic Media	200
2	Print Media	201
3	Reporting & Editing	202
4	Communication Skills In Language	203
5	Development Communication	204
6	Practical - B -1.Reporting & Editing	205
7	Practical - B -2 Internship (Int.Work)	206

BACHELOR OF LIBRARY AND INFORMATION SCIENCE

1	Foundation Of Library & Information Science	FLIS
2	Library Management	LMNT
3	Knowledge Organization & Information Processing	KOIP
4	Advanced Computer Application In LIS	ACAL
5	Information Sources And Services	ISSR
6	Library Skill Development	LISD
7	Practical Test In Knowledge Organisation	PRAA

BACHELOR OF LIBRARY AND INFORMATION SCIENCE

8	Practical Test In Information Processing	PRAF
9	Pract. Test In Adv.Comp. App.in LIS&Related VV	PRAH
10	Viva-Voce In Information Sources And Services	PRAD
11	TermWork(Classi.,Cata.,Inf.Service,Biblio.)	PRAE

BACHELOR OF PERFORMING ARTS FINAL

1	English	ENG
2	English ..	ESH
3	Hindi ..	HHS
4	Hindi	HIN
5	Marathi	MAR
6	Marathi ..	MSH
7	Heritage Of Indian Arts & Culture	HAC
8	Music - Instrumental Sitar Paper-I	MIA
9	Dance Bharatnatyam Paper-I	DBA
10	Dance Kathak Paper-I	DKA
11	Dance Odissi Paper-I	DOA
12	Drama Paper-I	DRA
13	Music Instrumental Tabla Paper-I	MBA
14	Indian Music (Vocal & Instrumental) Paper-I	MVA
15	Dance Bharatnatyam Paper-II	DBB
16	Dance Kathak Paper-II	DKB
17	Dance Odissi Paper-II	DOB
18	Drama Paper-II	DRB
19	Music Instrumental Tabla Paper-II	MBB
20	Music - Instrumental Sitar Paper-II	MIB
21	Indian Music (Vocal & Instrumental) Paper-II	MVB
22	Practical-I Viva-Voce	VVE
23	Practical -II Stage Performance	STP

BACHELOR OF PERFORMING ARTS PART-I

1	English	ENG
2	English ..	ESH
3	Hindi ..	HHS
4	Hindi	HIN
5	Marathi	MAR
6	Marathi ..	MSH
7	Heritage Of Indian Arts & Culture	HAC
8	Dance Bharatnatyam Paper-I	DBA
9	Dance Kathak Paper-I	DKA
10	Dance Odissi Paper-I	DOA
11	Drama Paper-I	DRA
12	Music Instrumental Tabla Paper-I	MBA
13	Music - Instrumental Sitar Paper-I	MIA
14	Indian Music (Vocal & Instrumental) Paper-I	MVA
15	Dance Bharatnatyam Paper-II	DBB
16	Dance Kathak Paper-II	DKB

BACHELOR OF PERFORMING ARTS PART-I

17	Dance Odissi Paper-II	DOB
18	Drama Paper-II	DRB
19	Music Instrumental Tabla Paper-II	MBB
20	Music - Instrumental Sitar Paper-II	MIB
21	Indian Music (Vocal & Instrumental) Paper-II	MVB
22	Practical-I Viva-Voce	VVE
23	Practical -II Stage Performance	STP

BACHELOR OF PERFORMING ARTS PART-II

1	English	ENG
2	English ..	ESH
3	Hindi ..	HHS
4	Hindi	HIN
5	Marathi	MAR
6	Marathi ..	MSH
7	Heritage Of Indian Arts & Culture	HAC
8	Dance Bharatnatyam Paper-I	DBA
9	Dance Kathak Paper-I	DKA
10	Dance Odissi Paper-I	DOA
11	Drama Paper-I	DRA
12	Music Instrumental Tabla Paper-I	MBA
13	Music - Instrumental Sitar Paper-I	MIA
14	Indian Music (Vocal & Instrumental) Paper-I	MVA
15	Dance Bharatnatyam Paper-II	DBB
16	Dance Kathak Paper-II	DKB
17	Dance Odissi Paper-II	DOB
18	Drama Paper-II	DRB
19	Music Instrumental Tabla Paper-II	MBB
20	Music - Instrumental Sitar Paper-II	MIB
21	Indian Music (Vocal & Instrumental) Paper-II	MVB
22	Practical-I Viva-Voce	VVE
23	Practical -II Stage Performance	STP

BACHELOR OF SOCIAL WORK FINAL

1	Sociology	ISS
2	Indian Economics	IEC
3	Social Welfare Adm. & Methods Of Social Inves.	SWA
4	Field Of Social Work Paper-II, Lab. Wel., Correc. Serv.	FCS
5	Field Of Social Work Paper-III (Comm. Dev. & Wek. Sec.)	CDW
6	Field Work	FWK
7	General Viva-Voce	GVV

BACHELOR OF SOCIAL WORK PART-I

1	English	ENG
2	Marathi	MAR
3	Supplementary English	SPE
4	Sociology	SOC
5	Psychology	PSY

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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BACHELOR OF SOCIAL WORK PART-I

6	Element Of Social Work	ESW
7	Field Work	FWK

BACHELOR OF SOCIAL WORK PART-II

1	English	ENG
2	Hindi	HIN
3	Marathi	MAR
4	Pali & Prakrit	PAP
5	Sanskrit	SNS
6	Supplementary English	SPE
7	Sociology	SOC
8	Psychology Of Development Adjustment	PDA
9	Methods & Techniques Of Social Work	MTS
10	Field Of Social Work Pap-IMedi.&Psy.Soc.,Fam.Chi.	FMW
11	Field Work	FWK

CERTIFICATE COURSE IN LIBRARY SCIENCE

1	Library Organization	LBO
2	Library Management	LBM
3	Library Classification	LBC
4	Library Cataloguing	LBT
5	Information Service And Sources	ISS
6	Practical Test In Classification	PRC
7	Practical Test In Cataloguing	PRT
8	Term Work-Classifi.Cataloguing.Info.Serv.Tuto.Work	TWC
9	Viva-Voce	VVC

CERTIFICATE COURSE IN SOCIAL WORK PART-II

1	English	ENG
2	Marathi	MAR
3	Economics	ECO
4	Field Pap-IFamily&Child Wel.,Wel.of Hand.,Pub.Hlth	FCW
5	Field Pap-II Wel.ofBC,Trib.Wel.,Rural Wel.Adu.Edn.	BCW
6	Field Work	FWK

CERTIFICATE COURSE IN SOCIAL WORK PART-I

1	English	ENG
2	Marathi	MAR
3	Sociology	SOC
4	Psychology	PSY
5	Element Of Social Work	ESW
6	Field Work	FWK

M.A.PART-I (MARATHI)

1	Marathi Sahityatil Pravrutti Va Prawaha E.S.1960	MSP
2	MarathiVagmayachi Sanskriti Parashwa.(Prar.te1960)	MVS
3	Prachin Va Arwachin Gadya	PAG
4	Arwachin Kavita	ARK
5	Kadambari	KAD
6	Lok Sahitya	LOK

M.A.PART-I (MARATHI)

7	Natak	NTK
8	Sahityashastra	SAS

M.A.PART-I (MARATHI)(IMPROVEMENT OF DIVISION)

1	Marathi Sahityatil Pravrutti Va Prawaha E.S.1960	MSP
2	MarathiVagmayachi Sanskriti Parashwa.(Prar.te1960)	MVS
3	Prachin Va Arwachin Gadya	PAG
4	Arwachin Kavita	ARK
5	Kadambari	KAD
6	Lok Sahitya	LOK
7	Natak	NTK
8	Sahityashastra	SAS

M.A.PART-I(ECONOMICS)

1	Micro Economics Analysis	MEA
2	Macro Economics Analysis	MAE
3	Agricultural Economics	AGE
4	Economics Of Gender And Development	EGD
5	Quantitative Methods-I Economic Statistics	EMS
6	Economics And Law	ENL
7	Economics Of Infrastructure	EOI
8	Quantitative Methods-II Econometrics-I	ETS
9	History Of Economics Thought	HET
10	Industrial Economics	IDE
11	Public Economics	PBE
12	Welfare Economics	WLE

M.A.PART-I(ECONOMICS) (IMPROVEMENT OF DIVISION)

1	Micro Economics Analysis	MEA
2	Macro Economics Analysis	MAE
3	Public Economics	PBE
4	Industrial Economics	IDE
5	Agricultural Economics	AGE
6	Economics Of Gender And Development	EGD
7	Economics Of Infrastructure	EOI
8	Welfare Economics	WLE
9	Economics And Law	ENL
10	Quantitative Methods-I Economic Statistics	EMS
11	Quantitative Methods-II Econometrics-I	ETS
12	History Of Economics Thought	HET
13	Labour Economics	LEE

M.A.PART-I(ENGLISH)

1	1550-1660	ESA
2	1660-1798	ESB
3	1798 - 1914	ESC
4	1914 - 2000	ESD

M.A.PART-I(ENGLISH) (IMPROVEMENT OF DIVISION)

1	1550-1660	ESA
2	1660-1798	ESB

M.A.PART-I(ENGLISH) (IMPROVEMENT OF DIVISION)

3	1798 - 1914	ESC
4	1914 - 2000	ESD

M.A.PART-I(FUNCTIONAL ENGLISH)

1	Introduction To General Linguistics	IGL
2	General Phonetics	GPH
3	Basics Of Vocabulary & Grammar	BVG
4	Practical Applications	PTA

M.A.PART-I(GENDER AND WOMENS STUDIES)

1	Womens Studies-Concept&History	WSC
2	Caste,Class & Gender	CCN
3	Genter,Media & Culture	CCM
4	Women Health & Rights	WHR

M.A.PART-I(GEOGRAPHY)

1	Geomorphology And Oceanography	GAO
2	Climatology And Escosystem	CLE
3	RegionI Planning And Devel.Geography And Tourism	RPG
4	Practical-I	PRA
5	Practical-II	PRB

M.A.PART-I(HINDI)

1	Prachin Evam MadhyaKalin Kavya	PMK
2	Hindi Sahitya Ka Itihas	HSH
3	Kavyashastra Evam Sahitya Lochan	KKS
4	Vishesh Adhyayan(PremChand)	VAN

M.A.PART-I(HINDI) (IMPROVEMENT OF DIVISION)

1	Prachin Evam MadhyaKalin Kavya	PMK
2	Hindi Sahitya Ka Itihas	HSH
3	Kavyashastra Evam Sahitya Lochan	KKS
4	Vishesh Adhyayan(PremChand)	VAN

M.A.PART-I(HISTORY)

1	Historiography	HTG
2	History Of Ancient India	HAI
3	History Of Medieval India	HMV
4	Twentieth Century World	TCW

M.A.PART-I(HISTORY) (IMPROVEMENT OF DIVISION)

1	Historiography	HTG
2	History Of Ancient India	HAI
3	History Of Medieval India	HMV
4	Twentieth Century World	TCW

M.A.PART-I(HOME ECONOMICS)

1	Family Resource Management	FRM
2	Human Development	HUD
3	Textile Clothing And Fashion Designing	TEC
4	Research Methods & Computer Application In Hec.	RMS

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M.A.PART-I(HOME ECONOMICS) (IMPROVEMENT OF DIVISION)

1	Family Resource Management	FRM
2	Human Development	HUD
3	Textile Clothing And Fashion Designing	TEC
4	Research Methods & Computer Application In Hec.	RMS

M.A.PART-I(MUSIC)

1	Applied Theory & Musical Composition	ATM
2	Theory of Practice & Musical Composition	TPM
3	Science Of Music&Study Of Ancient Musical Lit.	MSL
4	Study Of Music Literature & Acoustics	SML
5	Practical-I	PRA
6	Practical-II Majlis Performance	MAP

M.A.PART-I(MUSIC) (IMPROVEMENT OF DIVISION)

1	Theory of Practice & Musical Composition	TPM
2	Science Of Music&Study Of Ancient Musical Lit.	MSL
3	Practical-I	PRA
4	Practical-II Majlis Performance	MAP

M.A.PART-I(PALI & PRAKRIT)

1	Suttapitaka Literature	SPL
2	Vinayapitaka Literature	VPL
3	Abhidhamma Literature	ADL
4	Pali Grammer & Literature	PGL

M.A.PART-I(PALI & PRAKRIT)(IMPROVEMENT OF DIVISION)

1	Suttapitaka Literature	SPL
2	Vinayapitaka Literature	VPL
3	Abhidhamma Literature	ADL
4	Pali Grammer & Literature	PGL

M.A.PART-I(PHILOSOPHY)

1	Contemporary Moral Philosophy	CPH
2	Philosophy of Mind	PHM
3	Basic Concepts In Political Philosophy	BPH
4	Epistemology(Indian)	EPL
5	History Of Western Philosophy	HWP

M.A.PART-I(PHILOSOPHY) (IMPROVEMENT OF DIVISION)

1	Contemporary Moral Philosophy	CPH
2	Philosophy of Mind	PHM
3	Basic Concepts In Political Philosophy	BPH
4	Epistemology(Indian)	EPL

M.A.PART-I(POLITICAL SCIENCE)

1	Modern Indian Political Thought	MPT
2	Indian Government & Politics	IGP
3	Public Administration	PAD
4	Theories Of International Relations	TIR

M.A.PART-I(POLITICAL SCIENCE) (IMPROVEMENT OF DIVISION)

1	Modern Indian Political Thought	MPT
2	Indian Government & Politics	IGP
3	Public Administration	PAD
4	Theories Of International Relations	TIR

M.A.PART-I(PSYCHOLOGY)

1	Advanced General Psychology	AGP
2	Statistical Method In Psychological Research	SMP
3	Research Methodology & Fundamental Of Testing	RFT
4	Theories Of Personality	TOP
5	Practical Test/Work	PRT

M.A.PART-I(PSYCHOLOGY) (IMPROVEMENT OF DIVISION)

1	Advanced General Psychology	AGP
2	Statistical Method In Psychological Research	SMP
3	Research Methodology & Fundamental Of Testing	RFT
4	Theories Of Personality	TOP
5	Practical Test/Work	PRT

M.A.PART-I(SANSKRIT)

1	Vedic Language & Literature	VLL
2	Vyakran Aani Bhashavidyan	VBV
3	Philosophy	DRS
4	Poetic And Acsthetics	SDS

M.A.PART-I(SANSKRIT) (IMPROVEMENT OF DIVISION)

1	Vedic Language & Literature	VLL
2	Vyakran Aani Bhashavidyan	VBV
3	Philosophy	DRS
4	Poetic And Acsthetics	SDS

M.A.PART-I(SOCIOLOGY)

1	Classical Sociological Tradition	CLT
2	Methodology Of Social Research	MSR
3	Perspectives On Indian Society	PIS
4	Rural And Urban Society In India	RUI
5	Social Movements In India	SMI
6	Sociology Of Religion	SOR

M.A.PART-I(SOCIOLOGY) (IMPROVEMENT OF DIVISION)

1	Classical Sociological Tradition	CLT
2	Methodology Of Social Research	MSR
3	Perspectives On Indian Society	PIS
4	Rural And Urban Society In India	RUI
5	Sociology Of Religion	SOR
6	Social Movements In India	SMI

M.A.PART-I(TRANSLATION HINDI)

1	Anuwad Vigyan	ASC
2	Strot Bhasha Evam Laksha Bhasha	SEB

M.A.PART-I(TRANSLATION HINDI)

3	Hindi Bhasha Tatha Sahitya Ka Swarup EvVikas	HBK
4	Bhash Shikshan	BSK
5	Prayojan Mulak Hindi	PMH

M.A.PART-I(URDU)

1	Classical Prose	CLP
2	Classical Poetry	CPO
3	History Of Urdu Language And Literature	HUL
4	Fiction And Drama	FAD

M.A.PART-I(URDU) (IMPROVEMENT OF DIVISION)

1	Classical Prose	CLP
2	Classical Poetry	CPO
3	History Of Urdu Language And Literature	HUL
4	Fiction And Drama	FAD

M.A.PART-I(YOGASHASTRA)

1	Fundamentals Of Yoga	FYO
2	Recent Trends In Yoga	TYO
3	Physiology Of Yogic Practices	PYO
4	Research Methodology	RYO
5	Prac-IYogic Practices&Pract-II Lab.Work	PRW

M.A.PART-II (FUNCTIONAL ENGLISH)

1	Applied Phonetics And Spoken English	APE
2	Skills Of Language Use	SLU
3	English Language Teaching	ELN
4	Practical Applications(Theory)	PRR
5	Practical Applications(Oral)	PRS
6	Practical Applications(Assignments)	PRU

M.A.PART-II (MARATHI)

1	Prachin Kavita	PRK
2	Annabhau Sathe	ABS
3	Bhalchandra Nemade	BCN
4	Jaywant Dalvi	DAL
5	Jyotirao Fule	JRF
6	Madhukar Keche	MKE
7	Shirwadkar	SHI
8	Sant Tukaram	TUK
9	Uddhao Shelke	UDS
10	Marathicha Bhasha Vyadnyanic Abhyas & Vyakran	MBV
11	Arwachin Marathi Vangmayacha Itithas	AMH
12	Bhashantarit Sahityacha Abhyas	BSA
13	Dissertation	DIS
14	Essay	EAS

M.A.PART-II (MARATHI)(IMPROVEMENT OF DIVISION)

1	Prachin Kavita	PRK
2	Annabhau Sathe	ABS
3	Bhalchandra Nemade	BCN

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**M.A.PART-II
(MARATHI)(IMPROVEMENT OF
DIVISION)**

4	Jaywant Dalvi	DAL
5	Jyotirao Fule	JRF
6	Madhukar Keche	MKE
7	Ram Ganesh Gadkari	RGG
8	Shirwadkar	SHI
9	Sant Tukaram	TUK
10	Uddhao Shelke	UDS
11	Marathicha Bhasha Vyadnyanic Abhyas & Vyakran	MBV
12	Arwachin Marathi Vangmayacha Itithas	AMH
13	Bhashantarit Sahityacha Abhyas	BSA
14	Dissertation	DIS
15	Essay	EAS

**M.A.PART-II
(MARATHI)(OLD)(IMPROVEMEN
T OF DIVISION)**

1	Prachin Kavita	PRK
2	Annabhau Sathe	ABS
3	Jaywant Dalvi	DAL
4	Jyotirao Fule	JRF
5	Madhukar Keche	MKE
6	Shirwadkar	SHI
7	Sant Tukaram	TUK
8	Marathicha Bhasha Vyadnyanic Abhyas & Vyakran	MBV
9	Arwachin Marathi Vangmayacha Itithas	AMH
10	Bhashantarit Sahityacha Abhyas	BSA
11	Dissertation	DIS
12	Essay	EAS

M.A.PART-II(ECONOMICS)

1	Economics Of Growth And Development	ERD
2	International Trade And Finance	ITF
3	Business Cycle	BIC
4	Computer Application In Economics Analysis	CEA
5	Demography	DEG
6	Econometrics-II	EMC
7	Economics Of Insurance	EOU
8	Economics Of Social Sector & Environment	ESE
9	Financial Institutions & Markets	FIM
10	History Of Modern Economics Analysis	HMA
11	Indian Economic Policy	IEF
12	Labour Economics	LEE
13	Mathematical Economics	MTE

**M.A.PART-II(ECONOMICS)
(IMPROVEMENT OF DIVISION)**

1	Economics Of Growth And Development	ERD
2	International Trade And Finance	ITF
3	Indian Economic Policy	IEF

**M.A.PART-II(ECONOMICS)
(IMPROVEMENT OF DIVISION)**

4	Economics Of Social Sector & Environment	ESE
5	Labour Economics	LEE
6	Mathematical Economics	MTE
7	Econometrics-II	EMC
8	Demography	DEG
9	Financial Institutions & Markets	FIM
10	Computer Application In Economics Analysis	CEA
11	History Of Modern Economics Analysis	HMA
12	Economics Of Insurance	EOU
13	Business Cycle	BIC

M.A.PART-II(ENGLISH)

1	Study Of A Genre:Drama	SGD
2	Study Of A Genre:Fiction	SGF
3	Critical Theory	CRT
4	American Literature	AML
5	History And Structure Of English Language	HSL
6	Colonial & Post Colonial Literature	CCL
7	Indian Writing In English	IWE

**M.A.PART-II(ENGLISH)
(IMPROVEMENT OF DIVISION)**

1	Study Of A Genre:Drama	SGD
2	Study Of A Genre:Fiction	SGF
3	Critical Theory	CRT
4	American Literature	AML
5	History And Structure Of English Language	HSL
6	Colonial & Post Colonial Literature	CCL
7	Indian Writing In English	IWE

**M.A.PART-II(GENDER AND
WOMENS STUDIES)**

1	State Ideology & Law	SYL
2	Gender & Development	NAD
3	Feminist Theories	FMT
4	Feminist Research Methodology	FCM

M.A.PART-II(GEOGRAPHY)

1	History Of Geographical Thoughts & Political Geop.	HGP
2	Geography Of Water Resources	GWR
3	Geography Of Agricultural	AGA
4	Geography Of Population	GEP
5	Practical-I	PRA
6	Practical-II	PRB

M.A.PART-II(HINDI)

1	Adhunik Kavya	ADK
2	Adhunik Gadya Sahitya	AGS
3	BhashaVidnyan Evam Hindi Bhasha	BHB
4	Dissertation	DIS
5	Essay	EAS

**M.A.PART-II(HINDI)
(IMPROVEMENT OF DIVISION)**

1	Adhunik Kavya	ADK
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**M.A.PART-II(HINDI)
(IMPROVEMENT OF DIVISION)**

2	Adhunik Gadya Sahitya	AGS
3	BhashaVidnyan Evam Hindi Bhasha	BHB
4	Dissertation	DIS
5	Essay	EAS

M.A.PART-II(HISTORY)

1	History Of Modern India	HMI
2	History Of The Maratha	HMF
3	Women In Indian History	WMH
4	Hisotry Of Ideas	HSI
5	History Of Soci.Move.&Reformers In Maha(1848-1980)	HSM
6	State In India	HSS

**M.A.PART-II(HISTORY)
(IMPROVEMENT OF DIVISION)**

1	History Of Modern India	HMI
2	History Of The Maratha	HMF
3	Women In Indian History	WMH
4	Hisotry Of Ideas	HSI
5	State In India	HSS
6	History Of Soci.Move.&Reformers In Maha(1848-1980)	HSM

**M.A.PART-II(HOME
ECONOMICS)**

1	Consumer Economics & Marketing	COE
2	Food Science & Food Service Management	FSN
3	Dissertation	DSS
4	Extension , Education & Communication	EEC
5	Housing and Home Management	HHM
6	Marriage and Family Relationship	MFR

**M.A.PART-II(HOME
ECONOMICS) (IMPROVEMENT
OF DIVISION)**

1	Consumer Economics & Marketing	COE
2	Food Science & Food Service Management	FSN
3	Extension , Education & Communication	EEC
4	Housing and Home Management	HHM
5	Marriage and Family Relationship	MFR
6	Dissertation	DSS

M.A.PART-II(MUSIC)

1	Practical And Musical Composition	PMC
2	Theory Of Practical & Musical Composition	TPC
3	Aesthetics , Essay & Research Methodology	AEM
4	Asthetics Of Indian Music,History&Resear.Method	ARM
5	Practical-I	PRA
6	Practical Indian Music	PRD
7	Practical-II Majlis Performance	MAP

**M.A.PART-II(MUSIC)
(IMPROVEMENT OF DIVISION)**

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**M.A.PART-II(MUSIC)
(IMPROVEMENT OF DIVISION)**

1	Practical And Musical Composition	PMC
2	Asthetics Of Indian Music,History&Resear.Method	ARM
3	Practical Indian Music	PRD
4	Practical-II Majlis Performance	MAP

M.A.PART-II(PALI & PRAKRIT)

1	Pali Poetry	PPO
2	Pali Prose	PPR
3	Pali Inscriptions And Pali Essays	PIP
4	History Of Pali Literature,Culture And Philosophy	HCP

M.A.PART-II(PALI & PRAKRIT)(IMPROVEMENT OF DIVISION)

1	Pali Poetry	PPO
2	Pali Prose	PPR
3	Pali Inscriptions And Pali Essays	PIP
4	History Of Pali Literature,Culture And Philosophy	HCP

M.A.PART-II(PHILOSOPHY)

1	Analytical Philosophy	ATP
2	Phenomenology And Existentialism	PAE
3	Advanced Symbolic Logic	ASO
4	Intensive Study Of Text	ISX

**M.A.PART-II(PHILOSOPHY)
(IMPROVEMENT OF DIVISION)**

1	Analytical Philosophy	ATP
2	Phenomenology And Existentialism	PAE
3	Advanced Symbolic Logic	ASO
4	Intensive Study Of Text	ISX

M.A.PART-II(POLITICAL SCIENCE)

1	Western Political Theory And Thought	WPT
2	Research Methodology	RMD
3	Political Sociology	POS
4	Theory And Practice Of Diplomacy	TPD
5	International Law and International Organisation	ILO
6	Political Anthropology	POA

M.A.PART-II(POLITICAL SCIENCE) (IMPROVEMENT OF DIVISION)

1	Western Political Theory And Thought	WPT
2	Research Methodology	RMD
3	Political Sociology	POS
4	Theory And Practice Of Diplomacy	TPD
5	International Law and International Organisation	ILO
6	Political Anthropology	POA

M.A.PART-II(PSYCHOLOGY)

1	Abnormal Psychology	ALP
2	Psycho Diagnostics	PDS

M.A.PART-II(PSYCHOLOGY)

3	Psycho Therapeatics	PTS
4	Psychology Of Crime And Delinquency	PCE
5	Practical Test/Work	PRT

**M.A.PART-II(PSYCHOLOGY)
(IMPROVEMENT OF DIVISION)**

1	Psycho Diagnostics	PDS
2	Abnormal Psychology	ALP
3	Psycho Therapeatics	PTS
4	Psychology Of Crime And Delinquency	PCE
5	Practical Test/Work	PRT

M.A.PART-II(SANSKRIT)

1	Sahityashastra	SAS
2	Natyashastra & Natak	NAN
3	Gadya Ani Mahakavya	GMK
4	Sarvasadharan	SAR

**M.A.PART-II(SANSKRIT)
(IMPROVEMENT OF DIVISION)**

1	Sahityashastra	SAS
2	Natyashastra & Natak	NAN
3	Gadya Ani Mahakavya	GMK
4	Sarvasadharan	SAR

M.A.PART-II(SOCIOLOGY)

1	Theoretical Perspectives In Sociology	TPS
2	Sociology Of Change And Development	SCD
3	Industry And Society In India	ISI
4	Political Sociology	PLS
5	Criminology	CRM
6	Dissertation/Research Essay	DSE
7	Gender And Society	GAS

**M.A.PART-II(SOCIOLOGY)
(IMPROVEMENT OF DIVISION)**

1	Theoretical Perspectives In Sociology	TPS
2	Sociology Of Change And Development	SCD
3	Industry And Society In India	ISI
4	Political Sociology	PLS
5	Criminology	CRM
6	Gender And Society	GAS
7	Rural And Urban Society In India	RUI
8	Dissertation/Research Essay	DSE

M.A.PART-II(TRANSLATION HINDI)

1	Anuwad Eyatihask Sandarbha	AES
2	Anuwad Vyawhar	EVR
3	Adhunik Hindi Sahitya Ka Pravrutti Mulak Bhasha.Par	AHP
4	Koshvigyan	KGN
5	Rajbhasha Prashikshan	RBP
6	Anuwad Pariyojana	APJ
7	Vinibandha Eva Mukhiki	VEM

M.A.PART-II(URDU)

1	Modern Prose And Poetry	MPP
2	Literacy Criticism In Urdu	LCU

M.A.PART-II(URDU)

3	Study Of One Special Author-Dr. Sir Mohd. Iqbal	SPS
4	An Essay On A Literary Subject	ELS

**M.A.PART-II(URDU)
(IMPROVEMENT OF DIVISION)**

1	Modern Prose And Poetry	MPP
2	Literacy Criticism In Urdu	LCU
3	Study Of One Special Author-Dr. Sir Mohd. Iqbal	SPS
4	An Essay On A Literary Subject	ELS

M.A.PART-II(YOGASHASTRA)

1	Applied Yoga	AYO
2	Philosophy Of Yoga	HYO
3	Alternative Therapies	LYO
4	Yoga Therapy Or Dissertation	DYO
5	Prac-IYogic Practices&Pract-II Lab.Work	PRY

M.SC.PART-I(HOME SCIENCE)(FAMILY RESOURCE MANAGEMENT)

1	Theory Of Management	701
2	Housing For Family Living	702
3	Consumer In The Market	703
4	Consumer Safety-Testing	704
5	Research Methods & Computer Application	705
6	Sessional/Seminar/Viva(Theor y Of Management)	706
7	Practical/Sessional(Housing For Family Living)	707
8	Sessional/Seminar/Viva(For Paper-III)	708
9	Practical/Sessional(Research Method&Computer Appl)	709

M.SC.PART-I(HOME SCIENCE)(FOOD SCIENCE & NUTRITION)

1	Food Science	901
2	Health & Nutrition Counselling	902
3	Applied Life Science	903
4	Food Processing & Technology-I	904
5	Research Method & Computer Application	905
6	Practical/Sessional(Food Science)	906
7	Practical/Sessional(Health&N utrition Counselling)	907
8	Practical/Sessional(For Paper-III)	908
9	Practical/Sess.(Research Methods & Computer Appl.)	909

M.SC.PART-I(HOME SCIENCE)(HOME SCI.EXTENSION & COMMUNICATION)

1	Indian Socioeconomic Enviro.&Community Organ.	851
2	Traing & Development	852
3	Extension Education Systems	853
4	Program Design & Development Communication	854
5	Gender And Development	855
6	Research Method & Computer Application	856
7	Sessional/Semi/Viva(India Socioeco. Env.&Commu.Org)	857

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M.SC.PART-I(HOME SCIENCE)(HOME SCI.EXTENSION & COMMUNICATION)		
8	Practical/Sessional(Training & Development)	858
9	Sessional/Seminar/Viva(For Paper-III)	859
10	Practical/Sess.(Research Methods & Computer Appl.)	860

M.SC.PART-I(HOME SCIENCE)(HUMAN DEVELOPMENT)		
1	Theories Of Human Devel.&Psychological Testing	801
2	Human Nutrition And Health	802
3	Advanced Child Development	803
4	Current Trends& Issues In Human Development	804
5	Research Methods & Computer Application	805
6	Sessional/Seminar/Viva(Th. Of Human Dev.&Psy.Test)	806
7	Practical/Sessional(Human Nutrition & Health)	807
8	Sessional/Seminar/Viva(For Paper-III)	808
9	Practical/Sess.(Research Methods & Computer Appl.)	809

M.SC.PART-I(HOME SCIENCE)(TEXTILE AND CLOTHING)		
1	Advanced Textile Design	751
2	Fashion & Appared Design-I	752
3	Textile Chemistry & Testing	753
4	Research Method & Computer Application	754
5	Practical/Sessional(Advanced Textile Design)	755
6	Practical/Sessional(Fashion & Apparel Design)	756
7	Practical(Textile Chemistry & Testing)	757
8	Practical/Sess.(Research Method & Computer Appl.)	758

M.SC.PART-II(HOME SCIENCE)(FAMILY RESOURCE MANAGEMENT)		
1	Household Equipment & Ergonomics	725
2	Family Meal Management	726
3	Entrepreneurship Management	727
4	Scientific Writing In Family Resource Management	728
5	Dissertation	729
6	Practical (Household Equipment & Ergonomics)	730
7	Practical(Family Meal Management)	731
8	Sessional/Seminar/Viva(For Paper-III)	732
9	Seminar/Viva(Diss)	733

M.SC.PART-II(HOME SCIENCE)(FOOD SCIENCE & NUTRITION)		
1	Advanced Nutrition & Biochemistry	925
2	Community Nutrition	926
3	Research Method In Food&Nutri.&Scientific Writing	927
4	Food Processing & Technology-II	928

M.SC.PART-II(HOME SCIENCE)(FOOD SCIENCE & NUTRITION)		
5	Dissertation	929
6	Practical(Advanced Nutrition&Biochemistry)	930
7	Practical/Sessional(Community Nutrition)	931
8	Sessional/Seminar/Viva(For Paper-III)	932
9	Seminar/Viva(Diss.)	933

M.SC.PART-II(HOME SCIENCE)(HOME SCI.EXTENSION & COMMUNICATION)		
1	Current Trends&Issues In Extension&Communication	875
2	Entrepreneurship And Project Management	876
3	Journalism And Scientific Writing	877
4	Media Planning,Production&Social Advertising	878
5	Management Of Human Service Organization	879
6	Dissertation	880
7	Sess/Sem/Viva(Current Trends&Issues In Ext&Comm.)	881
8	Practical/Sessional(Entrepreneurship&Proj.Mangnt.)	882
9	Practical/Sessional(For Paper-III)	883
10	Viva/Seminar(Diss.)	884

M.SC.PART-II(HOME SCIENCE)(HUMAN DEVELOPMENT)		
1	Early Childhood Education	825
2	Family Studies	826
3	Behaviour Problems,Child Guidance&Counselling	827
4	Scientific Writing	828
5	Dissertation	829
6	Sessional/Seminar/Viva(Early Childhood Edu.)	830
7	Sessional/Seminar/Viva(Family Studies)	831
8	Sessional/Seminar/Viva(For Paper-III)	832
9	Seminar/Viva(Diss.)	833

M.SC.PART-II(HOME SCIENCE)(TEXTILE AND CLOTHING)		
1	Historic Textile & Costumes	775
2	Fashion And Appared Design-II	776
3	Entrepreneurship Management	777
4	Dissertation	778
5	Sessional/Seminar/Viva(Historic Textile&Constume)	779
6	Practical(Fashion&Apparel Design-II)	780
7	Practical/Sessional(Entrepreneurship Management)	781
8	Seminar/Viva(Diss.)	782

M.SC.PART-II(HOME SCIENCE)(TEXTILE AND CLOTHING)(OLD)		
1	Historic Costumes & Textile	785
2	Fashion Technology-II	786

M.SC.PART-II(HOME SCIENCE)(TEXTILE AND CLOTHING)(OLD)		
3	Enterpreneurship Development In HSC(T&C)	787
4	Dissertation Seminar	788
5	Practical - Fashion Technology-II	789
6	Practical-Enter.Devp.in HSC (T&C)	790
7	Project Seminar -Fashion Technology-II	791
8	Project Seminar- Dissertation	792

MASTER OF JOURNALISM & MASS COMMUNICATION SEMESTER-I		
1	Print Media And Photo Journalism	194
2	Advertising Through Print Radio & TV	195
3	Operation & Handling Of Video Equipments	196
4	Practical-A Video/TV Documentary OR Short Film	197

MASTER OF JOURNALISM & MASS COMMUNICATION SEMESTER-II		
1	Advertising,Sales Promotion&Copy Writing	207
2	New Media Technologies	208
3	Corporate Communication	209
4	Practical B Development Of Ad Material	210

MASTER OF JOURNALISM & MASS COMMUNICATION SEMESTER-III		
1	New Fields Of Journalism	371
2	Video Editing	372
3	Govt.Information System	373
4	Pract-C - Video Journalism	374

MASTER OF JOURNALISM & MASS COMMUNICATION SEMESTER-III(BMC COURSE PASSED)		
1	New Fields Of Journalism	371
2	Video Editing	372
3	Govt.Information System	373
4	Pract-C - Video Journalism	374

MASTER OF JOURNALISM & MASS COMMUNICATION SEMESTER-IV		
1	Intercultural Communication	471
2	Media & Society	472
3	Radio & TV Journalism	473
4	Pract-D- Dissertation / Research Project	474

MASTER OF JOURNALISM & MASS COMMUNICATION SEMESTER-IV(BMC COURSE PASSED)		
1	Intercultural Communication	471
2	Media & Society	472
3	Radio & TV Journalism	473
4	Pract-D- Dissertation / Research Project	474

MASTER OF LIBRARY AND INFORMATION SCIENCE		
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SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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MASTER OF LIBRARY AND INFORMATION SCIENCE

1	Marketing Of Lib.&Inform.Services,Prod.&Mngt.Cons.	MLMC
2	Information & Communication	ICMM
3	Information Analysis,Repackaging & Consolidation	IARC
4	Library Networks & Digital Library	LNDL
5	Research Methods & Statistical Techniques	RMST
6	Agricultural Library&Information System	ALIS
7	Engineering & Technological Library&Info.Sys.	ETLS
8	Health Science Library & Information System	HSLS
9	Library Networks & Digital Library	PRBH
10	Project Work	PRBD
11	ViVa-Voce	PRBC

MASTER OF MASS COMMUNICATION SEMESTER-I

1	Radio	RDO
2	Television	TVN
3	Advertising	ADG
4	Public Relation Communication	PRM
5	Advanced Print Media	APM

MASTER OF MASS COMMUNICATION SEMESTER-I (IMPROVEMENT OF DIVISION)

1	Radio	RDO
2	Television	TVN
3	Advertising	ADG
4	Public Relation Communication	PRM
5	Advanced Print Media	APM

MASTER OF MASS COMMUNICATION SEMESTER-II

1	New Media Application	NMA
2	Inter Cultural Communication	ICM
3	Development Journalism & Communication	DJC
4	News Agencies Journalism	NAJ
5	Telecommunications& The New Information Technology	TCT
6	New Media Application	NMP
7	Dissertation/Project/Viva Voce	DPV

MASTER OF MASS COMMUNICATION SEMESTER-II (IMPROVEMENT OF DIVISION)

1	New Media Application	NMA
2	Inter Cultural Communication	ICM
3	News Agencies Journalism	NAJ
4	Development Journalism & Communication	DJC
5	Telecommunications& The New Information Technology	TCT
6	New Media Application	NMP
7	Dissertation/Project/Viva Voce	DPV

MASTER OF PHILOSOPHY (ECONOMICS)

1	Research Methodology & Statistical Techniques	1031
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MASTER OF PHILOSOPHY (ECONOMICS)

2	Advanced Course In Economics(Part-I&II)	1032
3	A)Study Of Stru.Agri.Eco.(B)Mgt.Pri.&Tech.	1033
4	Dissertation(Pass/Fail)	1022

MASTER OF PHILOSOPHY (ECONOMICS)(VACATIONAL)

1	Research Methodology & Statistical Techniques	1031
2	Advanced Course In Economics(Part-I&II)	1032
3	A)Study Of Stru.Agri.Eco.(B)Mgt.Pri.&Tech.	1033
4	Dissertation(Pass/Fail)	1022

MASTER OF PHILOSOPHY (ENGLISH)

1	Research Methodology	1043
2	Current Trends In The Subject	1044
3	Specialisation-T.S.Eliot	1045
4	Specialisation-D.H.Lawrence	1046
5	Specialisation-John Osborne	1049
6	Dissertation(Pass/Fail)	1022

MASTER OF PHILOSOPHY (ENGLISH) (VACATION)

1	Research Methodology	1043
2	Current Trends In The Subject	1044
3	Specialisation-T.S.Eliot	1045
4	Specialisation-D.H.Lawrence	1046
5	Specialisation-John Osborne	1049
6	Dissertation(Pass/Fail)	1022

MASTER OF PHILOSOPHY (GEOGRAPHY)

1	Research Methodology	1037
2	(A)Teach.&Eval.Tech.(B)Current Trend&Iss.High.Edn	1002
3	Recent Advances In Geography	1028
4	Dissertation(Pass/Fail)	1022

MASTER OF PHILOSOPHY (GEOGRAPHY) (VACATIONAL)

1	Research Methodology	1037
2	(A)Teach.&Eval.Tech.(B)Current Trend&Iss.High.Edn	1002
3	Recent Advances In Geography	1028
4	Dissertation(Pass/Fail)	1022

MASTER OF PHILOSOPHY (HINDI) (VACATIONAL)

1	Research Methodology	1037
2	Sathottari Hindi Sahitya Ki Navya Pravrutiya	1026
3	Vishesh Adhyayan (Kavya)	1027
4	Vishesh Adhyayan (Hindi Upnyas Sahitya)	1055
5	Dissertation(Pass/Fail)	1022

MASTER OF PHILOSOPHY (HISTORY)

1	Research Methodology	1037
2	Historiography (Part-I&II)	1029
3	Recent Advances In The Subject	1030

MASTER OF PHILOSOPHY (HISTORY)

4	Dissertation(Pass/Fail)	1022
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MASTER OF PHILOSOPHY (HISTORY) (VACATIONAL)

1	Research Methodology	1037
2	Historiography (Part-I&II)	1029
3	Recent Advances In The Subject	1030
4	Dissertation(Pass/Fail)	1022

MASTER OF PHILOSOPHY (MARATHI) (VACATIONAL)

1	Research Methodology	1037
2	Adhunik Marathi Sahityatil Pravrutti Va Pravah	1023
3	Swarajya Kalkhand: Prachin Sahitya	1024
4	Loksahitya	1025
5	Dissertation(Pass/Fail)	1022

MASTER OF PHILOSOPHY (PSYCHOLOGY)

1	Statistics & Research Method	1056
2	Contemporary Trends & Appro.Of Person.(Part-I&II)	1057
3	Counselling & Theirapies For Healthy Living	1058
4	Dissertation(Pass/Fail)	1022

MASTER OF PHILOSOPHY (SANSKRIT) (VACATIONAL)

1	Research Methodology	1037
2	Recent Trends In The Subject	1038
3	Specialisation	1039
4	Dissertation(Pass/Fail)	1022

MASTER OF PHILOSOPHY (SOCIOLOGY)(VACATIONAL)

1	Research Methodology	1037
2	(A)Soci.Of Moder.Indian Soci.(B)Teach.Tech.Eval.	1047
3	Contemporary Trends & Develop.In Soci.Theo.	1048
4	Dissertation(Pass/Fail)	1022

MASTER OF PHILOSOPHY (URDU)

1	Research Mehodology	1040
2	Literary History Of Urdu	1041
3	Study Of A Farm-I-Ghazal	1042
4	Study Of A Farm-II-Short Story	1050
5	Dissertation(Pass/Fail)	1022

MASTER OF PHILOSOPHY(MARATHI)

1	Research Methodology	1037
2	Adhunik Marathi Sahityatil Pravrutti Va Pravah	1023
3	Swarajya Kalkhand: Prachin Sahitya	1024
4	Loksahitya	1025
5	Dissertation(Pass/Fail)	1022

MASTER OF PHILOSOPHY(POLITICAL SCIENCE)

1	Research Methodology In Social Science	1034
2	Teaching And Evaluation Techniques(Part-I & II)	1035

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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MASTER OF PHILOSOPHY(POLITICAL SCIENCE)

3	Political Theory And Analysis	1036
4	Dissertation(Pass/Fail)	1022

MASTER OF PHILOSOPHY(POLITICAL SCIENCE)(VACATION)

1	Research Methodology In Social Science	1034
2	Teaching And Evaluation Techniques(Part-I & II)	1035
3	Political Theory And Analysis	1036
4	Dissertation(Pass/Fail)	1022

MASTER OF SOCIAL WORK PART-I

1	Sociology	BSC
2	Social Psychology For Social Workers	SPW
3	History,Philosophy& Fields Of Social Work	HPS
4	Social Cases Work & Social Group Work	SCW
5	Social Research & Statistics	SRS
6	Field Work	FWK

MASTER OF SOCIAL WORK PART-II

1	Community Organisation	CMO
2	Social Welfare Administration & Social Legislation	SAL
3	Labour Welfare & Labour Legislation	LWL
4	Rural Community Development	RCD
5	Personal Management	PMT
6	Tribal & Urban Community Development	TUC
7	Concurrent Field Work On Specialisation	CWD
8	Concurrent Field Work On Specialisation	CWE
9	ResearchProject Report And Viva-Voce	RPD
10	ResearchProject Report And Viva-Voce	RPE

MASTER OF SOCIAL WORK PART-II(IMPROVEMENT OF DIVISION)

1	Community Organisation	CMO
2	Social Welfare Administration & Social Legislation	SAL
3	Labour Welfare & Labour Legislation	LWL
4	Rural Community Development	RCD
5	Personal Management	PMT
6	Tribal & Urban Community Development	TUC
7	Concurrent Field Work On Specialisation	CWD
8	Concurrent Field Work On Specialisation	CWE
9	ResearchProject Report And Viva-Voce	RPD
10	ResearchProject Report And Viva-Voce	RPE

MASTER OF SOCIAL WORK(ADDITIONAL)

1	Labour Welfare & Labour Legislation	LWL
2	Rural Community Development	RCD

MASTER OF SOCIAL WORK(ADDITIONAL)

3	Personal Management	PMT
4	Tribal & Urban Community Development	TUC
5	Concurrent Field Work On Specialisation	CWD
6	Concurrent Field Work On Specialisation	CWE
7	ResearchProject Report And Viva-Voce	RPD
8	ResearchProject Report And Viva-Voce	RPE

P.G.DIPLOMA IN SOUND RECORDING SEMESTER-I (TWO YEARS COURSE)

1	Physics & Electronics Of Sound	1081
2	Introduction To Computers	1082
3	Music	1083

P.G.DIPLOMA IN SOUND RECORDING SEMESTER-II (TWO YEARS COURSE)

1	Studio Technology & Media	1084
2	Multimedia For Music	1085
3	Music	1083

P.G.DIPLOMA IN SOUND RECORDING SEMESTER-III (TWO YEARS COURSE)

1	Sound Recording & Reproduction	1086
2	Digital Recording & Editing Techniques	1087
3	Music	1083

P.G.DIPLOMA IN SOUND RECORDING SEMESTER-IV (TWO YEARS COURSE)

1	Project Work	1088
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SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FACULTY OF COMMERCE
B.COM.PART-I

1	English	ENG
2	Hindi	HIN
3	Marathi	MAR
4	Pali & Prakrit	PAP
5	Sanskrit	SNS
6	Supplementary English	SPE
7	Urdu	URD
8	Business Economics	BEC
9	Financial Accounting	FAC
10	Principles of Business Management	PBM
11	Computer Fundamentals And Operating System	CFS

B.COM.PART-II

1	English	ENG
2	Hindi	HIN
3	Marathi	MAR
4	Pali & Prakrit	PAP
5	Sanskrit	SNS
6	Supplementary English	SPE
7	Urdu	URD
8	Corporate Accounting	CAT
9	Business Mathematics And Statistics	BMS
10	Income Tax & Auditing	ITA
11	Money & Financial System	MFS
12	Information Technology & Business Data Processing	ITB

B.COM.PART-III

1	English	ENG
2	Hindi	HIN
3	Marathi	MAR
4	Pali & Prakrit	PAP
5	Sanskrit	SNS
6	Supplementary English	SPE
7	Urdu	URD
8	Cost & Management Accounting	CMA
9	Business Environment	BEM
10	Business Regulatory Framework & Company Law	BFC
11	Agricultural Management	AMT
12	Computer Programming With VB.Net&Oracle	CPB
13	ERP, MIS & DSS	ERP
14	Financial Management	FNM
15	Fundamentals Of Insurance	FOI
16	Internet And World Wide Web	IWW
17	Principles Of Marketing	POM
18	Business Accounting With Computer Application	BIA
19	Business With WWW	BWW
20	Co-Operative Management	CMT
21	Essentials Of E-Commerce	EOE
22	Financial Market Operations	FMO
23	Indian Banking System	IBS

B.COM.PART-III

24	International Marketing	IOM
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BACHELOR OF BUSINESS ADMINISTRATION PART-I

1	Principal Of Economics	PCEC
2	Commercial Law	CRLA
3	Business Communication	BSCM
4	Fundamentals Of Accounting	FNAC
5	Business Statistics	BSST
6	Principles Of Business Management	PBMN
7	Computer Fundamentals&Problems Solving-(GRADE)	CFPS
8	Business Mathematics-(GRADE)	BSMT

BACHELOR OF BUSINESS ADMINISTRATION PART-II

1	Management Accounting	MNAC
2	Marketing Management	MKMN
3	Personnel Management	PSMN
4	Cost Accounting	CSAC
5	Direct Tax Laws	DTLW
6	Auditing	AUDT
7	Entrepreneurship- (GRADE)	ENTR
8	Computer Application - (GRADE)	CPAS

BACHELOR OF BUSINESS ADMINISTRATION PART-III

1	Indian Economics	IDEC
2	Company Account	CMAC
3	Industrial Laws	IDLA
4	Company Management&Secretarial Practice	CMSP
5	Investment Management	IVMN
6	Sales & Advertising Management	SAMN
7	Economic And Other Legislations-(GRADE)	EOLS
8	Business Data Processing-(GRADE)	BDPS

DIPLOMA IN ACTUARIAL SCIENCE

1	Mathematical Foundation Of Actuarial Science	1751
2	Interest Theory , Economics & Finance	1752
3	Actuaries & Insurance	1753
4	Fashion Apparel Industries	1554

DIPLOMA IN BUSINESS MANAGEMENT

1	Principles Of Management	1741
2	Financial Management	1742
3	Marketing & Sales Management	1743
4	Office Management	1744
5	Industrial Relations & Labour Legislation	1745
6	Personnel Management	1746

DIPLOMA IN FINANCIAL MANAGEMENT

1	Management And Marketing Of Financial Services	1721
2	Cost Accounting	1722

DIPLOMA IN FINANCIAL MANAGEMENT

3	Management Accounting	1723
4	Investment , Taxplanning & Portfolio Management	1724

DIPLOMA IN FUNCTIONAL ENGLISH

1	Linguistics And Phonetics	1761
2	Communication Skill	1762
3	English Language Teaching	1763
4	Print & Audio Visual Media	1764

DIPLOMA IN MARKETING MANAGEMENT

1	Principles Of Marketing	1731
2	Marketing Research And Planning	1732
3	Consumer Behaviour	1733
4	Advertising Management	1734
5	Marketing In Special Fields	1735
6	Sales And Distribution Management	1736

DIPLOMA IN TAXATION

1	Direct Taxes	1711
2	Indirect Taxes	1712
3	Business And Economic Laws	1713
4	Elements Of Commerce	1714

M.COM PART-I(IMPROVEMENT DIVISION)

1	Economics Policy & Planning	1411
2	Public Finance	1421
3	Economics Of Labour	1422
4	Taxation In India	1412
5	Cost Accounting	1413
6	Managment Accounting	1414

M.COM PART-II(IMPROVEMENT DIVISION)

1	Management Process	1417
2	Applied Statistics	1418
3	Human Factor In Managent	1419
4	Cost Accounting	1413
5	Managment Accounting	1414
6	Public Finance	1421
7	Financial Management	1423
8	Economics Of Labour	1422
9	Marketing Management	1420
10	Indian Statistics	1425

M.COM.-I ST SEMESTER (SEMESTER PATTERN) (IMPROVEMENT OF DIVISION) (NEW)

1	Managerial Economics	1101
2	Statistical Analysis	1102
3	Advanced Financial & Cost Accounting	1103
4	Banking & Insurance Services	1104

M.COM.-I ST SEMESTER (SEMESTER PATTERN) (IMPROVEMENT OF DIVISION) ..

1	Managerial Economics	1101
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SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**M.COM.-I ST SEMESTER
(SEMESTER PATTERN)
(IMPROVEMENT OF DIVISION) ..**

2	Statistical Analysis	1102
3	Advanced Financial & Cost Accounting	1103
4	Banking & Insurance Services	1104

M.COM.-I ST SEMESTER(SEMESTER PATTERN)(OLD)

1	Managerial Economics	MEC
2	Statistical Analysis	STA
3	Advanced Financial & Cost Accounting	AFC
4	Banking & Insurance Services	BIS

**M.COM.-II ND SEMESTER
(SEMESTER PATTERN)
(IMPROVEMENT OF DIVISION)
(NEW)**

1	Accounting For Managerial Decisions	1201
2	Corporate Tax Planning & Management	1202
3	Management Concept & Organisational Behaviour	1203
4	Computer Applications In Business	1204

**M.COM.-II ND SEMESTER
(SEMESTER PATTERN)
(IMPROVEMENT OF DIVISION) ..**

1	Accounting For Managerial Decisions	1201
2	Corporate Tax Planning & Management	1202
3	Management Concept & Organisational Behaviour	1203
4	Computer Applications In Business	1204

M.COM.-III RD SEMESTER(SEMESTER PATTERN) (IMPROVEMENT OF DIVISION) ..

1	Research Methodology	1301
2	Services Marketing & Customer Relationship Mangt.	1302
3	Strategic Management	1303
4	E-Commerce & Legal Security	1304

M.COM.III RD SEMESTER(SEMESTER PATTERN)(OLD)

1	Research Methodology	RML
2	Services Marketing & Customer Relationship Mangt.	SCM
3	Strategic Management	SMG
4	E-Commerce & Legal Security	ECT

M.COM.-IV TH SEMESTER(SEMESTER PATTERN) (IMPROVEMENT OF DIVISION) ..

1	Project Report & Viva-Voce	1401
2	Financial Institutions & Markets	1402
3	Advertising & Sales Management	1405
4	Project Planning & Control	1403
5	Marketing Research	1406
6	Security Analysis & Portfolio Management	1404
7	International Marketing	1407

M.COM.-IV TH SEMESTER(SEMESTER PATTERN)(OLD)

1	Project Report & Viva-Voce	PRV
2	Advertising & Sale Management	ADT
3	Financial Institutions & Markets	FIM
4	International Business Environment	IBE
5	Marketing Research	MRC
6	Project Planning & Control	PNC
7	Foreign Trade Policy Procedure & Documentation	FPD
8	International Marketing	IMT
9	Security Analysis & Portfolio Management	SPM

M.COM.PART-I

1	Economics Policy & Planning	EPP
2	Taxation in India	TXI
3	Cost Accounting	CSA
4	Economics of Labour	ECL
5	Financial Management	FNM
6	Human Factor in Management	HFM
7	Indian Statistics	IST
8	Management Accounting	MAC
9	Marketing Management	MMG
10	Public Finance	PBF

M.COM.PART-II

1	Management Process	MGP
2	Applied Statistics	AST
3	Cost Accounting	CSA
4	Economics of Labour	ECL
5	Financial Management	FNM
6	Human Factor in Management	HFM
7	Indian Statistics	IST
8	Management Accounting	MAC
9	Marketing Management	MMG
10	Public Finance	PBF

M.COM-II ND SEMESTER(SEMESTER PATTERN)(OLD)

1	Accounting For Managerial Decisions	ACD
2	Corporate Tax Planning & Management	CTM
3	Management Concept & Organisational Behaviour	MOB
4	Computer Applications In Business	CBA

MASTER OF BUSINESS ADMINISTRATION PART-I

1	Principles And Practice Of Management	PPMN
2	Personnel Management & Industrial Relations	PMIR
3	Financial Management	FNMN
4	Marketing Management	MKMN
5	Production Management	PRMN
6	Managerial Economics	MNEC
7	Quantitative Techniques For Management(GRADE)	QNMN
8	Research & Communication Methods(GRADE)	RCMT

**MASTER OF BUSINESS ADMINISTRATION PART-I
(IMPROVEMENT DIVISION)**

1	Principles Of Management	PIMN
2	Principles And Practice Of Management	PPMN
3	Personnel Management & Industrial Relations	PMIR
4	Financial Management	FNMN
5	Marketing Management	MKMN
6	Production Management	PRMN
7	Managerial Economics	MNEC
8	Quantitative Techniques For Management(GRADE)	QNMN
9	Research & Communication Methods(GRADE)	RCMT

**MASTER OF BUSINESS ADMINISTRATION PART-II
(IMPROVEMENT DIVISION)**

1	Project Management	PCMN
2	Business & Industrial Law	BUIL
3	Organisational Behaviour	ORBE
4	Marketing Management-I	MAMN
5	Financial Planning & Policy	FNPP
6	Marketing Planning & Control	MAPC
7	Marketing Management-II	MARMN
8	Advertising & Sales Management	ADSM
9	Cost System & Mngt.Accounting	CSMA
10	Econometrics , System(Mngt.&EDP)(Grade)	ECSM
11	Consumer Behavior & Marketing Research	CBMR
12	Dissertation - (GRADE)	DSTA
13	Investment Analysis & Financial Institution	IAFI
14	Systems Mngt & Electronic Data Processing-(GRADE)	SMED
15	Dissertation & Viva-Voce-(GRADE)	DSVV

MASTER OF BUSINESS ADMINISTRATION SEMESTER-I

1	Management Process&Organisational Behaviour	MPOB
2	Managerial Economics	MNEC
3	Environment & Management	ENMN
4	Managerial Skill Development	MNSD
5	Indian Ethos And Value	IEAV
6	Accounting For Managers	ACMN
7	Quantitative Methods - (GRADE)	QTMT
8	Computer Applications In Management-(GRADE)	CAMN

MASTER OF BUSINESS ADMINISTRATION SEMESTER-I (CBS)

1	Principles & Practice Of Management	1101
2	Managerial Economics	1102
3	Managerial Skill Development	1103
4	Accounting For Managers	1104
5	Organisation Behavior & Effectiveness	1105
6	Business Ethics	1106
7	Management Information System	1107

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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MASTER OF BUSINESS ADMINISTRATION SEMESTER-I (CBS)

8	Quantitative Methods(Grade)	1108
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MASTER OF BUSINESS ADMINISTRATION SEMESTER-I (IMPROVEMENT DIVISION)

1	Principles And Practice Of Management	PPMN
2	Indian Economic Environment	IEEN
3	Production Management	PRMN
4	Human Resource Management	HRMN
5	Marketing Management	MKMN
6	Fundamental Of Financial Accounting	FFAC
7	Quantitative Techniques For Management(GRADE)	QNMN
8	Entrepreneurship Development-(GRADE)	ETDV

MASTER OF BUSINESS ADMINISTRATION SEMESTER-I (IMPROVEMENT DIVISION)(NEW)

1	Management Process&Organisational Behaviour	MPOB
2	Managerial Economics	MNEC
3	Environment & Management	ENMN
4	Managerial Skill Development	MNSD
5	Indian Ethos And Value	IEAV
6	Accounting For Managers	ACMN
7	Quantitative Methods - (GRADE)	QTMT
8	Computer Applications In Management-(GRADE)	CAMN

MASTER OF BUSINESS ADMINISTRATION SEMESTER-I (DISTANCE EDUCATION)

1	Management Process&Organisational Behaviour	MPOB
2	Managerial Economics	MNEC
3	Environment & Management	ENMN
4	Managerial Skill Development	MNSD
5	Indian Ethos And Value	IEAV
6	Accounting For Managers	ACMN
7	Quantitative Methods - (GRADE)	QTMT
8	Computer Applications In Management-(GRADE)	CAMN

MASTER OF BUSINESS ADMINISTRATION SEMESTER-II

1	Organisation Effectiveness And Change	OREC
2	Research Methodology	REMT
3	Human Resource Management	HRMN
4	Financial Management	FNMN
5	Marketing Management	MKMN
6	Production & Operations Management	POMN
7	Management Science-(GRADE)	MNSC
8	International Environment And Management-(GRADE)	IEMN

MASTER OF BUSINESS ADMINISTRATION SEMESTER-II (CBS)

1	Financial Decision Analysis	FNDA
2	International Marketing	INMK

MASTER OF BUSINESS ADMINISTRATION SEMESTER-II (CBS)

1	Business Environment	1121
2	Research Methodology	1122
3	Human Resource Management	1123
4	Financial Management	1124
5	Marketing Management	1125
6	Production & Operations Management	1126
7	Logistics Management	1127
8	Management Science(Grade)	1128

MASTER OF BUSINESS ADMINISTRATION SEMESTER-II (IMPROVEMENT DIVISION)

1	Research Methodology For Mngt.Decisions	RMMD
2	Project Management	PCMN
3	Managerial Economics	MNEC
4	Organisational Behaviour	ORBE
5	Labour Lagislation & Industrial Relations	LLIR
6	Financial Management	FNMN
7	Computer Applications In Management-(GRADE)	CAMN
8	Communication Skill-(GRADE)	COMS

MASTER OF BUSINESS ADMINISTRATION SEMESTER-II (IMPROVEMENT DIVISION)(NEW)

1	Organisation Effectiveness And Change	OREC
2	Management Science	MNSA
3	Research Methodology	REMT
4	Human Resource Management	HRMN
5	Financial Management	FNMN
6	Marketing Management	MKMN
7	Production & Operations Management	POMN
8	Management Science-(GRADE)	MNSC
9	Research Methodology-(GRADE)	RSMT
10	International Environment And Management-(GRADE)	IEMN

MASTER OF BUSINESS ADMINISTRATION SEMESTER-II (DISTANCE EDUCATION)

1	Organisation Effectiveness And Change	OREC
2	Research Methodology	REMT
3	Human Resource Management	HRMN
4	Financial Management	FNMN
5	Marketing Management	MKMN
6	Production & Operations Management	POMN
7	Management Science-(GRADE)	MNSC
8	International Environment And Management-(GRADE)	IEMN

MASTER OF BUSINESS ADMINISTRATION SEMESTER-III

1	Financial Decision Analysis	FNDA
2	International Marketing	INMK

MASTER OF BUSINESS ADMINISTRATION SEMESTER-III

3	Management Of Industrial Relations	MNIR
4	Purchasing And Material Management	PMMN
5	Legal Framework Governing Human Relations	LFHR
6	Production Planning & Control	PPCT
7	Security Analysis And Investment Management	SAIM
8	Sales And Distribution Management	SDMN
9	Consumer Behaviour	COBH
10	Compensation Management	COMN
11	Project Management	PCMN
12	Portfolio Management	PTMN
13	Advertising Management	ADMN
14	International Financial Management	INFM
15	Managing Interpersonal And Group Processes	MIGP
16	Service Operations Management	SOMN
17	Brand Management	BRMN
18	Financial Derivatives	FNDE
19	Organisational Change And Intervention Strategies	OCIS
20	World Class Manufacturing	WCMC
21	Goal Programming In Management	GPMN
22	Human Resource Development : Strategies And System	HRDS
23	Marketing Of Services	MKSR
24	Working Capital Management	WCMN
25	Decision Support Sys.&Magt.Infor.Sys(GRADE)	DSMS

MASTER OF BUSINESS ADMINISTRATION SEMESTER-III (CBS)

1	Business Law	1131
2	Indian Financial System	1132
3	International Marketing Strategy	1142
4	Management Of Industrial Relations	1152
5	Purchasing & Materials Management	1162
6	Brand Promotion & Marketing In Pharma. Indus.	1172
7	Fundamentals Of Management Of Sports	1182
8	Banking System	1133
9	Sales & Distribution Management	1143
10	Human Relation & Legal Frame Work	1153
11	Production Planning & Control	1163
12	Customer Behaviour In Pharma.Industry	1173
13	Human Resource Management For Sports	1183
14	Working Capital Management	1134
15	Consumer Behaviour	1144
16	Compensation Management	1154
17	Ergonomics	1164
18	Production Management In Pharma.Industry	1174
19	Sports Marketing	1184

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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MASTER OF BUSINESS ADMINISTRATION SEMESTER-III (CBS)

20	International Financial Management	1135
21	Advertising Management	1145
22	Human Resource Development	1155
23	World Class Manufacturing	1165
24	Material Management In Pharma.Industry	1175
25	Financial Management & Economics For Sports	1185
26	Investment Science	1136
27	Brand Management	1146
28	Management Of Training & Development	1156
29	Principles & Practices Of Safety Management	1166
30	Sales & Distribution Management In Pharma.Indus.	1176
31	Sports Facility Management	1186
32	Risk Management	1137
33	Agro Business Marketing	1147
34	Performance Management	1157
35	Costing For Production	1167
36	Pharmaceutical Regulatory Environment	1177
37	Sports Media Management	1187

MASTER OF BUSINESS ADMINISTRATION SEMESTER-III (IMPROVEMENT DIV.)...

1	Management Of Information System	MNIS
2	Business Law	BULA
3	Corporate & Strategic Management	CSMN
4	Product & Advertising Management	PAMN
5	Sales Management	SLMN
6	Marketing Research	MKRS
7	Business Statistics	BSST

MASTER OF BUSINESS ADMINISTRATION SEMESTER-III (IMPROVEMENT DIVISION)

1	Management Of Information System	MNIS
2	Business Law	BULA
3	Corporate & Strategic Management	CSMN
4	Product & Advertising Management	PAMN
5	Security Analysis Portfolio Management	SAPM
6	Cost & Management Accounting	CAMA
7	Sales Management	SLMN
8	Capital Investment & Financial Decisions	CIFD
9	Marketing Research	MKRS
10	Business Statistics	BSST

MASTER OF BUSINESS ADMINISTRATION SEMESTER-III (IMPROVEMENT DIVISION)(NEW)

1	International Marketing	INMK
2	Sales And Distribution Management	SDMN

MASTER OF BUSINESS ADMINISTRATION SEMESTER-III (IMPROVEMENT DIVISION)(NEW)

3	Consumer Behaviour	COBH
4	Sales Promotion Management	SPMN
5	Advertising Management	ADMN
6	Marketing For Non Profit Organisation	MNPO
7	Brand Management	BRMN
8	Marketing Of Services	MKSR
9	Marketing Of Social Services	MRSS
10	Decision Support Sys.&Magt.Infor.Sys(GRADE)	DSMS

MASTER OF BUSINESS ADMINISTRATION SEMESTER-III(ABSORBED)

1	Managerial Skill Development	MNSD
2	Business Legislation	BULS
3	Indian Ethos And Value	IEAV
4	Managing Interpersonal And Group Processes	MIGP
5	Marketing For Non Profit Organisation	MNPO
6	Security Analysis And Investment Management	SAIM
7	Legal Framework Governing Human Relations	LFHR
8	Portfolio Management	PTMN
9	Sales And Distribution Management	SDMN
10	Consumer Behaviour	COBH
11	Compensation Management	COMN
12	Financial Decision Analysis	FNDA
13	Decision Support Sys.&Magt.Infor.Sys(GRADE)	DSMS

MASTER OF BUSINESS ADMINISTRATION SEMESTER-III(DISTANCE EDUCATION)

1	Financial Decision Analysis	FNDA
2	International Marketing	INMK
3	Management Of Industrial Relations	MNIR
4	Legal Framework Governing Human Relations	LFHR
5	Security Analysis And Investment Management	SAIM
6	Sales And Distribution Management	SDMN
7	Consumer Behaviour	COBH
8	Compensation Management	COMN
9	Portfolio Management	PTMN
10	Advertising Management	ADMN
11	International Financial Management	INFM
12	Managing Interpersonal And Group Processes	MIGP
13	Brand Management	BRMN
14	Financial Derivatives	FNDE
15	Organisational Change And Intervention Strategies	OCIS
16	Human Resource Development : Strategies And System	HRDS
17	Marketing Of Services	MKSR
18	Working Capital Management	WCMN

MASTER OF BUSINESS ADMINISTRATION SEMESTER-III(DISTANCE EDUCATION)

19	Decision Support Sys.&Magt.Infor.Sys(GRADE)	DSMS
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MASTER OF BUSINESS ADMINISTRATION SEMESTER-III(OLD)

1	Financial Decision Analysis	FNDA
2	International Marketing	INMK
3	Management Of Industrial Relations	MNIR
4	Purchasing And Material Management	PMMN
5	Manpower Development For Technological Change	MDTC
6	Production Planning & Control	PPCT
7	Security Analysis And Investment Management	SAIM
8	Sales And Distribution Management	SDMN
9	Consumer Behaviour	COBH
10	Compensation Management	COMN
11	Logistics Management	LSMN
12	Portfolio Management	PTMN
13	Advertising Management	ADMN
14	International Financial Management	INFM
15	Managing Interpersonal And Group Processes	MIGP
16	Service Operations Management	SOMN
17	Brand Management	BRMN
18	Financial Derivatives	FNDE
19	Organisational Change And Intervention Strategies	OCIS
20	World Class Manufacturing	WCMC
21	Goal Programming In Management	GPMN
22	Human Resource Development : Strategies And System	HRDS
23	Infrastructure Financing	INFN
24	Marketing Of Services	MKSR
25	Decision Support Sys.&Magt.Infor.Sys(GRADE)	DSMS

MASTER OF BUSINESS ADMINISTRATION SEMESTER-IV

1	Corporate Evaluation & Strategies Management	GESM
2	Business Legislation	BULS
3	Logistics Management	LSMN
4	Applied Operations Research	APOR
5	Manpower Development For Technological Change	MDTC
6	Management & Financial Services	MNFS
7	Sales Promotion Management	SPMN
8	International Financial Markets	IFMR
9	Marketing For Non Profit Organisation	MNPO
10	Management Training And Development	MTDV
11	Transportation Management	TPMN
12	Foreign Exchange Management	FEMN
13	Human Research Planning & Development	HRPD
14	Marketing Of Social Services	MRSS

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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MASTER OF BUSINESS ADMINISTRATION SEMESTER-IV

15	Total Quality Management	TQMN
16	Entrepreneurship Development-(GRADE)	ETDV
17	Project/Dissertation- (GRADE)	PRDS

MASTER OF BUSINESS ADMINISTRATION SEMESTER-IV (CBS)

1	Strategic Management	1431
2	Fanancial Decision Analysis	1432
3	Sales Promotion Management	1442
4	Human Behaviour At Work Place	1452
5	Service Operations Management	1462
6	Health Care Management & Administration	1472
7	Security Analysis & Portfolio Management	1433
8	Marketing Of Services	1443
9	Organizational Develp. & Intervention Strategies	1453
10	Applied Operations Research	1463
11	Human Resource Management For Health Care	1473
12	Financial Derivatives	1434
13	Marketing For Non-Profit Organi. & Social Service	1444
14	Management Of Group Process	1454
15	Transportation Management	1464
16	Management Of Clinical Services	1474
17	Management Of Financial Services	1435
18	Retail Marketing	1445
19	Corporate Leadership Management	1455
20	Total Quality Management	1465
21	Economics Of Health Care Management	1475
22	Foreign Exchange Market	1436
23	Rural Marketing	1446
24	Knowledge Management	1456
25	Industrial Health & Disaster Management	1466
26	Information Technology In Health Care	1476
27	Inssurance Management	1437
28	International Marketing Environment	1447
29	International HRM	1457
30	Project Management	1467
31	Hospital Support Services	1477
32	Dissertation (Grade)	1438

MASTER OF BUSINESS ADMINISTRATION SEMESTER-IV (IMPROVEMENT DIV.)...

1	Business & Government	BUGV
2	Corporate & Economic Legislation	CELN
3	Management Of New & Small Enterprises	MNSE
4	Marketing Of Services	MKSR
5	Consumer Behaviour	COBH
6	International Marketing	INMK

MASTER OF BUSINESS ADMINISTRATION SEMESTER-IV (IMPROVEMENT DIV.)...

7	Business Ethics-(GRADE)	BSET
8	Project/Dissertation- (GRADE)	PRDS

MASTER OF BUSINESS ADMINISTRATION SEMESTER-IV (IMPROVEMENT DIVISION)

1	Business & Government	BUGV
2	Corporate & Economic Legislation	CELN
3	Management Of New & Small Enterprises	MNSE
4	Marketing Of Services	MKSR
5	Management & Financial Services	MNFS
6	Consumer Behaviour	COBH
7	Working Capital Management	WCMN
8	International Financial Management	INFM
9	International Marketing	INMK
10	Business Ethics-(GRADE)	BSET
11	Project/Dissertation- (GRADE)	PRDS

MASTER OF BUSINESS ADMINISTRATION SEMESTER-IV (IMPROVEMENT DIVISION)(NEW)

1	Corporate Evaluation & Stratigies Management	CESM
2	Business Legislation	BULS
3	Logistics Management	LSMN
4	Legal Framework Governing Human Relations	LFHR
5	Manpower Development For Technological Change	MDTC
6	Management Training And Development	MTDV
7	Human Research Planning & Development	HRPD
8	Entrepreneurship Development-(GRADE)	ETDV
9	Project/Dissertation- (GRADE)	PRDS

MASTER OF BUSINESS ADMINISTRATION SEMESTER-IV (ABSORBED)

1	Corporate Evaluation & Stratigies Management	CESM
2	Business Legislation	BULS
3	Logistics Management	LSMN
4	Manpower Development For Technological Change	MDTC
5	Management & Financial Services	MNFS
6	Marketing Of Social Services	MRSS
7	Foreign Exchange Management	FEMN
8	Human Resource Development : Strategies And System	HRDS
9	Sales Promotion Management	SPMN
10	International Financial Management	INFM
11	International Marketing	INMK
12	Management Training And Development	MTDV
13	Entrepreneurship Development-(GRADE)	ETDV
14	Project/Dissertation- (GRADE)	PRDS

MASTER OF BUSINESS ADMINISTRATION SEMESTER-IV (DISTANCE EDUCATION)

1	Corporate Evaluation & Stratigies Management	CESM
2	Business Legislation	BULS
3	Logistics Management	LSMN
4	Applied Operations Research	APOR
5	Foreign Exchange Management	FEMN
6	Manpower Development For Technological Change	MDTC
7	Sales Promotion Management	SPMN
8	Management & Financial Services	MNFS
9	Marketing For Non Profit Organisation	MNPO
10	Management Training And Development	MTDV
11	Transportation Management	TPMN
12	Human Research Planning & Development	HRPD
13	International Financial Markets	IFMR
14	Marketing Of Social Services	MRSS
15	Total Quality Management	TQMN
16	Entrepreneurship Development-(GRADE)	ETDV
17	Project/Dissertation- (GRADE)	PRDS

MASTER OF BUSINESS ADMINISTRATION SEMESTER-IV (OLD)

1	Corporate Evaluation & Stratigies Management	CESM
2	Business Legislation	BULS
3	Logistics Management	LSMN
4	Applied Operations Research	APOR
5	Legal Framework Governing Human Relations	LFHR
6	Management & Financial Services	MNFS
7	Sales Promotion Management	SPMN
8	International Financial Markets	IFMR
9	Marketing For Non Profit Organisation	MNPO
10	Management Training And Development	MTDV
11	Transportation Management	TPMN
12	Human Research Planning & Development	HRPD
13	Marketing Of Social Services	MRSS
14	Total Quality Management	TQMN
15	Working Capital Management	WCMN
16	Entrepreneurship Development-(GRADE)	ETDV
17	Project/Dissertation- (GRADE)	PRDS

MASTER OF COMMERCE SEMESTER-I (NEW)

1	Managerial Economics	1101
2	Statistical Analysis	1102
3	Services Marketing & Customer Relationship Mangt.	1302
4	Advanced Financial & Cost Accounting	1103
5	Banking & Insurance Services	1104

MASTER OF COMMERCE SEMESTER-II (NEW)

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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MASTER OF COMMERCE SEMESTER-II (NEW)		
1	Accounting For Managerial Decisions	1201
2	Corporate Tax Planning & Management	1202
3	Strategic Management	1303
4	Management Concept & Organisational Behaviour	1203
5	Computer Applications In Business	1204

MASTER OF COMMERCE SEMESTER-III (NEW)		
1	Elements Of Co-Operation	1300
2	Research Methodology	1301
3	Statistical Analysis	1102
4	Services Marketing & Customer Relationship Mangt.	1302
5	Corporate Tax Planning & Management	1202
6	Strategic Management	1303
7	E-Commerce & Legal Security	1304

MASTER OF COMMERCE SEMESTER-IV (NEW)		
1	Project Report & Viva-Voce	1401
2	Financial Institutions & Markets	1402
3	Advertising & Sales Management	1405
4	International Business Environment	1408
5	Co-operative Management	1400
6	Project Planning & Control	1403
7	Marketing Research	1406
8	International Marketing	1409
9	Security Analysis & Porfolio Management	1404
10	International Marketing	1407
11	Foreign Trade Policy,Procedure & Documentation	1410

MASTER OF COMPUTER MANAGEMENT PART-I		
1	Computer Fundamentals & Operating System	CFOS
2	Office Automation & Programming	OAMN
3	System Analysis & Design	SADS
4	Object Oriented Programming	ORPR
5	Advanced Database Management System	ADMS
6	Computer Lab	CLAB

MASTER OF COMPUTER MANAGEMENT PART-I (IMPROVEMENT OF DIVISION)		
1	Computer Fundamentals & Operating System	CFOS
2	Office Automation & Programming	OAMN
3	System Analysis & Design	SADS
4	Object Oriented Programming	ORPR
5	Advanced Database Management System	ADMS
6	Computer Lab	CLAB

MASTER OF COMPUTER MANAGEMENT PART-II		
1	Principles Of Management & MIS	PMIS

MASTER OF COMPUTER MANAGEMENT PART-II		
2	Software Engineering	SFEN
3	JAVA Programming	JAVA
4	Information Technology	ITCH
5	Windows Programming	WIPR
6	Computer Lab	CLAB
7	Seminar / Project - (GRADE)	SEPR

MASTER OF COMPUTER MANAGEMENT PART-II (IMPROVEMENT OF DIVISION)		
1	Principles Of Management & MIS	PMIS
2	Software Engineering	SFEN
3	JAVA Programming	JAVA
4	Information Technology	ITCH
5	Windows Programming	WIPR
6	Computer Lab	CLAB
7	Seminar / Project - (GRADE)	SEPR

MASTER OF COMPUTER MANAGEMENT SEMESTER-I		
1	Computer Fundamental And Operating System	1111
2	Programming Methodology	1112
3	Object Oriented Programming	1113
4	Business Data Communication-I	1114
5	System Analysis And Design	1115
6	Computer Laboratory-I	1116

MASTER OF COMPUTER MANAGEMENT SEMESTER-II		
1	Principles Of Management	1121
2	Advance Database Management System	1122
3	Java Programming	1123
4	Software Engineering-I	1124
5	Operation Research Techniques	1125
6	Computer Laboratory-II	1126

MASTER OF COMPUTER MANAGEMENT SEMESTER-III		
1	Management Information System	1131
2	Advance Java Programming	1132
3	Visual Computing	1133
4	Business Data Communication-II	1134
5	Software Engineering-II	1135
6	Computer Laboratory-III	1136

MASTER OF COMPUTER MANAGEMENT SEMESTER-IV		
1	Internet Technology	1141
2	E-Commerce	1142
3	Elective (Data Ware Housing And Mining ERP)	1143
4	Computer Laboratory-IV	1144
5	Project/Seminar	1145

MASTER OF HUMAN RESOURCE DEVELOPMENT SEMESTER-I		
1	Principles & Practices Of Management	3111

MASTER OF HUMAN RESOURCE DEVELOPMENT SEMESTER-I		
2	Organizational Behaviour	3112
3	Managerial Skill Development	3113
4	Managerial Economics	3114
5	Business Ethics	3115
6	Quantitative Techniques	3116
7	Industrial Visit Short Tour(GRADE)	3117

MASTER OF HUMAN RESOURCE DEVELOPMENT SEMESTER-II		
1	Management Of Training & Development	3121
2	Industrial Psychology & Sociology	3122
3	Strategic &Human Resource Management	3123
4	Computer Appl. In Human Resource Management-I	3124
5	Business Legislations	3125
6	Research Methodology	3126
7	Industrial Visit Long Tour(GRADE)	3127

MASTER OF HUMAN RESOURCE DEVELOPMENT SEMESTER-III		
1	Functional Areas In Management-I	3131
2	Labour Legislations	3132
3	International Human Resource Management	3133
4	Knowledge Management	3134
5	Managemet Of Industrial Relations	3135
6	Computer Applications In Human Resource Mngt-II	3136

MASTER OF HUMAN RESOURCE DEVELOPMENT SEMESTER-IV		
1	Dynamics Of Human Resource Development	3141
2	Wage And Salary Administration	3142
3	Employees Empowerment	3143
4	Functional Areas In Management-II	3144
5	Corporate Planning & Strategy	3145
6	Human Resource Accounting & Audit	3146
7	Project(Grade)	3147

MASTER OF INDUSTRIAL RELATIONS & PERSONNEL MANAGEMENT PART-II		
1	Human Relation In Management	HUMN
2	Organisational Behaviour	ORBE
3	Wage Administration	WAAD
4	Labour Legislation & Policy	LAPO
5	Dissertation	DISA
6	Viva-Voce	VAVO

MASTER OF INDUSTRIAL RELATIONS & PERSONNEL MANAGEMENT SEMESTER-I		
1	Principles And Practice Of Management	PPMN
2	Personnel Management	PSMN

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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MASTER OF INDUSTRIAL RELATIONS & PERSONNEL MANAGEMENT SEMESTER-I

3	Human Resource Development-I	HRDA
4	Organisational Behaviour	ORBE
5	Managerial Communication	MNCM
6	Managerial Economics - (GRADE)	MNEO

MASTER OF INDUSTRIAL RELATIONS & PERSONNEL MANAGEMENT SEMESTER-II

1	Work Study And Job Evaluation	WSJE
2	Human Resource Development-II(Training Devpt.)	HRDT
3	Social Security & Labour Welfare	SSLW
4	Industrial Psychology & Sociology	IDPS
5	Strategic Management-(GRADE)	STMN
6	Computer Applications In Management-(GRADE)	CAMN

MASTER OF INDUSTRIAL RELATIONS & PERSONNEL MANAGEMENT SEMESTER-III

1	Industrial Relations	IDRT
2	Functional Areas Of Management	FAMN
3	Labour Lagislation-I	LBLS
4	Economics Of Labour	ECLB
5	Research Methodology-(GRADE)	RSMT

MASTER OF INDUSTRIAL RELATIONS & PERSONNEL MANAGEMENT SEMESTER-IV

1	Trade Unionism & Collective Bargaining	TUCB
2	Regulation Of Industrial Disputes	RIDP
3	Wage And Salary Administration	WSAD
4	Labour Legislation-2	LBLE
5	Corporate Planning - (GRADE)	COPN
6	Dissertation - (GRADE)	DSTA

MASTER OF PHILOSOPHY (COMMERCE)

1	Research Methodology	1001
2	(A)Teach.&Eval.Tech.(B)Current Trend&Iss.High.Edn	1002
3	Industrial Structure Of India	1003
4	Business Administration	1004
5	Taxation In India	1005
6	Cost Accounting	1006
7	Applied Statistics	1007
8	Money Markets & Foreign Exchange	1008
9	Corporation Finance	1009
10	Labour And Urban Problem	1010
11	Organisation Of Markets	1011
12	Economic Planning	1012
13	Rural Economics	1013
14	Co-Operation	1014
15	Transport	1015
16	Public Finance	1016

MASTER OF PHILOSOPHY (COMMERCE)

17	Modern Industrial& Commerical Devel.of Great Power	1017
18	Insurance	1018
19	Internation Trade	1019
20	Management Accounting	1020
21	Economics System And Welfare State	1021
22	Dissertation(Pass/Fail)	1022

P.G.DIPLOMA IN COMPUTER COMMERCIAL APPLICATIONS

1	Fundamentals Of Information Technology	7141
2	Introduction To Commercial Practices	7142
3	Programming Skills	7143
4	Software Packages	7144
5	Management Information System	7145
6	Computer Lab-I	7146
7	Computer Lab-II	7147
8	Project Work	7148

P.G.DIPLOMA IN COMPUTER MANAGEMENT SEMESTER-I

1	Principles Of Managment	7101
2	Computer Fundamentals & Operating System	7102
3	Object Oriented Programming	7103
4	Practical	7104

P.G.DIPLOMA IN COMPUTER MANAGEMENT SEMESTER-II

1	Management Information System	7201
2	Web Page Designing	7202
3	E-Commerce	7203
4	Practical	7204

POST GRADUATE DIPLOMA IN E - COMMERCE

1	Theory Paper-I	1146
2	Theory Paper-II	1147
3	Theory Paper-III	1148
4	Theory Paper-IV	1149

POST GRADUATE DIPLOMA IN PREVENTIVE ENVIROMENTAL MANAGEMENT SEMESTER-I

1	Sustainable Industrial Development	1151
2	Corporate Environmental Management	1152
3	Economics Of Environmental Management	1153
4	Products & Enviroment	1155
5	Energy & Resource Conservation	1154

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FACULTY OF EDUCATION

BACHELOR OF EDUCATION SEMESTER-I

1	PE101:Childhood&Growing Up	2111
2	PE102:Contemporary India&Education	2112
3	CP103:Language Across The Curriculum	2113
4	CP104:Understanding Disciplines&Subjects	2114
5	EPC105:Reading&Reflecting On Texts	2115
6	P106:Diagnosis&Enriching The Teaching Skills	2116
7	P107:Demo. Of Lesson Plans&Simulation Lesson	2117
8	P108:Psychological Experiments	2118
9	P109:School Engagement	2119

BACHELOR OF EDUCATION SEMESTER-II

1	PE201:Learning&Teaching	2211
2	PE202:Knowledge&Curriculum(Part-I)	2212
3	CP203-English-Pedagogy Of A School Subj.One P-I	2231
4	CP203-Marathi-Pedagogy Of A School Subj.One P-I	2232
5	CP203-Hindi-Pedagogy Of A School Subj.One P-I	2233
6	CP203-Urdu-Pedagogy Of A School Subj.One P-I	2234
7	CP203-Biological Sci-Pedagogy Of SchoolSubj.OneP-I	2235
8	CP203-Maths-Pedagogy Of A School Subj.One P-I	2236
9	CP203-Commerce-Pedagogy Of A School Subj.One P-I	2237
10	CP204-PhysicalSc.Pedagogy Of A School Subj.Two P-I	2241
11	CP204-Economics-Pedagogy Of A School Subj.Two P-I	2242
12	CP204-Geography-Pedagogy Of A School Subj.Two P-I	2243
13	CP204-History-Pedagogy Of A School Subj.Two P-I	2244
14	CP205:Assessment For Learning	2215
15	EPC206:Drama&Art In Education	2216
16	P207:School Engagement	2217
17	P208:Internship	2218
18	P209:Workshop On Teaching Aid	2219
19	P210:SUPW/Work Experience	2220

BACHELOR OF EDUCATION SPECIAL EDUCATION (HEARING IMPAIRMENT)SEMESTER-I

1	A1:Human Growth&Development	2611
2	A2:Contemporary India&Education	2612
3	B7:Introduction To Sensory Disabilities	2613
4	B8:introduction To Neuro-Development Disabilities	2614
5	B9:Introduction To Locomotor&Multiple Disabilities	2615
6	C12:Assessment&IdentificationOfHearing Loss&Needs	2616
7	E1:Practical:Cross Disability &Inclusion	2617

BACHELOR OF EDUCATION SPECIAL EDUCATION (HEARING IMPAIRMENT)SEMESTER-II

1	A3:Learning,Teaching&Assessment	2621
2	A4-Pedagogy Of Teaching-Science	2661
3	A4-Pedagogy Of Teaching-Mathematics	2662
4	A4-Pedagogy Of Teaching-Social Science	2663
5	A5-Pedagogy Of Teaching-Hindi	2671
6	A5-Pedagogy Of Teaching-English	2672
7	A5-Pedagogy Of Teaching-Marathi	2673
8	B6:Inclusive Education	2624
9	C13:Curriculum Designing,Adaptation&Evaluation	2625
10	E2:Practical:Disability Specialization	2626

BACHELOR OF EDUCATION SPECIAL EDUCATION(HEARING IMPAIRMENT) SEMESTER-I

1	S1-Nature&Needs Of Various Disabilities-An Intro.	1601
2	S1-Education In India:AGlobal Perspective	1602
3	S1-Educational Psychology&PersonsWith Disabilities	1603
4	S1-Educational Plannin&Mngt.,Curri.Desig.&Research	1604
5	S1-Facilita.Dvlp.Lang.&Commu.Skills InChild WithHI	1605
6	S1-Audiology&Aural Rehabilitation	1606
7	S1-Intro.To Speech&Speech Teach,ToChildren With HI	1607
8	S1-Methodology&Contentets Of Language-Marathi	1611
9	S1-Methodology&Contentets Of Language-English	1612
10	S1-Methodology&Contentets Of Language-Hindi	1613
11	S1-Methodology&Contents Of Science	1614
12	S1-Methodology&Content Of Geography	1615
13	S1-Methodology&Content Of Mathematics	1616
14	S1-Methodology&Contents Of History	1617
15	S1-Part-2 Theory Internal Exam	1618
16	S1P3-Classroom Placem.&P4Capa.Build.of Tech.Tranee	1619
17	S1P5-Acad.Skill Devlp.&P6-Ext.PractExam(Univ.Lev.)	1620

BACHELOR OF EDUCATION SPECIAL EDUCATION(HEARING IMPAIRMENT) SEMESTER-II

1	S2-Nature&Needs Of Various Desabilities-An Intro.	1621
2	S2-Education In India:AGlobal Perspective	1622
3	S2-Educational Psychology&PersonsWith Disabilities	1623
4	S2-Educational Plannin&Mngt.,Curri.Desig.&Research	1624
5	S2-Facilita.Dvlp.Lang.&Commu.Skills InChild WithHE	1625

BACHELOR OF EDUCATION SPECIAL EDUCATION(HEARING IMPAIRMENT) SEMESTER-II

6	S2-Audiology&Aural Rehabilitation	1626
7	S2-Intro.To Speech&Speech Teach,ToChildren With HI	1627
8	S2-Methodology&Contentets Of Language-Marathi	1631
9	S2-Methodology&Contentets Of Language-English	1632
10	S2-Methodology&Contentets Of Language-Hindi	1633
11	S2-Methodology&Contents Of Science	1634
12	S2-Methodology&Contents Of Geography	1635
13	S2-Methodology&Contents Of Mathematics	1636
14	S2-Methodology&Contents Of History	1637
15	S2-Part-2 Theory Internal Exam	1638
16	S2P3-Classroom Placem.&P4Capa.Build.of Tech.Tranee	1639
17	S2P5-Acad.Skill Devlp.&P6-Ext.PractExam(Univ.Lev.)	1640

BACHELOR OF EDUCATION(OLD)

1	Teacher In Emerging Indian Society	TTA
2	Educational Psychology	TTB
3	Development Of Educational System In India	TTC
4	Essentials Of Educational Technology And Managt.	TTD
5	Biology	BIO
6	Commerce	COM
7	English	ENG
8	Hindi	HIN
9	Marathi	MAR
10	Mathematics	MTH
11	Sanskrit	SNS
12	Urdu	URD
13	Chemistry	CHE
14	Civics	CIV
15	Economics	ECO
16	Geography	GOP
17	History	HIS
18	Home Science	HSC
19	Physics	PHY
20	Alternative Education	ALE
21	Career Information In Career Guidance	CIG
22	Computer Education And Information Technology	CIT
23	Educational Administration And Management	EAM
24	Elementary Education	ELE
25	Educational And Mental Measurement	EMM
26	Environmental Education	ENV
27	Physical Education	PHE
28	Population Education	POE
29	Value Education And Human Rights	VED
30	Annual Lesson Examination	PRL

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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BACHELOR OF EDUCATION(OLD)

31	Field Based Experience Incl.Practice Teach	PRA
32	Internal Assessment	PRB

BACHELOR OF PHYSICAL EDUCATION (ONE YEAR DEGREE COURSE)(NEW)

1	Phil.Socio.Historic Recre.Basis OfPhy.Edu.&Sports	5551
2	Psychological Basis Of Phy.Edu.&Sports	5552
3	Management Of Phy.edu. & Statistics	5553
4	Anatomy,Physiology,Kinesiology,Biomech.&HealthEdu.	5554
5	Educational Methodology - Marathi	5555
6	Educational Methodology - Hindi	5556
7	Educational Methodology - English	5557
8	Educational Methodology - Mathematics	5558
9	Educational Methodology - Science	5559
10	Educational Methodology - History	5560
11	Educational Methodology - Geography	5561
12	Educational Methodology - Civics	5562
13	Educational Methodology - Sports Coaching	5563
14	Principles Of Officiating,Training&Coaching	5565
15	Part-II Skills	5566
16	Part-III Teaching Ability Or Practice Teaching	5567

BACHELOR OF PHYSICAL EDUCATION (ONE YEAR DEGREE COURSE)(OLD)

1	Phil.Sociological Found. &History Of Edu.&Phy.Edu.	3551
2	Education & Sports Psychology	3552
3	Org.,Admn.,Super.&Current Trends In Edu.&Phy.Edu.	3553
4	Anatomy,Physio.Of Exer.,Health Edu.&Kinesiology	3554
5	Educational Methodology - Marathi	3555
6	Educational Methodology - Hindi	3556
7	Educational Methodology - English	3557
8	Educational Methodology - Mathematics	3558
9	Educational Methodology - Science	3559
10	Educational Methodology - History	3560
11	Educational Methodology - Geography	3561
12	Educational Methodology - Civics	3562
13	Educational Methodology - Sports Coaching	3563
14	Officiating And Coaching	3565
15	Part-II Skills	3566
16	Part-III Teaching Ability Or Practice Teaching	3567

BACHELOR OF PHYSICAL EDUCATION PART-I

1	Elements Of Physical Education	3511
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BACHELOR OF PHYSICAL EDUCATION PART-I

2	General Science	3512
3	History	3513
4	Anatomy And Physiology	3514
5	Health, Hygiene And Sanitation	3515
6	Marathi	3516
7	Hindi	3517
8	English	3518
9	Part-II Skills(Major Games)(Indian&Foreign)	3520

BACHELOR OF PHYSICAL EDUCATION PART-I SEMESTER-I

1	Marathi	4511
2	Hindi	4512
3	English	4513
4	Foundations Of Physical Education	4514
5	Anatomy	4515
6	Fundamental Of Computer&it's Use In Phy.Edu.	4516
7	Part-II Major Games(Practical)	4517

BACHELOR OF PHYSICAL EDUCATION PART-I SEMESTER-II

1	Sports Sociology	4521
2	Yoga	4522
3	Kinesiology	4523
4	Health,Hygine&Sanitation	4524
5	Part-II Major Games(Practical)	4525

BACHELOR OF PHYSICAL EDUCATION PART-II

1	Physiology Of Exercises	3521
2	Educational Psychology And Counseling & Guidance	3522
3	Yoga	3523
4	Methods In Physical Education	3524
5	Kinesiology	3525
6	Part-II Skills(Skill In Games)	3526
7	Part-III(Practice Teaching)	3527

BACHELOR OF PHYSICAL EDUCATION PART-II SEMESTER-III

1	Marathi	4531
2	Hindi	4532
3	English	4533
4	Sports Psychology	4534
5	Physiology Of Exercise	4535
6	Management In Physical Education	4536
7	Part-II (Major Games)	4537

BACHELOR OF PHYSICAL EDUCATION PART-II SEMESTER-IV

1	Principles & History Of Physical Education	4541
2	Basic Of Sports Training	4542
3	Recreation	4543

BACHELOR OF PHYSICAL EDUCATION PART-II SEMESTER-IV

4	Adapted Physical Education	4544
5	Part-II(Major Game)	4545

BACHELOR OF PHYSICAL EDUCATION PART-III

1	Principles And History Of Physical Education	3531
2	Organisation & Administration Of Phy.Education	3532
3	Recreation	3533
4	Test And Measurement In Phy.Education	3534
5	Officiating & Coaching	3535
6	Health Education & Remedial & Corrective Phy.Edu.	3536
7	Part-II Skills	3537
8	Part-III Practice Teaching	3538

BACHELOR OF PHYSICAL EDUCATION PART-III SEMESTER-V

1	Marathi	4551
2	Hindi	4552
3	English	4553
4	Method Of Physical Education	4554
5	Remedial & Corrective Physical Education	4555
6	Test & Measurement In Physical Education	4556
7	Part-II(Practical)	4557
8	Part-III(Practice Teaching)	4558

BACHELOR OF PHYSICAL EDUCATION PART-III SEMESTER-VI

1	Professional Preparation In Phy.Edu.&Sports	4561
2	Educational Technology	4562
3	Officiating & Coaching	4563
4	Environmental Studies	4564
5	Part-II(Practical)	4565
6	Prart-III(Practice Teaching)	4566

BACHELOR OF PHYSICAL EDUCATION SEMESTER-I(TWO YEAR COURSE)

1	CC101- History,Principles&Foundation Of Phys.Edu.	4011
2	CC102-Anatomy&Physiology	4012
3	CC103- Mngt.ofPhy.Edu.&Sports&Games	4013
4	EC101-Sports Sociology&Environmental Studies	4014
5	EC102-Olympic Movement	4015
6	PC101-Track&Field(Running Event)	4016
7	PC102-Indoor&WaterSports	4017
8	PC103-Indigenous Sports	4018
9	PC104-Mass Demonstration Activities	4019

BACHELOR OF PHYSICAL EDUCATION SEMESTER-II(TWO YEAR COURSE)

1	CC201-Yoga Education	4021
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SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
BACHELOR OF PHYSICAL EDUCATION SEMESTER-II(TWO YEAR COURSE)			MASTER OF EDUCATION PART-I(EQUIVALENCE & ABSORPTION SCHEME)			MASTER OF LIBRARY AND INFORMATION SCIENCE(IMPROVEMENT DIVISION)		
2	CC202-Edu.Tech.&Methods Of Teaching In Phy.Edu.	4022	6	Educational Sociology	EDS	19	Dissertation-Viva-Voce	PRBF
3	CC203-Methodology Of Teaching Special Subjects	4023	MASTER OF EDUCATION PART-II(EQUIVALENCE & ABSORPTION SCHEME)			20	ViVa-Voce	PRBC
4	EC201-Contempo. Issues In PhyEdu,Fitness,&Wellness	4024	1	Dissertation With Viva Voce	DIS	MASTER OF PHILOSOPHY (EDUCATION)(NEW)		
5	EC202-Sports Nutrition&Weight Management	4025	MASTER OF EDUCATION SEMESTER-I			1	Research Methodology & Statistics	1051
6	PC201-Track And Field(Jumping Events)	4026	1	CC101:Philosophy Of Education	2511	2	Modern Trends In Education	1052
7	PC202-Indoort Games,Water Sports&Yoga	4027	2	CC102:Sociologyof Education	2512	3	Advanced Psychology Of Education	1053
8	PC203-Racket Sports	4028	3	CC103:Psychology Of Education	2513	4	Dissertation	1060
9	TP201-Teaching Practices(Practicing School Lesson)	4029	4	CC104:Methodology Of Educational Research	2514	MASTER OF PHILOSOPHY (EDUCATION)(OLD)		
DIPLOMA IN YOGA EDUCATION			5	PC105:Communication Skills	2515	1	Research Methodology & Statistics	1051
1	Anatomy&Physiology Of Yogic Exercises	APE	6	PC106:Expository &Academic Writing	2516	2	Modern Trends In Education	1052
2	Study Of Yoga Texts	SYT	7	PC107:Formulation&Present. Of Research Proposal	2517	3	Advanced Psychology Of Education	1053
3	Yoga & Cultural Synthesis	YCS	MASTER OF EDUCATION SEMESTER-II			4	Dissertation	1054
4	Yoga & Mysticism	YMS	1	CC201:Educational Studies	2521	MASTER OF PHILOSOPHY (PHYSICAL EDUCATION)		
5	Mental Health & Teaching Methods Of Yoga	MTY	2	CC202:Teacher Education-I	2522	1	Research Methods & Statistics	3571
6	Part-II(Skill)	PTS	3	CC203:Curriculum Studies	2523	2	Current Trends & Issues In Physical Edn. & Sports	3572
7	Part-III Teaching Ability Or Practice Teaching	PTP	4	CC204:History&Political Eco.of Education	2524	3	Kinanthropometry & Biomechanics In Sports	3573
MASTER OF EDUCATION			5	PC205:Review Of Related Literature&Resea.&its Ana.	2525	4	Measurement & Evaluation In Physical Education	3574
1	Philosophical And Social Foundations Of Education	PSF	6	PC206:Dissertation-Tools Development	2526	5	Philosophy Of Physical Education	3575
2	Psychological Foundations Of Education	PFE	7	PC207:Internship In A Teacher Edu.Institution	2527	6	Training For Competitive Sports & General Fitness	3576
3	Methodology Of Educational Research	MER	MASTER OF LIBRARY AND INFORMATION SCIENCE(IMPROVEMENT DIVISION)			7	Olympic Movement & Modern Issues	3577
4	Special Education	SLE	1	Management Of Libraries & Information Centre	MLIC	8	Management Of Sports Facilities	3578
5	Value Education And Human Rights	VED	2	Marketing Of Lib.&Inform.Services,Prod.&M ngt.Cons.	MLMC	9	Dissertation	3579
6	Teacher Education	TED	3	Fundamentals Of Information Science	FTFS	MASTER OF PHYSICAL EDUCATION PART-I		
7	Seminar	SEM	4	Information & Communication	ICMM	1	Foundation Of Physical Education	FOPE
8	Assignments	ASS	5	Information Analysis,Repackaging & Consolidation	IARC	2	Research Methods In Health,Phy.Edu.&Recreation	RMHP
9	Dissertation With Viva Voce	DIS	6	Information Control Techniques	IFCT	3	Test & Measurment In Physical Education.	TMPE
MASTER OF EDUCATION (IMPROVEMENT DIVISION)			7	Computer Application In Library & Information Work	CALI	4	Sci.Of Coaching(Biomechanical Aspects&Methods)	BIAM
1	Philosophical And Social Foundations Of Education	PSF	8	Information Retrieval	INRT	5	Sci.Of Coaching(Psycho.& Physiological Aspects)	PAPA
2	Psychological Foundations Of Education	PFE	9	Library Networks & Digital Library	LNDL	MASTER OF PHYSICAL EDUCATION PART-I(IMPROVEMENT DIVISION)(NEW)		
3	Methodology Of Educational Research	MER	10	Research Methods & Statistical Techniques	RMST	1	Foundation Of Physical Education	FOPE
4	Educational Org. & Administration In India	EOA	11	Agricultural Library&Information System	ALIS	2	Research Methods In Health,Phy.Edu.&Recreation	RMHP
5	History Of Education In India	HEI	12	Engineering & Technological Library&Info.Sys.	ETLS	3	Test & Measurment In Physical Education.	TMPE
6	Educational Sociology	EDS	13	Evaluation Of Information System & Services	EVIS	4	Sci.Of Coaching(Biomechanical Aspects&Methods)	BIAM
7	Teacher Education	TED	14	Health Science Library & Information System	HSLs	5	Sci.Of Coaching(Psycho.& Physiological Aspects)	PAPA
8	Dissertation With Viva Voce	DIS	15	Information Technology Application	ITAP	MASTER OF PHYSICAL EDUCATION PART-I(IMPROVEMENT DIVISION)(OLD)		
MASTER OF EDUCATION PART-I(EQUIVALENCE & ABSORPTION SCHEME)			16	Dissertation Work	PRBB	1	Foundation Of Physical Education	FOPE
1	Philosophical And Social Foundations Of Education	PSF	17	Project Work	PRBD			
2	Psychological Foundations Of Education	PFE	18	Project Work - Viva-Voce - Practical	PRBE			
3	Methodology Of Educational Research	MER						
4	Value Education And Human Rights	VED						
5	Teacher Education	TED						

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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MASTER OF PHYSICAL EDUCATION PART-I(IMPROVEMENT DIVISION)(OLD)

2	Research Methods In Health,Phy.Edu.&Recreation	RMHP
3	Sci.Of Coaching(Psycho.& Physiological Aspects)	PAPA
4	Professional Preparation In Phy.Edu.&Sports	PPPE
5	Skill Profi.in Athletics & Sports(Internal Ass.)	PRAH

MASTER OF PHYSICAL EDUCATION PART-II

1	Health,Fitness & Nutrition	HFAN
2	Professional Preparation In Phy.Edu.&Sports	PPPE
3	Yoga Texts	YOGT
4	Curriculum Design In Phy.Education & Sports	CDPE
5	Psycho-Physiological Basis Of Sports Medicine	PBSM
6	Philosophy	YPHI
7	Professional Management In Phy.Education & Sports	PMPE
8	Prevention&Rehabilitation In Sports Injuries	PRSI
9	Physiology Of Yogic Practice	PYOP
10	Applied Yoga	APYO
11	Bio-Mechanics & Anthropometry Of Sports	BMAS
12	Dissertation	DISA
13	Dissertation	DISB
14	Dissertation	DISC
15	Historical Perspective&Dev.Of Prof.Prep.in Phy.Edu	HPDE
16	Practical Exam	PRAA
17	Practical Exam	PRAB
18	Practical Exam	YPRA

MASTER OF PHYSICAL EDUCATION PART-II (IMPROVEMENT DIVISION)(OLD)

1	Sci.Of Coaching(Biomechanical Aspects&Methods)	BIAM
2	Test & Measurment In Physical Education.	TMPE
3	Professional Management In Phy.Education & Sports	PMPE
4	Dissertation	DISA
5	Two Less.OnAdv.Coach-Maj.Game&Other In Athletics	PRAF
6	Practical Project(Internal Ass.)	PRAG

MASTER OF PHYSICAL EDUCATION PART-II(IMPROVEMENT DIVISION)(NEW)

1	Professional Preparation In Phy.Edu.&Sports	PPPE
2	Curriculum Design In Phy.Education & Sports	CDPE
3	Professional Management In Phy.Education & Sports	PMPE
4	Dissertation	DISA
5	Historical Perspective&Dev.Of Prof.Prep.in Phy.Edu	HPDE
6	Practical Exam	PRAA

MASTER OF PHYSICAL EDUCATION PART-II(IMPROVEMENT DIVISION)(NEW1)

1	Professional Preparation In Phy.Edu.&Sports	PPPE
2	Curriculum Design In Phy.Education & Sports	CDPE
3	Professional Management In Phy.Education & Sports	PMPE
4	Dissertation	DISA
5	Practical Exam	PRAA

MASTER OF PHYSICAL EDUCATION SEMESTER-I (SEMESTER PATTERN)(NEW)

1	Research Methodology	1311
2	Statistics & Computer Application In Physical Edu.	1312
3	Science Of Sports Training	1313
4	Practical Exam(Games)	1314
5	Practical Exam(computer)	1315

MASTER OF PHYSICAL EDUCATION SEMESTER-I (SEMESTER PATTERN)(OLD)

1	Research Methodology	1201
2	Statistics & Computer Application In Physical Edu.	1202
3	Science Of Sports Training	1203
4	Practical Exam	1204

MASTER OF PHYSICAL EDUCATION SEMESTER-II (SEMESTER PATTERN)(NEW)

1	Exercise Physiology	1321
2	Measurement & Evaluation Techniques In Phy.Edu.	1322
3	Professional Preparation In Physical Education	1323
4	Curriculum Design In Phy.Edu.	1324
5	Practical Exam(Games)	1325

MASTER OF PHYSICAL EDUCATION SEMESTER-II (SEMESTER PATTERN)(OLD)

1	Exercise Physiology	1205
2	Measurement & Evaluation Techniques In Phy.Edu.	1206
3	Professional Preparation In Physical Education	1207
4	Curriculum Design In Phy.Edu.	1208
5	Practical Exam	1209

MASTER OF PHYSICAL EDUCATION SEMESTER-III (SEMESTER PATTERN)(NEW)

1	Sports Medicine	1331
2	Health Education	1332
3	Sports Psychology	1333
4	Practical Exam (Sports Medicine)	1334
5	Practical (Sports Psychology)	1335

MASTER OF PHYSICAL EDUCATION SEMESTER-III (SEMESTER PATTERN)(OLD)

1	Sports Medicine	1210
2	Health Education	1211
3	Sports Psychology	1212
4	Practical Exam	1213

MASTER OF PHYSICAL EDUCATION SEMESTER-IV (SEMESTER PATTERN)(NEW)

1	Sports Sociology	1341
2	Management In Physical Education	1342
3	Pract.Exam(Game)ScientificT eac./Coach.ofSpeci.Game	1343
4	Dissertation	1344

MASTER OF PHYSICAL EDUCATION SEMESTER-IV (SEMESTER PATTERN)(OLD)

1	Sports Sociology	1214
2	Management In Physical Education	1215
3	Practical Exam	1216
4	Dissertation	1217

P.G.DIPLOMA IN YOGA THERAPY SECOND YEAR ..(TWO YEARS COURSE)

1	Integral Approach To Yoga Therapy	IAY
2	Philosophy & Practice Of Yoga Therapy	PPY
3	Practical-I (Yoga Practical)	PYA
4	Practical-II (Yoga Practices)	PYB
5	Project Work(Internal Ass.)	PYC
6	Project Work(Viva-Voce)	PYD

POST GRADUATE DIPLOMA IN YOGA THERAPY FIRST YEAR(TWO YEARS COURSE)

1	Foudation Of Yoga	FOY
2	Basic Relevant To Yoga Therapy	BYT
3	Practical-I (Yoga Practical)	PYA
4	Practical-II (Yoga Practices)	PYB
5	Project Work(Internal Ass.)	PYC
6	Project Work(Viva-Voce)	PYD

POST GRADUATE DIPLOMA IN YOGA THERAPY SECOND YEAR (TWO YEARS COURSE)

1	Integral Approach To Yoga Therapy	IAY
2	Philosophy & Practice Of Yoga Therapy	PPY
3	Practical-I (Yoga Practical)	PYA
4	Practical-II (Yoga Practices)	PYB
5	Project Work(Internal Ass.)	PYC
6	Project Work(Viva-Voce)	PYD

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FACULTY OF ENGINEERING & TECHNOLOGY

B. E. EIGHT SEMESTER DEGREE COURSE (SEMESTER : FIRST)

1	Mathematics-I	1101
2	Applied Physics-I	1102
3	Applied Chemistry-I	1103
4	Computer Science-I	1104
5	Engineering Mechanics-I	1105
6	Electrical Engineering-I	1106
7	Engineering Drawing-I	1107
8	Workshop-I	1108

B. E. EIGHT SEMESTER DEGREE COURSE (SEMESTER : SECOND)

1	Mathematics-II	1201
2	Applied Physics-II	1202
3	Applied Chemistry-II	1203
4	Computer Science-II	1204
5	Engineering Mechanics-II	1205
6	Electrical Engineering-II	1206
7	Engineering Drawing-II	1207
8	Workshop-II	1208

B.TECH. (FPOPC) / POLYMER (PLASTIC) TECHNOLOGY ... SEMESTER : FIRST

1	Inorganic Chemistry	8211
2	Organic Chemistry	8212
3	Applied Physics	8213
4	Applied Mathematics	8214
5	Basic Computer Science	8215

B.TECH. (FPOPC) / POLYMER (PLASTIC) TECHNOLOGY SEMESTER : FIRST

1	Inorganic Chemistry	8211
2	Organic Chemistry	8212
3	Applied Physics	8213
4	Applied Mathematics	8214
5	Basic Computer Science	8215

B.TECH. (FPOPC) / POLYMER (PLASTIC) TECHNOLOGY SEMESTER : SECOND

1	Applied Physical Chemistry-I	8231
2	Mechanical Technology	8232
3	Applied Mechanics	8233
4	Engineering Drawing	8234
5	Workshop Practice	8235

B.TECH.(CHEM.TECH.) POLYMER (PLASTIC) TECH. SEM. : EIGHTH (IMPROVEMENT OF DIV.)

1	Polymer Processing-II	8371
2	Mould Design For Plastic	8372
3	Polymer Viscoelasticity And Rheology	8373
4	Testing And Product Design	8374
5	Surface Coating Technology	8375
6	Decorative Plastic	8376

B.TECH.(CHEM.TECH.) POLYMER (PLASTIC) TECH. SEM. : EIGHTH (IMPROVEMENT OF DIV.)

7	Technology Of Adhesive	8377
8	Project & Seminar	8378

B.TECH.(CHEM.TECH.) SEM. : EIGHTH (OIL & PAINT TECH.) IMPROVEMENT OF DIVISION

1	Special Technology-VI	8321
2	Chemical Reaction Engg.-II (Reactor Design)	8322
3	Plant Design And Project Engineering	8323
4	Polymer Science & Engg.	8324
5	Man Made Fiber Technology	8325
6	Corrosion Engineering	8326
7	Biochemical Engg.	8327
8	Petroleum Processing Engg.	8328
9	Oil & Paint Technology	8329
10	Fuel Technology	8330
11	Cellulose Technology	8331
12	Project & Seminar	8332

B.TECH.(CHEM.TECH.) SEM. : EIGHTH (PETROCHEMICAL TECH.) IMPROVEMENT OF DIVISION

1	Special Technology-VI	8321
2	Chemical Reaction Engg.-II (Reactor Design)	8322
3	Plant Design And Project Engineering	8323
4	Polymer Science & Engg.	8324
5	Man Made Fiber Technology	8325
6	Corrosion Engineering	8326
7	Biochemical Engg.	8327
8	Petroleum Processing Engg.	8328
9	Oil & Paint Technology	8329
10	Fuel Technology	8330
11	Cellulose Technology	8331
12	Project & Seminar	8332

B.TECH.(CHEM.TECH.) SEM. : SEVENTH (OIL & PAINT TECH.) IMPROVEMENT OF DIVISION

1	Mass Transfer	8311
2	Chemical Reaction Engg.-I (Kinetics)	8312
3	Special Technology-IV	8313
4	Industrial Waste Treatment	8314
5	Special Technology-V	8315

B.TECH.(CHEM.TECH.) SEM. : SEVENTH (PETROCHEMICAL TECH.) IMPROVEMENT OF DIVISION

1	Mass Transfer	8311
2	Chemical Reaction Engg.-I (Kinetics)	8312
3	Special Technology-IV	8313
4	Industrial Waste Treatment	8314
5	Special Technology-V	8315

B.TECH.(CHEM.TECH.) SEMESTER : EIGHTH (FOOD TECH.) IMPROVEMENT OF DIVISION

1	Special Technology-VI	8321
2	Chemical Reaction Engg.-II (Reactor Design)	8322
3	Plant Design And Project Engineering	8323
4	Polymer Science & Engg.	8324
5	Man Made Fiber Technology	8325
6	Corrosion Engineering	8326
7	Biochemical Engg.	8327
8	Petroleum Processing Engg.	8328
9	Oil & Paint Technology	8329
10	Fuel Technology	8330
11	Cellulose Technology	8331
12	Project & Seminar	8332

B.TECH.(CHEM.TECH.) SEMESTER : SEVENTH (FOOD TECH.) IMPROVEMENT OF DIVISION

1	Mass Transfer	8311
2	Chemical Reaction Engg.-I (Kinetics)	8312
3	Special Technology-IV	8313
4	Industrial Waste Treatment	8314
5	Special Technology-V	8315

B.TECH.(CHEM.TECH.)POLYMER (PLASTIC) TECH. SEM. : SEVENTH (IMPROVEMENT OF DIV.)

1	Polymer Reaction Engg.	8361
2	Structure Property Relationship In Polymer	8362
3	Polymer Processing-I	8363
4	Polymer Blends And Composite	8364
5	Plant Design And Project Engineering	8365

B.TECH.(CHEM.TECH.)SEMESTER : EIGHTH (PULP & PAPER TECH.)IMPROVEMENT OF DIVISION

1	Special Technology-VI	8321
2	Chemical Reaction Engg.-II (Reactor Design)	8322
3	Plant Design And Project Engineering	8323
4	Polymer Science & Engg.	8324
5	Man Made Fiber Technology	8325
6	Corrosion Engineering	8326
7	Biochemical Engg.	8327
8	Petroleum Processing Engg.	8328
9	Oil & Paint Technology	8329
10	Fuel Technology	8330
11	Cellulose Technology	8331
12	Project & Seminar	8332

B.TECH.(CHEM.TECH.)SEMESTER : SEVENTH (PULP & PAPER TECH.)IMPROVEMENT OF DIVISION

1	Mass Transfer	8311
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SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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B.TECH.(CHEM.TECH.)SEMESTER : SEVENTH (PULP & PAPER TECH.)IMPROVEMENT OF DIVISION

2	Chemical Reaction Engg.-I (Kinetics)	8312
3	Special Technology-IV	8313
4	Industrial Waste Treatment	8314
5	Special Technology-V	8315

BACHELOR OF ARCHITECTURE FIFTH PART-I(ANNUAL PATTERN)

1	Practical Training	8555
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BACHELOR OF ARCHITECTURE FIFTH PART-II(ANNUAL PATTERN)

1	Project - Sessional/Viva Voce	8581
2	Seminar - Sessional	8582
3	Dissertation - Sessional	8583

BACHELOR OF ARCHITECTURE FOURTH YEAR

1	Architectural Design-III	8541
2	Advanced Building Construction	8542
3	Interior Design	8543
4	Environmental Sanitation & Services	8544
5	Land Scope Design	8545
6	Valuation	8546
7	Architectural Acoustics & Illumination	8547
8	Professional Practice	8548
9	Working Drawing	8549

BACHELOR OF ARCHITECTURE FOURTH YEAR(OLD)

1	Architectural Design-III	8541
2	Advanced Building Construction	8542
3	Urban & Land Scope Design	8550
4	Environmental Sanitation & Services	8544
5	Housing, Interior Design, Rural Planning	8559
6	Sociology & Building Economics	8540
7	Architectural Acoustics & Illumination	8547
8	Professional Practice	8548
9	Working Drawing	8549

BACHELOR OF TECHNOLOGY (CHEMICAL ENGG.) ... SEMESTER : FIRST

1	Mathematics-I	1101
2	Applied Physics-I	1102
3	Applied Chemistry-I	1103
4	Computer Science-I	1104
5	Engineering Mechanics-I	1105
6	Electrical Engineering-I	1106
7	Engineering Drawing-I	1107
8	Workshop-I	1108

BACHELOR OF TECHNOLOGY (CHEMICAL ENGG.) SEMESTER : FIRST

1	Mathematics-I	1101
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BACHELOR OF TECHNOLOGY (CHEMICAL ENGG.) SEMESTER : FIRST

2	Applied Physics-I	1102
3	Applied Chemistry-I	1103
4	Computer Science-I	1104
5	Engineering Mechanics-I	1105
6	Electrical Engineering-I	1106
7	Engineering Drawing-I	1107
8	Workshop-I	1108

BACHELOR OF TECHNOLOGY (CHEMICAL ENGG.) SEMESTER : SECOND

1	Mathematics-II	1201
2	Applied Physics-II	1202
3	Applied Chemistry-II	1203
4	Computer Science-II	1204
5	Engineering Mechanics-II	1205
6	Electrical Engineering-II	1206
7	Engineering Drawing-II	1207
8	Workshop-II	1208

BACHELOR OF TEXTILE ENGG. (SEMESTER : EIGHTH) (IMPROVEMENT OF DIVISION)

1	Chemical Processing-II	9181
2	Maintenance Of Textile Machinery	9182
3	Advance Spinning Technology	9183
4	Advance Weaving Technology	9184
5	Textile Mill Planning & Organisation	9185
6	Project & Seminar	9186

BACHELOR OF TEXTILE ENGG. (SEMESTER : SEVENTH) (IMPROVEMENT OF DIVISION)

1	Textile Texting-III	9171
2	Chemical Processing-I	9172
3	Process Control In Spinning	9173
4	Process Control In Weaving	9174

BACHELOR OF TEXTILE ENGINEERING (OLD COURSE) (SEMESTER : SECOND)

1	Applied Physics-II	9121
2	Applied Chemistry-II	9122
3	Weaving-I	9123
4	Applied Mechanics	9124
5	Mechanical Technology	9125
6	Workshop Practice-II	9126

BACHELOR OF TEXTILE ENGINEERING (SEMESTER : EIGHTH)

1	Chemical Processing-II	9181
2	Maintenance Of Textile Machinery	9182
3	Advance Spinning Technology	9183
4	Advance Weaving Technology	9184
5	Textile Mill Planning & Organisation	9185
6	Project & Seminar	9186

BACHELOR OF TEXTILE ENGINEERING (SEMESTER : EIGHTH) (CGS)

1	8TX01 Process Control In Textile Manufacturing	9181
2	8TX02 Advanced Fabric Manufacturing Technology	9182
3	8TX03 Chemical Processing-II	9183
4	8TX04 Technical Textiles	9184
5	8TX04 New Fibre Science	9185
6	8TX05 Project & Seminar	9186
7	8TX06 Adv. Fabric Manufacturing Technology - Lab.	9187
8	8TX07 Chemical Processing-II - Lab.	9188

BACHELOR OF TEXTILE ENGINEERING (SEMESTER : FIFTH)

1	Spinning-III	9151
2	Weaving-II	9152
3	Textile Fibre-II	9153
4	Textile Testing-I	9154
5	Textile Mathematics	9155
6	In Plant Training	9156

BACHELOR OF TEXTILE ENGINEERING (SEMESTER : FIFTH) (CGS)

1	5TX01 Yarn Manufacturing-III	9151
2	5TX02 Fabric Manufacturing-III	9152
3	5TX03 Textile Testing-I	9153
4	5TX04 Textile Costing & Economics	9154
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEME05 Manufacturing Techniques	5004
9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007
12	5FEPE05 Industrial Engineering	5008
13	5FEPE05 Industrial Safety Management	5009
14	5FEPE05 Energy Audit & Management	5010
15	5FEPE05 Electrical Drives	5011
16	5FEPE05 Energy Audit & Management	5012
17	5FEPE05 Electrical Drives	5013
18	5FEPE05 Energy Audit & Management	5014
19	5FEPE05 Electrical Drives	5015
20	5FEPE05 Consumer Electronics	5016
21	5FEPE05 Fibre Optics	5017
22	5FEPE05 Consumer Electronics	5018
23	5FEPE05 Fibre Optics	5019
24	5FEPE05 Data Structures & Algorithms	5020
25	5FEPE05 Data Communication & Networking	5021

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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BACHELOR OF TEXTILE ENGINEERING (SEMESTER : FIFTH) (CGS)

26	5FEKE05 Web Technologies	5022
27	5FEKE05 Object Oriented Programming	5023
28	5FEBM05 Medical Instrumentation	5024
29	5FEBM05 Principles Of Biomaterials & Biomechanics	5025
30	5FECH05 Air Pollution Control	5026
31	5FECH05 Risk & Safety Management In Industries	5027
32	5FEIE05 Sensor & Transducers	5028
33	5FEIE05 Advance Sensors & Transmitters	5029
34	5FEIT05 Introduction To Computer Networks	5030
35	5FEIT05 IT Ethics & Practices	5031
36	5FEAR05 Fundamentals Of Architectural Design	5034
37	5FEAR05 Landscape Architecture	5035
38	5FEPP05 Polymer & Rubber Technology	5036
39	5FEPP05 Decorating Plastics	5037
40	5FECT05 Env. Impact : Risk Assesment & Mngt.	5038
41	5TX06 Minor Project-I	9155
42	5TX07 Yarn Manufacturing-III Lab.	9156
43	5TX08 Fabric Manufacturing-III Lab.	9157
44	5TX09 Textile Testing-I Lab.	9158

BACHELOR OF TEXTILE ENGINEERING (SEMESTER : FIRST)

1	Mathematics-I	1101
2	Applied Physics-I	1102
3	Applied Chemistry-I	1103
4	Computer Science-I	1104
5	Engineering Mechanics-I	1105
6	Electrical Engineering-I	1106
7	Engineering Drawing-I	1107
8	Workshop-I	1108

BACHELOR OF TEXTILE ENGINEERING (SEMESTER : FIRST)

1	Applied Physics-I	9111
2	Applied Chemistry-I	9112
3	Applied Mathematics-I	9113
4	Engineering Drawing	9114
5	Spinning-I	9115
6	Workshop Practice-I	9116

BACHELOR OF TEXTILE ENGINEERING (SEMESTER : FOURTH) (CGS)

1	4TX01 Yarn Manufacturing-II	9141
2	4TX02 Fabric Manufacturing-II	9142
3	4TX03 Applied Electronics & Control Systems	9143
4	4TX04 Textile Fibre-II	9144
5	4TX05 Garment Manufacturing Technology	9145
6	4TX06 Yarn Manufacturing-II - Lab.	9146

BACHELOR OF TEXTILE ENGINEERING (SEMESTER : FOURTH) (CGS)

7	4TX07 Fabric Manufacturing-II - Lab.	9147
8	4TX08 Applied Electronics & Control Systems - Lab.	9148

BACHELOR OF TEXTILE ENGINEERING (SEMESTER : SECOND)

1	Mathematics-II	1201
2	Applied Physics-II	1202
3	Applied Chemistry-II	1203
4	Computer Science-II	1204
5	Engineering Mechanics-II	1205
6	Electrical Engineering-II	1206
7	Engineering Drawing-II	1207
8	Workshop-II	1208

BACHELOR OF TEXTILE ENGINEERING (SEMESTER : SECOND) (PURO)

1	Computer Science-II	1204
2	Electrical Engineering-II	1206

BACHELOR OF TEXTILE ENGINEERING (SEMESTER : SEVENTH)

1	Textile Texting-III	9171
2	Chemical Processing-I	9172
3	Process Control In Spinning	9173
4	Process Control In Weaving	9174

BACHELOR OF TEXTILE ENGINEERING (SEMESTER : SEVENTH) (CGS)

1	7TX01 Textile Mathematics	9171
2	7TX02 Textile Testing-III	9172
3	7TX03 Chemical Processing-I	9173
4	7TX04 Textile Mill Management	9174
5	7TX05 Advanced Nonwoven Technology	9175
6	7TX05 Advanced Knitting Technology	9176
7	7TX06 Project & Seminar	9177
8	7TX07 Textile Testing-III - Lab.	9178
9	7TX08 Chemical Processing-I - Lab.	9179

BACHELOR OF TEXTILE ENGINEERING (SEMESTER : SIXTH)

1	Weaving-III	9161
2	Manmade Fibre Technology	9162
3	Textile Testing-II	9163
4	Fabric Structure	9164
5	Textile Costing & Economics	9165

BACHELOR OF TEXTILE ENGINEERING (SEMESTER : SIXTH) (CGS)

1	6TX01 Fabric Structure	9161
2	6TX02 Advanced Yarn Manufacturing Technology	9162
3	6TX03 Textile Testing-II	9163
4	6TX04 Apparel Merchandising	9164

BACHELOR OF TEXTILE ENGINEERING (SEMESTER : SIXTH) (CGS)

5	6FECE05 Disaster Management	6001
6	6FECE05 Environmental Management	6002
7	6FEME05 Automobile Engineering	6003
8	6FEME05 Non-conventional Energy Systems	6004
9	6FEME05 Energy Management	6005
10	6FEPE05 Industrial Automation	6006
11	6FEPE05 Engg. Economics & Entrepreneurship Develop.	6007
12	6FEPE05 Electrical Estimating & Costing	6008
13	6FEPE05 Power Supply Systems	6009
14	6FEPE05 Electrical Estimating & Costing	6010
15	6FEPE05 Power Supply Systems	6011
16	6FEEX05 Electrical Estimating & Costing	6012
17	6FEEX05 Power Supply Systems	6013
18	6FEXT5 Introduction To Wireless Technology	6014
19	6FEXT5 Elect. Test Instruments : Analog & Digital	6015
20	6FEXN5 Introduction To Wireless Technology	6016
21	6FEXN5 Elect. Test Instruments- Analog & Digital	6017
22	6FEKS05 Database Management Systems	6018
23	6FEKS05 Software Project Management	6019
24	6FEKE05 Java Programming	6020
25	6FEKE05 Expert Systems	6021
26	6FEBM05 Modelling And Simulation	6022
27	6FEBM05 Biomedical Image Processing	6023
28	6FECH05 Renewabel Energy Sources	6024
29	6FEBM05 Water Technology	6025
30	6FEIE05 Control System And Components	6026
31	6FEIE05 Industrial Automation & Process Control	6027
32	6FEIT05 E Commerce	6028
33	6FEIT05 Knowledge Management	6029
34	6FETX05 Computer Aided Textile & Fashion Designing	6030
35	6FETX05 Fashion Technology	6031
36	6FEAR05 Climate Resonsive Architecture	6032
37	6FEAR05 Sustainable Architecture	6033
38	06FEPP05 Packaging Technology	6034
39	06FEPP05 Composite Technology	6035
40	6TX06 Communication Skill	9165
41	6TX07 Minor Project-II	9166
42	6TX08 Fabric Structure Lab	9167
43	6TX09 Advanced Yarn Manufacturing Technology-Lab	9168
44	6TX10 Textile Testing-II-Lab	9169

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
BACHELOR OF TEXTILE ENGINEERING (SEMESTER : SIXTH) (CGS)			BACHELOR OF TEXTILE ENGINEERING (SEMESTER : FOURTH)			FINAL YEAR B.E. (PART-TIME) CIVIL ENGINEERING (NEW2)		
45	6TX11 Communication Skill-Lab	9170	3	Thermal Science & Air Conditioning	9144	1	Environmental Engineering-II	6201
BACHELOR OF TEXTILE ENGINEERING (SEMESTER : SIXTH) (NEW)			4	Applied Electronics & Control System	9145	2	Project Planning & Management	6202
1	Weaving-III	9161	BACHELOR OF TEXTILE ENGINEERING (SEMESTER:THIRD)			3	Structural Design-II	6203
2	Manmade Fibre Technology	9162	1	Textile Fibre-I	9132	4	Geotechnical Engineering-II	6204
3	Textile Testing-II	9163	2	Machine Drawing	9133	5	Advanced Water Treatment	6205
4	Fabric Structure	9164	3	Strength Of Material	9134	6	Advanced Geotechnical Engineering	6206
5	Textile Costing & Economics	9165	4	Mechanical & Material Technology	9135	7	Water Power Engineering	6207
6	Communication Skills	9166	BACHELOR OF TEXTILE ENGINEERING (SEMESTER : FOURTH)			8	Pre Stressed Concrete	6208
BACHELOR OF TEXTILE ENGINEERING (SEMESTER : THIRD) (CGS)			1	Spinning-II	9141	9	Artificial Neural Network & Fuzzy Logic	6209
1	3TX01 Yarn Manufacturing-I	9131	2	Weaving-I	9142	10	Advanced Concrete Technology	6210
2	3TX02 Fabric Manufacturing-I	9132	3	Theory Of Machine	9143	11	Environmental Pollution & Rural Sanitation	6211
3	3TX03 Textile Fibre-I	9133	4	Thermal Science & Air Conditioning	9144	12	Advanced Earthquake Engineering	6212
4	3TX04 Machine Drawing	9134	5	Applied Electronics & Control System	9145	13	Advanced Design Of Steel Structures	6213
5	3TX05 Thermal Science & Air Conditioning	9135	FIFTH B.ARCH.PART-I			14	Advanced Waste Water & Industrial Waste Treatment	6214
6	3TX06 Yarn Manufacturing-I - Lab.	9136	1	Project	8551	15	Finite Element Method	6215
7	3TX07 Fabric Manufacturing-I - Lab.	9137	2	Seminar	8552	16	Dam Engineering	6216
8	3TX08 Machine Drawing - Lab.	9138	3	Construction Details	8553	17	Advanced Engineering Geology	6217
BACHELOR OF TEXTILE ENGINEERING (SEMESTER: THIRD)			4	Management Techniques	8556	18	Matrix Computer Analysis Of Structures	6218
1	Spinning-I	9131	5	City Planning	8557	19	Advanced Structural Analysis	6219
2	Textile Fibre-I	9132	6	Building Buy-Law	8558	20	Rock Mechanics	6220
3	Machine Drawing	9133	FIFTH B.ARCH.PART-II			21	Advanced Design Of RCC Structures	6221
4	Strength Of Material	9134	1	Practical Training	8555	22	Computer Aided Design Of Structures	6222
5	Mechanical & Material Technology	9135	FINAL YEAR B.E. PRODUCTION ENGINEERING ...			23	Project	6223
BACHELOR OF TEXTILE ENGINEERING (SEMESTER: THIRD) (OLD COURSE)			1	Production Planning & Control	4041	FINAL YEAR B.E. (PART-TIME) CIVIL ENGINEERING (OLD)		
1	Textile Fibre-I	9132	2	Computer Aided Design & Manufacturing	4042	1	Environmental Engineering-II	6171
2	Machine Drawing	9133	3	Industrial Management	4043	2	Project Planning & Management	6172
3	Strength Of Material	9134	4	Mechanical Estimation & Costing	4044	3	Theory Of Structures-II	4001
4	Mechanical & Material Technology	9135	5	Marketing & Sales Management	4045	4	Foundation Engineering	6174
BACHELOR OF TEXTILE ENGINEERING ... (SEMESTER : FIRST)			6	Plastic Engineering	4046	5	Advanced Structural Analysis	6178
1	Mathematics-I	1101	7	Advanced Welding Technology	4047	6	Advanced Waste Water Treatment	6181
2	Applied Physics-I	1102	8	Advanced Productivity Techniques	4048	7	Project & Seminar	4815
3	Applied Chemistry-I	1103	9	Process Engineering	4049	FINAL YEAR B.E. CHEMICAL ENGINEERING		
4	Computer Science-I	1104	10	Machine Tools Control	4050	1	Mathematical Methods In Chemical Engineering	4141
5	Engineering Mechanics-I	1105	11	Operation Research Technique	4051	2	Mass Transfer Operations-II	4142
6	Electrical Engineering-I	1106	12	Project & Seminar	4052	3	Process Equipment & Plant Design	4143
7	Engineering Drawing-I	1107	FINAL YEAR B.E. (PART-TIME) CIVIL ENGINEERING (NEW1)			4	Chemical Reaction Engineering	4144
8	Workshop-I	1108	1	Environmental Engineering-II	6171	5	Transport Phenomena	4145
BACHELOR OF TEXTILE ENGINEERING (SEMESTER : FOURTH)			2	Project Planning & Management	6172	6	Process Dynamics & Control	4146
1	Spinning-II	9141	3	Structural Design-II	6173	7	Project Management	4147
2	Theory Of Machine	9143	4	Foundation Engineering	6174	8	Petro-Chemical Technology	4148
			5	Advanced Structural Analysis	6178	9	Food & Bio-Chemical Engineering	4149
			6	Advanced Waste Water Treatment	6181	10	Polymer Engineering & Technology	4150
			7	Project & Seminar	6186	11	Pulp & Paper Technology	4151
						12	Safety In Chemical Industries	4152

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FINAL YEAR B.E. CHEMICAL ENGINEERING

13	Project & Seminar	4153
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FINAL YEAR B.E. CHEMICAL ENGINEERING ...

1	Mathematical Methods In Chemical Engineering	4141
2	Mass Transfer Operations-II	4142
3	Process Equipment & Plant Design	4143
4	Chemical Reaction Engineering	4144
5	Transport Phenomena	4145
6	Process Dynamics & Control	4146
7	Project Management	4147
8	Petro-Chemical Technology	4148
9	Food & Bio-Chemical Engineering	4149
10	Polymer Engineering & Technology	4150
11	Pulp & Paper Technology	4151
12	Safety In Chemical Industries	4152
13	Project & Seminar	4153

FINAL YEAR B.E. CIVIL ENGINEERING

1	Theory Of Structures-II	4001
2	Irrigation Engineering-II	4002
3	Environmental Engineering-II	4003
4	Transportation Engineering-II	4004
5	Project Planning & Management	4005
6	Structural Design-II	4006
7	Foundation Engineering	4007
8	Water Power Engineering	4008
9	Advanced Water Treatment	4009
10	Earth & Earth Retaining Structures	4010
11	Advanced Structural Analysis	4011
12	Advanced R.C.C.Design	4012
13	Dam Engineering	4013
14	Advanced Waste Water Treatment	4014
15	Advanced Soil Mechanics	4015
16	Matrix Computer Analysis Of Structures	4016
17	Advanced Design Of Steel Structures	4017
18	Prestressed Concrete	4018
19	Project & Seminar	4019

FINAL YEAR B.E. CIVIL ENGINEERING ----

1	Theory Of Structures-II	4001
2	Irrigation Engineering-II	4002
3	Environmental Engineering-II	4003
4	Transportation Engineering-II	4004
5	Project Planning & Management	4005
6	Structural Design-II	4006
7	Foundation Engineering	4007
8	Water Power Engineering	4008
9	Advanced Water Treatment	4009
10	Earth & Earth Retaining Structures	4010

FINAL YEAR B.E. CIVIL ENGINEERING ----

11	Advanced Structural Analysis	4011
12	Advanced R.C.C.Design	4012
13	Dam Engineering	4013
14	Advanced Waste Water Treatment	4014
15	Advanced Soil Mechanics	4015
16	Matrix Computer Analysis Of Structures	4016
17	Advanced Design Of Steel Structures	4017
18	Prestressed Concrete	4018
19	Project & Seminar	4019

FINAL YEAR B.E. COMPUTER SCIENCE & ENGINEERING

1	Operating Systems	4121
2	Advanced Microprocessor Applications	4122
3	Data Base Management Systems	4123
4	Analysis & Design Of Algorithms	4124
5	System Analysis & Design	4125
6	Artificial Intelligence	4126
7	Computer Network	4127
8	Digital Signal Processing	4128
9	Digital Control System	4129
10	Robotics	4130
11	Modelling & Simulation	4131
12	Project & Seminar	4132

FINAL YEAR B.E. COMPUTER SCIENCE & ENGINEERING (IMPROVEMENT OF DIVISION)

1	Operating Systems	4121
2	Advanced Microprocessor Applications	4122
3	Data Base Management Systems	4123
4	Analysis & Design Of Algorithms	4124
5	System Analysis & Design	4125
6	Artificial Intelligence	4126
7	Computer Network	4127
8	Digital Signal Processing	4128
9	Modelling & Simulation	4131
10	Project & Seminar	4132

FINAL YEAR B.E. COMPUTER SCIENCE & ENGINEERING ...

1	Operating Systems	4121
2	Advanced Microprocessor Applications	4122
3	Data Base Management Systems	4123
4	Analysis & Design Of Algorithms	4124
5	System Analysis & Design	4125
6	Artificial Intelligence	4126
7	Computer Network	4127
8	Digital Signal Processing	4128
9	Digital Control System	4129
10	Robotics	4130
11	Modelling & Simulation	4131

FINAL YEAR B.E. COMPUTER SCIENCE & ENGINEERING ...

12	Project & Seminar	4132
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FINAL YEAR B.E. ELECTRICAL (ELECTRONICS & POWER) ...

1	Control System-II	4061
2	Electrical Power-II	4062
3	Switch Gear & Protection	4063
4	Computer Aided Machine Design	4064
5	Industrial Electrical Engineering	4065
6	Power System Stability	4066
7	Electronics Instrumentation	4067
8	Generation Planning & Station Practice	4068
9	Microprocessor Applications	4069
10	Network Synthesis	4070
11	Power System Operation & Control	4071
12	Computer Aided Analysis Of Power System	4072
13	Linear Integrated Circuits	4073
14	Generalised Machine Theory	4074
15	High Voltage Engineering	4075
16	Power System Design Practice	4076
17	Project & Seminar	4077

FINAL YEAR B.E. ELECTRICAL (ELECTRONICS & POWER) ENGINEERING

1	Control System-II	4061
2	Electrical Power-II	4062
3	Switch Gear & Protection	4063
4	Computer Aided Machine Design	4064
5	Industrial Electrical Engineering	4065
6	Power System Stability	4066
7	Electronics Instrumentation	4067
8	Generation Planning & Station Practice	4068
9	Microprocessor Applications	4069
10	Network Synthesis	4070
11	Power System Operation & Control	4071
12	Computer Aided Analysis Of Power System	4072
13	Linear Integrated Circuits	4073
14	Generalised Machine Theory	4074
15	High Voltage Engineering	4075
16	Power System Design Practice	4076
17	Project & Seminar	4077

FINAL YEAR B.E. ELECTRONICS & TELECOMMUNICATION ENGG. (IMPROVEMENT OF DIVISION)

1	Digital Communication	4081
2	Microprocessor Applications	4082
3	Industrial Management & Quality Control	4083
4	U.H.F. & Microwave	4084
5	Digital Integrated Circuits	4085

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FINAL YEAR B.E. ELECTRONICS & TELECOMMUNICATION ENGG. (IMPROVEMENT OF DIVISION)

6	Computer Organisation	4086
7	Electronics Circuits Design	4087
8	Digital System Design	4088
9	Biomedical Engineering	4093
10	Project & Seminar	4095

FINAL YEAR B.E. ELECTRONICS & TELECOMMUNICATION ENGINEERING

1	Digital Communication	4081
2	Microprocessor Applications	4082
3	Industrial Management & Quality Control	4083
4	U.H.F. & Microwave	4084
5	Digital Integrated Circuits	4085
6	Computer Organisation	4086
7	Electronics Circuits Design	4087
8	Digital System Design	4088
9	Process Control & Instrumentation	4089
10	Digital Signal Processing	4090
11	Optical Fiber Communication	4091
12	Satellite Communication	4092
13	Biomedical Engineering	4093
14	Radar Engineering	4094
15	Project & Seminar	4095

FINAL YEAR B.E. ELECTRONICS & TELECOMMUNICATION ENGINEERING ...

1	Digital Communication	4081
2	Microprocessor Applications	4082
3	Industrial Management & Quality Control	4083
4	U.H.F. & Microwave	4084
5	Digital Integrated Circuits	4085
6	Computer Organisation	4086
7	Electronics Circuits Design	4087
8	Digital System Design	4088
9	Process Control & Instrumentation	4089
10	Digital Signal Processing	4090
11	Optical Fiber Communication	4091
12	Satellite Communication	4092
13	Biomedical Engineering	4093
14	Radar Engineering	4094
15	Project & Seminar	4095

FINAL YEAR B.E. INDUSTRIAL ELECTRONICS ...

1	Process Control & Instrumentation	4101
2	Microprocessor Application	4102
3	Industrial Management & Quality Control	4103
4	Industrial Electronics-II	4104
5	Digital Integrated Circuits	4105

FINAL YEAR B.E. INDUSTRIAL ELECTRONICS ...

6	Computer Organisation	4106
7	Power Electronic Circuit Design	4107
8	Digital Signal Processing	4108
9	Radar Engineering	4109
10	Control System-II	4110
11	Optical Fiber Communication	4111
12	T.V.Engineering	4112
13	Biomedical Engineering	4113
14	Project & Seminar	4114

FINAL YEAR B.E. INDUSTRIAL ELECTRONICS ENGG. (IMPROVEMENT OF DIVISION)

1	Process Control & Instrumentation	4101
2	Microprocessor Application	4102
3	Industrial Management & Quality Control	4103
4	Industrial Electronics-II	4104
5	Digital Integrated Circuits	4105
6	Computer Organisation	4106
7	Power Electronic Circuit Design	4107
8	Digital Signal Processing	4108
9	Optical Fiber Communication	4111
10	Project & Seminar	4114

FINAL YEAR B.E. INDUSTRIAL ELECTRONICS ENGINEERING

1	Process Control & Instrumentation	4101
2	Microprocessor Application	4102
3	Industrial Management & Quality Control	4103
4	Industrial Electronics-II	4104
5	Digital Integrated Circuits	4105
6	Computer Organisation	4106
7	Power Electronic Circuit Design	4107
8	Digital Signal Processing	4108
9	Radar Engineering	4109
10	Control System-II	4110
11	Optical Fiber Communication	4111
12	T.V.Engineering	4112
13	Biomedical Engineering	4113
14	Project & Seminar	4114

FINAL YEAR B.E. INSTRUMENTATION ENGINEERING

1	Unit Operation	4161
2	Process Equipment Design	4162
3	Opto-Electronics Instrumentation	4163
4	Instrument & System Design	4164
5	Process Instrumentation	4165
6	Project Planning Estimation & Assessment	4166
7	Process Modelling & Optimization	4167
8	Biomedical Instrumentation-I	4168
9	Digital Signal Processing	4169

FINAL YEAR B.E. INSTRUMENTATION ENGINEERING

10	Advance Computer Technology & Application	4170
11	Biomedical Instrumentation-II	4171
12	Project & Seminar	4172

FINAL YEAR B.E. MECHANICAL ENGINEERING

1	Machine Design-II	4021
2	Energy Conversion-II	4022
3	Industrial Management	4023
4	Mechanical Estimation & Costing	4024
5	Unconventional Energy System	4025
6	Tool Engineering	4026
7	I.C.Engines	4027
8	Production Planning & Control	4028
9	Refrigeration & Air Conditioning	4029
10	Machine Tools Design	4030
11	Automobile Engineering	4031
12	Operation Research Techniques	4032
13	Project & Seminar	4033

FINAL YEAR B.E. MECHANICAL ENGINEERING ...

1	Machine Design-II	4021
2	Energy Conversion-II	4022
3	Industrial Management	4023
4	Mechanical Estimation & Costing	4024
5	Unconventional Energy System	4025
6	Tool Engineering	4026
7	I.C.Engines	4027
8	Production Planning & Control	4028
9	Refrigeration & Air Conditioning	4029
10	Machine Tools Design	4030
11	Automobile Engineering	4031
12	Operation Research Techniques	4032
13	Project & Seminar	4033

FINAL YEAR B.E. PART TIME (CIVIL ENGINEERING) (NEW)

1	Environmental Engineering-II	6171
2	Project Planning & Management	6172
3	Structural Design-II	6173
4	Foundation Engineering	6174
5	Water Power Engineering	6175
6	Advanced Water Treatment	6176
7	Earth & Earth Retaining Structures	6177
8	Advanced Structural Analysis	6178
9	Advanced R.C.C. Design	6179
10	Dam Engineering	6180
11	Advanced Waste Water Treatment	6181
12	Advanced Soil Mechanics	6182
13	Matrix Computer Analysis Of Structures	6183

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FINAL YEAR B.E. PART TIME
(CIVIL ENGINEERING) (NEW)**

14	Advanced Design Of Steel Structures	6184
15	Prestressed Concrete	6185
16	Project & Seminar	6186

**FINAL YEAR B.E. PART-I CIVIL
ENGINEERING (NEW)**

1	Theory Of Structures-II	4001
2	Irrigation Engineering-II	4002
3	Environmental Engineering-II	4003
4	Transportation Engineering-II	4004
5	Water Power Engineering	4008
6	Advanced Structural Analysis	4011
7	Geotechnical Engineering	4020
8	Fluvial Hydraulics	4209

**FINAL YEAR B.E. PART-I CIVIL
ENGINEERING (NEW1)**

1	Theory Of Structures-II	4001
2	Irrigation Engineering-II	4002
3	Environmental Engineering-II	4003
4	Transportation Engineering-II	4004
5	Project Planning & Management	4005

**FINAL YEAR B.E. PART-I
COMPUTER ENGINEERING
(NEW)**

1	Operating System	4191
2	Digital ICs & Applications	4210
3	System Analysis & Design	4125
4	Modelling & Simulation	4131
5	Microprocessor Applications	4192

**FINAL YEAR B.E. PART-I
COMPUTER SCIENCE &
ENGINEERING (NEW1)**

1	Operating System	4191
2	Microprocessor Applications	4192
3	Advanced Microprocessors & Interfacing	4764
4	Data Base Management Systems	4123
5	Software Tools	4194
6	Advanced Unix Programming	4883
7	Digital Control System	4193

**FINAL YEAR B.E. PART-I
ELECTRICAL ENGG.
(ELECTRONICS & POWER
SYSTEM)(NEW1)**

1	Control System-II	4061
2	Electrical Power-II	4062
3	Switch Gear & Protection	4063
4	Computer Aided Machine Design	4064
5	Industrial Electrical Engineering	4065

**FINAL YEAR B.E. PART-I
ELECTRICAL ENGINEERING
(NEW)**

1	Control System-II	4061
2	Electrical Power-II	4062
3	Switch Gear & Protection	4063

**FINAL YEAR B.E. PART-I
ELECTRICAL ENGINEERING
(NEW)**

4	Power Electronics	3042
5	Introduction To Microprocessors	3036

**FINAL YEAR B.E. PART-I
ELECTRONICS &
TELECOMMUNICATION
ENGINEERING (NEW1)**

1	Digital Communication	4081
2	Microprocessor Applications	4082
3	Industrial Management & Quality Control	4083
4	U.H.F. & Microwave	4084
5	Digital Integrated Circuits	4085

**FINAL YEAR B.E. PART-I
INDUSTRIAL ELECTRONICS
ENGG. (NEW)**

1	Control System-II	4110
2	Digital ICs & Applications	4210
3	Design Of Industrial Circuit	4115
4	Industrial Electronics-II	4104
5	Microprocessor Application	4102

**FINAL YEAR B.E. PART-I
MECHANICAL ENGG. (NEW)**

1	Power Plant Engineering	4195
2	Automatic Control	4196
3	Energy Conversion-II	4022
4	Machine Design-II	4021
5	Unconventional Energy System	4025

**FINAL YEAR B.E. PART-I
MECHANICAL ENGINEERING
(NEW1)**

1	Machine Design-II	4021
2	Energy Conversion-II	4022
3	Industrial Management	4023
4	Mechanical Estimation & Costing	4024
5	Tool Engineering	4026

**FINAL YEAR B.E. PART-I
PRODUCTION ENGINEERING
(NEW1)**

1	Production Planning & Control	4041
2	Computer Aided Design & Manufacturing	4042
3	Industrial Management	4043
4	Mechanical Estimation & Costing	4044
5	Marketing & Sales Management	4045

**FINAL YEAR B.E. PART-II
ELECTRICAL ENGINEERING
(NEW)**

1	Electronics Instrumentation	4067
2	Generation Planning & Station Practice	4068
3	Power System Stability	4066
4	Linear Integrated Circuits	4073
5	Project & Seminar	4077

**FINAL YEAR B.E. PART-II CIVIL
ENGINEERING (NEW)**

1	Structural Design-II	4006
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**FINAL YEAR B.E. PART-II CIVIL
ENGINEERING (NEW)**

2	Project Planning & Management	4005
3	Foundation Engineering	4007
4	Advanced Water Treatment	4009
5	Advanced R.C.C.Design	4012
6	Experimental Stress Analysis	4513
7	Advanced Waste Water Treatment	4014
8	Advanced Sewage & Treatment Of Ind.Waste	4517
9	Project & Seminar	4019

**FINAL YEAR B.E. PART-II CIVIL
ENGINEERING (NEW1)**

1	Structural Design-II	4006
2	Foundation Engineering	4007
3	Water Power Engineering	4008
4	Advanced Sewage & Treatment Of Ind.Waste	4517
5	Project & Seminar	4019

**FINAL YEAR B.E. PART-II
COMPUTER ENGINEERING
(NEW)**

1	Digital Signal Processing	4128
2	Software Project & Management	4212
3	Computer Network	4201
4	Artificial Intelligence	4126
5	Project & Seminar	4132

**FINAL YEAR B.E. PART-II
COMPUTER SCIENCE &
ENGINEERING (NEW1)**

1	Artificial Intelligence	4126
2	Computer Network	4201
3	Digital Signal Processing	4128
4	Modelling & Simulation	4131
5	Computer Laboratory	4208
6	Project & Seminar	4132

**FINAL YEAR B.E. PART-II
ELECTRICAL ENGG.
(ELECTRONICS & POWER
SYSTEM)(NEW1)**

1	Power System Stability	4066
2	Electronics Instrumentation	4067
3	Generation Planning & Station Practice	4068
4	Linear Integrated Circuits	4073
5	Power System Design Practice	4076
6	High Voltage Engineering	4075
7	Project & Seminar	4077

**FINAL YEAR B.E. PART-II
ELECTRONICS &
TELECOMMUNICATION
ENGINEERING (NEW1)**

1	Computer Organisation	4086
2	Digital System Design	4088
3	Electronics Circuits Design	4087
4	Medical Electronics	4203
5	Biomedical Engineering	4747
6	Project & Seminar	4095

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FINAL YEAR B.E. PART-II
ELECTRONICS ENGG.(NEW)**

1	Analog & Digital Computers	4197
2	U.H.F. & Microwave	4084
3	Opto Electronics	4213
4	Biomedical Engineering	4093
5	Project & Seminar	4095

**FINAL YEAR B.E. PART-II
INDUSTRIAL ELECTRONICS
ENGINEERING (NEW1)**

1	Computer Organisation	4106
2	Power Electronic Circuit Design	4107
3	Electronics Circuits Design	4087
4	Advanced Computer Architecture	4207
5	Project & Seminar	4114

**FINAL YEAR B.E. PART-II
MECHANICAL ENGG.(NEW)**

1	I.C.Engines	4027
2	Refrigeration & Air Conditioning	4029
3	Industrial Management	4023
4	Operation Research Techniques	4032
5	Project & Seminar	4033

**FINAL YEAR B.E. PART-II
MECHANICAL ENGINEERING
(NEW1)**

1	Production Planning & Control	4822
2	Machine Tool Design	4826
3	Automobile Engineering	4829
4	Operation Research Technique	4830
5	Project & Seminar	4831

**FINAL YEAR B.E. PART-II
PRODUCTION ENGINEERING
(NEW1)**

1	Advanced Productivity Techniques	4048
2	Process Engineering	4049
3	Machine Tools Control	4050
4	Operation Research Technique	4051
5	Project & Seminar	4052

**FINAL YEAR B.E. PRODUCTION
ENGINEERING**

1	Production Planning & Control	4041
2	Computer Aided Design & Manufacturing	4042
3	Industrial Management	4043
4	Mechanical Estimation & Costing	4044
5	Marketing & Sales Management	4045
6	Plastic Engineering	4046
7	Advanced Welding Technology	4047
8	Advanced Productivity Techniques	4048
9	Process Engineering	4049
10	Machine Tools Control	4050
11	Operation Research Technique	4051
12	Project & Seminar	4052

**FINAL YEAR B.TECH.
(FOOD/PULP & PAPER/OIL &
PAINT/PETROCHEMICAL
TECHNOLOGY)**

1	Chemical Engineering Operation-III (Mass Transfer)	8091
2	Chemical Reaction Engineering-I (Kinetics)	8092
3	Special Tech.-IV	8093
4	Industrial Waste Treatment	8094
5	Plant Design And Project Engineering	8095
6	Special Tech.-V	8096
7	Special Tech.-VI	8097
8	Bio-Chemical Engineering	8098
9	Chemical Reaction Engineering-II	8099
10	Project Seminar	8100

**FINAL YEAR BACHELOR OF
TEXTILE ENGINEERING**

1	Advance Spinning	9041
2	Advance Weaving	9042
3	Textile Testing-II	9043
4	Process Control In Spinning	9044
5	Process Control In Weaving	9045
6	Textile Mill Planning & Organisation	9046
7	Chemical Process-II	9047
8	Automatic Control	9048
9	Project & Seminar	9049

FIRST YEAR B.E.

1	Mathematics-I	1001
2	Mathematics-II	1002
3	Physics	1003
4	Chemistry	1004
5	Computer Science	1005
6	Engineering Mechanics	1006
7	Electrical Engineering	1007
8	Engineering Drawing	1008
9	Workshop	1009

**FIRST YEAR B.E. PART TIME
(CIVIL ENGINEERING) (NEW)**

1	Mathematics - III	6001
2	Strength Of Materials	6002
3	Surveying - I	6003
4	Building Construction	6004
5	Geology & Engineering Materials	6005
6	Social Sciences & Engineering Economics	6006
7	Reinforced Cement Concrete - I	6007

**FIRST YEAR B.E. PART TIME
(CIVIL ENGINEERING) (NEW1)**

1	Mathematics-III	6011
2	Strength Of Materials	6012
3	Surveying-I	6013
4	Building Construction & Materials	6014
5	Engineering Geology	6015
6	Communication Skills	6016

**FIRST YEAR B.E. PART TIME
(CIVIL ENGINEERING) (NEW1)**

7	Concrete Technology & Reinforced Cement Concrete-I	6017
8	Computer Aided Drafting	6018

**FIRST YEAR B.E. PART TIME
(CIVIL ENGINEERING) (OLD)**

1	Mathematics-III	6021
2	Strength Of Materials	6022
3	Surveying-I	6023
4	Building Construction	6024
5	Geology & Engg. Materials	6025
6	Social Science & Engg. Economics	6026
7	Theory Of Structure-I	6027
8	Reinforced Cement Concrete-I	6028

**FIRST YEAR B.TECH.
CHEMICAL/POLYMER
(PLASTIC) TECHNOLOGY**

1	Inorganic Chemistry	8001
2	Organic Chemistry	8002
3	App.Physical Chemistry	8003
4	Applied Physics	8004
5	Applied Mathematics-I	8005
6	Mechanical Technology	8006
7	Applied Mechanics	8007
8	Engineering Drawing	8008
9	Workshop Practice	8009
10	Basic Computer Science	8010

**FIRST YEAR BACHELOR OF
ARCHITECTURE**

1	Basic & Architectural Design	8511
2	Building Construction-I	8512
3	Solid Geometry & Scale Drawing	8513
4	Visual Arts	8514
5	History Of Culture	8515
6	Structure-I	8516
7	Building Materials-I	8517
8	Communication Skills	8518
9	Work Shop	8519

**FIRST YEAR BACHELOR OF
TEXTILE ENGINEERING**

1	Applied Physics	9011
2	Applied Chemistry	9012
3	Applied Mathematics-I	9013
4	Engineering Drawing	9014
5	Spinning-I	9015
6	Weaving-I	9016
7	Mechanical Technology	9017
8	Applied Mechanics	9018
9	Workshop Practice	9019

**FIRST YEAR M.E. PART-I (FULL-
TIME) ELECTRICAL ENGG.
(ELECTRICAL POWER SYSTEM)**

1	Optimization Techniques	5140
2	Generation Planning & Load Dispatch	5141

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FIRST YEAR M.E. PART-I (FULL-TIME) ELECTRICAL ENGG. (ELECTRICAL POWER SYSTEM)

3	Microprocessor Applications	5142
4	Microprocessor Laboratory	5143
5	Power System Dynamics-I	5144
6	Optimal Control	5145

FIRST YEAR M.E. PART-I (PART-TIME) (NEW COURSE) COMPUTER SCIENCE & ENGINEERING

1	Algorithmics	5210
2	Advanced Computer Architecture	5211
3	Operating System Design	5212
4	Seminar	5213

FIRST YEAR M.E. PART-I (PART-TIME) (OLD COURSE) COMPUTER SCIENCE & ENGINEERING

1	Object Oriented Prog.	5200
2	Parallel Computing	5201
3	Advanced Computer Architecture	5211
4	Expert System Design	5202
5	Seminar	5203

FIRST YEAR M.E. PART-I (PART-TIME) (OLD COURSE) ELECTRICAL (E.P.S.) ENGINEERING

1	Optimization Techniques	5130
2	Generation Planning & Load Dispatch	5131
3	Microprocessor Applications	5132
4	Microprocessor Laboratory	5133

FIRST YEAR M.E. PART-I (PART-TIME) (OLD COURSE) ELECTRONICS ENGINEERING

1	Solid State Devices & IC Tech.	5160
2	Microprocessor & Microcomputers	5161
3	Digital Instrumentation	5162
4	Laboratory-I	5163

FIRST YEAR M.E. PART-I (PART-TIME) CIVIL (ENVIRONMENTAL ENGINEERING)

1	Environmental Sciences	5120
2	Environmental Chemistry	5121
3	Watershed Management	5122
4	Practical	5123

FIRST YEAR M.E. PART-I (PART-TIME) CIVIL (GEOTECHNICAL ENGINEERING)

1	Finite Diff. Method In Geotechnical Engg.	5101
2	Finite Element Method In Geotechnical Engg.	5102
3	Advanced Soil Mechanics	5103
4	Practicals	5104

FIRST YEAR M.E. PART-I (PART-TIME) CIVIL (STRUCTURAL ENGINEERING)

1	Engineering Mathematics	5110
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FIRST YEAR M.E. PART-I (PART-TIME) CIVIL (STRUCTURAL ENGINEERING)

2	Computer Programming & Numerical Methods	5111
3	Matrix Methods Of Structural Methods	5112
4	Practicals	5113

FIRST YEAR M.E. PART-I (PART-TIME) MECHANICAL (THERMAL POWER ENGINEERING)

1	Advanced Mathematics	5150
2	Fluid Dynamics	5151
3	Instrumentation	5152
4	Instrumentation Practical	5153

FIRST YEAR M.E. PART-I (PART-TIME) PRODUCTION TECHNOLOGY & MANAGEMENT

1	Advanced Metal Cutting & Welding Technology	5220
2	Production Management	5221
3	Productivity & Quality Management	5222

FIRST YEAR M.E. PART-II (FULL-TIME) ELECTRICAL ENGG. (ELECTRICAL POWER SYSTEM)

1	Switch Gear & Protection	5340
2	Switch Gear & Protection Laboratory	5341
3	High Voltage Transmission	5342
4	Power System Dynamics-II	5343
5	Computer Methods In Power System Analysis	5344
6	Comp. Methods In Power System Analysis - Practical	5345

FIRST YEAR M.E. PART-II (PART-TIME) (NEW COURSE) COMPUTER SCIENCE & ENGINEERING

1	Digital Image Processing	5385
2	Computer Communication Networks	5386
3	Database Modelling & Design	5387
4	Network Programming	5388

FIRST YEAR M.E. PART-II (PART-TIME) (OLD COURSE) COMPUTER SCIENCE & ENGINEERING

1	Digital Image Proc.	5381
2	Local Area Network	5382
3	Computer Communication Networks	5386
4	Software Engg.	5383
5	Windows Programming	5384

FIRST YEAR M.E. PART-II (PART-TIME) (OLD COURSE) ELECTRICAL (E.P.S.) ENGINEERING

1	Power System Dynamics-I	5330
2	Optimal Control	5331
3	Switch Gear & Protection	5332
4	Switch Gear & Protection Laboratory	5333

FIRST YEAR M.E. PART-II (PART-TIME) (OLD COURSE) ELECTRONICS ENGINEERING

1	Digital System Design	5355
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FIRST YEAR M.E. PART-II (PART-TIME) (OLD COURSE) ELECTRONICS ENGINEERING

2	Digital Signal Processing	5356
3	Computer Organization & Prog.	5357
4	Laboratory-II	5358

FIRST YEAR M.E. PART-II (PART-TIME) CIVIL (ENVIRONMENTAL ENGINEERING)

1	Air Pollution & Control	5320
2	Environmental Microbiology	5321
3	Environmental Sanitation	5322
4	Industrial Waste Water Treatment	5323
5	Practical	5324

FIRST YEAR M.E. PART-II (PART-TIME) CIVIL (GEOTECHNICAL ENGINEERING)

1	Soil Dynamics	5301
2	Soil Improvement	5302
3	Foundation Engineering	5303
4	Practicals	5304

FIRST YEAR M.E. PART-II (PART-TIME) CIVIL (STRUCTURAL ENGINEERING)

1	Theory Of Plates & Shells	5310
2	Structural Analysis	5311
3	Experimental Stress Analysis	5312
4	Practicals	5313

FIRST YEAR M.E. PART-II (PART-TIME) MECHANICAL (THERMAL POWER ENGINEERING)

1	Advanced Themodynamics	5350
2	Conduction & Radiation Heat Transfer	5351
3	Convection Heat & Mass Transfer & Heat Exchanger	5352
4	Heat Transfer Practical	5353

FIRST YEAR M.E. PART-II (PART-TIME) PRODUCTION TECHNOLOGY & MANAGEMENT

1	Advanced Metal Forming & Casting Technology	5390
2	Operation Research Techniques	5391
3	Plastic Engineering	5595
4	Product Design	5596
5	Ergonomics & Wokr Design	5597

FIVE YEAR B.ARCH. SEMESTER : EIGHTH (SEMESTER PATTERN) (CGS)

1	08AR01 Arcitectoral Design-VIII	8631
2	08AR02 Advance Construction-II	8632
3	08AR03 Environmental Services-II	8633
4	08AR04 Sustanaible Architecture	8634
5	08AR05 Landscape Design	8635
6	08AR06 Housing	8636

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
FIVE YEAR B.ARCH. SEMESTER : EIGHTH (SEMESTER PATTERN) (CGS)			FIVE YEAR B.ARCH. SEMESTER : FIFTH (SEMESTER PATTERN) (CGS)			FIVE YEAR B.ARCH. SEMESTER : SEVENTH (SEMESTER PATTERN) (CGS)		
7	08AR06 Environmental Planning	8637	35	5FEIT05 IT Ethics & Practices	5031	6	7AR06 Architectural Design Studio - VII	8626
8	08AR06 Construction Management	8638	36	5FETX05 Technical Textiles	5032	7	7AR07 Advance Construction Studio - I	8627
9	08AR07 Architectural Design Studio-VIII - Lab.	8639	37	5FETX05 Fashion & Clothing Science	5033	8	7AR08 Urban Planning Studio	8628
10	08AR08 Advance Construction Studio-II - Lab.	8640	38	5FEPP05 Polymer & Rubber Technology	5036	FIVE YEAR B.ARCH. SEMESTER : SIXTH (SEMESTER PATTERN) (CGS)		
11	08AR09 Landscape Design Studio - Lab.	8641	39	5FEPP05 Decorating Plastics	5037	1	06AR01 Architectural Design-VI	8611
FIVE YEAR B.ARCH. SEMESTER : FIFTH (SEMESTER PATTERN) (CGS)			40	5FECT05 Env. Impact : Risk Assesment & Mngt.	5038	2	06AR02 Building Materials & Construction-VI	8612
1	05AR01 Building Materials & Constraction-V	8601	41	05AR06 Architectural Design Studio - V	8605	3	06AR03 Architectural Structure-V	8613
2	05AR02 Building Services & Equipment	8602	42	05AR07 Building Materials & Construction Studio-V	8606	4	06AR04 Estimate & Costing	8614
3	05AR03 Architectural Structure - IV	8603	43	05AR08 Interior Design - I	8607	5	6FECE05 Disaster Management	6001
4	05AR04 Specification	8604	44	05AR09 Working Drawing - II	8608	6	6FECE05 Environmental Management	6002
5	5FECE05 Introduction Of Earthquake Engineering	5001	FIVE YEAR B.ARCH. SEMESTER : FOURTH (SEMESTER PATTERN) (CGS)			7	6FEME05 Automobile Engineering	6003
6	5FECE05 Basics Of Building Construction	5002	1	04AR01 Architectural Design - IV	8591	8	6FEME05 Non-conventional Energy Systems	6004
7	5FECE05 Watershed Management	5003	2	04AR02 Building Materials & Construction - IV	8592	9	6FEME05 Energy Management	6005
8	5FEME05 Manufacturing Techniques	5004	3	04AR03 History Of Architecture - IV	8593	10	6FEPE05 Industrial Automation	6006
9	5FEME05 Ergonomics	5005	4	04AR04 Applied Climatology - II	8594	11	6FEPE05 Engg. Economics & Entrepreneurship Develop.	6007
10	5FEME05 Production Management	5006	5	04AR05 Architectural Structure - III	8595	12	6FEPE05 Electrical Estimating & Costing	6008
11	5FEME05 Project Management	5007	6	04AR06 Architectural Design Studio -IV	8596	13	6FEPE05 Power Sypply Systems	6009
12	5FEPE05 Industrial Engineering	5008	7	04AR07 Building Materials & Construction Studio-IV	8597	14	6FEPE05 Electrical Estimating & Costing	6010
13	5FEPE05 Industrial Safety Management	5009	8	04AR08 Computer Graphics Studio - II	8598	15	6FEPE05 Power Supply Systems	6011
14	5FEPE05 Energy Audit & Management	5010	9	04AR09 Working Drawing - I	8599	16	6FEEX05 Electrical Estimating & Costing	6012
15	5FEPE05 Electrical Drives	5011	FIVE YEAR B.ARCH. SEMESTER : NINETH (SEMESTER PATTERN) (CGS)			17	6FEEX05 Power Sypply Systems	6013
16	5FEPE05 Energy Audit & Management	5012	1	09AR01 Practical Training	8651	18	6FEXT5 Introduction To Wireless Technology	6014
17	5FEPE05 Electrical Drives	5013	FIVE YEAR B.ARCH. SEMESTER : SECOND (NEW) (SEMESTER PATTERN) (CGS)			19	6FEXT5 Elect. Test Instruments : Analog & Digital	6015
18	5FEEX05 Energy Audit & Management	5014	1	02AR01 Building Materials & Construction - II	8571	20	6FEXN5 Introduction To Wireless Technology	6016
19	5FEEX05 Electrical Drives	5015	2	02AR02 Architectural Graphics - II	8572	21	6FEXN5 Elect. Test Instruments- Analog & Digital	6017
20	5FEXT05 Consumer Electronics	5016	3	02AR03 History Of Architecture - I	8573	22	6FEKS05 Database Management Systems	6018
21	5FEXT05 Fibre Optics	5017	4	02AR04 Theory Of Architecture - I	8574	23	6FEKS05 Software Project Management	6019
22	5FEXN05 Consumer Electronics	5018	5	02AR05 Architectural Structure-I	8580	24	6FEKE05 Java Programming	6020
23	5FEXN05 Fibre Optics	5019	6	02AR06 Architectural Design-II	8576	25	6FEKE05 Expert Systems	6021
24	5FEKS05 Data Structures & Alogorithms	5020	7	02AR07 Building Materials & Construction Studio-II	8577	26	6FEBM05 Modelling And Simulation	6022
25	5FEKS05 Data Communication & Networking	5021	8	02AR08 Architectural Graphics Studio - II	8578	27	6FEBM05 Biomedical Image Processing	6023
26	5FEKE05 Web Technologies	5022	9	02AR09 Modeling Workshop	8579	28	6FECH05 Renewabel Energy Sources	6024
27	5FEKE05 Object Oriented Programming	5023	FIVE YEAR B.ARCH. SEMESTER : SEVENTH (SEMESTER PATTERN) (CGS)			29	6FEBM05 Water Technology	6025
28	5FEBM05 Medical Instrumentation	5024	1	7AR01 Advance Construction - I	8621	30	6FEIE05 Control System And Components	6026
29	5FEBM05 Principles Of Biomateirals & Biomechanics	5025	2	7AR02 Environmental Services - I	8622	31	6FEIE05 Industrial Automation & Process Control	6027
30	5FECH05 Air Pollution Control	5026	3	7AR03 Professional Practice	8623	32	6FEIT05 E Commerce	6028
31	5FECH05 Risk & Safety Management In Industries	5027	4	7AR04 Urban Planning	8624	33	6FEIT05 Knowledge Management	6029
32	5FEIE05 Sensor & Transducers	5028	5	7AR05 Architectural Structure - VI	8625	34	6FETX05 Computer Aided Textile & Fashion Designing	6030
33	5FEIE05 Advance Sensors & Transmitters	5029				35	6FETX05 Fashion Technology	6031
34	5FEIT05 Introduction To Computer Networks	5030						

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FIVE YEAR B.ARCH. SEMESTER : SIXTH (SEMESTER PATTERN) (CGS)

36	06FEPP05 Packaging Technology	6034
37	06FEPP05 Composite Technology	6035
38	06AR06 Acoustics & Illumination	8615
39	06AR07 Architectural Design Studio-VI	8616
40	06AR08 Building Materials & Construction Studio-VI	8617
41	06AR09 Interior Design-II	8618

FIVE YEAR B.ARCH. SEMESTER : TENTH (SEMESTER PATTERN) (CGS)

1	010AR01 Industrial Architecture	8661
2	010AR01 Climate Responsive Architecture	8662
3	010AR01 Vernacular Architecture	8663
4	010AR02 Architectural Project / Thesis	8664
5	010AR03 Seminar	8665

FIVE YEAR B.ARCH. SEMESTER : THIRD (SEMESTER PATTERN) (CGS)

1	03AR01 Applied Materials	8581
2	03AR02 Building Materials & Construction-III	8582
3	03AR03 History Of Architecture-II	8583
4	03AR04 Applied Climatology-I	8584
5	03AR05 Architectural Structure-II	8585
6	03AR06 Architectural Design Studio - III	8586
7	03AR07 Building Materials & Const. Studio-III	8587
8	03AR08 Computer Graphics Studio-I	8588
9	03AR09 Surveying & Levelling - Lab.	8589

FIVE YEAR B.ARCH.SEMESTER : EIGHTH (SEMESTER PATTERN)

1	Architectural Design-VI	8431
2	Advanced Building Construction-II	8432
3	Landscape Design	8433
4	Advanced Services	8434
5	Urban Planning-II	8435
6	Construction Management	8436
7	Architectural Illumination	8437
8	Professional Practice & Valuation	8438
9	Working Drawing-IV	8439

FIVE YEAR B.ARCH.SEMESTER : FIFTH (SEMESTER PATTERN)

1	Architectural Design-III	8401
2	Appropriate Construction Technology-I	8402
3	Structure-V	8403
4	History Of Architecture-III	8404
5	Building Services & Equipment-I	8405
6	Specifications-I	8406
7	Estimating	8407

FIVE YEAR B.ARCH.SEMESTER : FIFTH (SEMESTER PATTERN)

8	Human Settlement	8408
9	Working Drawing-I	8409

FIVE YEAR B.ARCH.SEMESTER : FIRST (SEMESTER PATTERN)

1	Basic Architectural Design-I	8561
2	Building Construction-I	8562
3	Architectural Graphics-I	8563
4	Visual Arts-I	8564
5	Communication Skill	8565
6	Structure-I	8566
7	Building Materials-I	8567
8	History Of Culture-I	8568
9	Work Shop-I	8569

FIVE YEAR B.ARCH.SEMESTER : FIRST (SEMESTER PATTERN) (CGS)

1	01AR01 Building Materials & Construction - I	8561
2	01AR02 Architectural Graphics - I	8562
3	01AR03 History Of Architecture & Culture - I	8563
4	01AR04 Computer Graphics	8564
5	01AR05 Architectural Communication Skill	8565
6	01AR06 Architectural Design - I	8566
7	01AR07 Building Materials & Construction Studio-I	8567
8	01AR08 Architectural Graphics Studio-I	8568
9	01AR09 Visual Arts Studio - I	8569

FIVE YEAR B.ARCH.SEMESTER : FOURTH (SEMESTER PATTERN)

1	Architectural Design-II	8391
2	Building Construction-IV	8392
3	Structure-IV	8393
4	History Of Architecture-II	8394
5	Applied Climatology-II	8395
6	Computer Graphics-II	8396
7	Design Fundamentals	8397
8	Graphics-II(Perspective & Sciography)	8398
9	Surveying & Leveling-II	8399

FIVE YEAR B.ARCH.SEMESTER : NINENTH (SEMESTER PATTERN)

1	Practical Training (Sessional)	8441
2	Practical Training (Viva-Voce)	8442

FIVE YEAR B.ARCH.SEMESTER : SECOND (SEMESTER PATTERN)

1	Basic Architectural Design-II	8571
2	Building Construction-II	8572
3	Architectural Graphics-II	8573
4	Visual Arts-II	8574
5	Basics Of Computer Graphics-I	8575
6	Structure-II	8576
7	Building Materials-II	8577

FIVE YEAR B.ARCH.SEMESTER : SECOND (SEMESTER PATTERN)

8	History Of Culture-II	8578
9	Work Shop-II	8579

FIVE YEAR B.ARCH.SEMESTER : SECOND (SEMESTER PATTERN) (CGS)

1	02AR01 Building Materials & Construction - II	8571
2	02AR02 Architectural Graphics - II	8572
3	02AR03 History Of Architecture - I	8573
4	02AR04 Theory Of Architecture - I	8574
5	02AR05 Mechanics Of Structure-I	8575
6	02AR06 Architectural Design-II	8576
7	02AR07 Building Materials & Construction Studio-II	8577
8	02AR08 Architectural Graphics Studio - II	8578
9	02AR09 Modeling Workshop	8579

FIVE YEAR B.ARCH.SEMESTER : SEVENTH (SEMESTER PATTERN)

1	Architectural Design-V	8421
2	Advanced Building Construction-I	8422
3	Interior Design-II	8423
4	Environmental Sanitation & Services	8424
5	Urban Planning-I(Housing)	8425
6	Theory Of Architecture	8426
7	Architectural Acoustic	8427
8	Professional Practice & Real Estate Legislation	8428
9	Working Drawing-III	8429

FIVE YEAR B.ARCH.SEMESTER : SIXTH (SEMESTER PATTERN)

1	Architectural Design-IV	8411
2	Appropriate Construction Technology-II	8412
3	Structure-VI	8413
4	History Of Architecture-IV	8414
5	Building Services & Equipments-II	8415
6	Specifications-II	8416
7	Interior Design-I	8417
8	Computer Applications	8418
9	Working Drawing-II	8419

FIVE YEAR B.ARCH.SEMESTER : TENTH (SEMESTER PATTERN)

1	Dissertation	8453
2	Project	8451
3	Seminar	8452

FIVE YEAR B.ARCH.SEMESTER : THIRD (SEMESTER PATTERN)

1	Architectural Design-I	8701
2	Building Construction-III	8702
3	Structure-III	8703
4	History Of Architecture-I	8704
5	Applied Climatology-I	8705

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FIVE YEAR B.ARCH.SEMESTER : THIRD (SEMESTER PATTERN)

6	Computer Graphics-I	8706
7	Building Materials-III	8707
8	Graphics-I(Perspective&Sciography)	8708
9	Surveying & Leveling-I	8709

FOUR YEAR B.E. SEM.-I & SEM.-II (DIRECT SECOND YEAR ADMISSION) (B. SC. HOLDER)

1	1A3 Engineering Mechanics	1303
2	1A4 Engineering Drawing	1304
3	1A7 Engineering Mechanics (Practical)	1307
4	1A8 Engineering Drawing (Practical)	1308

FOUR YEAR B.E. SEMESTER : EIGHTH (BIOMEDICAL ENGINEERING)

1	Professional Ethics & Values	4891
2	Bio Medical Imaging Systems	4892
3	Nuclear Medicine	4893
4	Advanced Medical Equipments	4894
5	Bio Medical Embedded System Design	4895
6	Project & Seminar	4896

FOUR YEAR B.E. SEMESTER : EIGHTH (BIOMEDICAL ENGINEERING) (CGS)

1	8BM01 Professional Ethics & Values	4551
2	8BM02 Bio Medical Imaging Systems	4552
3	8BM03 Bio-Inspired Alogorithm	4553
4	8BM03 Biofluids & Dynamics	4554
5	8BM04 Bio Medical Embedded System Design	4555
6	8BM05 Bio Medical Imaging Systems - Lab.	4556
7	8BM06 Bio Medical Embedded System Design - Lab.	4557
8	8BM07 Project & Seminar	4558

FOUR YEAR B.E. SEMESTER : EIGHTH (CIVIL ENGG.) (IMPROVEMENT OF DIVISION)

1	Irrigation Engineering	4801
2	Environmental Engineering-II	4802
3	Water Power Engineering	4803
4	Advanced Water Treatment	4804
5	Traffic Engineering	4805
6	Advanced Structural Analysis	4806
7	Advanced R.C.C. Design	4807
8	Environmental Pollution & Control	4808
9	Dam Engineering	4809
10	Advanced Waste Water Treatment	4810
11	Advanced Soil Mechanics	4811
12	Matrix Computer Analysis Of Structures	4812
13	Advanced Design Of Steel Structures	4813
14	Analysis Of Structures By Finite Elements	4814
15	Project & Seminar	4815

FOUR YEAR B.E. SEMESTER : EIGHTH (CIVIL ENGG.) (NEW) (IMPROVEMENT OF DIVISION)

1	Water Resources Engineering-II	3804
2	Estimating & Costing	4401
3	Environmental Engineering-II	4402
4	Project Planning & Management	4403
5	Advanced Design Of Steel Structures	4404
6	Advanced Waste Water & Industrial Waste Treatment	4405
7	Finite Element Method	4406
8	Dam Engineering	4407
9	Advanced Engineering Geology	4408
10	Matrix Computer Analysis Of Structures	4409
11	Advanced Structural Analysis	4410
12	Rock Mechanics	4411
13	Advanced Design Of R. C. C. Structures	4412
14	Computer Aided Design Of Structures	4413
15	Project	4414

FOUR YEAR B.E. SEMESTER : EIGHTH (CIVIL ENGINEERING)

1	Irrigation Engineering	4801
2	Environmental Engineering-II	4802
3	Water Power Engineering	4803
4	Advanced Water Treatment	4804
5	Traffic Engineering	4805
6	Advanced Structural Analysis	4806
7	Advanced R.C.C. Design	4807
8	Environmental Pollution & Control	4808
9	Dam Engineering	4809
10	Advanced Waste Water Treatment	4810
11	Advanced Soil Mechanics	4811
12	Matrix Computer Analysis Of Structures	4812
13	Advanced Design Of Steel Structures	4813
14	Analysis Of Structures By Finite Elements	4814
15	Project & Seminar	4815

FOUR YEAR B.E. SEMESTER : EIGHTH (CIVIL ENGINEERING) (CGS)

1	8CE01 Water Resources Engineering-II	4401
2	8CE02 Environmental Engineering-II	4402
3	8CE03 Project Planning & Management	4403
4	8CE04 Advanced Design Of Steel Structures	4404
5	8CE04 Adv.Waste Water & Industrial Waste Treatment	4405
6	8CE04 Finite Element Method	4406
7	8CE04 Dam Engineering	4407
8	8CE04 Advanced Engineering Geology	4408
9	8CE04 Matrix Computer Analysis Of Structures	4409
10	8CE04 Advanced Structural Analysis	4410

FOUR YEAR B.E. SEMESTER : EIGHTH (CIVIL ENGINEERING) (CGS)

11	8CE04 Rock Mechanics	4411
12	8CE04 Advanced Design Of RCC Structures	4412
13	8CE05 Water Resources Engineering-II - Lab.	4413
14	8CE06 Environmental Engineering-II - Lab.	4414
15	8CE07 Project & Seminar	4415

FOUR YEAR B.E. SEMESTER : EIGHTH (CIVIL ENGINEERING) (NEW)

1	Water Resources Engineering-II	3804
2	Estimating & Costing	4401
3	Environmental Engineering-II	4402
4	Project Planning & Management	4403
5	Advanced Design Of Steel Structures	4404
6	Advanced Waste Water & Industrial Waste Treatment	4405
7	Finite Element Method	4406
8	Dam Engineering	4407
9	Advanced Engineering Geology	4408
10	Matrix Computer Analysis Of Structures	4409
11	Advanced Structural Analysis	4410
12	Rock Mechanics	4411
13	Advanced Design Of R. C. C. Structures	4412
14	Computer Aided Design Of Structures	4413
15	Project	4414

FOUR YEAR B.E. SEMESTER : EIGHTH (COMP. SCI. & ENGG.) (IMPROVEMENT OF DIVISION)

1	Digital Signal Processing	4881
2	Software Engineering	4882
3	Advanced Unix Programming	4883
4	Advanced Data Base Management System	4884
5	Multimedia Technologies	4885
6	Embedded Systems	4886
7	Internet Technologies	4887
8	Project & Seminar	4888

FOUR YEAR B.E. SEMESTER : EIGHTH (COMPUTER ENGINEERING) (CGS)

1	8KE01 Digital Signal Processing	4541
2	8KE02 Embedded Systems	4542
3	8KE03 Software Engineering	4543
4	8KE04 Network Security	4544
5	8KE04 Multimedia Technologies	4545
6	8KE04 Expert System Design	4546
7	8KE04 Soft Computing	4547
8	8KE05 Digital Signal Processing - Lab.	4548
9	8KE06 Embedded Systems - Lab.	4549
10	8KE07 Project & Seminar	4550

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.E. SEMESTER :
EIGHTH (COMPUTER
ENGINEERING)**

1	Embedded Systems	4431
2	Software Engineering	4432
3	Human Computer Interface	4433
4	Multimedia Technologies	4434
5	Expert Systems	4435
6	Modelling & Simulation	4436
7	Project & Seminar	4437

**FOUR YEAR B.E. SEMESTER :
EIGHTH (COMPUTER SCIENCE
& ENGINEERING)**

1	Digital Signal Processing	4881
2	Software Engineering	4882
3	Advanced Unix Programming	4883
4	Advanced Data Base Management System	4884
5	Multimedia Technologies	4885
6	Embedded Systems	4886
7	Internet Technologies	4887
8	Project & Seminar	4888

**FOUR YEAR B.E. SEMESTER :
EIGHTH (COMPUTER SCIENCE
& ENGINEERING) (CGS)**

1	8KS01 Artificial Intelligence	4531
2	8KS02 Embedded Systems	4532
3	8KS03 Software Engineering	4533
4	8KS04 Distributed Computing	4534
5	8KS04 Mobile Computing	4535
6	8KS04 Soft Computing	4536
7	8KS04 Network Security	4537
8	8KS05 Artificial Intelligence - Lab.	4538
9	8KS06 Embedded Systems - Lab.	4539
10	8KS07 Project & Seminar	4540

**FOUR YEAR B.E. SEMESTER :
EIGHTH (ELECTRICAL &
ELECTRONICS ENGINEERING)**

1	Power Systems Operation & Control	4451
2	Switchgear & Protection	4452
3	Embedded Systems	4453
4	Power System Management	4454
5	Fuzzy Logic & Control	4455
6	RPC & Facts Controller	4456
7	Power Quality	4457
8	Project & Seminar	4458

**FOUR YEAR B.E. SEMESTER :
EIGHTH (ELECTRICAL &
ELECTRONICS ENGINEERING)
(CGS)**

1	8EX01 Power System Operation & Control	4481
2	8EX02 Switchgear & Protection	4482
3	8EX03 Embedded Systems	4483
4	8EX04 Power System Management	4484
5	8EX04 Fuzzy Logic & Control	4485

**FOUR YEAR B.E. SEMESTER :
EIGHTH (ELECTRICAL &
ELECTRONICS ENGINEERING)
(CGS)**

6	8EX04 RPC & Facts Controller	4486
7	8EX04 Power Quality	4487
8	8EX05 Project & Seminar	4488
9	8EX06 Embedded Systems - Lab.	4489

**FOUR YEAR B.E. SEMESTER :
EIGHTH (ELECTRICAL
ENGINEERING) (CGS)**

1	8EE01 Power System Stability	4471
2	8EE02 High Voltage Engineering	4472
3	8EE03 Digital Signal Processing	4473
4	8EE04 Electric Drives & Control	4474
5	8EE04 Power Quality	4475
6	8EE04 Power System Management	4476
7	8EE04 Generalised Machine Theory	4477
8	8EE05 Project & Seminar	4478
9	8EE06 Digital Signal Processing - Lab.	4479

**FOUR YEAR B.E. SEMESTER :
EIGHTH (ELECTRONICS &
TELE.) (IMPROVEMENT OF
DIVISION)**

1	UHF & Microwave	4861
2	Electronic Circuit Design	4862
3	Communication Network	4863
4	Digital Image Processing	4864
5	Satellite Communication	4865
6	Advanced Microprocessor	4866
7	Wireless Communication	4867
8	Project & Seminar	4868

**FOUR YEAR B.E. SEMESTER :
EIGHTH (ELECTRONICS &
TELECOMMUNICATION ENGG.)
(CGS)**

1	8XT01 UHF & Microwaves	4491
2	8XT02 Electronics Circuit Design	4492
3	8XT03 Wireless Communication	4493
4	8XT04 Biomedical Engineering	4494
5	8XT04 Digital Image Processing	4495
6	8XT04 ARM System Development & Design	4496
7	8XT04 Embedded & Real Time Systems	4497
8	8XT04 Smart Sensors	4498
9	8XT05 UHF & Microwaves - Lab.	4499
10	8XT06 Electronics Circuit Design - Lab.	4500
11	8XT07 Project & Seminar	4501

**FOUR YEAR B.E. SEMESTER :
EIGHTH (ELECTRONICS &
TELECOMMUNICATION)**

1	UHF & Microwave	4861
2	Electronic Circuit Design	4862

**FOUR YEAR B.E. SEMESTER :
EIGHTH (ELECTRONICS &
TELECOMMUNICATION)**

3	Communication Network	4863
4	Digital Image Processing	4864
5	Satellite Communication	4865
6	Advanced Microprocessor	4866
7	Wireless Communication	4867
8	Project & Seminar	4868

**FOUR YEAR B.E. SEMESTER :
EIGHTH (ELECTRONICS
ENGINEERING) (CGS)**

1	8XN01 UHF & Microwaves	4511
2	8XN02 Electronics Circuit Design	4512
3	8XN03 VLSI Design	4513
4	8XN04 System On Chip	4514
5	8XN04 Digital Signal Processor	4515
6	8XN04 Artificial Intelligence & Robotics	4516
7	8XN04 Digital Image Processing	4517
8	8XN04 Digital Communication	4518
9	8XN04 Smart Sensors & Networks	4519
10	8XN05 UHF & Microwaves - Lab.	4520
11	8XN06 Electronics Ckt. Design & VLSI Design - Lab.	4521
12	8XN07 Project & Seminar	4522

**FOUR YEAR B.E. SEMESTER :
EIGHTH (IND. ELECTRONICS)
(IMPROVEMENT OF DIVISION)**

1	Advanced Drives & Control	4871
2	Power Electronics Circuit Design	4872
3	Process Control & Instrumentation	4873
4	Digital Image Processing	4874
5	Digital Control System	4875
6	Advanced Microprocessor	4876
7	Signal Conditioning & Data Acquisition	4877
8	Project & Seminar	4878

**FOUR YEAR B.E. SEMESTER :
EIGHTH (INDUSTRIAL
ELECTRONICS)**

1	Advanced Drives & Control	4871
2	Power Electronics Circuit Design	4872
3	Process Control & Instrumentation	4873
4	Digital Image Processing	4874
5	Digital Control System	4875
6	Advanced Microprocessor	4876
7	Signal Conditioning & Data Acquisition	4877
8	Project & Seminar	4878

**FOUR YEAR B.E. SEMESTER :
EIGHTH (INFORMATION TECH.)
(IMPROVEMENT OF DIVISION)**

1	Digital Signal Processing	4961
2	Network Administration And Security	4962
3	E-Commerce	4963

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.E. SEMESTER :
EIGHTH (INFORMATION TECH.)
(IMPROVEMENT OF DIVISION)**

4	Computer Graphics	4964
5	Distributed Data Base Management System	4965
6	Internet Technology	4966
7	Project And Seminar	4967

**FOUR YEAR B.E. SEMESTER :
EIGHTH (INFORMATION TECHNOLOGY)**

1	Digital Signal Processing	4961
2	Network Administration And Security	4962
3	E-Commerce	4963
4	Computer Graphics	4964
5	Distributed Data Base Management System	4965
6	Internet Technology	4966
7	Project And Seminar	4967

**FOUR YEAR B.E. SEMESTER :
EIGHTH (INFORMATION TECHNOLOGY) (CGS)**

1	8IT01 Digital & Wireless Communication	4601
2	8IT02 Network Administration & Security	4602
3	8IT03 Software Engineering	4603
4	8IT04 Data Warehousing & Data Mining	4604
5	8IT04 Web Commerce	4605
6	8IT04 Cloud Computing	4606
7	8IT04 Neural Networks & Fuzzy Logics	4607
8	8IT05 Network Administration & Security - Lab.	4608
9	8IT06 Software Engineering - Lab.	4609
10	8IT07 Computer Lab-V (Content Management System)	4610
11	8IT08 Project & Seminar	4611

**FOUR YEAR B.E. SEMESTER :
EIGHTH (INSTRUMENTATION ENGINEERING) (CGS)**

1	8IE01 Instrument & System Design	4591
2	8IE02 Process Modelling & Optimization	4592
3	8IE03 Process Instrumentation	4593
4	8IE04 Environmental Instrumentation	4594
5	8IE04 Advance Biomedical Instrumentation	4595
6	8IE04 Power Plant Instrumentation	4596
7	8IE04 Instrumentation For Agri. & Food Processing	4597
8	8IE05 Process Modeling & Optimization - Lab.	4598
9	8IE06 Process Instrumentation - Lab.	4599
10	8IE07 Project & Seminar	4600

**FOUR YEAR B.E. SEMESTER :
EIGHTH (INSTRUMENTATION)**

1	Instrument & System Design	4921
2	Process Modelling & Optimization	4922
3	Process Instrumentation	4923

**FOUR YEAR B.E. SEMESTER :
EIGHTH (INSTRUMENTATION)**

4	Environmental Instrumentation	4924
5	Advance Biomedical Instrumentation	4925
6	Power Plant Instrumentation	4926
7	Instrumentation For Agriculture & Food Processing	4927
8	Project & Seminar	4928

**FOUR YEAR B.E. SEMESTER :
EIGHTH (INSTRUMENTATION)
(IMPROVEMENT OF DIVISION)**

1	Instrument & System Design	4921
2	Process Modelling & Optimization	4922
3	Process Instrumentation	4923
4	Environmental Instrumentation	4924
5	Advance Biomedical Instrumentation	4925
6	Power Plant Instrumentation	4926
7	Instrumentation For Agriculture & Food Processing	4927
8	Project & Seminar	4928

**FOUR YEAR B.E. SEMESTER :
EIGHTH (MECHANICAL ENGINEERING) (CGS)**

1	8ME01 Automobile Engineering	4421
2	8ME01 Production Planning & Control	4422
3	8ME01 Management Information Systems	4423
4	8ME01 Advanced Manufacturing Systems	4424
5	8ME02 Refrigeration & Air Conditioning	4425
6	8ME02 Machine Tool Design	4426
7	8ME02 Finite Element Methods	4427
8	8ME02 Robotics	4428
9	8ME03 I.C. Engines	4429
10	8ME04 Operations Research Techniques	4430
11	8ME05 Project & Seminar	4431
12	8ME06 Refrigeration & Air Conditioning - Lab.	4432
13	8ME06 Machine Tool Design - Lab.	4433
14	8ME06 Finite Element Methods - Lab.	4434
15	8ME06 Robotics - Lab.	4435
16	8ME07 I.C. Engines - Lab.	4436
17	8ME08 Operations Research Techniques - Lab.	4437

**FOUR YEAR B.E. SEMESTER :
EIGHTH (MECHANICAL ENGG.)
(IMPROVEMENT OF DIVISION)**

1	I.C. Engines	4821
2	Production Planning & Control	4822
3	Management Information Systems	4823
4	Advanced Manufacturing Systems	4824
5	Refrigeration & Air Conditioning	4825
6	Machine Tool Design	4826
7	Finite Element Methods	4827

**FOUR YEAR B.E. SEMESTER :
EIGHTH (MECHANICAL ENGG.)
(IMPROVEMENT OF DIVISION)**

8	Robotics	4828
9	Automobile Engineering	4829
10	Operation Research Technique	4830
11	Project & Seminar	4831

**FOUR YEAR B.E. SEMESTER :
EIGHTH (MECHANICAL ENGINEERING)**

1	I.C. Engines	4821
2	Production Planning & Control	4822
3	Management Information Systems	4823
4	Advanced Manufacturing Systems	4824
5	Refrigeration & Air Conditioning	4825
6	Machine Tool Design	4826
7	Finite Element Methods	4827
8	Robotics	4828
9	Automobile Engineering	4829
10	Operation Research Technique	4830
11	Project & Seminar	4831

**FOUR YEAR B.E. SEMESTER :
EIGHTH (PRODUCTION ENGG.)
(IMPROVEMENT OF DIVISION)**

1	Advanced Productivity Techniques	4841
2	Process Engineering	4842
3	Computer Aided Manufacturing	4843
4	Operations Research Techniques	4844
5	Project & Seminar	4845

**FOUR YEAR B.E. SEMESTER :
EIGHTH (PRODUCTION ENGINEERING)**

1	Advanced Productivity Techniques	4841
2	Process Engineering	4842
3	Computer Aided Manufacturing	4843
4	Operations Research Techniques	4844
5	Project & Seminar	4845

**FOUR YEAR B.E. SEMESTER :
EIGHTH (PRODUCTION ENGINEERING) (CGS)**

1	8PE01 Advance Productivity Techniques	4441
2	8PE01 Management Information Systems	4442
3	8PE01 Materials & Logistic Management	4443
4	8PE01 Marketing & Sales Management	4444
5	8PE02 Process Engineering	4445
6	8PE03 Computer Integreted System	4446
7	8PE03 Product Design For Manufacturing & Assembly	4447
8	8PE03 Product Lifecycle Management	4448
9	8PE03 Ergonomics In Product Design & Manufacturing	4449
10	8PE04 Operation Research Technique	4450

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
FOUR YEAR B.E. SEMESTER : EIGHTH (PRODUCTION ENGINEERING) (CGS)			FOUR YEAR B.E. SEMESTER : EIGHTH ELECTRICAL ENGG.(ELECTRONICS & POWER) (CGS)			FOUR YEAR B.E. SEMESTER : FIFTH (BIOMEDICAL ENGINEERING) (CGS)		
11	8PE05 Process Engineering - Lab.	4451	4	8EP04 Electric Drives & Control	4464	28	5FECH05 Air Pollution Control	5026
12	8PE06 Computer Integrated System - Lab.	4452	5	8EP04 Power Quality	4465	29	5FECH05 Risk & Safety Management In Industries	5027
13	8PE06 Prod. Design For Manu. & Assembly - Lab.	4453	6	8EP04 Embedded Systems	4466	30	5FEIE05 Sensor & Transducers	5028
14	8PE06 Product Lifecycle Management - Lab.	4454	7	8EP04 Generalised Machine Theory	4467	31	5FEIE05 Advance Sensors & Transmitters	5029
15	8PE06 Ergonomics In Prod. Design & Manu. - Lab.	4455	8	8EP05 Project & Seminar	4468	32	5FEIT05 Introduction To Computer Networks	5030
16	8PE07 Operation Research Technique - Lab.	4456	9	8EP06 Digital Signal Processing - Lab.	4469	33	5FEIT05 IT Ethics & Practices	5031
17	8PE08 Proejct & Seminar	4457				34	5FETX05 Technical Textiles	5032

FOUR YEAR B.E. SEMESTER : EIGHTH ELECTRICAL ENGG. (ELECTRONICS & POWER)		
1	Industrial Electrical Engineering	4851
2	Industrial Automation & Control	4852
3	Power System Stability	4853
4	Linear Integrated Circuit	4854
5	Generalized Machine Theory	4855
6	High Voltage Engineering	4856
7	Power System Design Practice	4857
8	Project & Seminar	4858

FOUR YEAR B.E. SEMESTER : EIGHTH ELECTRICAL ENGG. (ELECTRONICS & POWER) (NEW)		
1	Principles Of Communication	4421
2	Power System Stability	4422
3	High Voltage Engineering	4423
4	Power System Management	4424
5	Digital Signal Processing	4425
6	Industrial Drives & Control	4426
7	Generalized Machine Theory	4427
8	Power Quality	4428
9	Project & Seminar	4429

FOUR YEAR B.E. SEMESTER : EIGHTH ELECTRICAL ENGG. (EPS)(IMPROVEMENT OF DIVISION)		
1	Industrial Electrical Engineering	4851
2	Industrial Automation & Control	4852
3	Power System Stability	4853
4	Linear Integrated Circuit	4854
5	Generalized Machine Theory	4855
6	High Voltage Engineering	4856
7	Power System Design Practice	4857
8	Project & Seminar	4858

FOUR YEAR B.E. SEMESTER : EIGHTH ELECTRICAL ENGG.(ELECTRONICS & POWER) (CGS)		
1	8EP01 Power System Stability	4461
2	8EP02 High Voltage Engineering	4462
3	8EP03 Digital Signal Processing	4463

FOUR YEAR B.E. SEMESTER : FIFTH (BIOMEDICAL ENGINEERING)		
1	Data Structures & Algorithms	3791
2	Bio Control Systems	3792
3	Bio Medical Instrumentation	3793
4	Communication Engineering	3794
5	Pathalogy & Microbiology	3795
6	Communication Skills	3796

FOUR YEAR B.E. SEMESTER : FIFTH (BIOMEDICAL ENGINEERING) (CGS)		
1	5BM01 Data Structures & Algorithms	3701
2	5BM02 Bio Control Systems	3702
3	5BM03 Bio Medical Instrumentation	3703
4	5BM04 Communication Engineering	3704

5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEME05 Manufacturing Techniques	5004
9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007
12	5FEPE05 Industrial Engineering	5008
13	5FEPE05 Industrial Safety Management	5009
14	5FEPE05 Energy Audit & Management	5010
15	5FEPE05 Electrical Drives	5011
16	5FEPE05 Energy Audit & Management	5012
17	5FEPE05 Electrical Drives	5013
18	5FEPE05 Energy Audit & Management	5014
19	5FEPE05 Electrical Drives	5015
20	5FEXT05 Consumer Electronics	5016
21	5FEXT05 Fibre Optics	5017
22	5FEXN05 Consumer Electronics	5018
23	5FEXN05 Fibre Optics	5019
24	5FEKS05 Data Structures & Alogorithms	5020
25	5FEKS05 Data Communication & Networking	5021
26	5FEKE05 Web Technologies	5022
27	5FEKE05 Object Oriented Programming	5023

FOUR YEAR B.E. SEMESTER : FIFTH (CIVIL ENGINEERING)		
1	Reinforced Cement Concrete-II	3501
2	Fluid Mechanics-II	3502
3	Environmental Engineering-I	3503
4	Surveying-II	3504
5	Building Design & Drawing	3505

FOUR YEAR B.E. SEMESTER : FIFTH (CIVIL ENGINEERING) (CGS)		
1	5CE01 Reinforced Cement Concrete-II	3501
2	5CE02 Fluid Mechanics-II	3502
3	5CE03 Building Planning & CAD	3503
4	5CE04 Surveying-II	3504
5	5FEME05 Manufacturing Techniques	5004
6	5FEME05 Ergonomics	5005
7	5FEME05 Production Management	5006
8	5FEME05 Project Management	5007
9	5FEPE05 Industrial Engineering	5008
10	5FEPE05 Industrial Safety Management	5009
11	5FEPE05 Energy Audit & Management	5010
12	5FEPE05 Electrical Drives	5011
13	5FEPE05 Energy Audit & Management	5012
14	5FEPE05 Electrical Drives	5013
15	5FEPE05 Energy Audit & Management	5014
16	5FEPE05 Electrical Drives	5015
17	5FEXT05 Consumer Electronics	5016

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.E. SEMESTER :
FIFTH (CIVIL ENGINEERING)
(CGS)**

18	5FEXT05 Fibre Optics	5017
19	5FEXN05 Consumer Electronics	5018
20	5FEXN05 Fibre Optics	5019
21	5FEKS05 Data Structures & Algorithms	5020
22	5FEKS05 Data Communication & Networking	5021
23	5FEKE05 Web Technologies	5022
24	5FEKE05 Object Oriented Programming	5023
25	5FEBM05 Medical Instrumentation	5024
26	5FEBM05 Principles Of Biomaterials & Biomechanics	5025
27	5FECH05 Air Pollution Control	5026
28	5FECH05 Risk & Safety Management In Industries	5027
29	5FEIE05 Sensor & Transducers	5028
30	5FEIE05 Advance Sensors & Transmitters	5029
31	5FEIT05 Introduction To Computer Networks	5030
32	5FEIT05 IT Ethics & Practices	5031
33	5FETX05 Technical Textiles	5032
34	5FETX05 Fashion & Clothing Science	5033
35	5FEAR05 Fundamentals Of Architectural Design	5034
36	5FEAR05 Landscape Architecture	5035
37	5FEPP05 Polymer & Rubber Technology	5036
38	5FEPP05 Decorating Plastics	5037
39	5FECT05 Env. Impact : Risk Assessment & Mngt.	5038
40	5CE06 Communication Skills	3505
41	5CE07 Fluid Mechanics-II-Lab	3506
42	5CE08 Building Planning & CAD- Lab	3507
43	5CE09 Surveying-II-Lab	3508
44	5CE10 Communication Skills-Lab	3509

**FOUR YEAR B.E. SEMESTER :
FIFTH (CIVIL ENGINEERING)
(NEW)**

1	Reinforced Cement Concrete-II	3701
2	Fluid Mechanics-II	3702
3	Environmental Engineering-I	3703
4	Water Resources Engineering-I	3704
5	Surveying-II	3705
6	Computer Aided Drafting	3706

**FOUR YEAR B.E. SEMESTER :
FIFTH (CIVIL ENGINEERING)
(NEW)**

1	Reinforced Cement Concrete-II	3701
2	Fluid Mechanics-II	3702
3	Environmental Engineering-I	3703
4	Theory Of Structures-I	2603
5	Surveying-II	3705
6	Computer Aided Drafting	3706

**FOUR YEAR B.E. SEMESTER :
FIFTH (COMPUTER
ENGINEERING) (CGS)**

1	5KE01 Data Communication	3591
2	5KE02 File Structures & Data Processing	3592
3	5KE03 System Software	3593
4	5KE04 Switching Theory & Logic Design	3594
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEME05 Manufacturing Techniques	5004
9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007
12	5FEPE05 Industrial Engineering	5008
13	5FEPE05 Industrial Safety Management	5009
14	5FEPP05 Energy Audit & Management	5010
15	5FEPP05 Electrical Drives	5011
16	5FEPE05 Energy Audit & Management	5012
17	5FEPE05 Electrical Drives	5013
18	5FEEX05 Energy Audit & Management	5014
19	5FEEX05 Electrical Drives	5015
20	5FEXT05 Consumer Electronics	5016
21	5FEXT05 Fibre Optics	5017
22	5FEXN05 Consumer Electronics	5018
23	5FEXN05 Fibre Optics	5019
24	5FEKS05 Data Structures & Algorithms	5020
25	5FEKS05 Data Communication & Networking	5021
26	5FEBM05 Medical Instrumentation	5024
27	5FEBM05 Principles Of Biomaterials & Biomechanics	5025
28	5FECH05 Air Pollution Control	5026
29	5FECH05 Risk & Safety Management In Industries	5027
30	5FEIE05 Sensor & Transducers	5028
31	5FEIE05 Advance Sensors & Transmitters	5029
32	5FEIT05 Introduction To Computer Networks	5030
33	5FEIT05 IT Ethics & Practices	5031
34	5FETX05 Technical Textiles	5032
35	5FETX05 Fashion & Clothing Science	5033
36	5FEAR05 Fundamentals Of Architectural Design	5034
37	5FEAR05 Landscape Architecture	5035
38	5FEPP05 Polymer & Rubber Technology	5036
39	5FEPP05 Decorating Plastics	5037
40	5FECT05 Env. Impact : Risk Assessment & Mngt.	5038
41	5KE06 Communication Skills	3595
42	5KE07 System Software-Lab	3596

**FOUR YEAR B.E. SEMESTER :
FIFTH (COMPUTER
ENGINEERING) (CGS)**

43	5KE08 Switching Theory & Logic Design-Lab	3597
44	5KE09 Communication Skills-Lab	3598

**FOUR YEAR B.E. SEMESTER :
FIFTH (COMPUTER
ENGINEERING)**

1	Business Organisation & Management	3771
2	Digital Logic Design	3772
3	Data Communication	3773
4	Files Structure & Data Processing	3774
5	Operations Research	3775
6	Communication Skills	3776

**FOUR YEAR B.E. SEMESTER :
FIFTH (COMPUTER SCIENCE &
ENGINEERING)**

1	Principle Of Management	3561
2	Switching Theory & Logic Design	3562
3	Computer Organisation & Architecture	3563
4	File Structure & Data Processing	3564
5	Object Oriented Technologies	3565
6	Computer Laboratory-III	3566

**FOUR YEAR B.E. SEMESTER :
FIFTH (COMPUTER SCIENCE &
ENGINEERING) (CGS)**

1	5KS01 Data Communication	3581
2	5KS02 File Structures & Data Processing	3582
3	5KS03 System Software	3583
4	5KS04 Switching Theory & Logic Design	3584
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEME05 Manufacturing Techniques	5004
9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007
12	5FEPE05 Industrial Engineering	5008
13	5FEPE05 Industrial Safety Management	5009
14	5FEPP05 Energy Audit & Management	5010
15	5FEPP05 Electrical Drives	5011
16	5FEPE05 Energy Audit & Management	5012
17	5FEPE05 Electrical Drives	5013
18	5FEEX05 Energy Audit & Management	5014
19	5FEEX05 Electrical Drives	5015
20	5FEXT05 Consumer Electronics	5016
21	5FEXT05 Fibre Optics	5017
22	5FEXN05 Consumer Electronics	5018
23	5FEXN05 Fibre Optics	5019

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.E. SEMESTER :
FIFTH (COMPUTER SCIENCE &
ENGINEERING) (CGS)**

24	5FEKE05 Web Technologies	5022
25	5FEKE05 Object Oriented Programming	5023
26	5FEBM05 Medical Instrumentation	5024
27	5FEBM05 Principles Of Biomaterials & Biomechanics	5025
28	5FECH05 Air Pollution Control	5026
29	5FECH05 Risk & Safety Management In Industries	5027
30	5FEIE05 Sensor & Transducers	5028
31	5FEIE05 Advance Sensors & Transmitters	5029
32	5FEIT05 Introduction To Computer Networks	5030
33	5FEIT05 IT Ethics & Practices	5031
34	5FETX05 Technical Textiles	5032
35	5FETX05 Fashion & Clothing Science	5033
36	5FEAR05 Fundamentals Of Architectural Design	5034
37	5FEAR05 Landscape Architecture	5035
38	5FEPP05 Polymer & Rubber Technology	5036
39	5FEPP05 Decorating Plastics	5037
40	5FECT05 Env. Impact : Risk Assessment & Mngt.	5038
41	5KS06 Communication Skills	3585
42	5KS07 System Software-Lab	3586
43	5KS08 Switching Theory & Logic Design-Lab	3587
44	5KS09 Communication Skills-Lab	3588

**FOUR YEAR B.E. SEMESTER :
FIFTH (COMPUTER SCIENCE &
ENGINEERING) (NEW)**

1	Principle Of Management	3761
2	Switching Theory & Logic Design	3762
3	Computer Organisation & Architecture	3763
4	File Structure & Data Processing	3764
5	Design & Analysis Of Algorithms	3765
6	Communication Skills	3766
7	Computer Laboratory-III	3767

**FOUR YEAR B.E. SEMESTER :
FIFTH (ELECTRICAL &
ELECTRONICS ENGINEERING)**

1	Industrial Organization	3721
2	Control Systems	3722
3	Electrical Machines - II	3723
4	Digital Electronics	3724
5	Electrical Power -I	3725
6	Communication Skills	3726

**FOUR YEAR B.E. SEMESTER :
FIFTH (ELECTRICAL &
ELECTRONICS ENGINEERING)
(CGS)**

1	5EX01 Control Systems	3551
2	5EX02 Digital Electronics	3552
3	5EX03 Electrical Machines-II	3553

**FOUR YEAR B.E. SEMESTER :
FIFTH (ELECTRICAL &
ELECTRONICS ENGINEERING)
(CGS)**

4	5EX04 Electrical Power-I	3554
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEME05 Manufacturing Techniques	5004
9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007
12	5FEPE05 Industrial Engineering	5008
13	5FEPE05 Industrial Safety Management	5009
14	5FEPE05 Energy Audit & Management	5010
15	5FEPE05 Electrical Drives	5011
16	5FEPE05 Energy Audit & Management	5012
17	5FEPE05 Electrical Drives	5013
18	5FEXT05 Consumer Electronics	5016
19	5FEXT05 Fibre Optics	5017
20	5FEXN05 Consumer Electronics	5018
21	5FEXN05 Fibre Optics	5019
22	5FEKS05 Data Structures & Algorithms	5020
23	5FEKS05 Data Communication & Networking	5021
24	5FEKE05 Web Technologies	5022
25	5FEKE05 Object Oriented Programming	5023
26	5FEBM05 Medical Instrumentation	5024
27	5FEBM05 Principles Of Biomaterials & Biomechanics	5025
28	5FECH05 Air Pollution Control	5026
29	5FECH05 Risk & Safety Management In Industries	5027
30	5FEIE05 Sensor & Transducers	5028
31	5FEIE05 Advance Sensors & Transmitters	5029
32	5FEIT05 Introduction To Computer Networks	5030
33	5FEIT05 IT Ethics & Practices	5031
34	5FETX05 Technical Textiles	5032
35	5FETX05 Fashion & Clothing Science	5033
36	5FEAR05 Fundamentals Of Architectural Design	5034
37	5FEAR05 Landscape Architecture	5035
38	5FEPP05 Polymer & Rubber Technology	5036
39	5FEPP05 Decorating Plastics	5037
40	5FECT05 Env. Impact : Risk Assessment & Mngt.	5038
41	5EX06 Communication Skills	3555
42	5EX07 Control Systems-Lab	3556
43	5EX08 Digital Electronics-Lab	3557
44	5EX09 Electrical Machines-II-Lab	3558

**FOUR YEAR B.E. SEMESTER :
FIFTH (ELECTRICAL &
ELECTRONICS ENGINEERING)
(CGS)**

45	5EX10 Communication Skills-Lab	3559
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**FOUR YEAR B.E. SEMESTER :
FIFTH (ELECTRICAL
ENGINEERING) (CGS)**

1	5EE01 Control Systems-I	3541
2	5EE02 Microprocessor & Microcontroller	3542
3	5EE03 Electrical Machines-II	3543
4	5EE04 Signals & Systems	3544
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEME05 Manufacturing Techniques	5004
9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007
12	5FEPE05 Industrial Engineering	5008
13	5FEPE05 Industrial Safety Management	5009
14	5FEPE05 Energy Audit & Management	5010
15	5FEPE05 Electrical Drives	5011
16	5FEPE05 Energy Audit & Management	5014
17	5FEPE05 Electrical Drives	5015
18	5FEXT05 Consumer Electronics	5016
19	5FEXT05 Fibre Optics	5017
20	5FEXN05 Consumer Electronics	5018
21	5FEXN05 Fibre Optics	5019
22	5FEKS05 Data Structures & Algorithms	5020
23	5FEKS05 Data Communication & Networking	5021
24	5FEKE05 Web Technologies	5022
25	5FEKE05 Object Oriented Programming	5023
26	5FEBM05 Medical Instrumentation	5024
27	5FEBM05 Principles Of Biomaterials & Biomechanics	5025
28	5FECH05 Air Pollution Control	5026
29	5FECH05 Risk & Safety Management In Industries	5027
30	5FEIE05 Sensor & Transducers	5028
31	5FEIE05 Advance Sensors & Transmitters	5029
32	5FEIT05 Introduction To Computer Networks	5030
33	5FEIT05 IT Ethics & Practices	5031
34	5FETX05 Technical Textiles	5032
35	5FETX05 Fashion & Clothing Science	5033
36	5FEAR05 Fundamentals Of Architectural Design	5034
37	5FEAR05 Landscape Architecture	5035
38	5FEPP05 Polymer & Rubber Technology	5036

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.E. SEMESTER :
FIFTH (ELECTRICAL
ENGINEERING) (CGS)**

39	5FEPP05 Decorating Plastics	5037
40	5FECT05 Env. Impact : Risk Assement & Mngt.	5038
41	5EE06 Communication Skills	3545
42	5EE07 Control Systems-Lab	3546
43	5EE08 Microprocessor & Microcontroller-Lab	3547
44	5EE09 Electrical Machines-II-Lab	3548
45	5EE10 Communication Skills-Lab	3549

**FOUR YEAR B.E. SEMESTER :
FIFTH (ELECTRONICS &
TELECOMM. ENGG.) (NEW)
(CGS)**

1	5XT1 Electronic Devices & Circuits-II	3741
2	5XT2 Power Electronics	3742
3	5XT3 Control System Engineering	3743
4	5XT4 Communication Engineering-II	3744
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEME05 Manufacturing Techniques	5004
9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007
12	5FEPE05 Industrial Engineering	5008
13	5FEPE05 Industrial Safety Management	5009
14	5FEPP05 Energy Audit & Management	5010
15	5FEPP05 Electrical Drives	5011
16	5FEPP05 Energy Audit & Management	5012
17	5FEPP05 Electrical Drives	5013
18	5FEEX05 Energy Audit & Management	5014
19	5FEEX05 Electrical Drives	5015
20	5FEXT05 Consumer Electronics	5016
21	5FEXT05 Fibre Optics	5017
22	5FEXN05 Consumer Electronics	5018
23	5FEXN05 Fibre Optics	5019
24	5FEKS05 Data Structures & Alogorithms	5020
25	5FEKS05 Data Communication & Networking	5021
26	5FEKE05 Web Technologies	5022
27	5FEKE05 Object Oriented Programming	5023
28	5FEBM05 Medical Instrumentation	5024
29	5FEBM05 Principles Of Biomateirals & Biomechanics	5025
30	5FECH05 Air Pollution Control	5026
31	5FECH05 Risk & Safety Management In Industries	5027
32	5FEIE05 Sensor & Transducers	5028

**FOUR YEAR B.E. SEMESTER :
FIFTH (ELECTRONICS &
TELECOMM. ENGG.) (NEW)
(CGS)**

33	5FEIE05 Advance Sensors & Transmitters	5029
34	5FEIT05 Introduction To Computer Networks	5030
35	5FEIT05 IT Ethics & Practices	5031
36	5FETX05 Technical Textiles	5032
37	5FETX05 Fashion & Clothing Science	5033
38	5FEAR05 Fundamentals Of Architectural Design	5034
39	5FEAR05 Landscape Architecture	5035
40	5FEPP05 Polymer & Rubber Technology	5036
41	5FEPP05 Decorating Plastics	5037
42	5FECT05 Env. Impact : Risk Assement & Mngt.	5038
43	5XT6 Electronic Devices & Circuit-II - Lab.	3745
44	5XT7 Power Electronics - Lab.	3746
45	5XT8 Communication Engineering-II - Lab.	3747

**FOUR YEAR B.E. SEMESTER :
FIFTH (ELECTRONICS &
TELECOMMUNICATION ENGG.)
(CGS)**

1	5XT1 Electronic Devices & Circuits-II	3561
2	5XT2 Power Electronics	3562
3	5XT3 Control System Engineering	3563
4	5XT4 Communication Engineering-II	3564
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEME05 Manufacturing Techniques	5004
9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007
12	5FEPE05 Industrial Engineering	5008
13	5FEPE05 Industrial Safety Management	5009
14	5FEPP05 Energy Audit & Management	5010
15	5FEPP05 Electrical Drives	5011
16	5FEPP05 Energy Audit & Management	5012
17	5FEPP05 Electrical Drives	5013
18	5FEEX05 Energy Audit & Management	5014
19	5FEEX05 Electrical Drives	5015
20	5FEXN05 Consumer Electronics	5018
21	5FEXN05 Fibre Optics	5019
22	5FEKS05 Data Structures & Alogorithms	5020
23	5FEKS05 Data Communication & Networking	5021
24	5FEKE05 Web Technologies	5022
25	5FEKE05 Object Oriented Programming	5023

**FOUR YEAR B.E. SEMESTER :
FIFTH (ELECTRONICS &
TELECOMMUNICATION ENGG.)
(CGS)**

26	5FEBM05 Medical Instrumentation	5024
27	5FEBM05 Principles Of Biomateirals & Biomechanics	5025
28	5FECH05 Air Pollution Control	5026
29	5FECH05 Risk & Safety Management In Industries	5027
30	5FEIE05 Sensor & Transducers	5028
31	5FEIE05 Advance Sensors & Transmitters	5029
32	5FEIT05 Introduction To Computer Networks	5030
33	5FEIT05 IT Ethics & Practices	5031
34	5FETX05 Technical Textiles	5032
35	5FETX05 Fashion & Clothing Science	5033
36	5FEAR05 Fundamentals Of Architectural Design	5034
37	5FEAR05 Landscape Architecture	5035
38	5FEPP05 Polymer & Rubber Technology	5036
39	5FEPP05 Decorating Plastics	5037
40	5FECT05 Env. Impact : Risk Assement & Mngt.	5038
41	5XT6 Communication Skills	3565
42	5XT7 Electronic Devices & Circuit-II - Lab.	3566
43	5XT8 Power Electronics - Lab.	3567
44	5XT9 Communication Engineering-II-Lab	3568
45	5XT10 Communication Skills - Lab.	3569

**FOUR YEAR B.E. SEMESTER :
FIFTH (ELECTRONICS &
TELECOMMUNICATION)**

1	Electronics Devices & Circuits-II	3541
2	Power Electronics	3542
3	Industrial Manag. & Quality Control	3543
4	Communication Engg.-I	3544
5	Control System Engg.	3545

**FOUR YEAR B.E. SEMESTER :
FIFTH (ELECTRONICS
ENGINEERING) (CGS)**

1	5XN1 Electronic Devices & Circuits-II	3571
2	5XN2 Power Electronics	3572
3	5XN3 Control System Engineering	3573
4	5XN4 Communication Engineering-II	3574
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEME05 Manufacturing Techniques	5004
9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007
12	5FEPE05 Industrial Engineering	5008

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.E. SEMESTER :
FIFTH (ELECTRONICS
ENGINEERING) (CGS)**

13	5FEPE05 Industrial Safety Management	5009
14	5FEPE05 Energy Audit & Management	5010
15	5FEPE05 Electrical Drives	5011
16	5FEPE05 Energy Audit & Management	5012
17	5FEPE05 Electrical Drives	5013
18	5FEPE05 Energy Audit & Management	5014
19	5FEPE05 Electrical Drives	5015
20	5FEPE05 Consumer Electronics	5016
21	5FEPE05 Fibre Optics	5017
22	5FEPE05 Data Structures & Algorithms	5020
23	5FEPE05 Data Communication & Networking	5021
24	5FEPE05 Web Technologies	5022
25	5FEPE05 Object Oriented Programming	5023
26	5FEPE05 Medical Instrumentation	5024
27	5FEPE05 Principles Of Biomaterials & Biomechanics	5025
28	5FEPE05 Air Pollution Control	5026
29	5FEPE05 Risk & Safety Management In Industries	5027
30	5FEPE05 Sensor & Transducers	5028
31	5FEPE05 Advance Sensors & Transmitters	5029
32	5FEPE05 Introduction To Computer Networks	5030
33	5FEPE05 IT Ethics & Practices	5031
34	5FEPE05 Technical Textiles	5032
35	5FEPE05 Fashion & Clothing Science	5033
36	5FEPE05 Fundamentals Of Architectural Design	5034
37	5FEPE05 Landscape Architecture	5035
38	5FEPE05 Polymer & Rubber Technology	5036
39	5FEPE05 Decorating Plastics	5037
40	5FEPE05 Env. Impact : Risk Assessment & Mngt.	5038
41	5XN6 Communication Skills	3575
42	5XN7 Electronic Devices & Circuits-II Lab.	3576
43	5XN8 Power Electronics-Lab.	3577
44	5XN9 Communication Engineering-II Lab.	3578
45	5XN10 Communication Skills - Lab.	3579

**FOUR YEAR B.E. SEMESTER :
FIFTH (ELECTRONICS
ENGINEERING) (NEW) (CGS)**

1	5XN1 Electronic Devices & Circuits-II	3751
2	5XN2 Power Electronics	3752
3	5XN3 Control System Engineering	3753
4	5XN4 Communication Engineering-II	3754
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003

**FOUR YEAR B.E. SEMESTER :
FIFTH (ELECTRONICS
ENGINEERING) (NEW) (CGS)**

8	5FEME05 Manufacturing Techniques	5004
9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007
12	5FEPE05 Industrial Engineering	5008
13	5FEPE05 Industrial Safety Management	5009
14	5FEPE05 Energy Audit & Management	5010
15	5FEPE05 Electrical Drives	5011
16	5FEPE05 Energy Audit & Management	5012
17	5FEPE05 Electrical Drives	5013
18	5FEPE05 Energy Audit & Management	5014
19	5FEPE05 Electrical Drives	5015
20	5FEPE05 Consumer Electronics	5016
21	5FEPE05 Fibre Optics	5017
22	5FEPE05 Consumer Electronics	5018
23	5FEPE05 Fibre Optics	5019
24	5FEPE05 Data Structures & Algorithms	5020
25	5FEPE05 Data Communication & Networking	5021
26	5FEPE05 Web Technologies	5022
27	5FEPE05 Object Oriented Programming	5023
28	5FEPE05 Medical Instrumentation	5024
29	5FEPE05 Principles Of Biomaterials & Biomechanics	5025
30	5FEPE05 Air Pollution Control	5026
31	5FEPE05 Risk & Safety Management In Industries	5027
32	5FEPE05 Sensor & Transducers	5028
33	5FEPE05 Advance Sensors & Transmitters	5029
34	5FEPE05 Introduction To Computer Networks	5030
35	5FEPE05 IT Ethics & Practices	5031
36	5FEPE05 Technical Textiles	5032
37	5FEPE05 Fashion & Clothing Science	5033
38	5FEPE05 Fundamentals Of Architectural Design	5034
39	5FEPE05 Landscape Architecture	5035
40	5FEPE05 Polymer & Rubber Technology	5036
41	5FEPE05 Decorating Plastics	5037
42	5FEPE05 Env. Impact : Risk Assessment & Mngt.	5038
43	5XN6 Electronic Devices & Circuits-II Lab.	3755
44	5XN7 Power Electronics Lab.	3756
45	5XN8 Communication Engineering-II Lab.	3757

**FOUR YEAR B.E. SEMESTER :
FIFTH (INDUSTRIAL
ELECTRONICS)**

1	Electronics Devices & Circuits-II	3551
2	Power Semiconductor Devices	3552

**FOUR YEAR B.E. SEMESTER :
FIFTH (INDUSTRIAL
ELECTRONICS)**

3	Industrial Managt. & Quality Control	3553
4	Communication Engineering-I	3554
5	Control System Engineering	3555

**FOUR YEAR B.E. SEMESTER :
FIFTH (INFORMATION
TECHNOLOGY)**

1	Principles Of Management	3571
2	Digital Integrated Circuits	3572
3	Computer Architecture & Organisation	3573
4	Communication Engineering-II	3574
5	Object Oriented Technologies	3575
6	Computer Laboratory	3576

**FOUR YEAR B.E. SEMESTER :
FIFTH (INFORMATION
TECHNOLOGY) (CGS)**

1	5IT01 Operating Systems	3731
2	5IT02 Digital Integrated Circuits	3732
3	5IT03 Computer Architecture & Organisation	3733
4	5IT04 Communication Skills	3734
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEME05 Manufacturing Techniques	5004
9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007
12	5FEPE05 Industrial Engineering	5008
13	5FEPE05 Industrial Safety Management	5009
14	5FEPE05 Energy Audit & Management	5010
15	5FEPE05 Electrical Drives	5011
16	5FEPE05 Energy Audit & Management	5012
17	5FEPE05 Electrical Drives	5013
18	5FEPE05 Energy Audit & Management	5014
19	5FEPE05 Electrical Drives	5015
20	5FEPE05 Consumer Electronics	5016
21	5FEPE05 Fibre Optics	5017
22	5FEPE05 Consumer Electronics	5018
23	5FEPE05 Fibre Optics	5019
24	5FEPE05 Data Structures & Algorithms	5020
25	5FEPE05 Data Communication & Networking	5021
26	5FEPE05 Web Technologies	5022
27	5FEPE05 Object Oriented Programming	5023
28	5FEPE05 Medical Instrumentation	5024
29	5FEPE05 Principles Of Biomaterials & Biomechanics	5025
30	5FEPE05 Air Pollution Control	5026

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.E. SEMESTER :
FIFTH (INFORMATION
TECHNOLOGY) (CGS)**

31	5FECH05 Risk & Safety Management In Industries	5027
32	5FEIE05 Sensor & Transducers	5028
33	5FEIE05 Advance Sensors & Transmitters	5029
34	5FETX05 Technical Textiles	5032
35	5FETX05 Fashion & Clothing Science	5033
36	5FEAR05 Fundamentals Of Architectural Design	5034
37	5FEAR05 Landscape Architecture	5035
38	5FEPP05 Polymer & Rubber Technology	5036
39	5FEPP05 Decorating Plastics	5037
40	5FECT05 Env. Impact : Risk Assesment & Mngt.	5038
41	5IT06 Operating Systems-Lab	3735
42	5IT07 Digital Integrated Circuits-Lab	3736
43	5IT08 Communication Skills-Lab	3737
44	5IT09 Computer Lab-III (VC++)	3738

**FOUR YEAR B.E. SEMESTER :
FIFTH (INFORMATION
TECHNOLOGY) (NEW)**

1	Principles Of Management	3571
2	Digital Integrated Circuits	3572
3	Computer Architecture & Organisation	3573
4	Communication Engineering-II	3574
5	Object Oriented Technologies	3575
6	Communication Skills	3577

**FOUR YEAR B.E. SEMESTER :
FIFTH (INFORMATION
TECHNOLOGY) (OLD)**

1	Principles Of Management	3571
2	Digital Integrated Circuits	3572
3	Computer Architecture & Organisation	3573
4	Communication Engineering-II	3574
5	Object Oriented Technologies	3575
6	Communication Skills	3577

**FOUR YEAR B.E. SEMESTER :
FIFTH (INSTRUMENTATION
ENGINEERING) (CGS)**

1	5IE01 Intro. To Microprocessors & Microcontrollers	3721
2	5IE02 Power Electronics	3722
3	5IE03 Control Systems	3723
4	5IE04 Electronics Instrumentation	3724
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEME05 Manufacturing Techniques	5004
9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007

**FOUR YEAR B.E. SEMESTER :
FIFTH (INSTRUMENTATION
ENGINEERING) (CGS)**

12	5FEPE05 Industrial Engineering	5008
13	5FEPE05 Industrial Safety Management	5009
14	5FEEP05 Energy Audit & Management	5010
15	5FEPE05 Electrical Drives	5011
16	5FEPE05 Energy Audit & Management	5012
17	5FEPE05 Electrical Drives	5013
18	5FEEX05 Energy Audit & Management	5014
19	5FEEX05 Electrical Drives	5015
20	5FEXT05 Consumer Electronics	5016
21	5FEXT05 Fibre Optics	5017
22	5FEXN05 Consumer Electronics	5018
23	5FEXN05 Fibre Optics	5019
24	5FEKS05 Data Structures & Alogorithms	5020
25	5FEKS05 Data Communication & Networking	5021
26	5FEKE05 Web Technologies	5022
27	5FEKE05 Object Oriented Programming	5023
28	5FEBM05 Medical Instrumentation	5024
29	5FEBM05 Principles Of Biomateirals & Biomechanics	5025
30	5FECH05 Air Pollution Control	5026
31	5FECH05 Risk & Safety Management In Industries	5027
32	5FEIT05 Introduction To Computer Networks	5030
33	5FEIT05 IT Ethics & Practices	5031
34	5FETX05 Technical Textiles	5032
35	5FETX05 Fashion & Clothing Science	5033
36	5FEAR05 Fundamentals Of Architectural Design	5034
37	5FEAR05 Landscape Architecture	5035
38	5FEPP05 Polymer & Rubber Technology	5036
39	5FEPP05 Decorating Plastics	5037
40	5FECT05 Env. Impact : Risk Assesment & Mngt.	5038
41	5IE06 Communication Skills	3725
42	5IE07 Intro.to Microproc. & Microcont.-Lab	3726
43	5IE08 Power Electronics-Lab	3727
44	5IE09 Communication Skills-Lab	3728

**FOUR YEAR B.E. SEMESTER :
FIFTH (INSTRUMENTATION)**

1	Microprocessor & Microcontrollers	3591
2	Power Electronics	3592
3	Control System Components	3593
4	Material & Process	3594
5	Control System Engineering	3595

**FOUR YEAR B.E. SEMESTER :
FIFTH (MECHANICAL
ENGINEERING)**

1	Computer Software Application-I	3511
2	Production Technology	3512

**FOUR YEAR B.E. SEMESTER :
FIFTH (MECHANICAL
ENGINEERING)**

3	Heat Transfer	3513
4	Measurement System	3514
5	Theory Of Machine-I	3515

**FOUR YEAR B.E. SEMESTER :
FIFTH (MECHANICAL
ENGINEERING) (CGS)**

1	5ME01 Production Technology	3511
2	5ME02 Heat Transfer	3512
3	5ME03 Measurement Systems	3513
4	5ME04 Theory Of Machines-I	3514
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEPE05 Industrial Engineering	5008
9	5FEPE05 Industrial Safety Management	5009
10	5FEPE05 Energy Audit & Management	5010
11	5FEPE05 Electrical Drives	5011
12	5FEPE05 Energy Audit & Management	5012
13	5FEPE05 Electrical Drives	5013
14	5FEEX05 Energy Audit & Management	5014
15	5FEEX05 Electrical Drives	5015
16	5FEXT05 Consumer Electronics	5016
17	5FEXT05 Fibre Optics	5017
18	5FEXN05 Consumer Electronics	5018
19	5FEXN05 Fibre Optics	5019
20	5FEKS05 Data Structures & Alogorithms	5020
21	5FEKS05 Data Communication & Networking	5021
22	5FEKE05 Web Technologies	5022
23	5FEKE05 Object Oriented Programming	5023
24	5FEBM05 Medical Instrumentation	5024
25	5FEBM05 Principles Of Biomateirals & Biomechanics	5025
26	5FECH05 Air Pollution Control	5026
27	5FECH05 Risk & Safety Management In Industries	5027
28	5FEIE05 Sensor & Transducers	5028
29	5FEIE05 Advance Sensors & Transmitters	5029
30	5FEIT05 Introduction To Computer Networks	5030
31	5FEIT05 IT Ethics & Practices	5031
32	5FETX05 Technical Textiles	5032
33	5FETX05 Fashion & Clothing Science	5033
34	5FEAR05 Fundamentals Of Architectural Design	5034
35	5FEAR05 Landscape Architecture	5035
36	5FEPP05 Polymer & Rubber Technology	5036
37	5FEPP05 Decorating Plastics	5037

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.E. SEMESTER :
FIFTH (MECHANICAL
ENGINEERING) (CGS)**

38	5FECT05 Env. Impact : Risk Assesment & Mngt.	5038
39	5ME06 Production Technology-Lab	3515
40	5ME07 Heat Transfer-Lab	3516
41	5ME08 Measurement Systems-Lab	3517
42	5ME09 Theory Of Machines-I-Lab	3518
43	5ME10 Computer Software Applications-I-Lab	3519

**FOUR YEAR B.E. SEMESTER :
FIFTH (MECHANICAL
ENGINEERING) (NEW)**

1	Computer Software Application-I	3711
2	Production Technology	3712
3	Heat Transfer	3713
4	Measurement System	3714
5	Theory Of Machine-I	3715

**FOUR YEAR B.E. SEMESTER :
FIFTH (PRODUCTION
ENGINEERING)**

1	Design Of Machine Element	3521
2	Computer Appl. In Prod.Engg.	3522
3	Tool Engineering-I	3523
4	Measurement Systems	3524
5	Design Of Material Handling System	3525
6	Machine Shop Practice	3526

**FOUR YEAR B.E. SEMESTER :
FIFTH (PRODUCTION
ENGINEERING) (CGS)**

1	5PE01 Design Of Machine Element	3521
2	5PE02 Tool Engineering-I	3522
3	5PE03 Material Handling Systems	3523
4	5PE04 Control Systems Engineering	3524
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEME05 Manufacturing Techniques	5004
9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007
12	5FEPP05 Energy Audit & Management	5010
13	5FEPP05 Electrical Drives	5011
14	5FEED05 Energy Audit & Management	5012
15	5FEED05 Electrical Drives	5013
16	5FEEX05 Energy Audit & Management	5014
17	5FEEX05 Electrical Drives	5015
18	5FEXT05 Consumer Electronics	5016
19	5FEXT05 Fibre Optics	5017
20	5FEXN05 Consumer Electronics	5018

**FOUR YEAR B.E. SEMESTER :
FIFTH (PRODUCTION
ENGINEERING) (CGS)**

21	5FEXN05 Fibre Optics	5019
22	5FEKS05 Data Structures & Algorithms	5020
23	5FEKS05 Data Communication & Networking	5021
24	5FEKE05 Web Technologies	5022
25	5FEKE05 Object Oriented Programming	5023
26	5FEBM05 Medical Instrumentation	5024
27	5FEBM05 Principles Of Biomaterials & Biomechanics	5025
28	5FECH05 Air Pollution Control	5026
29	5FECH05 Risk & Safety Management In Industries	5027
30	5FEIE05 Sensor & Transducers	5028
31	5FEIE05 Advance Sensors & Transmitters	5029
32	5FEIT05 Introduction To Computer Networks	5030
33	5FEIT05 IT Ethics & Practices	5031
34	5FETX05 Technical Textiles	5032
35	5FETX05 Fashion & Clothing Science	5033
36	5FEAR05 Fundamentals Of Architectural Design	5034
37	5FEAR05 Landscape Architecture	5035
38	5FEPP05 Polymer & Rubber Technology	5036
39	5FEPP05 Decorating Plastics	5037
40	5FECT05 Env. Impact : Risk Assesment & Mngt.	5038
41	5PE06 Communication Skills	3525
42	5PE07 Design Of Machine Element-Lab.	3526
43	5PE08 Tool Engineering-I-Lab.	3527
44	5PE09 Communication Skills-Lab.	3528
45	5PE10 Computer Applications In Production Engg-Lab	3529

**FOUR YEAR B.E. SEMESTER :
FIFTH ELECTRICAL
ENGG.(ELECTRONICS & POWER)
(NEW)**

1	Mathematics-IV	3731
2	Electric & Magnetic Fields	3732
3	Control System-I	3733
4	Introduction To Microprocessors	3734
5	Computer Aided Machine Design	3735

**FOUR YEAR B.E. SEMESTER :
FIFTH ELECTRICAL
ENGG.(ELECTRONICS & POWER)**

1	Electric & Magnetic Fields	3531
2	Electrical Machines-II	3532
3	Electrical Power-I	3533
4	Introduction To Microprocessors	3534
5	Numerical Methods & Computer Prog.	3535

**FOUR YEAR B.E. SEMESTER :
FIFTH ELECTRICAL
ENGG.(ELECTRONICS & POWER) (CGS)**

1	5EP01 Control Systems-I	3531
2	5EP02 Microprocessor & Microcontroller	3532
3	5EP03 Electrical Machines-II	3533
4	5EP04 Signals & Systems	3534
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEME05 Manufacturing Techniques	5004
9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007
12	5FEPE05 Industrial Engineering	5008
13	5FEPE05 Industrial Safety Management	5009
14	5FEED05 Energy Audit & Management	5012
15	5FEED05 Electrical Drives	5013
16	5FEEX05 Energy Audit & Management	5014
17	5FEEX05 Electrical Drives	5015
18	5FEXT05 Consumer Electronics	5016
19	5FEXT05 Fibre Optics	5017
20	5FEXN05 Consumer Electronics	5018
21	5FEXN05 Fibre Optics	5019
22	5FEKS05 Data Structures & Algorithms	5020
23	5FEKS05 Data Communication & Networking	5021
24	5FEKE05 Web Technologies	5022
25	5FEKE05 Object Oriented Programming	5023
26	5FEBM05 Medical Instrumentation	5024
27	5FEBM05 Principles Of Biomaterials & Biomechanics	5025
28	5FECH05 Air Pollution Control	5026
29	5FECH05 Risk & Safety Management In Industries	5027
30	5FEIE05 Sensor & Transducers	5028
31	5FEIE05 Advance Sensors & Transmitters	5029
32	5FEIT05 Introduction To Computer Networks	5030
33	5FEIT05 IT Ethics & Practices	5031
34	5FETX05 Technical Textiles	5032
35	5FETX05 Fashion & Clothing Science	5033
36	5FEAR05 Fundamentals Of Architectural Design	5034
37	5FEAR05 Landscape Architecture	5035
38	5FEPP05 Polymer & Rubber Technology	5036
39	5FEPP05 Decorating Plastics	5037
40	5FECT05 Env. Impact : Risk Assesment & Mngt.	5038
41	5EP06 Communication Skills	3535

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FOUR YEAR B.E. SEMESTER : FIFTH ELECTRICAL ENGG.(ELECTRONICS & POWER) (CGS)

42	5EP07 Control Systems-I-Lab	3536
43	5EP08 Microprocessor & Microcontroller-Lab	3537
44	5EP09 Electrical Machines-II-Lab	3538
45	5EP10 Communication Skills-Lab	3539

FOUR YEAR B.E. SEMESTER : FOURTH (BIOMEDICAL ENGINEERING)

1	Object Oriented Technologies	2681
2	Analog & Digital ICs	2682
3	Network Analysis	2683
4	Social Sciences & Engineering Economics	2684
5	Biomaterial & Biomechanics	2685

FOUR YEAR B.E. SEMESTER : FOURTH (BIOMEDICAL ENGINEERING) (CGS)

1	4BM01 Object Oriented Technogies	2601
2	4BM02 Analog & Digital IC's	2602
3	4BM03 Network Analysis	2603
4	4BM04 Social Sciences & Engineering Economics	2604
5	4BM05 Biomaterial & Biomechanics	2605
6	4BM06 Object Oriented Technologies - Lab.	2606
7	4BM07 Analog & Digital IC's - Lab.	2607
8	4BM08 Network Analysis - Lab.	2608

FOUR YEAR B.E. SEMESTER : FOURTH (CIVIL ENGINEERING)

1	Social Science And Engineering Economics	2401
2	Fluid Mechanics-I	2402
3	Hydrology & Irrigation Engineering-I	2403
4	Surveying-I	2404
5	Reinforced Cement Concrete-I	2405

FOUR YEAR B.E. SEMESTER : FOURTH (CIVIL ENGINEERING) (CGS)

1	4CE01 Geotechnical Engineering-I	2401
2	4CE02 Fluid Mechanics-I	2402
3	4CE03 Theory Of Structures-I	2403
4	4CE04 Sureveying-I	2404
5	4CE05 Reinforced Cement Concrete-I	2405
6	4CE06 Geotechnical Engineering-I - Lab.	2406
7	4CE07 Fluid Mechanics-I - Lab.	2407
8	4CE08 Surveying-I - Lab.	2408
9	4CE09 Reinforced Cement Concrete-I - Lab.	2409

FOUR YEAR B.E. SEMESTER : FOURTH (CIVIL ENGINEERING) (NEW)

1	Geotechnical Engineering-I	2601
2	Fluid Mechanics-I	2602
3	Theory Of Structures-I	2603

FOUR YEAR B.E. SEMESTER : FOURTH (CIVIL ENGINEERING) (NEW)

4	Surveying-I	2604
5	Concrete Technology & Reinforced Cement Concrete-I	2605

FOUR YEAR B.E. SEMESTER : FOURTH (CIVIL ENGINEERING) (PURO)

1	Theory Of Structures-I	2603
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FOUR YEAR B.E. SEMESTER : FOURTH (COMPUTER ENGINEERING)

1	Data Structures	2861
2	Computer Organization	2862
3	Digital Logic Circuits	2863
4	Social Sciences & Engineering Economics	2864
5	Electronics Communication	2865
6	Hardware Laboratory	2866

FOUR YEAR B.E. SEMESTER : FOURTH (COMPUTER ENGINEERING) (CGS)

1	4KE01 Data Structures	2491
2	4KE02 Analog & Digital IC's	2492
3	4KE03 Object Oriented Programming	2493
4	4KE04 Assembly Language Programming	2494
5	4KE05 Theory Of Computation	2495
6	4KE06 Data Structures - Lab.	2496
7	4KE07 Analog & Digital IC's - Lab.	2497
8	4KE08 Object Oriented Programming - Lab.	2498
9	4KE09 Assembly Language Programming - Lab.	2499

FOUR YEAR B.E. SEMESTER : FOURTH (COMPUTER SCIENCE & ENGINEERING)

1	Data Structures	2461
2	Numerical & Statistical Method	2462
3	Analog & Digital ICs	2463
4	Social Sciences And Engineering Economics	2464
5	Assembly Language Programming	2465
6	Computer Laboratory-II	2466

FOUR YEAR B.E. SEMESTER : FOURTH (COMPUTER SCIENCE & ENGINEERING) (NEW)

1	Data Structures	2661
2	Numerical & Statistical Method	2662
3	Analog & Digital IC S	2663
4	Social Sciences & Engineering Economics	2664
5	Assembly Language Programming	2665
6	Computer Laboratory-II	2666

FOUR YEAR B.E. SEMESTER : FOURTH (COMPUTER SCIENCE & ENGINEERING) (CGS)

1	4KS01 Data Structures	2481
2	4KS02 Analog & Digital IC's	2482

FOUR YEAR B.E. SEMESTER : FOURTH (COMPUTER SCIENCE & ENGINEERING) (CGS)

3	4KS03 Object Oriented Programming	2483
4	4KS04 Assembly Language Programming	2484
5	4KS05 Theory Of Computation	2485
6	4KS06 Data Structures - Lab.	2486
7	4KS07 Analalog & Digital IC's - Lab.	2487
8	4KS08 Object Oriented Programming - Lab.	2488
9	4KS09 Assembly Language Programming - Lab.	2489

FOUR YEAR B.E. SEMESTER : FOURTH (COMPUTER SCIENCE & ENGINEERING) (NEW)

1	Data Structures	2661
2	Numerical & Statistical Method	2662
3	Analog & Digital IC S	2663
4	Social Sciences & Engineering Economics	2664
5	Assembly Language Programming	2665
6	Computer Laboratory-II	2666

FOUR YEAR B.E. SEMESTER : FOURTH (ELECTRICAL & ELECTRONICS ENGINEERING)

1	Electrical Machines-I	2691
2	Eleectromaganetic Theory	2692
3	Linear Integrated Circuits	2693
4	Signals & Systems	2694
5	Numerical Methods & Computer Programming	2695

FOUR YEAR B.E. SEMESTER : FOURTH (ELECTRICAL & ELECTRONICS ENGINEERING) (CGS)

1	4EX01 Electrical Machine-I	2451
2	4EX02 Electromagnetic Theory	2452
3	4EX03 Linear Integrated Circuits	2453
4	4EX04 Signals & Systemrs	2454
5	4EX05 Numerical Methods & Computer Programming	2455
6	4EX06 Electrical Machine-I - Lab.	2456
7	4EX07 Linear Integrated Circuits - Lab.	2457
8	4EX08 Numerical Methods & Comp. Programming - Lab.	2458

FOUR YEAR B.E. SEMESTER : FOURTH (ELECTRICAL ENGINEERING) (CGS)

1	4EE01 Electrical Machine-I	2441
2	4EE02 Electromagnetic Theory	2442
3	4EE03 Analog Digital Circuits	2443
4	4EE04 Mathematics-IV	2444
5	4EE05 Numerical Methods & Computer Programming	2445
6	4EE06 Electrical Machine-I - Lab.	2446
7	4EE07 Analog & Digital Circuits - Lab.	2447
8	4EE08 Numerical Methods & Comp. Programming - Lab.	2448

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**FOUR YEAR B.E. SEMESTER :
FOURTH (ELECTRONICS &
TELECOMMUNICATION ENGG.)
(CGS)**

1	4XT01 Communication Engineering-I	2461
2	4XT02 Electronics Devices & Circuits-I	2462
3	4XT03 Network Analysis	2463
4	4XT04 Industrial Mangement & Quality Control	2464
5	4XT05 Instrumentation	2465
6	4XT06 Electronics Devices Circuits-I - Lab.	2466
7	4XT07 Network Analysis - Lab.	2467
8	4XT08 Instrumentation - Lab.	2468

**FOUR YEAR B.E. SEMESTER :
FOURTH (ELECTRONICS &
TELECOMMUNICATION
ENGINEERING)**

1	Communication Theory	2441
2	Computer Programming & Applications	2442
3	Network Analysis	2443
4	Social Science And Engineering Economics	2444
5	Components & Device Technology	2445

**FOUR YEAR B.E. SEMESTER :
FOURTH (ELECTRONICS
ENGINEERNG) (CGS)**

1	4XN01 Communication Engineering	2471
2	4XN02 Electronics Devices & Circuits-I	2472
3	4XN03 Network Analysis	2473
4	4XN04 Industrial Management & Quality Control	2474
5	4XN05 Instrumentation	2475
6	4XN06 Electronics Devices & Circuits-I - Lab.	2476
7	4XN07 Network Analysis - Lab.	2477
8	4XN08 Instrumentation - Lab.	2478

**FOUR YEAR B.E. SEMESTER :
FOURTH (INDUSTRIAL
ELECTRONICS ENGINEERING)**

1	Communication Theory	2441
2	Computer Programming & Applications	2442
3	Network Analysis	2443
4	Social Science And Engineering Economics	2444
5	Components & Device Technology	2445

**FOUR YEAR B.E. SEMESTER :
FOURTH (INFORMATION
TECHNOLOGY)**

1	Data Structures	2471
2	Data Structures	2471
3	Linear Electronic Circuits	2472
4	Linear Electronic Circuits	2472
5	Communication Engineering-I	2473
6	Communication Engineering-I	2473
7	Social Sciences & Engineering Economics	2474
8	Social Sciences & Engineering Economics	2474

**FOUR YEAR B.E. SEMESTER :
FOURTH (INFORMATION
TECHNOLOGY)**

9	Assembly Language Programming	2475
10	Assembly Language Programming	2475

**FOUR YEAR B.E. SEMESTER :
FOURTH (INFORMATION
TECHNOLOGY) (CGS)**

1	4IT01 Data Structures	2631
2	4IT02 Communication Engineering	2632
3	4IT03 Object Oriented Technologies	2633
4	4IT04 Social Sciences & Engineering Economics	2634
5	4IT05 Numerical Methods & Operation Research Tech.	2635
6	4IT06 Data Structures - Lab.	2636
7	4IT07 Communication Engineering - Lab.	2637
8	4IT08 Object Oriented Technologies - Lab.	2638
9	4IT09 Computer Lab.-II (HTML)	2639

**FOUR YEAR B.E. SEMESTER :
FOURTH (INFORMATION
TECHNOLOGY) (NEW)**

1	Data Structures	2471
2	Numerical & Statistical Methods	2476
3	Linear Electronic Circuits	2472
4	Social Sciences & Engineering Economics	2474
5	Assembly Language Programming	2475
6	Computer Laboratory	2477

**FOUR YEAR B.E. SEMESTER :
FOURTH (INSTRUMENTATION
ENGINEERING)**

1	Electrical Machines	2491
2	Computer Programming And Applications	2492
3	Network Analysis	2493
4	Social Science And Engineering Economics	2494
5	Thermal & Fluid Power Engineering	2495

**FOUR YEAR B.E. SEMESTER :
FOURTH (INSTRUMENTATION
ENGINEERING) (CGS)**

1	4IE01 Electrical Machines	2621
2	4IE02 Computer Programming & Applications	2622
3	4IE03 Network Analysis	2623
4	4IE04 Advanced Sensors & Transmitter	2624
5	4IE05 Telemetry & Telecontrol	2625
6	4IE06 Computer Programming & Applications - Lab.	2626
7	4IE07 Network Analysis - Lab.	2627
8	4IE08 Telemetry & Telecontrol - Lab.	2628

**FOUR YEAR B.E. SEMESTER :
FOURTH (MECHANICAL
ENGINEERING)**

1	Basic Electrical Drives & Control	2411
2	Engineering Metallurgy	2412

**FOUR YEAR B.E. SEMESTER :
FOURTH (MECHANICAL
ENGINEERING)**

3	Energy Conversion-I	2413
4	Manufacturing Process-II	2414
5	Machine Drawing	2415

**FOUR YEAR B.E. SEMESTER :
FOURTH (MECHANICAL
ENGINEERING) (CGS)**

1	4ME01 Basic Electrical Drives & Control	2411
2	4ME02 Engineering Metallurgy	2412
3	4ME03 Energy Conversion-I	2413
4	4ME04 Manufacturing Process-II	2414
5	4ME05 Machine Design & Drawing-I	2415
6	4ME06 Basic Electrical Drives & Control - Lab.	2416
7	4ME07 Engineering Metallurgy - Lab.	2417
8	4ME08 Energy Conversion - Lab.	2418
9	4ME09 Manufacturing Process-II - Lab.	2419
10	4ME10 Machine Design & Drawing-I - Lab.	2420

**FOUR YEAR B.E. SEMESTER :
FOURTH (PRODUCTION
ENGINEERING)**

1	Basic Electrical Drives & Control	2421
2	Engineering Metallurgy	2422
3	Theory Of Machines	2423
4	Manufacturing Process-II	2424
5	Machine Drawing	2425

**FOUR YEAR B.E. SEMESTER :
FOURTH (PRODUCTION
ENGINEERING) (CGS)**

1	4PE01 Basic Electrical Drives & Control	2421
2	4PE02 Material Technology	2422
3	4PE03 Theory Of Machine	2423
4	4PE04 Production Technology-II	2424
5	4PE05 Measurement Systems	2425
6	4PE06 Basic Electrical Drawing & Control - Lab.	2426
7	4PE07 Material Technology - Lab.	2427
8	4PE08 Theory Of Machine - Lab.	2428
9	4PE09 Production Technology-II - Lab.	2429
10	4PE10 Measurement Systems - Lab.	2430

**FOUR YEAR B.E. SEMESTER :
FOURTH ELECTRICAL
(ELECTRONICS & POWER)
ENGINEERING**

1	Analog & Digital Circuits	2431
2	Fluid Mechanics & Machinery	2432
3	Network Analysis	2433
4	Social Science And Engineering Economics	2434
5	Electrical Machines-I	2435

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.E. SEMESTER :
FOURTH ELECTRICAL ENGG.
(ELECTRONICS & POWER)
(CGS)**

1	4EP01 Electrical Machine-I	2431
2	4EP02 Electromagnetic Theory	2432
3	4EP03 Analog & Digital Circuits	2433
4	4EP04 Mathematics-IV	2434
5	4EP05 Numerical Methods & Computer Programming	2435
6	4EP06 Electrical Machine-I - Lab.	2436
7	4EP07 Analog & Digital Circuits - Lab.	2437
8	4EP08 Numerical Methods & Comp. Programming - Lab.	2438

**FOUR YEAR B.E. SEMESTER :
FOURTH ELECTRICAL ENGG.
(ELECTRONICS & POWER)
(NEW)**

1	Power Plant Engineering-II	2631
2	Signals & Systems	2632
3	Network Analysis	2633
4	Electrical Machines-II	2634
5	Analog Devices & Circuits	2635

**FOUR YEAR B.E. SEMESTER :
SEVENTH (BIOMEDICAL
ENGINEERING)**

1	Bio Signal Processing	4771
2	Artificial Organs & Rehabilitation Engineering	4772
3	Networking & Information System In Medicine	4773
4	Hospital Engineering & Management	4774
5	Tissue Engineering	4775
6	Bio Informatics	4776

**FOUR YEAR B.E. SEMESTER :
SEVENTH (BIOMEDICAL
ENGINEERING) (CGS)**

1	7BM01 Bio Signal Processing	4321
2	7BM02 Artificial Organs & Rehabilitation Engg.	4322
3	7BM03 Medical Expert Systems	4323
4	7BM04 Hospital Engineering & Management	4324
5	7BM05 Tissue Engineering	4325
6	7BM05 Bio Informatics	4326
7	7BM06 Bio Signal Processing - Lab	4327
8	7BM07 Medical Expert Systems - Lab	4328
9	7BM08 Hospital Engineering & Management - Lab	4329
10	7BM09 Project & Seminar	4330

**FOUR YEAR B.E. SEMESTER :
SEVENTH (CIVIL ENGG.)
(IMPROVEMENT OF DIVISION)**

1	Theory Of Structures-II	4701
2	Project Planning & Management	4702
3	Foundation Engineering-II	4703
4	Transportation Engineering-II	4704
5	Structural Design-II	4705

**FOUR YEAR B.E. SEMESTER :
SEVENTH (CIVIL ENGG.) (NEW)
(IMPROVEMENT OF DIVISION)**

1	Theory Of Structures-II	4301
2	Geotechnical Engineering-II	4302
3	Structural Design-II	4303
4	Advanced Water Treatment	4304
5	Advanced Geotechnical Engineering	4305
6	Water Power Engineering	4306
7	Pre Stressed Concrete	4307
8	Artificial Neural Network & Fuzzy Logic	4308
9	Advanced Concrete Technology	4309
10	Environmental Pollution & Rural Sanitation	4310
11	Advanced Earthquake Engineering	4311
12	Industrial Training & Seminar	4312

**FOUR YEAR B.E. SEMESTER :
SEVENTH (CIVIL ENGINEERING)**

1	Theory Of Structures-II	4701
2	Project Planning & Management	4702
3	Foundation Engineering-II	4703
4	Transportation Engineering-II	4704
5	Structural Design-II	4705

**FOUR YEAR B.E. SEMESTER :
SEVENTH (CIVIL
ENGINEERING) (CGS)**

1	7CE01 Theory Of Structures-II	4101
2	7CE02 Geotechnical Engineering-II	4102
3	7CE03 Structural Design-II	4103
4	7CE04 Environmental Engineering-I	4104
5	7CE05 Advanced Water Treatment	4105
6	7CE05 Advanced Geotechnical Engineering	4106
7	7CE05 Water Power Engineering	4107
8	7CE05 Prestressed Concrete	4108
9	7CE05 Artificial Neural Network & Fuzzy Logic	4109
10	7CE05 Advanced Concrete Technology	4110
11	7CE05 Environmental Pollution & Rural Sanitation	4111
12	7CE05 Advanced Earthquake Engineering	4112
13	7CE06 Theory Of Structures-II - Lab.	4113
14	7CE07 Geotechnical Engineering-II - Lab.	4114
15	7CE08 Structural Design-II - Lab.	4115
16	7CE09 Project & Seminar	4116

**FOUR YEAR B.E. SEMESTER :
SEVENTH (CIVIL
ENGINEERING) (NEW)**

1	Theory Of Structures-II	4301
2	Geotechnical Engineering-II	4302
3	Structural Design-II	4303
4	Advanced Water Treatment	4304
5	Advanced Geotechnical Engineering	4305

**FOUR YEAR B.E. SEMESTER :
SEVENTH (CIVIL
ENGINEERING) (NEW)**

6	Water Power Engineering	4306
7	Pre Stressed Concrete	4307
8	Artificial Neural Network & Fuzzy Logic	4308
9	Advanced Concrete Technology	4309
10	Environmental Pollution & Rural Sanitation	4310
11	Advanced Earthquake Engineering	4311
12	Industrial Training & Seminar	4312

**FOUR YEAR B.E. SEMESTER :
SEVENTH (COMP. SCI. &
ENGG.) (IMPROVEMENT OF
DIVISION)**

1	Operating Systems	4761
2	Data Base Management Systems	4762
3	Computer Networks & Internet	4763
4	Advanced Microprocessors & Interfacing	4764
5	Computer Graphics	4765
6	Modelling & Simulation	4766
7	Artificial Intelligence	4767
8	Component Based Computing	4768

**FOUR YEAR B.E. SEMESTER :
SEVENTH (COMPUTER ENGG.)
(IMPROVEMENT OF DIVISION)**

1	Digital Signal Processing	4331
2	Compiler Design	4332
3	Microprocessors & Interfacing	4333
4	Mobile Computing	4334
5	Computer Graphics	4335
6	Artificial Intelligence	4336
7	Design & Analysis Of Algorithms	4337

**FOUR YEAR B.E. SEMESTER :
SEVENTH (COMPUTER
ENGINEERING) (CGS)**

1	7KE01 Signals & Systems	4301
2	7KE02 Computer Network	4302
3	7KE03 Microprocessors & Interfacing	4303
4	7KE04 Mobile Computing	4304
5	7KE05 Artificial Intelligence	4305
6	7KE05 Computer Graphics	4306
7	7KE05 Design & Analysis Of Algorithms	4307
8	7KE05 Human Computer Interaction	4308
9	7KE06 Computer Network Lab	4309
10	7KE07 Microprocessors & Interfacing Lab	4310
11	7KE08 Mobile Computing Lab	4311
12	7KE09 Project & Seminar	4312

**FOUR YEAR B.E. SEMESTER :
SEVENTH (COMPUTER
ENGINEERING)**

1	Digital Signal Processing	4331
2	Compiler Design	4332
3	Microprocessors & Interfacing	4333

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FOUR YEAR B.E. SEMESTER : SEVENTH (COMPUTER ENGINEERING)

4	Mobile Computing	4334
5	Computer Graphics	4335
6	Artificial Intelligence	4336
7	Design & Analysis Of Algorithms	4337

FOUR YEAR B.E. SEMESTER : SEVENTH (COMPUTER SCIENCE & ENGINEERING)

1	Operating Systems	4761
2	Data Base Management Systems	4762
3	Computer Networks & Internet	4763
4	Advanced Microprocessors & Interfacing	4764
5	Computer Graphics	4765
6	Modelling & Simulation	4766
7	Artificial Intelligence	4767
8	Component Based Computing	4768

FOUR YEAR B.E. SEMESTER : SEVENTH (COMPUTER SCIENCE & ENGINEERING) (CGS)

1	7KS01 Digital Signal Processing	4281
2	7KS02 Computer Networks	4282
3	7KS03 Design & Analysis Of Algorithms	4283
4	7KS04 Object Oriented Analysis & Design	4284
5	7KS05 Computer Graphics	4285
6	7KS05 Multimedia Technologies	4286
7	7KS05 Web Engineering	4287
8	7KS05 Human Computer Interface	4288
9	7KS06 Digital Signal Processing Lab	4289
10	7KS07 Design & Analysis Of Algorithms Lab	4290
11	7KS08 Object Oriented Analysis & Design Lab	4291
12	7KS09 Project & Seminar	4292

FOUR YEAR B.E. SEMESTER : SEVENTH (ELECTRICAL & ELECTRONICS ENGINEERING)

1	Utilization Of Electrical Energy	4351
2	Electronic Communication	4352
3	Computer Organization	4353
4	Power Electronics-II	4354
5	Process Control Systems	4355
6	Power System Simulation	4356
7	High Voltage Engineering	4357
8	Wind Electrical Systems	4358

FOUR YEAR B.E. SEMESTER : SEVENTH (ELECTRICAL & ELECTRONICS ENGINEERING) (CGS)

1	7EX01 Utilisation Of Electrical Energy	4221
2	7EX02 Electronic Communication	4222
3	7EX03 Computer Organisation	4223
4	7EX04 Power Electronics -II	4224

FOUR YEAR B.E. SEMESTER : SEVENTH (ELECTRICAL & ELECTRONICS ENGINEERING) (CGS)

5	7EX05 Process Control System	4225
6	7EX05 Power System Simulation	4226
7	7EX05 High Voltage Engineering	4227
8	7EX05 Wind Electrical Systems	4228
9	7EX06 Project & Seminar	4229
10	7EX07 Utilisation Of Electrical Energy - Lab.	4230
11	7EX08 Computer Organisation - Lab.	4231
12	7EX09 Power Electronics - II - Lab.	4232

FOUR YEAR B.E. SEMESTER : SEVENTH (ELECTRICAL ENGINEERING) (CGS)

1	7EE01 Control System-II	4201
2	7EE02 Power System Operation & Control	4202
3	7EE03 Electrical Power - II	4203
4	7EE04 Switchgear & Protection	4204
5	7EE05 Process Control System	4205
6	7EE05 Wind Electrical Systems	4206
7	7EE05 Computer Methods In Power System Analysis	4207
8	7EE05 Artificial Intelligence	4208
9	7EE06 Project & Seminar	4209
10	7EE07 Electrical Power -II - Lab.	4210
11	7EE08 Switchgear & Protection - Lab.	4211

FOUR YEAR B.E. SEMESTER : SEVENTH (ELECTRONICS & TELE.) (IMPROVEMENT OF DIVISION)

1	Digital Communication	4741
2	Microprocessor Peripheral & Microcontroller	4742
3	Digital Signal Processing	4743
4	Digital ICs & Design	4744
5	Fuzzy Logic & Neural Network	4745
6	Fibre Optic Communication	4746
7	Biomedical Engineering	4747
8	Process Control & Instrumentation	4748
9	Robotics & Automation	4749

FOUR YEAR B.E. SEMESTER : SEVENTH (ELECTRONICS & TELECOMMUNICATION ENGG.) (CGS)

1	7XT1 Digital Communication Network	4241
2	7XT2 Microcontroller And Applications	4242
3	7XT3 Digital Signal Processing	4243
4	7XT4 VLSI Design	4244
5	7XT4 Computer Organization	4245
6	7XT4 Artificial Intelligence	4246
7	7XT4 Satellite & Optical Fibre Communication	4247

FOUR YEAR B.E. SEMESTER : SEVENTH (ELECTRONICS & TELECOMMUNICATION ENGG.) (CGS)

8	7XT4 Audio & Video Engineering	4248
9	7XT5 Microprocessor & Microcontroller Lab.	4249
10	7XT6 Digital Signal Processing Lab.	4250
11	7XT7 Simulation Lab	4251
12	7XT8 Project & Seminar	4252

FOUR YEAR B.E. SEMESTER : SEVENTH (ELECTRONICS & TELECOMMUNICATION)

1	Digital Communication	4741
2	Microprocessor Peripheral & Microcontroller	4742
3	Digital Signal Processing	4743
4	Digital ICs & Design	4744
5	Fuzzy Logic & Neural Network	4745
6	Fibre Optic Communication	4746
7	Biomedical Engineering	4747
8	Process Control & Instrumentation	4748
9	Robotics & Automation	4749

FOUR YEAR B.E. SEMESTER : SEVENTH (ELECTRONICS ENGINEERING) (CGS)

1	7XN1 Computer Organization	4261
2	7XN2 Microcontroller & Applications	4262
3	7XN3 Digital Signal Processing	4263
4	7XN4 Nano Electronics	4264
5	7XN4 Mechatronics	4265
6	7XN4 Digital Instrumentation	4266
7	7XN4 Integrated Optics & Photonics System	4267
8	7XN4 Wireless Communication	4268
9	7XN4 Speech Processing	4269
10	7XN5 Microcontroller & Applications - Lab.	4270
11	7XN6 Digital Signal Processing Lab	4271
12	7XN7 Simulation Lab	4272
13	7XN8 Project & Seminar	4273

FOUR YEAR B.E. SEMESTER : SEVENTH (IND. ELECTRONICS) (IMPROVEMENT OF DIVISION)

1	Industrial Automation & Robotics	4751
2	Microprocessor Peripheral & Microcontroller	4752
3	Industrial Electronics-II	4753
4	Digital ICs & Design	4754
5	Fuzzy Logic & Neural Network	4755
6	Fibre Optic Communication	4756
7	Biomedical Engineering	4757
8	Digital Signal Processing	4758

FOUR YEAR B.E. SEMESTER : SEVENTH (INDUSTRIAL ELECTRONICS)

1	Industrial Automation & Robotics	4751
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SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FOUR YEAR B.E. SEMESTER : SEVENTH (INDUSTRIAL ELECTRONICS)

2	Microprocessor Peripheral & Microcontroller	4752
3	Industrial Electronics-II	4753
4	Digital ICs & Design	4754
5	Fuzzy Logic & Neural Network	4755
6	Fibre Optic Communication	4756
7	Biomedical Engineering	4757
8	Digital Signal Processing	4758

FOUR YEAR B.E. SEMESTER : SEVENTH (INFORMATION TECH.) (IMPROVEMENT OF DIVISION)

1	Fiber Optic And Satellite Communication	4941
2	Software Project Management	4942
3	Computer Network & Programming	4943
4	Real Time And Embedded System	4944
5	Modelling And Simulation	4945
6	Distributed Operating System	4946
7	Management Information System	4947
8	Data Warehousing & Mining	4948

FOUR YEAR B.E. SEMESTER : SEVENTH (INFORMATION TECHNOLOGY)

1	Fiber Optic And Satellite Communication	4941
2	Software Project Management	4942
3	Computer Network & Programming	4943
4	Real Time And Embedded System	4944
5	Modelling And Simulation	4945
6	Distributed Operating System	4946
7	Management Information System	4947
8	Data Warehousing & Mining	4948

FOUR YEAR B.E. SEMESTER : SEVENTH (INFORMATION TECHNOLOGY) (CGS)

1	7IT01 Digital Signal Processing	4371
2	7IT02 Object Oriented System Analysis & Design	4372
3	7IT03 Web Technology	4373
4	7IT04 Real Time Embedded Systems	4374
5	7IT05 Distributed DBMS	4375
6	7IT05 Modelling & Simulation	4376
7	7IT05 Artificial Intelligence & Expert Systems	4377
8	7IT05 Multimedia Technologies	4378
9	7IT06 Digital Signal Processing - Lab	4379
10	7IT07 Web Technology - Lab	4380
11	7IT08 Real Time Embedded Systems - Lab	4381
12	7IT09 Project & Seminar	4382

FOUR YEAR B.E. SEMESTER : SEVENTH (INSTRUMENTATION ENGINEERING) (CGS)

1	7IE01 PLO & SCADA Systems	4351
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FOUR YEAR B.E. SEMESTER : SEVENTH (INSTRUMENTATION ENGINEERING) (CGS)

2	7IE02 Computer Aided Control	4352
3	7IE03 Biomedical Instrumentation	4353
4	7IE04 Project Planning Estimation & Assessment	4354
5	7IE05 Fuzzy Logic & Neural Network	4355
6	7IE05 Robotics & Automotion	4356
7	7IE05 Digital Signal Processing	4357
8	7IE05 Opto Electronics Instrumentation	4358
9	7IE06 PLO & SCADA Systems	4359
10	7IE07 Biomedical Instrumentation	4360
11	7IE08 Project Planning Estimation & Assessment	4361
12	7IE09 Project & Seminar	4362

FOUR YEAR B.E. SEMESTER : SEVENTH (INSTRUMENTATION)

1	Unit Operation	4791
2	Process Equipment Design	4792
3	Biomedical Instrumentation	4793
4	Project Planning Estimation & Assessment	4794
5	Fuzzy Logic & Neural Networks	4795
6	Robotics & Automation	4796
7	Digital Signal Processing	4797
8	Opto Electronic Instrumentation	4798

FOUR YEAR B.E. SEMESTER : SEVENTH (INSTRUMENTATION) (IMPROVEMENT OF DIVISION)

1	Unit Operation	4791
2	Process Equipment Design	4792
3	Biomedical Instrumentation	4793
4	Project Planning Estimation & Assessment	4794
5	Fuzzy Logic & Neural Networks	4795
6	Robotics & Automation	4796
7	Digital Signal Processing	4797
8	Opto Electronic Instrumentation	4798

FOUR YEAR B.E. SEMESTER : SEVENTH (MECHANICAL ENGINEERING) (CGS)

1	7ME01 Machine Design & Drawing-II	4121
2	7ME02 Energy Conversion-II	4122
3	7ME03 Industrial Management & Costing	4123
4	7ME04 Automation Engineering	4124
5	7ME05 Non Conventional Energy System	4125
6	7ME05 Tool Engineering	4126
7	7ME05 Artificial Intelligence & Expert Systems	4127
8	7ME05 Mechatronics	4128
9	7ME06 Project & Seminar	4129
10	7ME07 Machinde Design & Drawing-II - Lab.	4130
11	7ME08 Energy Conversion-II - Lab.	4131

FOUR YEAR B.E. SEMESTER : SEVENTH (MECHANICAL ENGINEERING) (CGS)

12	7ME09 Automation Engineering - Lab.	4132
13	7ME10 Non Conventional Energy System - Lab.	4133
14	7ME10 Tool Engineering - Lab.	4134
15	7ME10 Artificial Intelligence & Expert Syst.- Lab.	4135
16	7ME10 Mechantronics - Lab.	4136

FOUR YEAR B.E. SEMESTER : SEVENTH (MECHANICAL ENGG.) (IMPROVEMENT OF DIVISION)

1	Machine Design-II	4711
2	Energy Conversion-II	4712
3	Industrial Management & Costing	4713
4	Automation Engineering	4714
5	Nonconventional Energy System	4715
6	Tool Engineering	4716
7	Artificial Intelligence & Expert Systems	4717
8	Mechatronics	4718

FOUR YEAR B.E. SEMESTER : SEVENTH (MECHANICAL ENGINEERING)

1	Machine Design-II	4711
2	Energy Conversion-II	4712
3	Industrial Management & Costing	4713
4	Automation Engineering	4714
5	Nonconventional Energy System	4715
6	Tool Engineering	4716
7	Artificial Intelligence & Expert Systems	4717
8	Mechatronics	4718

FOUR YEAR B.E. SEMESTER : SEVENTH (PRODUCTION ENGG.) (IMPROVEMENT OF DIVISION)

1	Production Planning & Control	4721
2	Computer Aided Design	4722
3	Industrial Management & Costing	4723
4	Mechatronics	4724
5	Marketing & Sales Management	4725
6	Plastic Engineering	4726
7	Advanced Welding Technology	4727
8	Product Design For Manufacturing	4728
9	Low Cost Auto. By Pneumatic & Hydraulic System	4729

FOUR YEAR B.E. SEMESTER : SEVENTH (PRODUCTION ENGINEERING)

1	Production Planning & Control	4721
2	Computer Aided Design	4722
3	Industrial Management & Costing	4723
4	Mechatronics	4724

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FOUR YEAR B.E. SEMESTER : SEVENTH (PRODUCTION ENGINEERING)

5	Marketing & Sales Management	4725
6	Plastic Engineering	4726
7	Advanced Welding Technology	4727
8	Product Design For Manufacturing	4728
9	Low Cost Auto. By Pneumatic & Hydraulic System	4729

FOUR YEAR B.E. SEMESTER : SEVENTH (PRODUCTION ENGINEERING) (CGS)

1	7PE01 Production Planning & Control	4141
2	7PE02 Computer Aided Design & Manufacturing	4142
3	7PE03 Industrial Management & Costing	4143
4	7PE04 Mechatronics	4144
5	7PE04 Industiral Robotics	4145
6	7PE04 Flexible Manufacturing System	4146
7	7PE04 Artificial Intelligence & Expert System	4147
8	7PE05 Low Cost Automation	4148
9	7PE05 Advance Tool & Die Design	4149
10	7PE05 Advance Welding Technology	4150
11	7PE05 Finite Element Analysis	4151
12	7PE06 Comp. Aided Design & Manufactuirng - Lab.	4152
13	7PE07 Mechatronics - Lab.	4153
14	7PE07 Industiral Robotics - Lab.	4154
15	7PE07 Flexible Manufacturing System - Lab.	4155
16	7PE07 Artificial Intelligence & Expert System-Lab.	4156
17	7PE08 Low Cost Automation - Lab.	4157
18	7PE08 Advance Tool & Die Design - Lab.	4158
19	7PE08 Advance Welding Technology - Lab.	4159
20	7PE08 Finite Element Analysis - Lab.	4160
21	7PE09 Industrial Training	4161
22	7PE10 Project & Seminar	4162

FOUR YEAR B.E. SEMESTER : SEVENTH ELECTRICAL ENGG. (ELECTRONICS & POWER)

1	Control System-II	4731
2	Electrical Power-II	4732
3	Switchgear & Protection	4733
4	Computer Aided Machine Design	4734
5	Generation Planning & Station Practice	4735
6	Microprocessor Applications	4736
7	Network Synthesis	4737
8	Power System Operation & Control	4738
9	Computer Aided Analysis Of Power System	4739

FOUR YEAR B.E. SEMESTER : SEVENTH ELECTRICAL ENGG. (ELECTRONICS & POWER) (NEW)

1	Control System-II	4321
2	Power System & Operation Control	4322
3	Electrical Power-II	4323
4	Switchgear & Protection	4324
5	Industrial Automation & Control	4325
6	Computer Methods In Power System Analysis	4326
7	Introduction To Microcontrollers	4327
8	Artificial Inteligence	4328

FOUR YEAR B.E. SEMESTER : SEVENTH ELECTRICAL ENGG.(ELECTRONICS & POWER) (CGS)

1	7EP01 Control System-II	4171
2	7EP02 Power System Operation & Control	4172
3	7EP03 Electrical Power II	4173
4	7EP04 Switchgear & Protection	4174
5	7EP05 Process Control System	4175
6	7EP05 Computer Organisation	4176
7	7EP05 Computer Methods In Power System Analysis	4177
8	7EP05 Artificial Intelligence	4178
9	7EP06 Project & Seminar	4179
10	7EP07 Electrical Power II- Lab	4180
11	7EP08 Switchgear & Protection - Lab.	4181

FOUR YEAR B.E. SEMESTER : SIXTH (BIOMEDICAL ENGINEERING)

1	Diagnostics & Therapeutic Equipments	3871
2	Basic Industrial Management	3872
3	Microprocessors & Aplications	3873
4	Radiological Equipments	3874
5	Physiological Modelling & Simulation	3875
6	Medical Instrumentation Laboratory	3876

FOUR YEAR B.E. SEMESTER : SIXTH (BIOMEDICAL ENGINEERING) (CGS)

1	6BM01 Diagnostics And Therapeutic Equipments	3801
2	6BM02 Microprocessors And Applications	3802
3	6BM03 Radiological Equipments	3803
4	6BM04 Physiological Modelling And Simulation	3804
5	6FECE05 Disaster Management	6001
6	6FECE05 Environmental Management	6002
7	6FEME05 Automobile Engineering	6003
8	6FEME05 Non-conventional Energy Systems	6004
9	6FEME05 Energy Management	6005
10	6FEPE05 Industrial Automation	6006

FOUR YEAR B.E. SEMESTER : SIXTH (BIOMEDICAL ENGINEERING) (CGS)

11	6FEPE05 Engg. Economics & Entrepreneurship Develop.	6007
12	6FEPE05 Electrical Estimating & Costing	6008
13	6FEPE05 Power Sypply Systems	6009
14	6FEPE05 Electrical Estimating & Costing	6010
15	6FEPE05 Power Supply Systems	6011
16	6FEPE05 Electrical Estimating & Costing	6012
17	6FEPE05 Power Sypply Systems	6013
18	6FEPE05 Introduction To Wireless Technology	6014
19	6FEPE05 Elect. Test Instruments : Analog & Digital	6015
20	6FEPE05 Introduction To Wireless Technology	6016
21	6FEPE05 Elect. Test Instruments- Analog & Digital	6017
22	6FEPE05 Database Management Systems	6018
23	6FEPE05 Software Project Management	6019
24	6FEPE05 Java Programming	6020
25	6FEPE05 Expert Systems	6021
26	6FEPE05 Renewabel Energy Sources	6024
27	6FEPE05 Water Technology	6025
28	6FEPE05 Control System And Components	6026
29	6FEPE05 Industrial Automation & Process Control	6027
30	6FEPE05 E Commerce	6028
31	6FEPE05 Knowledge Management	6029
32	6FEPE05 Computer Aided Textile & Fashion Designing	6030
33	6FEPE05 Fashion Technology	6031
34	6FEPE05 Climate Resonsive Architecture	6032
35	6FEPE05 Sustainable Architecture	6033
36	06FEPP05 Packaging Technology	6034
37	06FEPP05 Composite Technology	6035
38	6BM06 Communication Skills	3805
39	6BM07 Microprocessors And Applications-lab	3806
40	6BM08 Physiological Modelling And Simulation-Lab	3807
41	6BM09 Communication Skills-Lab	3808
42	6BM10 Medical Instrumentation-Lab	3809

FOUR YEAR B.E. SEMESTER : SIXTH (CIVIL ENGINEERING)

1	Computer Applications & Computer Aided Drafting	3601
2	Structural Design-I	3602
3	Soil Engineering	3603
4	Theory Of Structures-I	3604
5	Quantity Surveying & Costing	3605

FOUR YEAR B.E. SEMESTER : SIXTH (CIVIL ENGINEERING) (CGS)

1	6CE01 Numerical Methods & Computer Programming	3601
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SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
FOUR YEAR B.E. SEMESTER : SIXTH (CIVIL ENGINEERING) (CGS)			FOUR YEAR B.E. SEMESTER : SIXTH (CIVIL ENGINEERING) (CGS)			FOUR YEAR B.E. SEMESTER : SIXTH (COMPUTER ENGINEERING) (CGS)		
2	6CE02 Structural Design-I	3602	42	6CE10 Minor Project-Lab	3609	31	6FEIT05 Knowledge Management	6029
3	6CE03 Water Resources Engineering-I	3603	FOUR YEAR B.E. SEMESTER : SIXTH (CIVIL ENGINEERING) (NEW)			32	6FETX05 Computer Aided Textile & Fashion Designing	6030
4	6CE04 Transportation Engineering-II	3604	1	Numerical Methods & Computer Programming	3801	33	6FETX05 Fashion Technology	6031
5	6FEME05 Automobile Engineering	6003	2	Structural Design-I	3802	34	6FEAR05 Climate Responsive Architecture	6032
6	6FEME05 Non-conventional Energy Systems	6004	3	Building Planning & Drawing	3803	35	6FEAR05 Sustainable Architecture	6033
7	6FEME05 Energy Management	6005	4	Water Resources Engineering-II	3804	36	06FEPP05 Packaging Technology	6034
8	6FEPE05 Industrial Automation	6006	5	Transportation Engineering-II	3805	37	06FEPP05 Composite Technology	6035
9	6FEPE05 Engg. Economics & Entrepreneurship Develop.	6007	6	Minor Project	3806	38	6KE06 Professional Ethics	3695
10	6FEFP05 Electrical Estimating & Costing	6008	FOUR YEAR B.E. SEMESTER : SIXTH (COMPUTER ENGINEERING) (CGS)			39	6KE07 Operating Systems Lab	3696
11	6FEFP05 Power Supply Systems	6009	1	6KE01 Operating Systems	3691	40	6KE08 Database Systems Lab	3697
12	6FEFE05 Electrical Estimating & Costing	6010	2	6KE02 Database Systems	3692	41	6KE09 Computer Lab-II (Hardware Lab)	3698
13	6FEFE05 Power Supply Systems	6011	3	6KE03 Computing Resources Management	3693	FOUR YEAR B.E. SEMESTER : SIXTH (COMPUTER ENGINEERING)		
14	6FEEX05 Electrical Estimating & Costing	6012	4	6KE04 Computer Architecture	3694	1	Operating Systems	3861
15	6FEEX05 Power Supply Systems	6013	5	6FECE05 Disaster Management	6001	2	Computer Networks	3862
16	6FEXT5 Introduction To Wireless Technology	6014	6	6FECE05 Environmental Management	6002	3	Linear Integrated Circuits	3863
17	6FEXT5 Elect. Test Instruments : Analog & Digital	6015	7	6FEME05 Automobile Engineering	6003	4	Database Processing	3864
18	6FEXN5 Introduction To Wireless Technology	6016	8	6FEME05 Non-conventional Energy Systems	6004	5	Signals & Systems	3865
19	6FEXN5 Elect. Test Instruments- Analog & Digital	6017	9	6FEME05 Energy Management	6005	6	Programming Laboratory	3866
20	6FEKS05 Database Management Systems	6018	10	6FEPE05 Industrial Automation	6006	FOUR YEAR B.E. SEMESTER : SIXTH (COMPUTER SCIENCE & ENGINEERING)		
21	6FEKS05 Software Project Management	6019	11	6FEPE05 Engg. Economics & Entrepreneurship Develop.	6007	1	System Software	3661
22	6FEKE05 Java Programming	6020	12	6FEFP05 Electrical Estimating & Costing	6008	2	Data Communication	3662
23	6FEKE05 Expert Systems	6021	13	6FEFP05 Power Supply Systems	6009	3	System Analysis & Design	3663
24	6FEBM05 Modelling And Simulation	6022	14	6FEFE05 Electrical Estimating & Costing	6010	4	Visual Computing	3667
25	6FEBM05 Biomedical Image Processing	6023	15	6FEFE05 Power Supply Systems	6011	5	Operations Research	3665
26	6FECH05 Renewable Energy Sources	6024	16	6FEEX05 Electrical Estimating & Costing	6012	6	Computer Laboratory-IV	3666
27	6FEBM05 Water Technology	6025	17	6FEEX05 Power Supply Systems	6013	FOUR YEAR B.E. SEMESTER : SIXTH (COMPUTER SCIENCE & ENGINEERING) (CGS)		
28	6FEIE05 Control System And Components	6026	18	6FEXT5 Introduction To Wireless Technology	6014	1	6KS01 Operating Systems	3681
29	6FEIE05 Industrial Automation & Process Control	6027	19	6FEXT5 Elect. Test Instruments : Analog & Digital	6015	2	6KS02 Database Systems	3682
30	6FEIT05 E Commerce	6028	20	6FEXN5 Introduction To Wireless Technology	6016	3	6KS03 Computing Resources Management	3683
31	6FEIT05 Knowledge Management	6029	21	6FEXN5 Elect. Test Instruments- Analog & Digital	6017	4	6KS04 Computer Architecture	3684
32	6FETX05 Computer Aided Textile & Fashion Designing	6030	22	6FEKS05 Database Management Systems	6018	5	6FECE05 Disaster Management	6001
33	6FETX05 Fashion Technology	6031	23	6FEKS05 Software Project Management	6019	6	6FECE05 Environmental Management	6002
34	6FEAR05 Climate Responsive Architecture	6032	24	6FEBM05 Modelling And Simulation	6022	7	6FEME05 Automobile Engineering	6003
35	6FEAR05 Sustainable Architecture	6033	25	6FEBM05 Biomedical Image Processing	6023	8	6FEME05 Non-conventional Energy Systems	6004
36	06FEPP05 Packaging Technology	6034	26	6FECH05 Renewable Energy Sources	6024	9	6FEME05 Energy Management	6005
37	06FEPP05 Composite Technology	6035	27	6FEBM05 Water Technology	6025	10	6FEPE05 Industrial Automation	6006
38	6CE06 Estimating & Costing	3605	28	6FEIE05 Control System And Components	6026	11	6FEPE05 Engg. Economics & Entrepreneurship Develop.	6007
39	6CE07 Numerical Methods & Computer Programming-Lab	3606	29	6FEIE05 Industrial Automation & Process Control	6027	12	6FEFP05 Electrical Estimating & Costing	6008
40	6CE08 Structural Design-I-Lab	3607	30	6FEIT05 E Commerce	6028	13	6FEFP05 Power Supply Systems	6009
41	6CE09 Estimating & Costing-Lab	3608				14	6FEFE05 Electrical Estimating & Costing	6010

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**FOUR YEAR B.E. SEMESTER :
SIXTH (COMPUTER SCIENCE &
ENGINEERING) (CGS)**

15	6FEEE05 Power Supply Systems	6011
16	6FEEX05 Electrical Estimating & Costing	6012
17	6FEEX05 Power Supply Systems	6013
18	6FEXT5 Introduction To Wireless Technology	6014
19	6FEXT5 Elect. Test Instruments : Analog & Digital	6015
20	6FEXN5 Introduction To Wireless Technology	6016
21	6FEXN5 Elect. Test Instruments- Analog & Digital	6017
22	6FEKE05 Java Programming	6020
23	6FEKE05 Expert Systems	6021
24	6FEBM05 Modelling And Simulation	6022
25	6FEBM05 Biomedical Image Processing	6023
26	6FECH05 Renewabel Energy Sources	6024
27	6FEBM05 Water Technology	6025
28	6FEIE05 Control System And Components	6026
29	6FEIE05 Industrial Automation & Process Control	6027
30	6FEIT05 E Commerce	6028
31	6FEIT05 Knowledge Management	6029
32	6FETX05 Computer Aided Textile & Fashion Designing	6030
33	6FETX05 Fashion Technology	6031
34	6FEAR05 Climate Resonsive Architecture	6032
35	6FEAR05 Sustainable Architecture	6033
36	06FEPP05 Packaging Technology	6034
37	06FEPP05 Composite Technology	6035
38	6KS06 Professional Ethics	3685
39	6KS07 Operating Systems Lab	3686
40	6KS08 Database Systems Lab	3687
41	6KS09 Computer Lab-II (Hardware Lab)	3688

**FOUR YEAR B.E. SEMESTER :
SIXTH (COMPUTER SCIENCE &
ENGINEERING) (NEW)**

1	System Software	3661
2	Data Communication	3662
3	System Analysis & Design	3663
4	Theory Of Computation	3664
5	Operations Research	3665
6	Computer Laboratory-IV	3666

**FOUR YEAR B.E. SEMESTER :
SIXTH (ELECTRICAL &
ELECTRONICS ENGINEERING)**

1	Digital Signal Processing	3821
2	Electrical Power - II	3822
3	Optimization Techniques	3823
4	Microprocessors & Microcontroller	3824
5	Power Electronics -I	3825

**FOUR YEAR B.E. SEMESTER :
SIXTH (ELECTRICAL &
ELECTRONICS ENGINEERING)
(CGS)**

1	6EX01 Digital Signal Processing	3651
2	6EX02 Optimisation Techniques	3652
3	6EX03 Electrical Power-II	3653
4	6EX04 Microprocessor & Microcontroller	3654
5	6FECE05 Disaster Management	6001
6	6FECE05 Environmental Management	6002
7	6FEME05 Automobile Engineering	6003
8	6FEME05 Non-conventional Energy Systems	6004
9	6FEME05 Energy Management	6005
10	6FEPE05 Industrial Automation	6006
11	6FEPE05 Engg. Economics & Entrepreneurship Develp.	6007
12	6FEPE05 Electrical Estimating & Costing	6008
13	6FEPE05 Power Supply Systems	6009
14	6FEEE05 Electrical Estimating & Costing	6010
15	6FEEE05 Power Supply Systems	6011
16	6FEXT5 Introduction To Wireless Technology	6014
17	6FEXT5 Elect. Test Instruments : Analog & Digital	6015
18	6FEXN5 Introduction To Wireless Technology	6016
19	6FEXN5 Elect. Test Instruments- Analog & Digital	6017
20	6FEKS05 Database Management Systems	6018
21	6FEKS05 Software Project Management	6019
22	6FEKE05 Java Programming	6020
23	6FEKE05 Expert Systems	6021
24	6FEBM05 Modelling And Simulation	6022
25	6FEBM05 Biomedical Image Processing	6023
26	6FECH05 Renewabel Energy Sources	6024
27	6FEBM05 Water Technology	6025
28	6FEIE05 Control System And Components	6026
29	6FEIE05 Industrial Automation & Process Control	6027
30	6FEIT05 E Commerce	6028
31	6FEIT05 Knowledge Management	6029
32	6FETX05 Computer Aided Textile & Fashion Designing	6030
33	6FETX05 Fashion Technology	6031
34	6FEAR05 Climate Resonsive Architecture	6032
35	6FEAR05 Sustainable Architecture	6033
36	06FEPP05 Packaging Technology	6034
37	06FEPP05 Composite Technology	6035
38	6EX06 Power Electronics - I	3655
39	6EX07 Electrical Power-II Lab	3656
40	6EX08 Microprocessor & Microcontroller Lab	3657

**FOUR YEAR B.E. SEMESTER :
SIXTH (ELECTRICAL &
ELECTRONICS ENGINEERING)
(CGS)**

41	6EX09 Power Electronics-I Lab	3658
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**FOUR YEAR B.E. SEMESTER :
SIXTH (ELECTRICAL
ENGINEERING) (CGS)**

1	6EE01 Electrical Power - I	3641
2	6EE02 Optimisation Techniques	3642
3	6EE03 Power Electronics	3643
4	6EE04 Computer Aided Machine Design	3644
5	6FECE05 Disaster Management	6001
6	6FECE05 Environmental Management	6002
7	6FEME05 Automobile Engineering	6003
8	6FEME05 Non-conventional Energy Systems	6004
9	6FEME05 Energy Management	6005
10	6FEPE05 Industrial Automation	6006
11	6FEPE05 Engg. Economics & Entrepreneurship Develp.	6007
12	6FEPE05 Electrical Estimating & Costing	6008
13	6FEPE05 Power Supply Systems	6009
14	6FEEX05 Electrical Estimating & Costing	6012
15	6FEEX05 Power Supply Systems	6013
16	6FEXT5 Introduction To Wireless Technology	6014
17	6FEXT5 Elect. Test Instruments : Analog & Digital	6015
18	6FEXN5 Introduction To Wireless Technology	6016
19	6FEXN5 Elect. Test Instruments- Analog & Digital	6017
20	6FEKS05 Database Management Systems	6018
21	6FEKS05 Software Project Management	6019
22	6FEKE05 Java Programming	6020
23	6FEKE05 Expert Systems	6021
24	6FEBM05 Modelling And Simulation	6022
25	6FEBM05 Biomedical Image Processing	6023
26	6FECH05 Renewabel Energy Sources	6024
27	6FEBM05 Water Technology	6025
28	6FEIE05 Control System And Components	6026
29	6FEIE05 Industrial Automation & Process Control	6027
30	6FEIT05 E Commerce	6028
31	6FEIT05 Knowledge Management	6029
32	6FETX05 Computer Aided Textile & Fashion Designing	6030
33	6FETX05 Fashion Technology	6031
34	6FEAR05 Climate Resonsive Architecture	6032
35	6FEAR05 Sustainable Architecture	6033
36	06FEPP05 Packaging Technology	6034
37	06FEPP05 Composite Technology	6035

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FOUR YEAR B.E. SEMESTER : SIXTH (ELECTRICAL ENGINEERING) (CGS)			FOUR YEAR B.E. SEMESTER : SIXTH (ELECTRONICS & TELECOMM. ENGG.) (NEW) (CGS)			FOUR YEAR B.E. SEMESTER : SIXTH (ELECTRONICS & TELECOMMUNICATION ENGG.) (CGS)		
38	6EE06 Electrical Energy Utilisation	3645	35	6FETX05 Fashion Technology	6031	29	6FEIE05 Industrial Automation & Process Control	6027
39	6EE07 Power Electronics-I-Lab	3646	36	6FEAR05 Climate Resonsive Architecture	6032	30	6FEIT05 E Commerce	6028
40	6EE08 Computer Aided Machine Design-Lab	3647	37	6FEAR05 Sustainable Architecture	6033	31	6FEIT05 Knowledge Management	6029
41	6EE09 Electrical Energy Utilisation-Lab	3648	38	06FEPP05 Packaging Technology	6034	32	6FETX05 Computer Aided Textile & Fashion Designing	6030
FOUR YEAR B.E. SEMESTER : SIXTH (ELECTRONICS & TELECOMM. ENGG.) (NEW) (CGS)			39	06FEPP05 Composite Technology	6035	33	6FETX05 Fashion Technology	6031
1	6XT1 Digital Integrated Circuits	3841	40	6XT6 Communication Skills	3845	34	6FEAR05 Climate Resonsive Architecture	6032
2	6XT2 Linear Integrated Circuit	3842	41	6XT7 Integrated Circuit Lab.	3846	35	6FEAR05 Sustainable Architecture	6033
3	6XT3 Introduction To Microprocessors	3843	42	6XT8 Introduction To Microprocessors Lab.	3847	36	06FEPP05 Packaging Technology	6034
4	6XT4 Digital Communication	3844	43	6XT9 Digital Communication Lab.	3848	37	06FEPP05 Composite Technology	6035
5	6FECE05 Disaster Management	6001	44	6XT10 Communication Skills Lab.	3849	38	6XT6 Integrated Circuit Lab	3665
6	6FECE05 Environmental Management	6002	FOUR YEAR B.E. SEMESTER : SIXTH (ELECTRONICS & TELECOMMUNICATION ENGG.) (CGS)			39	6XT7 Introduction To Microprocessors Lab	3666
7	6FEME05 Automobile Engineering	6003	1	6XT1 Digital Integrated Circuits	3661	40	6XT8 Digital Communication Lab	3667
8	6FEME05 Non-conventional Energy Systems	6004	2	6XT2 Linear Integrated Circuit	3662	FOUR YEAR B.E. SEMESTER : SIXTH (ELECTRONICS & TELECOMMUNICATION ENGG.) (NEW)		
9	6FEME05 Energy Management	6005	3	6XT3 Introduction To Microprocessors	3663	1	Computer Organisation	3641
10	6FEPE05 Industrial Automation	6006	4	6XT4 Digital Communication	3664	2	Introduction To Microprocessors	3642
11	6FEPE05 Engg. Economics & Entrepreneurship Develp.	6007	5	6FECE05 Disaster Management	6001	3	Communication Engineering-II	3643
12	6FEFP05 Electrical Estimating & Costing	6008	6	6FECE05 Environmental Management	6002	4	Numerical Methods & Optimization Techniques	3644
13	6FEFP05 Power Sypply Systems	6009	7	6FEME05 Automobile Engineering	6003	5	Linear Integrated Circuits	3645
14	6FEFE05 Electrical Estimating & Costing	6010	8	6FEME05 Non-conventional Energy Systems	6004	6	Communication Skills	3646
15	6FEFE05 Power Supply Systems	6011	9	6FEME05 Energy Management	6005	FOUR YEAR B.E. SEMESTER : SIXTH (ELECTRONICS & TELECOMMUNICATION)		
16	6FEEX05 Electrical Estimating & Costing	6012	10	6FEPE05 Industrial Automation	6006	1	Computer Organisation	3641
17	6FEEX05 Power Sypply Systems	6013	11	6FEPE05 Engg. Economics & Entrepreneurship Develp.	6007	2	Introduction To Microprocessors	3642
18	6FEXT5 Introduction To Wireless Technology	6014	12	6FEFP05 Electrical Estimating & Costing	6008	3	Communication Engineering-II	3643
19	6FEXT5 Elect. Test Instruments : Analog & Digital	6015	13	6FEFP05 Power Sypply Systems	6009	4	Numerical Methods & Optimization Techniques	3644
20	6FEXN5 Introduction To Wireless Technology	6016	14	6FEFE05 Electrical Estimating & Costing	6010	5	Linear Integrated Circuits	3645
21	6FEXN5 Elect. Test Instruments- Analog & Digital	6017	15	6FEFE05 Power Supply Systems	6011	FOUR YEAR B.E. SEMESTER : SIXTH (ELECTRONICS ENGINEERING) (CGS)		
22	6FEKS05 Database Management Systems	6018	16	6FEEX05 Electrical Estimating & Costing	6012	1	6XN1 Digital Integrated Circuits	3671
23	6FEKS05 Software Project Management	6019	17	6FEEX05 Power Sypply Systems	6013	2	6XN2 Linear Integrated Circuits	3672
24	6FEKE05 Java Programming	6020	18	6FEXN5 Introduction To Wireless Technology	6016	3	6XN3 Introduction To Microprocessors	3673
25	6FEKE05 Expert Systems	6021	19	6FEXN5 Elect. Test Instruments- Analog & Digital	6017	4	6XN4 Radar & Television Engineering	3674
26	6FEBM05 Modelling And Simulation	6022	20	6FEKS05 Database Management Systems	6018	5	6FECE05 Disaster Management	6001
27	6FEBM05 Biomedical Image Processing	6023	21	6FEKS05 Software Project Management	6019	6	6FECE05 Environmental Management	6002
28	6FECH05 Renewabel Energy Sources	6024	22	6FEKE05 Java Programming	6020	7	6FEME05 Automobile Engineering	6003
29	6FEBM05 Water Technology	6025	23	6FEKE05 Expert Systems	6021	8	6FEME05 Non-conventional Energy Systems	6004
30	6FEIE05 Control System And Components	6026	24	6FEBM05 Modelling And Simulation	6022	9	6FEME05 Energy Management	6005
31	6FEIE05 Industrial Automation & Process Control	6027	25	6FEBM05 Biomedical Image Processing	6023	10	6FEPE05 Industrial Automation	6006
32	6FEIT05 E Commerce	6028	26	6FECH05 Renewabel Energy Sources	6024	11	6FEPE05 Engg. Economics & Entrepreneurship Develp.	6007
33	6FEIT05 Knowledge Management	6029	27	6FEBM05 Water Technology	6025	12	6FEFP05 Electrical Estimating & Costing	6008
34	6FETX05 Computer Aided Textile & Fashion Designing	6030	28	6FEIE05 Control System And Components	6026			

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**FOUR YEAR B.E. SEMESTER :
SIXTH (ELECTRONICS
ENGINEERING) (CGS)**

13	6FEFP05 Power Syppy Systems	6009
14	6FEFE05 Electrical Estimating & Costing	6010
15	6FEFE05 Power Supply Systems	6011
16	6FEEX05 Electrical Estimating & Costing	6012
17	6FEEX05 Power Syppy Systems	6013
18	6FEXT5 Introduction To Wireless Technology	6014
19	6FEXT5 Elect. Test Instruments : Analog & Digital	6015
20	6FEKS05 Database Management Systems	6018
21	6FEKS05 Software Project Management	6019
22	6FEKE05 Java Programming	6020
23	6FEKE05 Expert Systems	6021
24	6FEBM05 Modelling And Simulation	6022
25	6FEBM05 Biomedical Image Processing	6023
26	6FECH05 Renewabel Energy Sources	6024
27	6FEBM05 Water Technology	6025
28	6FEIE05 Control System And Components	6026
29	6FEIE05 Industrial Automation & Process Control	6027
30	6FEIT05 E Commerce	6028
31	6FEIT05 Knowledge Management	6029
32	6FETX05 Computer Aided Textile & Fashion Designing	6030
33	6FETX05 Fashion Technology	6031
34	6FEAR05 Climate Resonsive Architecture	6032
35	6FEAR05 Sustainable Architecture	6033
36	06FEPP05 Packaging Technology	6034
37	06FEPP05 Composite Technology	6035
38	6XN6 Digital Integrated Circuits Lab	3675
39	6XN7 Linear Integrated Circuits Lab	3676
40	6XN8 Introduction To Microprocessors Lab	3677

**FOUR YEAR B.E. SEMESTER :
SIXTH (ELECTRONICS
ENGINEERING) (NEW) (CGS)**

1	6XN1 Digital Integrated Circuits	3851
2	6XN2 Linear Intergrated Circuits	3852
3	6XN3 Introduction To Microprocessors	3853
4	6XN4 Radar & Television Engineering	3854
5	6FECE05 Disaster Management	6001
6	6FECE05 Environmental Management	6002
7	6FEME05 Automobile Engineering	6003
8	6FEME05 Non-conventional Energy Systems	6004
9	6FEME05 Energy Management	6005
10	6FEPE05 Industrial Automation	6006

**FOUR YEAR B.E. SEMESTER :
SIXTH (ELECTRONICS
ENGINEERING) (NEW) (CGS)**

11	6FEPE05 Engg. Economics & Entrepreneurship Develp.	6007
12	6FEFP05 Electrical Estimating & Costing	6008
13	6FEFP05 Power Syppy Systems	6009
14	6FEFE05 Electrical Estimating & Costing	6010
15	6FEFE05 Power Supply Systems	6011
16	6FEEX05 Electrical Estimating & Costing	6012
17	6FEEX05 Power Syppy Systems	6013
18	6FEXT5 Introduction To Wireless Technology	6014
19	6FEXT5 Elect. Test Instruments : Analog & Digital	6015
20	6FEXN5 Introduction To Wireless Technology	6016
21	6FEXN5 Elect. Test Instruments- Analog & Digital	6017
22	6FEKS05 Database Management Systems	6018
23	6FEKS05 Software Project Management	6019
24	6FEKE05 Java Programming	6020
25	6FEKE05 Expert Systems	6021
26	6FEBM05 Modelling And Simulation	6022
27	6FEBM05 Biomedical Image Processing	6023
28	6FECH05 Renewabel Energy Sources	6024
29	6FEBM05 Water Technology	6025
30	6FEIE05 Control System And Components	6026
31	6FEIE05 Industrial Automation & Process Control	6027
32	6FEIT05 E Commerce	6028
33	6FEIT05 Knowledge Management	6029
34	6FETX05 Computer Aided Textile & Fashion Designing	6030
35	6FETX05 Fashion Technology	6031
36	6FEAR05 Climate Resonsive Architecture	6032
37	6FEAR05 Sustainable Architecture	6033
38	06FEPP05 Packaging Technology	6034
39	06FEPP05 Composite Technology	6035
40	6XN6 Communication Skills	3855
41	6XN7 Digital Intergrated Circuits Lab.	3856
42	6XN8 Linear Intergrated Circuits Lab.	3857
43	6XN9 Introduction To Mircroprocessors Lab.	3858
44	6XN10 Communication Skills Lab.	3859

**FOUR YEAR B.E. SEMESTER :
SIXTH (INDUSTRIAL
ELECTRONICS)**

1	Computer Organisation	3651
2	Introduction To Microprocessors	3652
3	Industrial Electronics-I	3653
4	Numerical Methods & Optimization Techniques	3654
5	Linear Integrated Circuits	3655

**FOUR YEAR B.E. SEMESTER :
SIXTH (INDUSTRIAL
ENGINEERING) (NEW)**

1	Computer Organisation	3651
2	Introduction To Microprocessors	3652
3	Industrial Electronics-I	3653
4	Numerical Methods & Optimization Techniques	3654
5	Linear Integrated Circuits	3655
6	Communication Skills	3656

**FOUR YEAR B.E. SEMESTER :
SIXTH (INFORMATION
TECHNOLOGY)**

1	Operating Systems	3671
2	Digital Communication	3672
3	Data Base Management Systems	3673
4	Theory Of Computation	3674
5	Microprocessor Based Design	3675
6	Communication Skills	3676

**FOUR YEAR B.E. SEMESTER :
SIXTH (INFORMATION
TECHNOLOGY) (CGS)**

1	6IT01 Principles Of Management	3831
2	6IT02 Database Management Systems	3832
3	6IT03 Theory Of Computation	3833
4	6IT04 Computer Networks	3834
5	6FECE05 Disaster Management	6001
6	6FECE05 Environmental Management	6002
7	6FEME05 Automobile Engineering	6003
8	6FEME05 Non-conventional Energy Systems	6004
9	6FEME05 Energy Management	6005
10	6FEPE05 Industrial Automation	6006
11	6FEPE05 Engg. Economics & Entrepreneurship Develp.	6007
12	6FEFP05 Electrical Estimating & Costing	6008
13	6FEFP05 Power Syppy Systems	6009
14	6FEFE05 Electrical Estimating & Costing	6010
15	6FEFE05 Power Supply Systems	6011
16	6FEEX05 Electrical Estimating & Costing	6012
17	6FEEX05 Power Syppy Systems	6013
18	6FEXT5 Introduction To Wireless Technology	6014
19	6FEXT5 Elect. Test Instruments : Analog & Digital	6015
20	6FEXN5 Introduction To Wireless Technology	6016
21	6FEXN5 Elect. Test Instruments- Analog & Digital	6017
22	6FEKS05 Database Management Systems	6018
23	6FEKS05 Software Project Management	6019
24	6FEKE05 Java Programming	6020
25	6FEKE05 Expert Systems	6021
26	6FEBM05 Modelling And Simulation	6022

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**FOUR YEAR B.E. SEMESTER :
SIXTH (INFORMATION
TECHNOLOGY) (CGS)**

27	6FEFBM05 Biomedical Image Processing	6023
28	6FECH05 Renewabel Energy Sources	6024
29	6FEFBM05 Water Technology	6025
30	6FEIE05 Control System And Components	6026
31	6FEIE05 Industrial Automation & Process Control	6027
32	6FETX05 Computer Aided Textile & Fashion Designing	6030
33	6FETX05 Fashion Technology	6031
34	6FEAR05 Climate Resonsive Architecture	6032
35	6FEAR05 Sustainable Architecture	6033
36	06FEPP05 Packaging Technology	6034
37	06FEPP05 Composite Technology	6035
38	6IT06 Database Management Systems-Lab	3835
39	6IT07 Computer Networks-Labs	3836
40	6IT08 Computer Lab-IV (UML)	3837

**FOUR YEAR B.E. SEMESTER :
SIXTH (INFORMATION
TECHNOLOGY) (NEW)**

1	Operating Systems	3671
2	Digital Communication	3672
3	Data Base Management Systems	3673
4	Theory Of Computation	3677
5	Microprocessor Based Design	3675
6	Computer Laboratory (VC++ Lab.)	3678

**FOUR YEAR B.E. SEMESTER :
SIXTH (INFORMATION
TECHNOLOGY) (OLD)**

1	Operating Systems	3671
2	Digital Communication	3672
3	Data Base Management Systems	3673
4	Theory Of Computation	3677
5	Microprocessor Based Design	3675
6	Computer Laboratory (VC++ Lab.)	3678

**FOUR YEAR B.E. SEMESTER :
SIXTH (INSTRUMENTATION
ENGINEERING) (CGS)**

1	6IE01 Control System Components	3821
2	6IE02 Unit Operation	3822
3	6IE03 Digital Circuits Design	3823
4	6IE04 Analog And Digital Integrated Circuits	3824
5	6FECE05 Disaster Management	6001
6	6FECE05 Environmental Management	6002
7	6FEME05 Automobile Engineering	6003
8	6FEME05 Non-conventional Energy Systems	6004
9	6FEME05 Energy Management	6005
10	6FEPE05 Industrial Automation	6006

**FOUR YEAR B.E. SEMESTER :
SIXTH (INSTRUMENTATION
ENGINEERING) (CGS)**

11	6FEPE05 Engg. Economics & Entrepreneurship Develp.	6007
12	6FEEP05 Electrical Estimating & Costing	6008
13	6FEEP05 Power Sypply Systems	6009
14	6FEEE05 Electrical Estimating & Costing	6010
15	6FEEE05 Power Supply Systems	6011
16	6FEEX05 Electrical Estimating & Costing	6012
17	6FEEX05 Power Sypply Systems	6013
18	6FEXT5 Introduction To Wireless Technology	6014
19	6FEXT5 Elect. Test Instruments : Analog & Digital	6015
20	6FEXN5 Introduction To Wireless Technology	6016
21	6FEXN5 Elect. Test Instruments- Analog & Digital	6017
22	6FEKS05 Database Management Systems	6018
23	6FEKS05 Software Project Management	6019
24	6FEKE05 Java Programming	6020
25	6FEKE05 Expert Systems	6021
26	6FEFBM05 Modelling And Simulation	6022
27	6FEFBM05 Biomedical Image Processing	6023
28	6FECH05 Renewabel Energy Sources	6024
29	6FEFBM05 Water Technology	6025
30	6FEIT05 E Commerce	6028
31	6FEIT05 Knowledge Management	6029
32	6FETX05 Computer Aided Textile & Fashion Designing	6030
33	6FETX05 Fashion Technology	6031
34	6FEAR05 Climate Resonsive Architecture	6032
35	6FEAR05 Sustainable Architecture	6033
36	06FEPP05 Packaging Technology	6034
37	06FEPP05 Composite Technology	6035
38	6IE06 Control System Components - Lab.	3825
39	6IE07 Analog And Digital Integrated Circuit - Lab.	3826

**FOUR YEAR B.E. SEMESTER :
SIXTH (INSTRUMENTATION
ENGINEERING) (NEW)**

1	Analytical Instrumentation	3691
2	Basic Industrial Management	3692
3	Pulse & Digital Circuits	3693
4	Electronics Instrumentation	3694
5	Linear Integrated Circuits	3695
6	Communication Skills	3696

**FOUR YEAR B.E. SEMESTER :
SIXTH (INSTRUMENTATION)**

1	Analytical Instrumentation	3691
2	Basic Industrial Management	3692
3	Pulse & Digital Circuits	3693
4	Electronics Instrumentation	3694

**FOUR YEAR B.E. SEMESTER :
SIXTH (INSTRUMENTATION)**

5	Linear Integrated Circuits	3695
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**FOUR YEAR B.E. SEMESTER :
SIXTH (MECHANICAL
ENGINEERING) (CGS)**

1	6ME01 Fluid Power-II	3611
2	6ME02 Computer Software Applications	3612
3	6ME03 Control System Engineering	3613
4	6ME04 Theory Of Machines-II	3614
5	6FECE05 Disaster Management	6001
6	6FECE05 Environmental Management	6002
7	6FEPE05 Industrial Automation	6006
8	6FEPE05 Engg. Economics & Entrepreneurship Develp.	6007
9	6FEEP05 Electrical Estimating & Costing	6008
10	6FEEP05 Power Sypply Systems	6009
11	6FEEE05 Electrical Estimating & Costing	6010
12	6FEEE05 Power Supply Systems	6011
13	6FEEX05 Electrical Estimating & Costing	6012
14	6FEEX05 Power Sypply Systems	6013
15	6FEXT5 Introduction To Wireless Technology	6014
16	6FEXT5 Elect. Test Instruments : Analog & Digital	6015
17	6FEXN5 Introduction To Wireless Technology	6016
18	6FEXN5 Elect. Test Instruments- Analog & Digital	6017
19	6FEKS05 Database Management Systems	6018
20	6FEKS05 Software Project Management	6019
21	6FEKE05 Java Programming	6020
22	6FEKE05 Expert Systems	6021
23	6FEFBM05 Modelling And Simulation	6022
24	6FEFBM05 Biomedical Image Processing	6023
25	6FECH05 Renewabel Energy Sources	6024
26	6FEFBM05 Water Technology	6025
27	6FEIE05 Control System And Components	6026
28	6FEIE05 Industrial Automation & Process Control	6027
29	6FEIT05 E Commerce	6028
30	6FEIT05 Knowledge Management	6029
31	6FETX05 Computer Aided Textile & Fashion Designing	6030
32	6FETX05 Fashion Technology	6031
33	6FEAR05 Climate Resonsive Architecture	6032
34	6FEAR05 Sustainable Architecture	6033
35	06FEPP05 Packaging Technology	6034
36	06FEPP05 Composite Technology	6035
37	6ME06 Communications Skills	3615
38	6ME07 Fluid Power-II-Lab	3616

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.E. SEMESTER :
SIXTH (MECHANICAL
ENGINEERING) (CGS)**

39	6ME08 Computer Software Applications-II-Lab	3617
40	6ME09 Theory Of Machines-II-Lab	3618
41	6ME10 Communication Skills-Lab	3619

**FOUR YEAR B.E. SEMESTER :
SIXTH (MECHANICAL
ENGINEERING)**

1	Fluid Power-II	3611
2	Machine Design-I	3612
3	Computer Software Applications-II	3613
4	Control System Engineering	3614
5	Theory Of Machine-II	3615

**FOUR YEAR B.E. SEMESTER :
SIXTH (MECHANICAL
ENGINEERING) (NEW)**

1	Fluid Power-II	3611
2	Machine Design-I	3612
3	Computer Software Applications-II	3613
4	Control System Engineering	3614
5	Theory Of Machine-II	3615
6	Communication Skills	3616

**FOUR YEAR B.E. SEMESTER :
SIXTH (PRODUCTION
ENGINEERING)**

1	Tool Engineering-II	3621
2	Metrology & Quality Control	3622
3	Control System Engineering	3623
4	Work Study	3624
5	Machine Tool Design	3625
6	Industrial Visit	3626

**FOUR YEAR B.E. SEMESTER :
SIXTH (PRODUCTION
ENGINEERING) (CGS)**

1	6PE01 Tool Engineering-II	3621
2	6PE02 Metrology & Quality Control	3622
3	6PE03 Machine Tool Design	3623
4	6PE04 Work Study	3624
5	6FECE05 Disaster Management	6001
6	6FECE05 Environmental Management	6002
7	6FEME05 Automobile Engineering	6003
8	6FEME05 Non-conventional Energy Systems	6004
9	6FEME05 Energy Management	6005
10	6FEPE05 Electrical Estimating & Costing	6008
11	6FEPE05 Power Supply Systems	6009
12	6FEEE05 Electrical Estimating & Costing	6010
13	6FEEE05 Power Supply Systems	6011
14	6FEEX05 Electrical Estimating & Costing	6012
15	6FEEX05 Power Supply Systems	6013
16	6FEXT5 Introduction To Wireless Technology	6014

**FOUR YEAR B.E. SEMESTER :
SIXTH (PRODUCTION
ENGINEERING) (CGS)**

17	6FEXT5 Elect. Test Instruments : Analog & Digital	6015
18	6FEXN5 Introduction To Wireless Technology	6016
19	6FEXN5 Elect. Test Instruments- Analog & Digital	6017
20	6FEKS05 Database Management Systems	6018
21	6FEKS05 Software Project Management	6019
22	6FEKE05 Java Programming	6020
23	6FEKE05 Expert Systems	6021
24	6FEBM05 Modelling And Simulation	6022
25	6FEBM05 Biomedical Image Processing	6023
26	6FECH05 Renewabel Energy Sources	6024
27	6FEBM05 Water Technology	6025
28	6FEIE05 Control System And Components	6026
29	6FEIE05 Industrial Automation & Process Control	6027
30	6FEIT05 E Commerce	6028
31	6FEIT05 Knowledge Management	6029
32	6FETX05 Computer Aided Textile & Fashion Designing	6030
33	6FETX05 Fashion Technology	6031
34	6FEAR05 Climate Resonsive Architecture	6032
35	6FEAR05 Sustainable Architecture	6033
36	06FEPP05 Packaging Technology	6034
37	06FEPP05 Composite Technology	6035
38	6PE06 Tool Engineering-II-Lab	3625
39	6PE07 Metrology & Quality Control-Lab	3626
40	6PE08 Machine Tool Design-Lab	3627
41	6PE09 Minor Project (Machine Shop Practice)	3628

**FOUR YEAR B.E. SEMESTER :
SIXTH (PRODUCTION
ENGINEERING) (NEW)**

1	Tool Engineering-II	3621
2	Metrology & Quality Control	3622
3	Control System Engineering	3623
4	Work Study	3624
5	Machine Tool Design	3625
6	Industrial Visit	3626
7	Communication Skills	3627

**FOUR YEAR B.E. SEMESTER :
SIXTH ELECTRICAL ENGG.
(ELECTRONICS & POWER)
(NEW)**

1	Electrical Power-I	3831
2	Operations Research & Management	3832
3	Power Electronics	3833
4	Numerical Methods & Computer Programming	3834
5	Electrical Energy Utilization	3835

**FOUR YEAR B.E. SEMESTER :
SIXTH ELECTRICAL ENGG.
(ELECTRONICS & POWER)
(NEW1)**

1	Electrical Power-I	3831
2	Operations Research & Management	3832
3	Power Electronics	3833
4	Numerical Methods & Computer Programming	3834
5	Electrical Energy Utilization	3835
6	Communication Skills	3836

**FOUR YEAR B.E. SEMESTER :
SIXTH ELECTRICAL
ENGG.(ELECTRONICS &
POWER)**

1	Mathematics-IV	3631
2	Workshop Technology	3632
3	Operation Research & Management	3633
4	Control System-I	3634
5	Power Electronics	3635

**FOUR YEAR B.E. SEMESTER :
SIXTH ELECTRICAL
ENGG.(ELECTRONICS &
POWER) (CGS)**

1	6EP01 Electrical Power-I	3631
2	6EP02 Optimisation Techniques	3632
3	6EP03 Power Electronics	3633
4	6EP04 Computer Aided Machine Design	3634
5	6FECE05 Disaster Management	6001
6	6FECE05 Environmental Management	6002
7	6FEME05 Automobile Engineering	6003
8	6FEME05 Non-conventional Energy Systems	6004
9	6FEME05 Energy Management	6005
10	6FEPE05 Industrial Automation	6006
11	6FEPE05 Engg. Economics & Entrepreneurship Develp.	6007
12	6FEEE05 Electrical Estimating & Costing	6010
13	6FEEE05 Power Supply Systems	6011
14	6FEEX05 Electrical Estimating & Costing	6012
15	6FEEX05 Power Sypply Systems	6013
16	6FEXT5 Introduction To Wireless Technology	6014
17	6FEXT5 Elect. Test Instruments : Analog & Digital	6015
18	6FEXN5 Introduction To Wireless Technology	6016
19	6FEXN5 Elect. Test Instruments- Analog & Digital	6017
20	6FEKS05 Database Management Systems	6018
21	6FEKS05 Software Project Management	6019
22	6FEKE05 Java Programming	6020
23	6FEKE05 Expert Systems	6021
24	6FEBM05 Modelling And Simulation	6022
25	6FEBM05 Biomedical Image Processing	6023

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.E. SEMESTER :
SIXTH ELECTRICAL
ENGG.(ELECTRONICS &
POWER) (CGS)**

26	6FECH05 Renewabel Energy Sources	6024
27	6FEBM05 Water Technology	6025
28	6FEIE05 Control System And Components	6026
29	6FEIE05 Industrial Automation & Process Control	6027
30	6FEIT05 E Commerce	6028
31	6FEIT05 Knowledge Management	6029
32	6FETX05 Computer Aided Textile & Fashion Designing	6030
33	6FETX05 Fashion Technology	6031
34	6FEAR05 Climate Resonsive Architecture	6032
35	6FEAR05 Sustainable Architecture	6033
36	06FEPP05 Packaging Technology	6034
37	06FEPP05 Composite Technology	6035
38	6EP06 Electrical Energy Utilisation	3635
39	6EP07 Power Electronics-I Lab	3636
40	6EP08 Computer Aided Machine Design Lab	3637
41	6EP09 Electrical Energy Utilisation Lab	3638

**FOUR YEAR B.E. SEMESTER :
THIRD (BIOMEDICAL
ENGINEERING)**

1	Transforms & Probability	2581
2	Human Physiology	2582
3	Transducers & Signal Conditioning	2583
4	Electronic Devices & Circuits	2584
5	Bio Physics	2585

**FOUR YEAR B.E. SEMESTER :
THIRD (BIOMEDICAL
ENGINEERING) (CGS)**

1	3BM01 Transforms And Probability	2391
2	3BM02 Human Physiology	2392
3	3BM03 Transducers & Signal Conditioning	2393
4	3BM04 Electronic Devices & Circuits	2394
5	3BM05 Bio Physics	2395
6	3BM06 Human Physiology - Lab.	2396
7	3BM07 Transducers & Signal Conditioning - Lab.	2397
8	3BM08 Electronic Devices & Circuits - Lab.	2398

**FOUR YEAR B.E. SEMESTER :
THIRD (CIVIL ENGINEERING)**

1	Mathematics-III	2301
2	Strength Of Materials	2302
3	Transportation Engineering-I	2303
4	Building Construction	2304
5	Geology And Engineering Materials	2305

**FOUR YEAR B.E. SEMESTER :
THIRD (CIVIL ENGINEERING)
(CGS)**

1	3CE01 Mathematics-III	2301
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**FOUR YEAR B.E. SEMESTER :
THIRD (CIVIL ENGINEERING)
(CGS)**

2	3CE02 Strength Of Materials	2302
3	3CE03 Transportation Engineering-I	2303
4	3CE04 Building Construction & Materials	2304
5	3CE05 Engineering Geology	2305
6	3CE06 Strength Of Materials - Lab.	2306
7	3CE07 Transportation Engineering-I - Lab.	2307
8	3CE08 Building Construction & Materials - Lab.	2308
9	3CE09 Engineering Geology - Lab.	2309

**FOUR YEAR B.E. SEMESTER :
THIRD (CIVIL ENGINEERING)
(NEW)**

1	Mathematics-III	2501
2	Strength Of Materials	2502
3	Transportation Engineering-I	2503
4	Building Construction & Materials	2504
5	Geology	2505
6	Communication Skills	2506

**FOUR YEAR B.E. SEMESTER :
THIRD (COMPUTER
ENGINEERING)**

1	Mathematics-III	2561
2	Programming Methodology	2562
3	Discrete Structures	2563
4	Electronic Devices & Circuit	2564
5	Object Oriented Technologies	2565
6	Computer Laboratory-I	2566

**FOUR YEAR B.E. SEMESTER :
THIRD (COMPUTER
ENGINEERING) (CGS)**

1	3KE01 Mathematics-III	2381
2	3KE02 Programming Methodology	2382
3	3KE03 Electronic Devices & Circuits	2383
4	3KE04 Discrete Structures	2384
5	3KE05 Computer Organization	2385
6	3KE06 Programming Methodology - Lab.	2386
7	3KE07 Electronic Devices & Circuits - Lab.	2387
8	3KE08 Computer Lab.-I (Web Technology)	2388

**FOUR YEAR B.E. SEMESTER :
THIRD (COMPUTER SCIENCE &
ENGINEERING)**

1	Mathematics-III	2361
2	Programming Methodology	2362
3	Discrete Structures	2363
4	Electronic Devices & Circuits	2364
5	Instrumentation & Drives	2365
6	Computer Laboratory-I	2366

**FOUR YEAR B.E. SEMESTER :
THIRD (COMPUTER SCIENCE &
ENGINEERING) (CGS)**

1	3KS01 Mathematics-III	2371
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**FOUR YEAR B.E. SEMESTER :
THIRD (COMPUTER SCIENCE &
ENGINEERING) (CGS)**

2	3KS02 Programming Methodology	2372
3	3KS03 Electronics Devices & Circuits	2373
4	3KS04 Discrete Structures	2374
5	3KS05 Computer Organization	2375
6	3KS06 Programming Methodology - Lab.	2376
7	3KS07 Electronics Devices & Circuits - Lab.	2377
8	3KS08 Computer Lab. - I (Web Technology)	2378

**FOUR YEAR B.E. SEMESTER :
THIRD (COMPUTER SCIENCE &
ENGINEERING) (NEW)**

1	Mathematics-III	2561
2	Programming Methodology	2562
3	Discrete Structures	2563
4	Electronic Devices & Circuit	2564
5	Object Oriented Technologies	2565
6	Computer Laboratory-I	2566

**FOUR YEAR B.E. SEMESTER :
THIRD (ELECTRICAL &
ELECTRONICS ENGINEERING)**

1	Mathematics-III	2591
2	Network Analysis	2592
3	Energy Resources & Generation	2593
4	Electronic Devices & Circuits	2594
5	Electrical Measurements & Instrumentation	2595

**FOUR YEAR B.E. SEMESTER :
THIRD (ELECTRICAL &
ELECTRONICS ENGINEERING)
(CGS)**

1	3EX01 Mathematics-III	2341
2	3EX02 Network Analysis	2342
3	3EX03 Energy Resources & Generation	2343
4	3EX04 Electronic Devices & Circuits	2344
5	3EX05 Electrical Measurement & Instrumentation	2345
6	3EX06 Network Analysis - Lab.	2346
7	3EX07 Electronic Devices & Circuits - Lab.	2347
8	3EX08 Electrical Measurement & Instrument. - Lab.	2348

**FOUR YEAR B.E. SEMESTER :
THIRD (ELECTRICAL
ENGINEERING) (CGS)**

1	3EE01 Mathematics-III	2531
2	3EE02 Network Analysis	2532
3	3EE03 Energy Resources & Generation	2533
4	3EE04 Electronic Devices & Circuits	2534
5	3EE05 Electrical Measurement & Instrumentation	2535
6	3EE06 Network Analysis - Lab.	2536
7	3EE07 Electronic Devices & Circuits - Lab.	2537

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
FOUR YEAR B.E. SEMESTER : THIRD ELECTRICAL ENGINEERING(ELECTRONICS & POWER)(CGS)			FOUR YEAR B.TECH. (CHEM.TECH.) POLYMER (PLASTIC) TECH. (SEMESTER : EIGHTH)			FOUR YEAR B.TECH. (CHEM.TECH.) POLYMER (PLASTIC) TECH. (SEMESTER : FIFTH) (CGS)		
2	3EP02 Network Analysis	2332	1	Polymer Processing-II	8371	13	5FEPE05 Industrial Safety Management	5009
3	3EP03 Energy Resources & Generation	2333	2	Mould Design For Plastic	8372	14	5FEPE05 Energy Audit & Management	5010
4	3EP04 Electronic Devices & Circuits	2334	3	Polymer Viscoelasticity And Rheology	8373	15	5FEPE05 Electrical Drives	5011
5	3EP05 Electrical Measurement & Instrumentation	2335	4	Testing And Product Design	8374	16	5FEPE05 Energy Audit & Management	5012
6	3EP06 Network Analysis - Lab.	2336	5	Surface Coating Technology	8375	17	5FEPE05 Electrical Drives	5013
7	3EP07 Electronics Devices & Circuits - Lab.	2337	6	Decorative Plastic	8376	18	5FEPE05 Energy Audit & Management	5014
8	3EP08 Electrical Measurement & Instrument - Lab.	2338	7	Technology Of Adhesive	8377	19	5FEPE05 Electrical Drives	5015
			8	Project & Seminar	8378	20	5FEPE05 Consumer Electronics	5016

FOUR YEAR B.E.SEM : SEVENTH ELECTRICAL ENGG.(EPS) (NEW)(IMPROVEMENT OF DIVISION)		
1	Control System-II	4321
2	Power System & Operation Control	4322
3	Electrical Power-II	4323
4	Switchgear & Protection	4324
5	Industrial Automation & Control	4325
6	Computer Methods In Power System Analysis	4326
7	Introduction To Microcontrollers	4327
8	Artificial Inteligence	4328

FOUR YEAR B.E.SEM. : EIGHTH ELECTRICAL ENGG.(EPS)(NEW)(IMPROVEME NT OF DIVISION)		
1	Principles Of Communication	4421
2	Power System Stability	4422
3	High Voltage Engineering	4423
4	Power System Management	4424
5	Digital Signal Processing	4425
6	Industrial Drives & Control	4426
7	Generalized Machine Theory	4427
8	Power Quality	4428
9	Project & Seminar	4429

FOUR YEAR B.E.SEMESTER : SEVENTH ELECTRICAL ENGG.)(EPS)(IMPROVEMENT OF DIVISION)		
1	Control System-II	4731
2	Electrical Power-II	4732
3	Switchgear & Protection	4733
4	Computer Aided Machine Design	4734
5	Generation Planning & Station Practice	4735
6	Microprocessor Applications	4736
7	Network Synthesis	4737
8	Power System Operation & Control	4738
9	Computer Aided Analysis Of Power System	4739

FOUR YEAR B.TECH. (CHEM.TECH.) POLYMER (PLASTIC) TECH. (SEMESTER : EIGHTH) (CGS)		
1	8PP01 Polymer Processing-II	8801
2	8PP02 Polymer Viscoelasticity & Rheology	8802
3	8PP03 Testing & Product Design For Plastics	8803
4	8PP03 Surface Coating Tech.	8804
5	8PP04 Mould Design For Plastics	8805
6	8PP05 Polymer Processing-II - Lab.	8806
7	8PP06 Testing & Product Design For Plastics - Lab.	8807
8	8PP06 Surface Coating Tech. - Lab	8808
9	8PP07 Mould Design For Plastics - Lab.	8809
10	8PP08 Project & Seminar	8810

FOUR YEAR B.TECH. (CHEM.TECH.) POLYMER (PLASTIC) TECH. (SEMESTER : FIFTH)		
1	Heat Transfer	8341
2	Chemical Engg.Operation-I (Mech.Operation)	8342
3	Polymer Chemistry-II	8343
4	Polymer Materials	8344
5	Economics & Management	8345

FOUR YEAR B.TECH. (CHEM.TECH.) POLYMER (PLASTIC) TECH. (SEMESTER : FIFTH) (CGS)		
1	5PP01 Heat Transfer	8301
2	5PP02 Polymer Materials	8302
3	5PP03 Engineering Plastics & Speciality Polymers	8303
4	5PP04 Instrumentation & Control	8304
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEME05 Manufacturing Techniques	5004
9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007
12	5FEPE05 Industrial Engineering	5008

FOUR YEAR B.TECH. (CHEM.TECH.) POLYMER (PLASTIC) TECH. (SEMESTER : FIFTH) (NEW)		
1	Heat Transfer	8401
2	Chemical Engineering Operation-I (Mech. Operation)	8402
3	Polymer Chemistry-II	8403
4	Polymer Materials	8404
5	Economics & Management	8405
6	Communication Skills	8406

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.TECH.
(CHEM.TECH.) POLYMER
(PLASTIC) TECH. (SEMESTER :
FOURTH)**

1	Applied Mathematics-II	8271
2	Polymer Chemistry-I	8272
3	Machine Design & Drawing	8273
4	Material Technology	8274
5	Momentum Transfer Operation	8275

**FOUR YEAR B.TECH.
(CHEM.TECH.) POLYMER
(PLASTIC) TECH. (SEMESTER :
FOURTH) (CGS)**

1	4PP01 Chemical Engg. Operation-I (Mech.operation)	8271
2	4PP02 Polymer Chemistry	8272
3	4PP03 Machine Design & Drawing	8273
4	4PP04 Material Science & Technology	8274
5	4PP05 Momentum Transfer Operations	8275
6	4PP06 Chemical Engg. Operation-I (M.O.) - Lab.	8276
7	4PP07 Polymer Chemistry - Lab.	8277
8	4PP08 Machine Design & Drawing - Lab.	8278
9	4PP09 Momemtum Transfer Operations - Lab.	8279

**FOUR YEAR B.TECH.
(CHEM.TECH.) POLYMER
(PLASTIC) TECH. (SEMESTER :
SEVENTH)**

1	Polymer Reaction Engg.	8361
2	Structure Property Relationship In Polymer	8362
3	Polymer Processing-I	8363
4	Polymer Blends And Composite	8364
5	Plant Design And Project Engineering	8365

**FOUR YEAR B.TECH.
(CHEM.TECH.) POLYMER
(PLASTIC) TECH. (SEMESTER :
SEVENTH)(CGS)**

1	7PP01 Polymer Processing-I	8501
2	7PP02 Polymer Reaction Engineering	8502
3	7PP03 Structure Property Relationship In Polymers	8503
4	7PP04 Polymer Blends & Composites	8504
5	7PP04 Packeging Technology	8505
6	7PP05 Plant Design & Project Engineering	8506
7	7PP06 Polymer Processing-I - Lab.	8507
8	7PP07 Polymer Reaction Engineering - Lab.	8508
9	7PP08 Polymer Blends & Compositites - Lab.	8509
10	7PP08 Packging Technolgy - Lab.	8510
11	7PP09 Industrial Training	8511
12	7PP010 Project & Seminar	8512

**FOUR YEAR B.TECH.
(CHEM.TECH.) POLYMER
(PLASTIC) TECH. (SEMESTER :
SIXTH)**

1	Chemical Engg.Operation-II (Mass Transfer)	8351
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**FOUR YEAR B.TECH.
(CHEM.TECH.) POLYMER
(PLASTIC) TECH. (SEMESTER :
SIXTH)**

2	Polymer Engineering Thermodynamics	8352
3	Instrumentation And Control	8353
4	Elastomer Technology	8354
5	Computer Programming And Application	8355

**FOUR YEAR B.TECH.
(CHEM.TECH.) POLYMER
(PLASTIC) TECH. (SEMESTER :
SIXTH) (CGS)**

1	6PP01 Chemical Engg. Operation-II (Mass Transfer)	8401
2	6PP02 Elastomer Techonolgy	8402
3	6PP03 Computer Programming & Applications	8403
4	6PP04 Polyer Engineering Thermodynamics	8404
5	6FECE05 Disaster Management	6001
6	6FECE05 Environmental Management	6002
7	6FEME05 Automobile Engineering	6003
8	6FEME05 Non-conventional Energy Systems	6004
9	6FEME05 Energy Management	6005
10	6FEPE05 Industrial Automation	6006
11	6FEPE05 Engg. Economics & Entrepreneurship Develp.	6007
12	6FEPE05 Electrical Estimating & Costing	6008
13	6FEPE05 Power Syppy Systems	6009
14	6FEPE05 Electrical Estimating & Costing	6010
15	6FEPE05 Power Supply Systems	6011
16	6FEEX05 Electrical Estimating & Costing	6012
17	6FEEX05 Power Syppy Systems	6013
18	6FEXT5 Introduction To Wireless Technology	6014
19	6FEXT5 Elect. Test Instruments : Analog & Digital	6015
20	6FEXN5 Introduction To Wireless Technology	6016
21	6FEXN5 Elect. Test Instruments- Analog & Digital	6017
22	6FEKS05 Database Management Systems	6018
23	6FEKS05 Software Project Management	6019
24	6FEKE05 Java Programming	6020
25	6FEKE05 Expert Systems	6021
26	6FEBM05 Modelling And Simulation	6022
27	6FEBM05 Biomedical Image Processing	6023
28	6FECH05 Renewabel Energy Sources	6024
29	6FEBM05 Water Technology	6025
30	6FEIE05 Control System And Components	6026
31	6FEIE05 Industrial Automation & Process Control	6027
32	6FEIT05 E Commerce	6028
33	6FEIT05 Knowledge Management	6029

**FOUR YEAR B.TECH.
(CHEM.TECH.) POLYMER
(PLASTIC) TECH. (SEMESTER :
SIXTH) (CGS)**

34	6FETX05 Computer Aided Textile & Fashion Designing	6030
35	6FETX05 Fashion Technology	6031
36	6FEAR05 Climate Resonsive Architecture	6032
37	6FEAR05 Sustainable Architecture	6033
38	6PP06 Chem. Engg. Operation-II (Mass Transfer)Lab.	8405
39	6PP07 Elestomer Technology Lab.	8406
40	6PP08 Computer Programming & Applications Lab.	8407
41	6PP09 Minor Project	8408

**FOUR YEAR B.TECH.
(CHEM.TECH.) POLYMER
(PLASTIC) TECH. (SEMESTER :
SIXTH) (NEW)**

1	Chemical Engg. Operation-II (Mass Transfer)	8451
2	Polymer Engineering Thermodynamics	8452
3	Instrumentation & Control	8453
4	Elastomer Technology	8454
5	Computer Programming & Application	8455
6	Mini Project	8456

**FOUR YEAR B.TECH.
(CHEM.TECH.) POLYMER
(PLASTIC) TECH. (SEMESTER :
THIRD)**

1	Electrical Technology	8251
2	Applied Physical Chemistry-II	8252
3	Strength Of Materials	8253
4	Applied Thermodynamics	8254
5	Process Calculations	8255

**FOUR YEAR B.TECH.
(CHEM.TECH.) POLYMER
(PLASTIC) TECH. (SEMESTER :
THIRD) (CGS)**

1	3PP01 Chemistry & Technology Of Polymer	8251
2	3PP02 Applied Physical Chemistry	8252
3	3PP03 Strength Of Materials	8253
4	3PP04 Chemical Engineering Thermodynamics	8254
5	3PP05 Process Calculations	8255
6	3PP06 Chemistry & Technology Of Polymers - Lab.	8256
7	3PP07 Applied Physical Chemistry - Lab.	8257
8	3PP08 Strength Of Materials - Lab.	8258
9	3PP09 Chemical Engineering Thermodynamics - Lab.	8259

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
EIGHTH (FOOD TECHNOLOGY)**

1	Special Technology-VI	8321
2	Chemical Reaction Engg.-II (Reactor Design)	8322
3	Plant Design And Project Engineering	8323
4	Polymer Science & Engg.	8324

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
FOUR YEAR B.TECH. (CHEM.TECH.) SEMESTER : EIGHTH (FOOD TECHNOLOGY)			FOUR YEAR B.TECH. (CHEM.TECH.) SEMESTER : EIGHTH (PETROCHEMICAL TECH.)			FOUR YEAR B.TECH. (CHEM.TECH.) SEMESTER : EIGHTH (PULP & PAPER TECHNOLOGY)(CGS)		
5	Man Made Fiber Technology	8325	1	Special Technology-VI	8321	7	8PT05 Pulp & Paper Technology-VI - Lab.	8821
6	Corrosion Engineering	8326	2	Chemical Reaction Engg.-II (Reactor Design)	8322	8	8CT06 Project & Seminar	8824
7	Biochemical Engg.	8327	3	Plant Design And Project Engineering	8323	FOUR YEAR B.TECH. (CHEM.TECH.) SEMESTER : FIFTH (FOOD TECHNOLOGY)		
8	Petroleum Processing Engg.	8328	4	Polymer Science & Engg.	8324	1	Heat Transfer	8291
9	Oil & Paint Technology	8329	5	Man Made Fiber Technology	8325	2	Chemical Engineering Mechanical Operation	8292
10	Fuel Technology	8330	6	Corrosion Engineering	8326	3	Chemical Engineering Thermodynamics	8293
11	Cellulose Technology	8331	7	Biochemical Engg.	8327	4	Special Technology-II	8294
12	Project & Seminar	8332	8	Petroleum Processing Engg.	8328	5	Economics & Management	8295

FOUR YEAR B.TECH. (CHEM.TECH.) SEMESTER : EIGHTH (FOOD TECHNOLOGY) (CGS)		
1	8FT01 Food Technology-VI	8811
2	8CT02 Chemical Reaction Engineering-II	8815
3	8CT03 Plant Design & Project Engineering	8816
4	8CT04 Biochemical Engg.	8817
5	8CT04 Petroleum Processing Engg.	8818
6	8CT04 Fuel Tech.	8819
7	8FT05 Food Technology-VI - Lab.	8820
8	8CT06 Project & Seminar	8824

FOUR YEAR B.TECH. (CHEM.TECH.) SEMESTER : EIGHTH (OIL & PAINT TECH.)		
1	Special Technology-VI	8321
2	Chemical Reaction Engg.-II (Reactor Design)	8322
3	Plant Design And Project Engineering	8323
4	Polymer Science & Engg.	8324
5	Man Made Fiber Technology	8325
6	Corrosion Engineering	8326
7	Biochemical Engg.	8327
8	Petroleum Processing Engg.	8328
9	Oil & Paint Technology	8329
10	Fuel Technology	8330
11	Cellulose Technology	8331
12	Project & Seminar	8332

FOUR YEAR B.TECH. (CHEM.TECH.) SEMESTER : EIGHTH (OIL & PAINT TECHNOLOGY) (CGS)		
1	8OT01 Oil & Paint Technology-VI	8813
2	8CT02 Chemical Reaction Engineering-II	8815
3	8CT03 Plant Design & Project Engineering	8816
4	8CT04 Biochemical Engg.	8817
5	8CT04 Petroleum Processing Engg.	8818
6	8CT04 Fuel Tech.	8819
7	8OT05 Oil & Paint Technology-VI - Lab.	8822
8	8CT06 Project & Seminar	8824

FOUR YEAR B.TECH. (CHEM.TECH.) SEMESTER : EIGHTH (PETROCHEMICAL TECH.)		
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FOUR YEAR B.TECH. (CHEM.TECH.) SEMESTER : EIGHTH (PETROCHEMICAL TECHNOLOGY)(CGS)		
1	8PC01 Petrochemical Tehnology-VI	8814
2	8CT02 Chemical Reaction Engineering-II	8815
3	8CT03 Plant Design & Project Engineering	8816
4	8CT04 Biochemical Engg.	8817
5	8CT04 Petroleum Processing Engg.	8818
6	8CT04 Fuel Tech.	8819
7	8PC05 Petrochemical Technology-VI - Lab.	8823
8	8CT06 Project & Seminar	8824

FOUR YEAR B.TECH. (CHEM.TECH.) SEMESTER : EIGHTH (PULP & PAPER TECH.)		
1	Special Technology-VI	8321
2	Chemical Reaction Engg.-II (Reactor Design)	8322
3	Plant Design And Project Engineering	8323
4	Polymer Science & Engg.	8324
5	Man Made Fiber Technology	8325
6	Corrosion Engineering	8326
7	Biochemical Engg.	8327
8	Petroleum Processing Engg.	8328
9	Oil & Paint Technology	8329
10	Fuel Technology	8330
11	Cellulose Technology	8331
12	Project & Seminar	8332

FOUR YEAR B.TECH. (CHEM.TECH.) SEMESTER : EIGHTH (PULP & PAPER TECHNOLOGY)(CGS)		
1	8PT01 Pulp & Paper Technology-VI	8812
2	8CT02 Chemical Reaction Engineering-II	8815
3	8CT03 Plant Design & Project Engineering	8816
4	8CT04 Biochemical Engg.	8817
5	8CT04 Petroleum Processing Engg.	8818
6	8CT04 Fuel Tech.	8819

FOUR YEAR B.TECH. (CHEM.TECH.) SEMESTER : FIFTH (FOOD TECHNOLOGY) (CGS)		
1	5CT01 Heat Transfer	8311
2	5CT02 Mechanical Oprations	8312
3	5CT03 Chemical Engg. Thermodynamics-II	8313
4	5FT04 Food Technology-II	8314
5	5FECT05 Env. Impact : Risk Assesment & Mngt.	8328
6	5FECT05 Economics & Management	8329
7	5CT06 Communication Skills	8319
8	5CT07 Heat Transfer - Lab.	8320
9	5CT08 Mechanical Operation - Lab.	8321
10	5CT09 Chemical Engg. Thermodynamics-II Lab.	8322
11	5FT10 Food Technology-II Lab.	8323
12	5CT11 Communicaion Skills - Lab.	8327

FOUR YEAR B.TECH. (CHEM.TECH.) SEMESTER : FIFTH (FOOD TECHNOLOGY) (NEW)		
1	Heat Transfer	8411
2	Chemical Engineering Mechanical Operation	8412
3	Chemical Engineering Thermodynamics	8413
4	Specical Technology-II	8414
5	Economics & Management	8415
6	Communication Skills	8416

FOUR YEAR B.TECH. (CHEM.TECH.) SEMESTER : FIFTH (OIL & PAINT TECH.)		
1	Heat Transfer	8291
2	Chemical Engineering Mechanical Operation	8292
3	Chemical Engineering Thermodynamics	8293
4	Special Technology-II	8294
5	Economics & Management	8295

FOUR YEAR B.TECH. (CHEM.TECH.) SEMESTER : FIFTH (OIL & PAINT TECH.) (NEW)		
1	Heat Transfer	8411
2	Chemical Engineering Mechanical Operation	8412

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FIFTH (OIL & PAINT TECH.)
(NEW)**

3	Chemical Engineering Thermodynamics	8413
4	Special Technology-II	8414
5	Economics & Management	8415
6	Communication Skills	8416

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FIFTH (OIL & PAINT TECHNOLOGY) (CGS)**

1	5CT01 Heat Transfer	8311
2	5CT02 Mechanical Operations	8312
3	5CT03 Chemical Engg. Thermodynamics-II	8313
4	5OT04 Oil & Paint Technology-II	8316
5	5FECT05 Env. Impact : Risk Assesment & Mngt.	8328
6	5FECT05 Economics & Management	8329
7	5CT06 Communication Skills	8319
8	5CT07 Heat Transfer - Lab.	8320
9	5CT08 Mechanical Operation - Lab.	8321
10	5CT09 Chemical Engg. Thermodynamics-II Lab.	8322
11	5OT10 Oil & Paint Technology-II Lab.	8325
12	5CT11 Communication Skills - Lab.	8327

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FIFTH (PETROCHEMICAL TECH.)**

1	Heat Transfer	8291
2	Chemical Engineering Mechanical Operation	8292
3	Chemical Engineering Thermodynamics	8293
4	Special Technology-II	8294
5	Economics & Management	8295

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FIFTH (PETROCHEMICAL TECH.) (NEW)**

1	Heat Transfer	8411
2	Chemical Engineering Mechanical Operation	8412
3	Chemical Engineering Thermodynamics	8413
4	Special Technology-II	8414
5	Economics & Management	8415
6	Communication Skills	8416

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FIFTH (PETROCHEMICAL TECHNOLOGY)(CGS)**

1	5CT01 Heat Transfer	8311
2	5CT02 Mechanical Operations	8312
3	5CT03 Chemical Engg. Thermodynamics-II	8313
4	5PC04 Petrochemical Technology-II	8317
5	5FECT05 Env. Impact : Risk Assesment & Mngt.	8328
6	5FECT05 Economics & Management	8329

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FIFTH (PETROCHEMICAL TECHNOLOGY)(CGS)**

7	5CT06 Communication Skills	8319
8	5CT07 Heat Transfer - Lab.	8320
9	5CT08 Mechanical Operation - Lab.	8321
10	5CT09 Chemical Engg. Thermodynamics-II Lab.	8322
11	5PC10 Petrochemical Technology-II Lab.	8326
12	5CT11 Communication Skills - Lab.	8327

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FIFTH (PULP & PAPER TECH.)**

1	Heat Transfer	8291
2	Chemical Engineering Mechanical Operation	8292
3	Chemical Engineering Thermodynamics	8293
4	Special Technology-II	8294
5	Economics & Management	8295

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FIFTH (PULP & PAPER TECH.) (NEW)**

1	Heat Transfer	8411
2	Chemical Engineering Mechanical Operation	8412
3	Chemical Engineering Thermodynamics	8413
4	Special Technology-II	8414
5	Economics & Management	8415
6	Communication Skills	8416

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FIFTH (PULP & PAPER TECHNOLOGY) (CGS)**

1	5CT01 Heat Transfer	8311
2	5CT02 Mechanical Operations	8312
3	5CT03 Chemical Engg. Thermodynamics-II	8313
4	5PT04 Pulp & Paper Technology-II	8315
5	5FECT05 Env. Impact : Risk Assesment & Mngt.	8328
6	5FECT05 Economics & Management	8329
7	5CT06 Communication Skills	8319
8	5CT07 Heat Transfer - Lab.	8320
9	5CT08 Mechanical Operation - Lab.	8321
10	5CT09 Chemical Engg. Thermodynamics-II Lab.	8322
11	5PT10 Pulp & Paper Technology-II Lab.	8324
12	5CT11 Communication Skills - Lab.	8327

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FOURTH (FOOD TECHNOLOGY)**

1	Applied Mathematics-II	8281
2	Special Technology-I	8282
3	Machine Design & Drawing	8283
4	Material Technology	8284
5	Fluid Flow Operation	8285

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FOURTH (FOOD TECHNOLOGY) (CGS)**

1	4CT01 Engineering Mathematics-II	8281
2	4FT02 Food Technology-I	8282
3	4CT03 Machine Design & Drawing	8286
4	4CT04 Material Technology	8287
5	4CT05 Fluid Flow Operation	8288
6	4FT06 Food Technology - Lab.	8289
7	4CT07 Machine Design & Drawing - Lab.	8293
8	4CT08 Material Technology - Lab.	8294
9	4CT09 Fluid Flow Operation - Lab.	8295

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FOURTH (OIL & PAINT TECH.)**

1	Applied Mathematics-II	8281
2	Special Technology-I	8282
3	Machine Design & Drawing	8283
4	Material Technology	8284
5	Fluid Flow Operation	8285

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FOURTH (OIL & PAINT TECHNOLOGY) (CGS)**

1	4CT01 Engineering Mathematics-II	8281
2	4OT02 Oil & Paint Technology-I	8284
3	4CT03 Machine Design & Drawing	8286
4	4CT04 Material Technology	8287
5	4CT05 Fluid Flow Operation	8288
6	4OT06 Oil & Paint Technology - Lab.	8291
7	4CT07 Machine Design & Drawing - Lab.	8293
8	4CT08 Material Technology - Lab.	8294
9	4CT09 Fluid Flow Operation - Lab.	8295

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FOURTH (PETROCHEMICAL TECH.)**

1	Applied Mathematics-II	8281
2	Special Technology-I	8282
3	Machine Design & Drawing	8283
4	Material Technology	8284
5	Fluid Flow Operation	8285

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FOURTH (PETROCHEMICAL TECHNOLOGY)(CGS)**

1	4CT01 Engineering Mathematics-II	8281
2	4PC02 Petrochemical Technology-I	8285
3	4CT03 Machine Design & Drawing	8286
4	4CT04 Material Technology	8287
5	4CT05 Fluid Flow Operation	8288
6	4PC06 Petrochemical Technology - Lab.	8292

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FOURTH (PETROCHEMICAL
TECHNOLOGY)(CGS)**

7	4CT07 Machine Design & Drawing - Lab.	8293
8	4CT08 Material Technology - Lab.	8294
9	4CT09 Fluid Flow Operation - Lab.	8295

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FOURTH (PULP & PAPER
TECH.)**

1	Applied Mathematics-II	8281
2	Special Technology-I	8282
3	Machine Design & Drawing	8283
4	Material Technology	8284
5	Fluid Flow Operation	8285

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
FOURTH (PULP & PAPER
TECHNOLOGY) (CGS)**

1	4CT01 Engineering Mathematics-II	8281
2	4PT02 Pulp & Paper Technology-I	8283
3	4CT03 Machine Design & Drawing	8286
4	4CT04 Material Technology	8287
5	4CT05 Fluid Flow Operation	8288
6	4PT06 Pulp & Paper Technology - Lab.	8290
7	4CT07 Machine Design & Drawing - Lab.	8293
8	4CT08 Material Technology - Lab.	8294
9	4CT09 Fluid Flow Operation - Lab.	8295

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SEVENTH (FOOD
TECHNOLOGY)**

1	Mass Transfer	8311
2	Chemical Reaction Engg.-I (Kinetics)	8312
3	Special Technology-IV	8313
4	Industrial Waste Treatment	8314
5	Special Technology-V	8315

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SEVENTH (FOOD
TECHNOLOGY) (CGS)**

1	7CT01 Mass Transfer	8521
2	7CT02 Chemical Reaction Engineering-I	8522
3	7FT03 Food Technology-IV	8523
4	7CT04 Corrosion Engineering	8527
5	7CT04 Petroleum Processing Engineering	8528
6	7CT04 Fuel Technology	8529
7	7CT04 Industrial Waste Treatment	8530
8	7FT05 Food Technology-V	8531
9	7CT06 Mass Transfer - Lab.	8535
10	7CT07 Chemical Reaction Engineering-I - Lab.	8536
11	7FT08 Food Technology-IV - Lab.	8537

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SEVENTH (FOOD
TECHNOLOGY) (CGS)**

12	7CT09 Corrosion Engineering - Lab.	8541
13	7CT09 Petroleum Processing Engineering - Lab.	8542
14	7CT09 Fluid Technology - Lab.	8543
15	7CT09 Industrial Waste Treatment - Lab.	8544
16	7CT10 Project & Seminar	8545

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SEVENTH (OIL & PAINT
TECH.)**

1	Mass Transfer	8311
2	Chemical Reaction Engg.-I (Kinetics)	8312
3	Special Technology-IV	8313
4	Industrial Waste Treatment	8314
5	Special Technology-V	8315

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SEVENTH (OIL & PAINT
TECHNOLOGY) (CGS)**

1	7CT01 Mass Transfer	8521
2	7CT02 Chemical Reaction Engineering-I	8522
3	7OT03 Oil & Paint Technology-IV	8525
4	7CT04 Corrosion Engineering	8527
5	7CT04 Petroleum Processing Engineering	8528
6	7CT04 Fuel Technology	8529
7	7CT04 Industrial Waste Treatment	8530
8	7OT05 Oil & Paint Technology-V	8533
9	7CT06 Mass Transfer - Lab.	8535
10	7CT07 Chemical Reaction Engineering-I - Lab.	8536
11	7OT08 Oil & Paint Technology-IV - Lab.	8539
12	7CT09 Corrosion Engineering - Lab.	8541
13	7CT09 Petroleum Processing Engineering - Lab.	8542
14	7CT09 Fluid Technology - Lab.	8543
15	7CT09 Industrial Waste Treatment - Lab.	8544
16	7CT10 Project & Seminar	8545

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SEVENTH (PETROCHEMICAL
TECH.)**

1	Mass Transfer	8311
2	Chemical Reaction Engg.-I (Kinetics)	8312
3	Special Technology-IV	8313
4	Industrial Waste Treatment	8314
5	Special Technology-V	8315

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SEVENTH (PULP & PAPER
TECH.)**

1	Mass Transfer	8311
2	Chemical Reaction Engg.-I (Kinetics)	8312

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SEVENTH (PULP & PAPER
TECH.)**

3	Special Technology-IV	8313
4	Industrial Waste Treatment	8314
5	Special Technology-V	8315

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SEVENTH (PULP & PAPER
TECHNOLOGY)(CGS)**

1	7CT01 Mass Transfer	8521
2	7CT02 Chemical Reaction Engineering-I	8522
3	7PT03 Pulp & Paper Technology-IV	8524
4	7CT04 Corrosion Engineering	8527
5	7CT04 Petroleum Processing Engineering	8528
6	7CT04 Fuel Technology	8529
7	7CT04 Industrial Waste Treatment	8530
8	7PT05 Pulp & Paper Technology-V	8532
9	7CT06 Mass Transfer - Lab.	8535
10	7CT07 Chemical Reaction Engineering-I - Lab.	8536
11	7PT08 Pulp & Paper Technology-IV - Lab.	8538
12	7CT09 Corrosion Engineering - Lab.	8541
13	7CT09 Petroleum Processing Engineering - Lab.	8542
14	7CT09 Fluid Technology - Lab.	8543
15	7CT09 Industrial Waste Treatment - Lab.	8544
16	7CT10 Project & Seminar	8545

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SEVENTH(PETROCHEMICAL
TECHNOLOGY)(CGS)**

1	7CT01 Mass Transfer	8521
2	7CT02 Chemical Reaction Engineering-I	8522
3	7PC03 Petrochemical Technology-IV	8526
4	7CT04 Corrosion Engineering	8527
5	7CT04 Petroleum Processing Engineering	8528
6	7CT04 Fuel Technology	8529
7	7CT04 Industrial Waste Treatment	8530
8	7PC05 Petrochemical Technology-V	8534
9	7CT06 Mass Transfer - Lab.	8535
10	7CT07 Chemical Reaction Engineering-I - Lab.	8536
11	7PC08 Petrochemical Technology-IV - Lab.	8540
12	7CT09 Corrosion Engineering - Lab.	8541
13	7CT09 Petroleum Processing Engineering - Lab.	8542
14	7CT09 Fluid Technology - Lab.	8543
15	7CT09 Industrial Waste Treatment - Lab.	8544
16	7CT10 Project & Seminar	8545

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SIXTH (FOOD TECHNOLOGY)**

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SIXTH (FOOD TECHNOLOGY)**

1	Chemical Technology	8301
2	Process Equipment Design And Drawing	8302
3	Instrumentation And Control	8303
4	Special Technology-III	8304
5	Computer Programming & Applications	8305

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SIXTH (FOOD TECHNOLOGY)
(CGS)**

1	6CT01 Process Equipment Design & Drawing	8411
2	6CT02 Computer Programming & Applications	8412
3	6CT03 Instrumentation & Control	8413
4	6FT04 Food Technology-III	8414
5	6FECT05 Introduction To Membrane Technology	8418
6	6FECT05 Renewable Energy Sources	8419
7	6FECT05 Chemical Technology	8420
8	6CT06 Process Equipment Design & Drawing Lab.	8421
9	6CT07 Instrumentation & Control Lab.	8422
10	6CT08 Computer Programming & Application Lab.	8423
11	6CT09 Minor Project	8424

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SIXTH (FOOD TECHNOLOGY)
(NEW)**

1	Chemical Technology	8461
2	Process Equipment Design & Drawing	8462
3	Instrumentation & Control	8463
4	Special Technology-III	8464
5	Computer Programming & Applications	8465
6	Mini Project	8466

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SIXTH (OIL & PAINT TECH.)**

1	Chemical Technology	8301
2	Process Equipment Design And Drawing	8302
3	Instrumentation And Control	8303
4	Special Technology-III	8304
5	Computer Programming & Applications	8305

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SIXTH (OIL & PAINT TECH.)
(NEW)**

1	Chemical Technology	8461
2	Process Equipment Design & Drawing	8462
3	Instrumentation & Control	8463
4	Special Technology-III	8464
5	Computer Programming & Applications	8465
6	Mini Project	8466

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SIXTH (OIL & PAINT
TECHNOLOGY) (CGS)**

1	6CT01 Process Equipment Design & Drawing	8411
2	6CT02 Computer Programming & Applications	8412
3	6CT03 Instrumentation & Control	8413
4	6OT4 Oil & Paint Technology-III	8416
5	6FECT05 Introduction To Membrane Technology	8418
6	6FECT05 Renewable Energy Sources	8419
7	6FECT05 Chemical Technology	8420
8	6CT06 Process Equipment Design & Drawing Lab.	8421
9	6CT07 Instrumentation & Control Lab.	8422
10	6CT08 Computer Programming & Application Lab.	8423
11	6CT09 Minor Project	8424

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SIXTH (PETROCHEMICAL
TECH.)**

1	Chemical Technology	8301
2	Process Equipment Design And Drawing	8302
3	Instrumentation And Control	8303
4	Special Technology-III	8304
5	Computer Programming & Applications	8305

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SIXTH (PETROCHEMICAL
TECH.) (NEW)**

1	Chemical Technology	8461
2	Process Equipment Design & Drawing	8462
3	Instrumentation & Control	8463
4	Special Technology-III	8464
5	Computer Programming & Applications	8465
6	Mini Project	8466

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SIXTH (PETROCHEMICAL
TECHNOLOGY)(CGS)**

1	6CT01 Process Equipment Design & Drawing	8411
2	6CT02 Computer Programming & Applications	8412
3	6CT03 Instrumentation & Control	8413
4	6PC04 Petrochemical Technology-III	8417
5	6FECT05 Introduction To Membrane Technology	8418
6	6FECT05 Renewable Energy Sources	8419
7	6FECT05 Chemical Technology	8420
8	6CT06 Process Equipment Design & Drawing Lab.	8421
9	6CT07 Instrumentation & Control Lab.	8422
10	6CT08 Computer Programming & Application Lab.	8423
11	6CT09 Minor Project	8424

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SIXTH (PULP & PAPER TECH.)**

1	Chemical Technology	8301
2	Process Equipment Design And Drawing	8302
3	Instrumentation And Control	8303
4	Special Technology-III	8304
5	Computer Programming & Applications	8305

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SIXTH (PULP & PAPER TECH.)
(NEW)**

1	Chemical Technology	8461
2	Process Equipment Design & Drawing	8462
3	Instrumentation & Control	8463
4	Special Technology-III	8464
5	Computer Programming & Applications	8465
6	Mini Project	8466

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
SIXTH (PULP & PAPER
TECHNOLOGY) (CGS)**

1	6CT01 Process Equipment Design & Drawing	8411
2	6CT02 Computer Programming & Applications	8412
3	6CT03 Instrumentation & Control	8413
4	6PT04 Pulp & Paper Technolgy-III	8415
5	6FECT05 Introduction To Membrane Technology	8418
6	6FECT05 Renewable Energy Sources	8419
7	6FECT05 Chemical Technology	8420
8	6CT06 Process Equipment Design & Drawing Lab.	8421
9	6CT07 Instrumentation & Control Lab.	8422
10	6CT08 Computer Programming & Application Lab.	8423
11	6CT09 Minor Project	8424

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
THIRD (FOOD TECHNOLOGY)**

1	Electrical Technology	8251
2	Applied Physical Chemistry-II	8252
3	Strength Of Materials	8253
4	Applied Thermodynamics	8254
5	Process Calculations	8255

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
THIRD (FOOD TECHNOLOGY)
(CGS)**

1	3CT01 Applied Organic Chemisty	8261
2	3CT02 Applied Physical Chemistry-II	8262
3	3CT03 Stength Of Materials	8263
4	3CT04 Applied Thermodynamics	8264
5	3CT05 Process Calculations	8265
6	3CT06 Applied Organic Chemistry - Lab.	8266

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
THIRD (FOOD TECHNOLOGY)
(CGS)**

7	3CT07 Applied Physical Chemistry-II - Lab.	8267
8	3CT08 Strength Of Materials - Lab.	8268
9	3CT09 Applied Thermodynamics - Lab.	8269

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
THIRD (OIL & PAINT TECH.)**

1	Electrical Technology	8251
2	Applied Physical Chemistry-II	8252
3	Strength Of Materials	8253
4	Applied Thermodynamics	8254
5	Process Calculations	8255

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
THIRD (OIL & PAINT
TECHNOLOGY) (CGS)**

1	3CT01 Applied Organic Chemistry	8261
2	3CT02 Applied Physical Chemistry-II	8262
3	3CT03 Strength Of Materials	8263
4	3CT04 Applied Thermodynamics	8264
5	3CT05 Process Calculations	8265
6	3CT06 Applied Organic Chemistry - Lab.	8266
7	3CT07 Applied Physical Chemistry-II - Lab.	8267
8	3CT08 Strength Of Materials - Lab.	8268
9	3CT09 Applied Thermodynamics - Lab.	8269

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
THIRD (PETROCHEMICAL
TECH.)**

1	Electrical Technology	8251
2	Applied Physical Chemistry-II	8252
3	Strength Of Materials	8253
4	Applied Thermodynamics	8254
5	Process Calculations	8255

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
THIRD (PETROCHEMICAL
TECHNOLOGY) (CGS)**

1	3CT01 Applied Organic Chemistry	8261
2	3CT02 Applied Physical Chemistry-II	8262
3	3CT03 Strength Of Materials	8263
4	3CT04 Applied Thermodynamics	8264
5	3CT05 Process Calculations	8265
6	3CT06 Applied Organic Chemistry - Lab.	8266
7	3CT07 Applied Physical Chemistry-II - Lab.	8267
8	3CT08 Strength Of Materials - Lab.	8268
9	3CT09 Applied Thermodynamics - Lab.	8269

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
THIRD (PULP & PAPER TECH.)**

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
THIRD (PULP & PAPER TECH.)**

1	Electrical Technology	8251
2	Applied Physical Chemistry-II	8252
3	Strength Of Materials	8253
4	Applied Thermodynamics	8254
5	Process Calculations	8255

**FOUR YEAR B.TECH.
(CHEM.TECH.) SEMESTER :
THIRD (PULP & PAPER
TECHNOLOGY) (CGS)**

1	3CT01 Applied Organic Chemistry	8261
2	3CT02 Applied Physical Chemistry-II	8262
3	3CT03 Strength Of Materials	8263
4	3CT04 Applied Thermodynamics	8264
5	3CT05 Process Calculations	8265
6	3CT06 Applied Organic Chemistry - Lab.	8266
7	3CT07 Applied Physical Chemistry-II - Lab.	8267
8	3CT08 Strength Of Materials - Lab.	8268
9	3CT09 Applied Thermodynamics - Lab.	8269

**FOUR YEAR B.TECH.
SEMESTER : EIGHTH
(CHEMICAL ENGG.)
(IMPROVEMENT OF DIVISION)**

1	Transport Phenomena	4901
2	Chemical Reaction Engineering-II	4902
3	Polymer Science & Engineering	4903
4	Petroleum & Natural Gas	4904
5	Corrosion Engineering	4905
6	Biochemical Engineering	4906
7	Petroleum Processing Engineering	4907
8	Cellulose Technology	4908
9	Fuel Technology	4909
10	Petrochemical Process Tech.	4910
11	System Modelling	4911
12	Project & Seminar	4912

**FOUR YEAR B.TECH.
SEMESTER : EIGHTH
(CHEMICAL ENGINEERING)**

1	Transport Phenomena	4901
2	Chemical Reaction Engineering-II	4902
3	Polymer Science & Engineering	4903
4	Petroleum & Natural Gas	4904
5	Corrosion Engineering	4905
6	Biochemical Engineering	4906
7	Petroleum Processing Engineering	4907
8	Cellulose Technology	4908
9	Fuel Technology	4909
10	Petrochemical Process Tech.	4910
11	System Modelling	4911
12	Project & Seminar	4912

**FOUR YEAR B.TECH.
SEMESTER : EIGHTH
(CHEMICAL ENGINEERING)
(CGS)**

1	8CH01 Transport Phenomena	4561
2	8CH02 Chemical Reaction Engineering-II	4562
3	8CH03 System Modelling	4563
4	8CH04 Petrochemical Process Technology	4564
5	8CH04 Corrosion Engineering	4565
6	8CH04 Biochemical Engineering	4566
7	8CH04 Petroleum Refinery Engineering	4567
8	8CH04 Bio Fuels	4568
9	8CH04 Industrial Piping	4569
10	8CH04 Wine Making	4570
11	8CH04 Petrochemical Technology	4571
12	8CH04 Energy Technology & Management	4572
13	8CH04 Energy & Environment	4573
14	8CH05 Petrochemical Process Technology - Lab.	4574
15	8CH05 Corrosion Engineering - Lab.	4575
16	8CH05 Biochemical Engineering - Lab.	4576
17	8CH05 Petroleum Refinery Engineering - Lab.	4577
18	8CH05 Bio Fuels - Lab.	4578
19	8CH05 Industrial Piping - Lab.	4579
20	8CH05 Wine Making - Lab.	4580
21	8CH05 Petrochemical Technology - Lab.	4581
22	8CH05 Energy Technology & Management - Lab.	4582
23	8CH05 Energy & Environment - Lab.	4583
24	8CH06 Project & Seminar	4584

**FOUR YEAR B.TECH.
SEMESTER : FIFTH (CHEMICAL
ENGINEERING)**

1	Heat Transfer	3581
2	Chemical Engineering (Mech.Operation)	3582
3	Chemical Engineering (Thermodynamic)	3583
4	Inorganic Chemical Technology (Chem.Engg. Pro.-I)	3584
5	Economics & Management	3585

**FOUR YEAR B.TECH.
SEMESTER : FIFTH (CHEMICAL
ENGINEERING) (CGS)**

1	5CH01 Heat Transfer	3711
2	5CH02 Chemical Engg.Process-I (Inorg Chem.Tech.)	3712
3	5CH03 Economics & Management	3713
4	5CH04 Material Science & Engineering	3714
5	5FECE05 Introduction Of Earthquake Engineering	5001
6	5FECE05 Basics Of Building Construction	5002
7	5FECE05 Watershed Management	5003
8	5FEME05 Manufacturing Techniques	5004

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**FOUR YEAR B.TECH.
SEMESTER : FIFTH (CHEMICAL
ENGINEERING) (CGS)**

9	5FEME05 Ergonomics	5005
10	5FEME05 Production Management	5006
11	5FEME05 Project Management	5007
12	5FEPE05 Industrial Engineering	5008
13	5FEPE05 Industrial Safety Management	5009
14	5FEPE05 Energy Audit & Management	5010
15	5FEPE05 Electrical Drives	5011
16	5FEPE05 Energy Audit & Management	5012
17	5FEPE05 Electrical Drives	5013
18	5FEPE05 Energy Audit & Management	5014
19	5FEPE05 Electrical Drives	5015
20	5FEXT05 Consumer Electronics	5016
21	5FEXT05 Fibre Optics	5017
22	5FEXN05 Consumer Electronics	5018
23	5FEXN05 Fibre Optics	5019
24	5FEKS05 Data Structures & Algorithms	5020
25	5FEKS05 Data Communication & Networking	5021
26	5FEKE05 Web Technologies	5022
27	5FEKE05 Object Oriented Programming	5023
28	5FEEM05 Medical Instrumentation	5024
29	5FEEM05 Principles Of Biomaterials & Biomechanics	5025
30	5FEIE05 Sensor & Transducers	5028
31	5FEIE05 Advance Sensors & Transmitters	5029
32	5FEIT05 Introduction To Computer Networks	5030
33	5FEIT05 IT Ethics & Practices	5031
34	5FETX05 Technical Textiles	5032
35	5FETX05 Fashion & Clothing Science	5033
36	5FEAR05 Fundamentals Of Architectural Design	5034
37	5FEAR05 Landscape Architecture	5035
38	5FEPP05 Polymer & Rubber Technology	5036
39	5FEPP05 Decorating Plastics	5037
40	5FECT05 Env. Impact : Risk Assesment & Mngt.	5038
41	5CH06 Communication Skill	3715
42	5CH07 Heat Transfer-Lab	3716
43	5CH08 Material Science & Engineering-Lab	3717
44	5CH09 Communication Skill-Lab	3718

**FOUR YEAR B.TECH.
SEMESTER : FIFTH (CHEMICAL
ENGINEERING) (NEW)**

1	Heat Transfer	3781
2	Chemical Engineering (Mech. Operation)	3782
3	Chemical Engineering (Thermodynamic)	3783

**FOUR YEAR B.TECH.
SEMESTER : FIFTH (CHEMICAL
ENGINEERING) (NEW)**

4	Inorganic Chemical Technology (Chem. Engg. Pro.-I)	3784
5	Economics & Management	3785
6	Communication Skills	3786

**FOUR YEAR B.TECH.
SEMESTER : FOURTH
(CHEMICAL ENGINEERING)**

1	Applied Mathematics-III	2481
2	Organic Chemistry	2482
3	Machine Design & Drawing	2483
4	Material Technology	2484
5	Fluid Flow Operation	2485

**FOUR YEAR B.TECH.
SEMESTER : FOURTH
(CHEMICAL ENGINEERING)
(CGS)**

1	4CH01 Fluid Flow Operations	2611
2	4CH02 Machine Design & Drawing	2612
3	4CH03 Chemical Engineering Thermodynamics-II	2613
4	4CH04 Applied Physical Chemistry	2614
5	4CH05 Chemical Engg. Operation-I (Mech. Operation)	2615
6	4CH06 Fluid Flow Operations - Lab.	2616
7	4CH07 Machine Design & Drawing - Lab.	2617
8	4CH08 Applied Physical Chemistry - Lab.	2618
9	4CH09 Chemical Engg. Operation-I (Mech. Oper.) - Lab	2619
10	4CH10 Chemical Engg. Thermodynamics-II - Lab.	2620

**FOUR YEAR B.TECH.
SEMESTER : SEVENTH
(CHEMICAL ENGG.)
(IMPROVEMENT OF DIVISION)**

1	Chem.Engg.Opern.-III (Mass Transfer-II)	4781
2	Chemical Reaction Engineering-I	4782
3	Process Dynamic & Control	4783
4	Industrial Waste Treatment	4784
5	Plant Design & Project Engineering	4785

**FOUR YEAR B.TECH.
SEMESTER : SEVENTH
(CHEMICAL ENGINEERING)**

1	Chem.Engg.Opern.-III (Mass Transfer-II)	4781
2	Chemical Reaction Engineering-I	4782
3	Process Dynamic & Control	4783
4	Industrial Waste Treatment	4784
5	Plant Design & Project Engineering	4785

**FOUR YEAR B.TECH.
SEMESTER : SEVENTH
(CHEMICAL ENGINEERING)
(CGS)**

1	7CH01 Chem. Engg. Operations-III(Mass Transfer-II)	4331
2	7CH02 Chemical Reaction Engineering - I	4332

**FOUR YEAR B.TECH.
SEMESTER : SEVENTH
(CHEMICAL ENGINEERING)
(CGS)**

3	7CH03 Process Dynamics & Control	4333
4	7CH04 Industrial Waste Treatment	4334
5	7CH04 New Separation Techniques	4335
6	7CH04 Optimisation Of Chemical Processess	4336
7	7CH04 Polymer Science & Techonology	4337
8	7CH05 Plant Design & Project Engineering	4338
9	7CH06 Chem.Engg. Opert.-III(Mass Transfer-II)-Lab.	4339
10	7CH07 Chemical Reaction Engineering-Lab	4340
11	7CH08 Process Dynamics & Control-Lab	4341
12	7CH09 Industrial Waste Treatment - Lab	4342
13	7CH09 New Sepration Techniques - Lab.	4343
14	7CH09 Optimisation Of Chemical Processess - Lab.	4344
15	7CH09 Polymer Science & Technology	4345
16	7CH10 Industrial Training	4346
17	7CH11 Project & Seminar	4347

**FOUR YEAR B.TECH.
SEMESTER : SIXTH (CHEMICAL
ENGINEERING)**

1	Chemical Engg. Operation-II (Mass Transfer-I)	3681
2	Process Equipment Design & Drawing	3682
3	Instrumentation & Control	3683
4	Organic Chemical Tech.(Chemical Engg.Process-II)	3684
5	Computer Programming & Applications	3685

**FOUR YEAR B.TECH.
SEMESTER : SIXTH (CHEMICAL
ENGINEERING) (CGS)**

1	6CH01 Chemical Engg Operation-II (Mass Transfer-I)	3811
2	6CH02 Chemical Engg Process-II(organic Chem.tech.)	3812
3	6CH03 Computer Programming & Applications	3813
4	6CH04 Process Equipment Design & Drawing	3814
5	6FECE05 Disaster Management	6001
6	6FECE05 Environmental Management	6002
7	6FEME05 Automobile Engineering	6003
8	6FEME05 Non-conventional Energy Systems	6004
9	6FEME05 Energy Management	6005
10	6FEPE05 Industrial Automation	6006
11	6FEPE05 Engg. Economics & Entrepreneurship Develp.	6007
12	6FEPE05 Electrical Estimating & Costing	6008
13	6FEPE05 Power Sypply Systems	6009
14	6FEPE05 Electrical Estimating & Costing	6010

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FOUR YEAR B.TECH. SEMESTER : SIXTH (CHEMICAL ENGINEERING) (CGS)

15	6FEEE05 Power Supply Systems	6011
16	6FEEX05 Electrical Estimating & Costing	6012
17	6FEEX05 Power Sypply Systems	6013
18	6FEXT5 Introduction To Wireless Technology	6014
19	6FEXT5 Elect. Test Instruments : Analog & Digital	6015
20	6FEXN5 Introduction To Wireless Technology	6016
21	6FEXN5 Elect. Test Instruments- Analog & Digital	6017
22	6FEKS05 Database Management Systems	6018
23	6FEKS05 Software Project Management	6019
24	6FEKE05 Java Programming	6020
25	6FEKE05 Expert Systems	6021
26	6FEBM05 Modelling And Simulation	6022
27	6FEBM05 Biomedical Image Processing	6023
28	6FEIE05 Control System And Components	6026
29	6FEIE05 Industrial Automation & Process Control	6027
30	6FEIT05 E Commerce	6028
31	6FEIT05 Knowledge Management	6029
32	6FETX05 Computer Aided Textile & Fashion Designing	6030
33	6FETX05 Fashion Technology	6031
34	6FEAR05 Climate Resonsive Architecture	6032
35	6FEAR05 Sustainable Architecture	6033
36	06FEPP05 Packaging Technology	6034
37	06FEPP05 Composite Technology	6035
38	6CH06 Chem. Engg.Operation-II(Mass Transfer-I)-Lab	3815
39	6CH07 Computer Programming & Applications-Lab	3816
40	6CH08 Minor Project	3817

FOUR YEAR B.TECH. SEMESTER : SIXTH (CHEMICAL ENGINEERING) (NEW)

1	Chemical Engg. Operation-II (Mass Transfer-I)	3681
2	Process Equipment Design & Drawing	3682
3	Instrumentation & Control	3683
4	Organic Chemical Tech.(Chemical Engg.Process-II)	3684
5	Computer Programming & Applications	3685
6	Mini Project	3686

FOUR YEAR B.TECH. SEMESTER : THIRD (CHEMICAL ENGINEERING)

1	Inorganic Chemistry	2381
2	Applied Physical Chemistry-II	2382
3	Strength Of Materials	2383
4	Applied Thermodynamics	2384
5	Process Calculations	2385

FOUR YEAR B.TECH. SEMESTER : THIRD (CHEMICAL ENGINEERING) (CGS)

1	3CH01 Applied Mathematics-III	2501
2	3CH02 Process Instrumentation	2502
3	3CH03 Strength Of Materials	2503
4	3CH04 Chemical Engineering Thermodynamics-I	2504
5	3CH05 Process Calculations	2505
6	3CH06 Process Instrumentation - Lab.	2506
7	3CH07 Strength Of Materials - Lab.	2507
8	3CH08 Chemical Engg. Thermodynamics-I - Lab.	2508

FOUR YEAR B.TECH.(CHEM.TECH.) (F/P/O/PC) TECHNOLOGY FIRST SEMESTER (CGS)

1	1SCT1 Applied Inorganic Chemistry	8471
2	1SCT2/1A2 Engineering Physics	8472
3	1SCT3/1A1 Engineering Mathematics-I	8473
4	1SCT4/1B3 Computer Programming	8474
5	1SCT5 Mechanical Technology	8475
6	1SCT6 Applied Inorganic Chemistry (Practical)	8476
7	1SCT7/1A6 Engineering Physics (Practical)	8477
8	1SCT8/1B7 Computer Programming (Practical)	8478

FOUR YEAR B.TECH.(CHEM.TECH.) (F/P/O/PC) TECHNOLOGY SECOND SEMESTER (CGS)

1	2SCT1 Applied Physical Chemistry	8481
2	2SCT2/1B4 Electrical Engineering	8482
3	2SCT3 Engineering Mechanics	8483
4	2SCT4/1A4 Engineering Drawing	8484
5	2SCT5 Workshop (Practical)	8485
6	2SCT6 Applied Physical Chemistry (Practical)	8486
7	2SCT7/1B8 Electrical Engineering (Practical)	8487
8	2SCT8 Engineering Mechanics (Practical)	8488
9	2SCT9/1A8 Engineering Drawing (Practical)	8489

FOUR YEAR B.TECH.(CHEM.TECH.) POLYMER (PLASTIC) TECH. FIRST SEM. "GROUP A"(CGS)

1	1A1 Engineering Mathematics-I	1301
2	1A2 Engineering Physics	1302
3	1A3 Engineering Mechanics	1303
4	1A4 Engineering Drawing	1304
5	1A5 Workshop-I (Practical)	1305
6	1A6 Engineering Physics (Practical)	1306
7	1A7 Engineering Mechanics (Practical)	1307
8	1A8 Engineering Drawing (Practical)	1308

FOUR YEAR B.TECH.(CHEM.TECH.) POLYMER (PLASTIC) TECH. FIRST SEM. "GROUP B"(CGS)

1	1B1 Engineering Mathematics-II	1309
2	1B2 Engineering Chemistry	1310
3	1B3 Computer Programming	1311
4	1B4 Electrical Engineering	1312
5	1B5 Workshop-II (Practical)	1313
6	1B6 Engineering Chemistry (Practical)	1314
7	1B7 Computer Programming (Practical)	1315
8	1B8 Electrical Engineering (Practical)	1316

FOUR YEAR B.TECH.(CHEM.TECH.) POLYMER (PLASTIC) TECH. SECOND SEM. "GROUP A"(CGS)

1	1A1 Engineering Mathematics-I	1301
2	1A2 Engineering Physics	1302
3	1A3 Engineering Mechanics	1303
4	1A4 Engineering Drawing	1304
5	1A5 Workshop-I (Practical)	1305
6	1A6 Engineering Physics (Practical)	1306
7	1A7 Engineering Mechanics (Practical)	1307
8	1A8 Engineering Drawing (Practical)	1308

FOUR YEAR B.TECH.(CHEM.TECH.) POLYMER (PLASTIC) TECH. SECOND SEM. "GROUP B"(CGS)

1	1B1 Engineering Mathematics-II	1309
2	1B2 Engineering Chemistry	1310
3	1B3 Computer Programming	1311
4	1B4 Electrical Engineering	1312
5	1B5 Workshop-II (Practical)	1313
6	1B6 Engineering Chemistry (Practical)	1314
7	1B7 Computer Programming (Practical)	1315
8	1B8 Electrical Engineering (Practical)	1316

FOUR YEAR B.TECH.(FPOPC) SEMESTER : II (DIRECT SECOND YR. ADM.) (B.SC. HOLDER)

1	2SCT3 Engineering Mechanics	8483
2	2SCT4/1A4 Engineering Drawing	8484
3	2SCT8 Engineering Mechanics (Practical)	8488
4	2SCT9/1A8 Engineering Drawing (Practical)	8489

FOUR YEAR DEGREE COURSE IN B.E. FIRST SEMESTER " GROUP A " (CGS)

1	1A1 Engineering Mathematics-I	1301
2	1A2 Engineering Physics	1302
3	1A3 Engineering Mechanics	1303
4	1A4 Engineering Drawing	1304
5	1A5 Workshop-I (Practical)	1305

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
FOUR YEAR DEGREE COURSE IN B.E. FIRST SEMESTER " GROUP A " (CGS)			FOUR YEAR DEGREE COURSE IN B.TECH. (CHEM. ENGG.) FIRST SEMESTER " GROUP B"(CGS)			FOUR YEAR DEGREE COURSE IN B.TEXT.E. SECOND SEMESTER " GROUP B" (CGS)		
6	1A6 Engineering Physics (Practical)	1306	1	1B1 Engineering Mathematics-II	1309	5	1B5 Workshop-II (Practical)	1313
7	1A7 Engineering Mechanics (Practical)	1307	2	1B2 Engineering Chemistry	1310	6	1B6 Engineering Chemistry (Practical)	1314
8	1A8 Engineering Drawing (Practical)	1308	3	1B3 Computer Programming	1311	7	1B7 Computer Programming (Practical)	1315
FOUR YEAR DEGREE COURSE IN B.E. FIRST SEMESTER " GROUP B " (CGS)			4	1B4 Electrical Engineering	1312	8	1B8 Electrical Engineering (Practical)	1316
1	1B1 Engineering Mathematics-II	1309	5	1B5 Workshop-II (Practical)	1313	M.E. CIVIL ENGG. (GEOTECHNICAL ENGINEERING) (PART-TIME) SEMESTER : FIRST		
2	1B2 Engineering Chemistry	1310	6	1B6 Engineering Chemistry (Practical)	1314	1	Advanced Soil Mechanics	5001
3	1B3 Computer Programming	1311	7	1B7 Computer Programming (Practical)	1315	2	Advanced Soil Mechanics	5001
4	1B4 Electrical Engineering	1312	8	1B8 Electrical Engineering (Practical)	1316	3	Foundation Engineering	5002
5	1B5 Workshop-II (Practical)	1313	FOUR YEAR DEGREE COURSE IN B.TEXT.E. FIRST SEMESTER " GROUP A" (CGS)			4	Foundation Engineering	5002
6	1B6 Engineering Chemistry (Practical)	1314	1	1A1 Engineering Mathematics-I	1301	M.E. CIVIL ENGG. (CONST. ENGG. & MANGT.) (F.T.) SEMESTER : THIRD & FOURTH (CGS)		
7	1B7 Computer Programming (Practical)	1315	2	1A2 Engineering Physics	1302	1	3CM01 Seminar & Dissertation	5701
8	1B8 Electrical Engineering (Practical)	1316	3	1A3 Engineering Mechanics	1303	2	4CM01 Seminar & Dissertation	5702
FOUR YEAR DEGREE COURSE IN B.E. SECOND SEMESTER " GROUP A " (CGS)			4	1A4 Engineering Drawing	1304	M.E. CIVIL ENGG. (CONSTRUCTION ENGG. & MANAGEMENT) (F.T.) SEMESTER : FIRST (CGS)		
1	1A1 Engineering Mathematics-I	1301	5	1A5 Workshop-I (Practical)	1305	1	1CM01 Construction Project Planning & Management	5681
2	1A2 Engineering Physics	1302	6	1A6 Engineering Physics (Practical)	1306	2	1CM02 Construction Material & Material Management	5682
3	1A3 Engineering Mechanics	1303	7	1A7 Engineering Mechanics (Practical)	1307	3	1CM03 Quantitative Methods In Construction Engg.	5683
4	1A4 Engineering Drawing	1304	8	1A8 Engineering Drawing (Practical)	1308	4	1CM04 Advanced Construction Technique	5684
5	1A5 Workshop-I (Practical)	1305	FOUR YEAR DEGREE COURSE IN B.TEXT.E. FIRST SEMESTER " GROUP B " (CGS)			5	1CM05 Building Repair & Maintenance Management	5685
6	1A6 Engineering Physics (Practical)	1306	1	1B1 Engineering Mathematics-II	1309	6	1CM05 Human Resource Management In Const. Industry	5686
7	1A7 Engineering Mechanics (Practical)	1307	2	1B2 Engineering Chemistry	1310	7	1CM05 Construction Engg. For Disaster Management	5687
8	1A8 Engineering Drawing (Practical)	1308	3	1B3 Computer Programming	1311	8	1CM05 Advanced Topics In Computer Integrated Const	5688
FOUR YEAR DEGREE COURSE IN B.E. SECOND SEMESTER " GROUP B " (CGS)			4	1B4 Electrical Engineering	1312	9	1CM06 Construction Material & Material Mngt.- Lab.	5689
1	1B1 Engineering Mathematics-II	1309	5	1B5 Workshop-II (Practical)	1313	10	1CM07 Seminar-I	5690
2	1B2 Engineering Chemistry	1310	6	1B6 Engineering Chemistry (Practical)	1314	M.E. CIVIL ENGG. (CONSTRUCTION ENGG. & MANAGEMENT) (F.T.) SEMESTER : SECOND(CGS)		
3	1B3 Computer Programming	1311	7	1B7 Computer Programming (Practical)	1315	1	2CM01 Construction Equipment & Machinery Mngt.	5691
4	1B4 Electrical Engineering	1312	8	1B8 Electrical Engineering (Practical)	1316	2	2CM02 Construction Finance & Accounting Mngt.	5692
5	1B5 Workshop-II (Practical)	1313	FOUR YEAR DEGREE COURSE IN B.TEXT.E. SECOND SEMESTER " GROUP A" (CGS)			3	2CM03 Construction Contract, Laws & Regulations	5693
6	1B6 Engineering Chemistry (Practical)	1314	1	1A1 Engineering Mathematics-I	1301	4	2CM04 Construction Quality Control & Mngt.	5694
7	1B7 Computer Programming (Practical)	1315	2	1A2 Engineering Physics	1302	5	2CM05 Construction Safety Management	5695
8	1B8 Electrical Engineering (Practical)	1316	3	1A3 Engineering Mechanics	1303	6	2CM05 Construction Project Mngt. Infomation System	5696
FOUR YEAR DEGREE COURSE IN B.TECH. (CHEM. ENGG.) FIRST SEMESTER " GROUP A "(CGS)			4	1A4 Engineering Drawing	1304	7	2CM05 Energy Conservation Tech. In Building Const.	5697
1	1A1 Engineering Mathematics-I	1301	5	1A5 Workshop-I (Practical)	1305	8	2CM05 Building Services In Construction Engg.	5698
2	1A2 Engineering Physics	1302	6	1A6 Engineering Physics (Practical)	1306	9	2CM06 Construction Finance & Accouting Mngt.- Lab.	5699
3	1A3 Engineering Mechanics	1303	7	1A7 Engineering Mechanics (Practical)	1307	10	2CM07 Seminar-II	5700
4	1A4 Engineering Drawing	1304	8	1A8 Engineering Drawing (Practical)	1308	FOUR YEAR DEGREE COURSE IN B.TEXT.E. SECOND SEMESTER " GROUP B" (CGS)		
5	1A5 Workshop-I (Practical)	1305	FOUR YEAR DEGREE COURSE IN B.TEXT.E. SECOND SEMESTER " GROUP B" (CGS)			1	1B1 Engineering Mathematics-II	1309
6	1A6 Engineering Physics (Practical)	1306	2	1B2 Engineering Chemistry	1310	2	1B2 Engineering Chemistry	1310
7	1A7 Engineering Mechanics (Practical)	1307	3	1B3 Computer Programming	1311	3	1B3 Computer Programming	1311
8	1A8 Engineering Drawing (Practical)	1308	4	1B4 Electrical Engineering	1312	4	1B4 Electrical Engineering	1312

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
M.E. CIVIL ENGG. (ENVIRONMENTAL ENGG.) (P.T.) SEMESTER : FIFTH & SIXTH (NEW)			M.E. CIVIL ENGG. (ENVIRONMENTAL ENGINEERING) (P.T.) SEMESTER : FOURTH			M.E. CIVIL ENGG. (GEOTECHNICAL ENGG.) (PART-TIME) SEMESTER : FOURTH		
1	Dissertation And Seminar	5901	6	Remote Sensing & GIS In Env. Engg.	5734	14	Construction Methods In Geotechnical Engg.	5691
2	Dissertation And Seminar	5902	M.E. CIVIL ENGG. (ENVIRONMENTAL ENGINEERING) (P.T.) SEMESTER : SECOND			M.E. CIVIL ENGG. (GEOTECHNICAL ENGG.) (PART-TIME) SEMESTER : THIRD		
1	Seminar & Dissertation	5735	1	Watershed Management	5649	1	Earthdam Analysis & Design	5681
2	Seminar & Dissertation	5736	2	Watershed Management	5649	2	Earthdam Analysis & Design	5681
M.E. CIVIL ENGG. (ENVIRONMENTAL ENGG.) (PART-TIME) SEMESTER : FIFTH & SIXTH			3	Advanced Water Treatment	5650	3	Rock Mechanics	5682
1	Seminar & Dissertation	5735	4	Advanced Water Treatment	5650	4	Rock Mechanics	5682
2	Seminar & Dissertation	5736	5	Advanced Waste Water Treatment	5651	M.E. CIVIL ENGG. (GEOTECHNICAL ENGINEERING) (F.T.) SEMESTER : FIRST (CGS)		
M.E. CIVIL ENGG. (ENVIRONMENTAL ENGG.) (PART-TIME) SEMESTER : FOURTH			6	Advanced Waste Water Treatment	5651	1	1SFGE1 Ground Improvement Techniques	5711
1	Industrial Wasterwater Treatment	5729	M.E. CIVIL ENGG. (ENVIRONMENTAL ENGINEERING) (P.T.) SEMESTER : THIRD			2	1SFGE2 Advanced Soil Mechanics	5712
2	Environmental Sanitation & Solid Waster Management	5730	1	Environmental Impact Assessment & Management	5725	3	1SFGE3 Advanced Foundation Engineering	5713
3	Hazardous Waste Management	5731	2	Air Pollution & Control	5726	4	1SFGE4 Construction Mehtods In Geotechnical Engg.	5714
4	Noise Pollution Control	5732	3	Practicals	5727	5	1SFGE5 Earth Dam Analysis & Design	5715
5	Environmental Biotechnology	5733	4	Design Practicals	5728	6	1SFGE6 Ground Imp. Tech. & Earth Dam Analysis-Lab.	5716
6	Remote Sensing & GIS In Env. Engg.	5734	M.E. CIVIL ENGG. (GEOTECH. ENGG.) (P.T.) SEMESTER : FIFTH & SIXTH (NEW)			7	1SFGE7 Adv. Foundation Engg. - Lab.	5717
M.E. CIVIL ENGG. (ENVIRONMENTAL ENGG.) (PART-TIME) SEMESTER : THIRD			1	Dissertation And Seminar	5903	M.E. CIVIL ENGG. (GEOTECHNICAL ENGINEERING) (F.T.) SEMESTER : SECOND (CGS)		
1	Environmental Impact Assessment & Management	5725	2	Dissertation And Seminar	5904	1	2SFGE1 Soil Dynamics & Machine Foundation	5721
2	Air Pollution & Control	5726	M.E. CIVIL ENGG. (GEOTECH. ENGG.) (PART-TIME) SEMESTER : FIFTH & SIXTH			2	2SFGE2 Finite Element Methods In Geotechnical Engg	5722
3	Practicals	5727	1	Seminar & Dissertation	5692	3	2SFGE3 Geosynthetics	5723
4	Design Practicals	5728	2	Seminar & Dissertation	5693	4	2SFGE4 Geoenvironmental Engineering	5724
M.E. CIVIL ENGG. (ENVIRONMENTAL ENGINEERING) (P.T.) SEMESTER : FIFTH & SIXTH			M.E. CIVIL ENGG. (GEOTECHNICAL ENGG.) (F.T.) SEMESTER : THIRD & FOURTH (CGS)			5	2SFGE4 Soil Structure Interaction	5725
1	Seminar & Dissertation	5735	1	3SFGE1 Seminar & Dissertation	5741	6	2SFGE4 Soil Stabilization	5726
2	Seminar & Dissertation	5736	2	4SFGE1 Seminar & Dissertation	5742	7	2SFGE5 Geotechnical Earthquake Engineering	5727
M.E. CIVIL ENGG. (ENVIRONMENTAL ENGINEERING) (P.T.) SEMESTER : FIRST			M.E. CIVIL ENGG. (GEOTECHNICAL ENGG.) (PART-TIME) SEMESTER : FOURTH			8	2SFGE5 Rock Mechanics	5728
1	Environmental Sciences And Chemistry	5020	1	Engineering With Geosynthetics	5685	9	2SFGE5 Pavement Analysis & Design	5729
2	Environmental Sciences And Chemistry	5020	2	Engineering With Geosynthetics	5685	10	2SFGE6 Soil Engineering - Lab.	5730
3	Environmental Microbiology	5021	3	Geoenvironmental Engg.	5686	11	2SFGE7 FEM - Lab.	5731
4	Environmental Microbiology	5021	4	Geoenvironmental Engg.	5686	M.E. CIVIL ENGG. (GEOTECHNICAL ENGINEERING) (PART-TIME) SEMESTER : SECOND		
5	Practicals	5022	5	Offshore Structure Engg.	5687	1	Ground Improvement	5641
6	Practicals	5022	6	Offshore Structure Engg.	5687	2	Ground Improvement	5641
7	Practicals	5023	7	Soil Structure Interaction	5688	3	Soil Dynamics & Machine Foundations	5642
8	Practicals	5023	8	Soil Structure Interaction	5688	4	Soil Dynamics & Machine Foundations	5642
M.E. CIVIL ENGG. (ENVIRONMENTAL ENGINEERING) (P.T.) SEMESTER : FOURTH			9	Application Of FEM In Geotechnical Engg.	5689	M.E. CIVIL ENGG. (STRUCTURAL ENGG.) (F.T.) SEMESTER : THIRD & FOURTH (NEW)		
1	Industrial Wasterwater Treatment	5729	10	Application Of FEM In Geotechnical Engg.	5689	1	Dissertation And Seminar	5951
2	Environmental Sanitation & Solid Waster Management	5730	11	Geotechnical Earthquake Engg.	5690	2	Dissertation And Seminar	5952
3	Hazardous Waste Management	5731	12	Geotechnical Earthquake Engg.	5690			
4	Noise Pollution Control	5732	13	Construction Methods In Geotechnical Engg.	5691			
5	Environmental Biotechnology	5733						

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M.E. CIVIL ENGG. (STRUCTURAL ENGG.) (FULL TIME) SEMESTER : FIRST		
1	Engineering Mathematics	5060
2	Engineering Mathematics	5060
3	Theory Of Plates & Shells	5061
4	Theory Of Plates & Shells	5061
5	Computer Methods Of Structural Analysis	5062
6	Computer Methods Of Structural Analysis	5062
7	Advanced Structural Analysis	5063
8	Advanced Structural Analysis	5063
9	Advanced Concrete Structures	5064
10	Advanced Concrete Structures	5064

M.E. CIVIL ENGG. (STRUCTURAL ENGG.) (FULL TIME) SEMESTER : SECOND		
1	Finite Element Method	5066
2	Finite Element Method	5066
3	Advanced Design Of Steel Structures	5067
4	Advanced Design Of Steel Structures	5067
5	Structural Dynamics	5068
6	Structural Dynamics	5068
7	Prestressed Concrete	5069
8	Prestressed Concrete	5069
9	Experimental Stress Analysis	5070
10	Experimental Stress Analysis	5070
11	Structural Stability	5071
12	Structural Stability	5071
13	Soil Structure Interaction	5072
14	Soil Structure Interaction	5072
15	Earthquake Resistant Structures	5073
16	Earthquake Resistant Structures	5073
17	Design Of Environmental Structures	5074
18	Design Of Environmental Structures	5074

M.E. CIVIL ENGG. (STRUCTURAL ENGG.) (FULL TIME) SEMESTER : THIRD & FOURTH		
1	Seminar-I	5801
2	Seminar-I	5801
3	Seminar-II	5802
4	Seminar-II	5802
5	Dissertation	5803
6	Dissertation	5803

M.E. CIVIL ENGG. (STRUCTURAL ENGINEERING) (F.T.) SEMESTER : FIRST (CGS)		
1	1SFSE1 Intro.to Earthquake & Retrofitting Of Stru.	5601
2	1SFSE2 Theory Of Elasticity & Elastic Stability	5602
3	1SFSE3 Matrix Methods Of Structural Analysis	5603
4	1SFSE4 Structural Dynamics	5604
5	1SFSE5 Earthquake Resi. Design Of R. C. Structures	5605

M.E. CIVIL ENGG. (STRUCTURAL ENGINEERING) (F.T.) SEMESTER : FIRST (CGS)		
6	1SFSE6 Earthquake Resi.Design Of R.C.stru. - Lab.	5606
7	1SFSE7 Comp. Aided Ana. & Desi. Of Struct. - Lab.	5607

M.E. CIVIL ENGG. (STRUCTURAL ENGINEERING) (F.T.) SEMESTER : SECOND (CGS)		
1	2SFSE1 Finite Element Method	5608
2	2SFSE2 Advanced Design Of Steel Structures	5609
3	2SFSE3 Theory Of Plates & Shells	5610
4	2SFSE4 Design Of Prestressed Concrete Structures	5611
5	2SFSE5 Substructures & Foundation Design	5612
6	2SFSE5 Earthquake Resist. Design Of Bridges & Dams	5613
7	2SFSE5 Experimental Stress Analysis	5614
8	2SFSE5 Design Of Environmental Structures	5615
9	2SFSE6 Advanced Design Of Steel Structures - Lab	5616
10	2SFSE7 Design Of Prestressed Con. Structures - Lab	5617

M.E. CIVIL ENGG. (STRUCTURAL ENGINEERING) (F.T.) SEMESTER : THIRD & FOURTH (CGS)		
1	3SFSE1 Seminar & Dissertation	5618
2	4SFSE1 Seminar & Dissertation	5619

M.E. CIVIL ENGG. (TRANS. ENGG. & MNGT.) (F.T.) SEMESTER : THIRD & FOURTH (CGS)		
1	3SFTR1 Seminar & Dissertation	5518
2	4SFTR1 Seminar & Dissertation	5519

M.E. CIVIL ENGG. (TRANSPORTATION ENGG. & MNGT.) (F.T.) SEMESTER : FIRST (CGS)		
1	1SFTR1 Traffic Engineering & Field Studies	5501
2	1SFTR2 Transport Planning & Management	5502
3	1SFTR3 Design & Construction Of Pavement	5503
4	1SFTR4 Docks Harbour & Airport Engineering	5504
5	1SFTR5 Applied Soil Mechanics	5505
6	1SFTR5 Design Of Bridges	5506
7	1SFTR6 Traffic Engineering & Field Studies (Lab.)	5507
8	1SFTR7 Design & Construction Of Pavement (Lab.)	5508

M.E. CIVIL ENGG. (TRANSPORTATION ENGG. & MNGT.) (F.T.) SEMESTER : SECOND (CGS)		
1	2SFTR1 Advanced Rail Road Engineering	5509
2	2SFTR2 Road Safety & Management System	5510

M.E. CIVIL ENGG. (TRANSPORTATION ENGG. & MNGT.) (F.T.) SEMESTER : SECOND (CGS)		
3	2SFTR3 Environmental Impact Assesment	5511
4	2SFTR4 Geometric Design Of Transport. Facilities	5512
5	2SFTR4 Theory & Application Of GIS	5513
6	2SFTR5 Transportation Economics & Evaluation	5514
7	2SFTR5 Transportation Systems	5515
8	2SFTR6 Road Safety & Management System - Lab.	5516
9	2SFTR7 Environmental Impact Assesment - Lab.	5517

M.E. CIVIL ENGG.(GEOTECHNICAL ENGINEERING) (PART-TIME) SEMESTER : FIFITH & SIXTH		
1	Seminar & Dissertation	5692
2	Seminar & Dissertation	5693

M.E. COMPUTER ENGINEERING (F.T.) SEMESTER : FIRST (CGS)		
1	1RME1/1RMEF1/1KMEF1 Advanced Computer Architecture	5281
2	1KMEF2/1RMEF2/1RME2 Algorithmics	5282
3	1RME3 /1RMEF3/ 1KMEF3 Operating System Design	5283
4	1KMEF4 Object Oriented Systems	5284
5	1KMEF5 Mobile Computing	5285
6	1KMEF6 Algorithmics - Lab.	5286
7	1KMEF7 Operating System Design - Lab.	5287

M.E. COMPUTER ENGINEERING (F.T.) SEMESTER : SECOND (CGS)		
1	2KMEF1 Network Systems Design	5288
2	2RMEF2/2RME2/2KMEF2 Adv. Compiling Techniques	5289
3	2KMEF3 Embedded Systems Design	5290
4	2KMEF4 Human Computer Interfaces	5291
5	2KMEF4 System Security	5292
6	2KMEF4 Image Processing & Computer Vision	5293
7	2KMEF5 Technical Paper Writing	5294
8	2KMEF6 Seminar	5295
9	2KMEF7 Advanced Compiling Techniques - Lab.	5296
10	2KMEF8 Embedded Systems Design - Lab.	5297

M.E. COMPUTER ENGINEERING (F.T.) SEMESTER : THIRD & FOURTH (CGS)		
1	3KMEF1 Seminar And Dissertation	5298
2	4KMEF1 Seminar And Dissertation	5299

M.E. COMPUTER SCIENCE & ENGG. (F.T.) SEMESTER : THIRD & FOURTH (CGS)		
1	3RMEF1 Seminar And Dissertation	5278
2	4RMEF1 Seminar And Dissertation	5279

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
M.E. COMPUTER SCIENCE & ENGG. (P.T.) SEMESTER : FIFTH & SIXTH (CGS)			M.E. COMPUTER SCIENCE & ENGINEERING (F.T.) SEMESTER : SECOND			M.E. COMPUTER SCIENCE & ENGINEERING (P.T.) SEMESTER FIFTH & SIXTH (NEW)		
1	5RMEF1 Seminar And Dissertation	5418	9	Seminar	6369	1	Dissertation And Seminar	5913
2	6RMEF1 Seminar And Dissertation	5419	M.E. COMPUTER SCIENCE & ENGINEERING (F.T.) SEMESTER : SECOND (CGS)			2	Dissertation And Seminar	5914
M.E. COMPUTER SCIENCE & ENGG. (PART-TIME) SEMESTER : FIFTH & SIXTH			1	2RMEF1/2RME1 Computer Communication Networks	5268	M.E. COMPUTER SCIENCE & ENGINEERING (PART TIME) SEMESTER : FIFTH & SIXTH		
1	Seminar & Dissertation	5749	2	2RMEF2/2RME2 Advanced Compiling Techniques	5269	1	Seminar & Dissertation	5749
2	Seminar & Dissertation	5750	3	2RMEF3/4RME1 Real Time Systems	5270	2	Seminar & Dissertation	5750
M.E. COMPUTER SCIENCE & ENGG. (PART-TIME) SEMESTER : FOURTH			4	2RMEF4/4RME2 Mobile Computing	5271	M.E. COMPUTER SCIENCE & ENGINEERING (PART-TIME) SEMESTER : FIRST		
1	Computer Vision	5742	5	2RMEF4/4RME2 Network Security	5272	1	Advanced Computer Architecture	5025
2	Expert System Design	5743	6	2RMEF4/4RME2 Computer Vision & Image Processing	5273	2	Advanced Computer Architecture	5025
3	Real Time System	5744	7	2RMEF5/4RME3 Technical Paper Writing	5274	3	Algorithmics	5026
4	System Simulation	5745	8	2RMEF6/2RME3 Seminar	5275	4	Algorithmics	5026
5	Computer Graphics	5746	9	2RMEF7/2RME4 Advanced Compiling Techniques - Lab.	5276	5	Operating System Design	5027
6	Product Design	5747	10	2RMEF8/4RME4 Real Time Systems - Lab.	5277	6	Operating System Design	5027
7	Seminar	5748	M.E. COMPUTER SCIENCE & ENGINEERING (F.T.) SEMESTER : THIRD & FOURTH			M.E. COMPUTER SCIENCE & ENGINEERING (PART-TIME) SEMESTER : FOURTH		
M.E. COMPUTER SCIENCE & ENGG. (PART-TIME) SEMESTER : THIRD			1	Dissertation & Seminar	6461	1	Computer Vision	5742
1	Digital Image Processing	5740	2	Dissertation & Seminar	6462	2	Expert System Design	5743
2	Database Modelling & Design	5741	M.E. COMPUTER SCIENCE & ENGINEERING (P.T.) SEMESTER : FIRST (CGS)			3	Real Time System	5744
M.E. COMPUTER SCIENCE & ENGINEERING (F.T) SEMESTER : FIRST			1	1RME1/1RMEF1 Advanced Computer Architecture	5401	4	System Simulation	5745
1	Advanced Computer Architecture	6261	2	1RME2/1RMEF2 Algorithmics	5402	5	Computer Graphics	5746
2	Algorithmics	6262	3	1RME3/1RMEF3 Operating System Design	5403	6	Product Design	5747
3	Operating System Design	6263	M.E. COMPUTER SCIENCE & ENGINEERING (P.T.) SEMESTER : FOURTH (CGS)			7	Seminar	5748
4	Digital Image Processing	6264	1	4RME1/2RMEF3 Real Time Systems	5412	M.E. COMPUTER SCIENCE & ENGINEERING (PART-TIME) SEMESTER : SECOND		
5	DataBase Modeling & Design	6265	2	4RME2/2RMEF4 Mobile Computing	5413	1	Computer Communication Network	5652
M.E. COMPUTER SCIENCE & ENGINEERING (F.T.) SEMESTER : FIRST (CGS)			3	4RME2/2RMEF4 Network Security	5414	2	Computer Communication Network	5652
1	1RMEF1/1RME1 Advanced Computer Architecture	5261	4	4RME2/2RMEF4 Computer Vision & Image Processing	5415	3	Artificial Neural Network Techniques	5653
2	1RMEF2/1RME2 Algorithmics	5262	5	4RME3/2RMEF5 Technical Paper Writing	5416	4	Artificial Neural Network Techniques	5653
3	1RMEF3/1RME3 Operating System Design	5263	6	4RME4/2RMEF6 Real Time Systems - Lab.	5417	5	Seminar	5654
4	1RMEF4/3RME1 Expert System Design	5264	M.E. COMPUTER SCIENCE & ENGINEERING (P.T.) SEMESTER : SECOND (CGS)			6	Seminar	5654
5	1RMEF5/3RME2 Database Processing	5265	1	2RME1/2RMEF1 Computer Communication Networks	5404	M.E. COMPUTER SCIENCE & ENGINEERING (PART-TIME) SEMESTER : THIRD		
6	1RMEF6/3RME3 Expert System Design Lab.	5266	2	2RME2/2RMEF2 Advanced Compiling Techniques	5405	1	Digital Image Processing	5740
7	1RMEF7/3RME4 Database Processing Lab.	5267	3	2RME3/2RMEF6 Seminar	5406	2	Database Modelling & Design	5741
M.E. COMPUTER SCIENCE & ENGINEERING (F.T.) SEMESTER : SECOND			4	2RME4/2RMEF7 Advanced Compiling Techniques - Lab.	5407	M.E. COMPUTER SCIENCE & INFORMATION TECH. (F.T.) SEMESTER : THIRD & FOURTH (CGS)		
1	Computer Communication Network	6361	M.E. COMPUTER SCIENCE & ENGINEERING (P.T.) SEMESTER : THIRD (CGS)			1	3RNME1 Seminar & Dissertation	5641
2	Artificial Neural Network Techniques	6362	1	3RME1/1RMEF4 Expert System Design	5408	2	4RNME1 Seminar & Dissertation	5642
3	Computer Vision	6363	2	3RME2/1RMEF5 Database Processing	5409	M.E. COMPUTER SCIENCE & INFORMATION TECHNOLOGY (F.T.) SEMESTER : FIRST (CGS)		
4	Expert System Design	6364	3	3RME3/1RMEF6 Expert System Design - Lab.	5410	1	1RNME1 Advance Computer Architecture	5621
5	Real Time System	6365	4	3RME4/1RMEF7 Database Processing - Lab.	5411	2	1RNME2 Distributed Operating System Design	5622
6	System Simulation	6366				3	1RNME3 Distributed Database System	5623
7	Computer Graphics	6367						
8	Technical Paper Writing	6368						

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
M.E. COMPUTER SCIENCE & INFORMATION TECHNOLOGY (F.T.) SEMESTER : FIRST (CGS)			M.E. DIGITAL ELECTRONICS (F.T.) SEMESTER : FIRST (CGS) (OLD)			M.E. DIGITAL ELECTRONICS (FULL-TIME) (NEW COURSE) SEMESTER : SECOND		
4	1RNME4 Wireless Communication & Network Computing	5624	9	1UMEF7 Embeded System Design - Lab.	5179	2	Modern Electronic Design Techniques	5376
5	1RNME5 Expert System Design & Intelligent System	5625	M.E. DIGITAL ELECTRONICS (F.T.) SEMESTER : SECOND (CGS) (NEW)			3	Fuzzy Logic, ANN & Artificial Intelligent System	5377
6	1RNME5 Algorithmics	5626	1	2UMEF1 Digital Image Processing	5791	4	Digital Instrumentation & Control	5378
7	1RNME5 Information Technology & Management	5627	2	2UMEF2 CMOS VLSI Design	5792	5	Laboratory-II	5379
8	1RNME6 CSIT Lab.-I	5628	3	2UMEF3 Parallel Computing	5793	6	Laboratory-III	5380
9	1RNME7 CSIT Lab.-II	5629	4	2UMEF4 Artificial Intelligent Systems	5794	M.E. DIGITAL ELECTRONICS (FULL-TIME) (NEW COURSE) SEMESTER : THIRD		
10	1RNME8 Seminar & Technical Paper Writing	5630	5	2UMEF5 Bio-informatics	5795	1	Seminar (College Assessment)	5539

SNO	SUBJECT NAME	SUB CODE
M.E. COMPUTER SCIENCE & INFORMATION TECHNOLOGY (F.T.) SEMESTER : SECOND (CGS)		
1	2RNME1 Real Time Embedded Systems	5631
2	2RNME2 Performance Analysis For Imaging Systems	5632
3	2RNME3 Information Technology & Security	5633
4	2RNME4 Software Engineering, Testing & Reliability	5634
5	2RNME5 Advanced Computing Techniques	5635
6	2RNME5 Mobile Computing	5636
7	2RNME5 Digital Media Development	5637
8	2RNME6 CSIT Lab.-III	5638
9	2RNME7 CSIT Lab.-IV	5639
10	2RNME8 Seminar	5640

SNO	SUBJECT NAME	SUB CODE
M.E. DIGITAL ELECTRONICS (F.T.) SEMESTER : FIRST (CGS) (NEW)		
1	1UMEF1 Digital Instrumentation	5781
2	1UMEF2 Advanced Digital Signal Processing	5782
3	1UMEF3 Modern Electronic Design	5783
4	1UMEF3 RF System Design	5784
5	1UMEF3 Computer Communication Network	5785
6	1UMEF4 Digital Communication Techniques	5786
7	1UMEF5 Embeded System Design	5787
8	1UMEF6 Digital Communications - Lab.	5788
9	1UMEF7 Emebeded System Design - Lab.	5789

SNO	SUBJECT NAME	SUB CODE
M.E. DIGITAL ELECTRONICS (F.T.) SEMESTER : FIRST (CGS) (OLD)		
1	1UMEF1 Digital Instrumentation	5171
2	1UMEF2 Advanced Digital Signal Processing	5172
3	1UMEF3 Modern Electronics Design Techniques	5173
4	1UMEF3 RF System Design	5174
5	1UMEF3 Computer Communication Network	5175
6	1UMEF4 Digital Communication Techniques	5176
7	1UMEF5 Embeded System Design	5177
8	1UMEF6 Digital Communication Techniques - Lab.	5178

SNO	SUBJECT NAME	SUB CODE
M.E. DIGITAL ELECTRONICS (F.T.) SEMESTER : SECOND (CGS) (OLD)		
1	2UMEF1 Digital Image Processing	5180
2	2UMEF2 CMOS VLSI Design	5181
3	2UMEF3 Parallel Computing	5182
4	2UMEF4 Artificial Inteligent Systems	5183
5	2UMEF5 Bio Informatics	5184
6	2UMEF5 Micro Electro Mechanical System	5185
7	2UMEF5 High Speed Digital System Design	5186
8	2UMEF6 Digital Image Processing - Lab.	5187
9	2UMEF7 CMOS VLSI Design - Lab.	5188

SNO	SUBJECT NAME	SUB CODE
M.E. DIGITAL ELECTRONICS (F.T.) SEMESTER : THIRD & FOURTH (CGS)		
1	3UMEF1 Seminar And Dissertation	5189
2	4UMEF1 Seminar And Dissertation	5190

SNO	SUBJECT NAME	SUB CODE
M.E. DIGITAL ELECTRONICS (F.T.) SEMESTER : THIRD & FOURTH (CGS) (NEW)		
1	3UMEF1 Seminar & Dissertation	5801
2	4UMEF1 Seminar & Dissertation	5802

SNO	SUBJECT NAME	SUB CODE
M.E. DIGITAL ELECTRONICS (FULL-TIME) (NEW COURSE) SEMESTER : FIRST		
1	Computer Aided Analysis & Design	5190
2	Digital Communication	5191
3	Microcontroller & System Design	5192
4	Advance Computer Architecture	5193
5	Advance Computer Network & Prog.	5194
6	Labaratory-I	5195

SNO	SUBJECT NAME	SUB CODE
M.E. DIGITAL ELECTRONICS (FULL-TIME) (NEW COURSE) SEMESTER : SECOND		
1	Digital Image Processing	5375

SNO	SUBJECT NAME	SUB CODE
M.E. DIGITAL ELECTRONICS (P.T.) SEMESTER : FIFTH & SIXTH (CGS)		
1	5UMEP1 Seminar And Dissertation	5399
2	6UMEP1 Seminar And Dissertation	5400

SNO	SUBJECT NAME	SUB CODE
M.E. DIGITAL ELECTRONICS (P.T.) SEMESTER : FIFTH & SIXTH (CGS) (NEW)		
1	5UMEP1 Seminar & Dissertation	5826
2	6UMEP1 Seminar & Dissertation	5827

SNO	SUBJECT NAME	SUB CODE
M.E. DIGITAL ELECTRONICS (P.T.) SEMESTER : FIRST (CGS) (NEW)		
1	1UMEP1 Digital Instrumentation	5806
2	1UMEP2 Advanced Digital Signal Processing	5807
3	1UMEP3 Modern Electronic Design Techniques	5808
4	1UMEP3 RF System Design	5809
5	1UMEP3 Computer Communication Networks	5810

SNO	SUBJECT NAME	SUB CODE
M.E. DIGITAL ELECTRONICS (P.T.) SEMESTER : FIRST (CGS) (OLD)		
1	1UMEP1 Digital Instrumentation	5381
2	1UMEP2 Advanced Digital Signal Processing	5382
3	1UMEP3 Modern Electronic Design Techniques	5383
4	1UMEP3 RF System Design	5384
5	1UMEP3 Computer Communication Network	5385

SNO	SUBJECT NAME	SUB CODE
M.E. DIGITAL ELECTRONICS (P.T.) SEMESTER : FOURTH (CGS)		
1	4UMEP1 Parallel Computing	5394
2	4UMEP2 Artificial Intelligent Systems	5395
3	4UMEP3 Bio Informatics	5396
4	4UMEP3 Micro Electro Mechnaical System	5397
5	4UMEP3 High Speed Digital System Design	5398

SNO	SUBJECT NAME	SUB CODE
M.E. DIGITAL ELECTRONICS (P.T.) SEMESTER : FOURTH (CGS) (NEW)		
1	4UMEP1 Parallel Computing	5821
2	4UMEP2 Artificial Intelligent Systems	5822
3	4UMEP3 Bio-Informatics	5823

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
M.E. DIGITAL ELECTRONICS (P.T.) SEMESTER : FOURTH (CGS) (NEW)			M.E. DIGITAL ELECTRONICS (PART-TIME) SEMESTER : THIRD			M.E. ELECTRICAL (ELECTRONICS & POWER) ENGG. (F.T.) SEMESTER : SECOND (CGS)		
4	4UMEP3 Micron Electro Mechanical System	5824	1	Modern Electronic Design Techniques	5450	1	2EETME1 Digital Protection Of Power Systems	5661
5	4UMEP3 High Speed Digital System Design	5825	2	Fuzzy Logic, ANN & Artificial Intelligent System	5451	2	2EETME2 Digital Instrumentation	5662
M.E. DIGITAL ELECTRONICS (P.T.) SEMESTER : SECOND (CGS) (NEW)			3	Digital Instrumentation & Control	5452	3	2EETME3 Embedded Systems Designs	5663
1	2UMEP1 Digital Communication Techniques	5811	4	Laboratory-III	5453	4	2EETME4 Power Electronic Controlled Drives	5664
2	2UMEP2 Embedded System Design	5812	M.E. ELECTRICAL & ELECTRONICS ENGINEERING (F.T.) SEMESTER : FIRST (CGS)			5	2EETME4 Power Systems Planning & Reliability	5665
3	2UMEP3 Digital Communication Techniques - Lab.	5813	1	1EEEME1 Advanced Control Systems	5581	6	2EETME5 Flexible AC Transmission Systems	5666
4	2UMEP4 Embedded System Design - Lab.	5814	2	1EEEME2 Advanced Power Electronics	5582	7	2EETME5 Neuro Fuzzy Control	5667
M.E. DIGITAL ELECTRONICS (P.T.) SEMESTER : SECOND (CGS) (OLD)			3	1EEEME3 Advanced Digital Signal Processing	5583	8	2EETME6 Seminar	5668
1	2UMEP1 Digital Communication Techniques	5386	4	1EEEME4 VLSI Design	5584	9	2EETME7 Embedded Systems Design - Lab.	5669
2	2UMEP2 Embedded System Design	5387	5	1EEEME5 Modelling & Analysis Of Electrical Machine	5585	M.E. ELECTRICAL ENGG. (E. P. S.) (P.T.) SEMESTER : FIFTH & SIXTH (NEW)		
3	2UMEP3 Digital Communication Techniques - Lab.	5388	6	1EEEME6 Seminar	5586	1	Dissertation And Seminar	5909
4	2UMEP4 Embedded System Design - Lab.	5389	7	1EEEME7 VLSI Design - Lab	5587	2	Dissertation And Seminar	5910
M.E. DIGITAL ELECTRONICS (P.T.) SEMESTER : THIRD (CGS) (NEW)			M.E. ELECTRICAL & ELECTRONICS ENGINEERING (F.T.) SEMESTER : SECOND (CGS)			M.E. ELECTRICAL ENGG. (E.P.S.) (FULL TIME) SEMESTER : THIRD & FOURTH		
1	3UMEP1 Digital Image Processing	5816	1	2EEEME1 Digital Instrumentation	5588	1	Seminar-I & Dissertation	5790
2	3UMEP2 CMOS VLSI Design	5817	2	2EEEME2 Embedded Systems Design	5589	2	Seminar-II & Dissertation	5791
3	3UMEP3 Digital Image Processing - Lab.	5818	3	2EEEME3 Neuro Fuzzy Control	5590	M.E. ELECTRICAL ENGG. (E.P.S.) (PART-TIME) SEMESTER : FIFTH & SIXTH		
4	3UMEP4 CMOS VLSI Design - Lab.	5819	4	2EEEME4 Power Electronics Control Drives	5591	1	Seminar-I & Dissertation	5706
M.E. DIGITAL ELECTRONICS (P.T.) SEMESTER : THIRD (CGS) (OLD)			5	2EEEME4 Digital Communication	5592	2	Seminar-II & Dissertation	5707
1	3UMEP1 Digital Image Processing	5390	6	2EEEME5 Flexible AC Transmission Systems	5593	M.E. ELECTRICAL ENGG. (E.P.S.) (PART-TIME) SEMESTER : FOURTH		
2	3UMEP2 CMOS VLSI Design	5391	7	2EEEME5 Digital Image Processing	5594	1	Computer Methods In Power System Analysis	5703
3	3UMEP3 Digital Image Processing - Lab.	5392	8	2EEEME6 Seminar	5595	2	FACTS And Power Quality	5704
4	3UMEP4 CMOS VLSI Design - Lab.	5393	9	2EEEME7 Embedded Systems Design - Lab.	5596	3	Power System Lab.-II	5705
M.E. DIGITAL ELECTRONICS (PART-TIME) SEMESTER : FIRST			M.E. ELECTRICAL & ELECTRONICS ENGINEERING (F.T.) SEMESTER : THIRD & FOURTH (CGS)			M.E. ELECTRICAL ENGG. (E.P.S.) (PART-TIME) SEMESTER : THIRD		
1	Computer Aided Analysis & Design	5170	1	3EEEME1 Seminar & Dissertation	5597	1	Advanced Power System Protection	5700
2	Digital Communication	5171	2	4EEEME1 Seminar & Dissertation	5598	2	High Voltage Transmission	5701
3	Microcontroller & System Design	5172	M.E. ELECTRICAL (ELECTRONICS & POWER) ENGG. (F.T.) SEMESTER : FIRST (CGS)			3	Power System Modeling & Control	5702
4	Laboratory-I	5173	1	1EETME1 Digital Control Systems	5651	M.E. ELECTRICAL ENGG. (ELECTRICAL POWER SYSTEM) (F.T.) SEMESTER : FIRST		
M.E. DIGITAL ELECTRONICS (PART-TIME) SEMESTER : FOURTH			2	1EETME2 Power Electronic Converters	5652	1	Power System Optimization	5050
1	Seminar (College Assessment)	5530	3	1EETME3 Advanced Digital Signal Processing	5653	2	Power System Optimization	5050
2	Project (Viva-Voce)	5531	4	1EETME4 Power Systems Modelling & Simulation	5654	3	Generation Planning And Load Dispatch	5051
M.E. DIGITAL ELECTRONICS (PART-TIME) SEMESTER : SECOND			5	1EETME5 Modelling & Analysis Of Elect. Machines	5655	4	Generation Planning And Load Dispatch	5051
1	Advance Computer Architecture	5360	6	1EETME6 Seminar	5656	5	Microprocessor & Microcontroller	5052
2	Advance Computer Network & Prog.	5361	7	1EETME7 Power Electronic Converters - Lab.	5657	6	Microprocessor & Microcontroller	5052
3	Digital Image Processing	5362	M.E. ELECTRICAL (ELECTRONICS & POWER) ENGG. (F.T.) SEMESTER : SECOND (CGS)			7	Power System Dynamics	5053
4	Laboratory-II	5363	M.E. ELECTRICAL (ELECTRONICS & POWER) ENGG. (F.T.) SEMESTER : SECOND (CGS)			8	Power System Dynamics	5053
						9	Digital Signal Processing	5054
						10	Digital Signal Processing	5054
						11	Power System Lab.-I	5055

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
M.E. ELECTRICAL ENGG. (ELECTRICAL POWER SYSTEM) (F.T.) SEMESTER : FIRST			M.E. ELECTRICAL ENGG. (ELECTRICAL POWER SYSTEM) (P.T.) SEMESTER : THIRD			M.E. ELECTRICAL ENGINEERING (E.P.S.) (P.T.) SEMESTER : FOURTH (CGS)		
12	Power System Lab.-I	5055	1	Advanced Power System Protection	5700	3	2SEPS6 Power System Lab.-II	5372
M.E. ELECTRICAL ENGG. (ELECTRICAL POWER SYSTEM) (F.T.) SEMESTER : SECOND			M.E. ELECTRICAL ENGINEERING (E.P.S.) (F.T.) SEMESTER : FIRST (CGS)			M.E. ELECTRICAL ENGINEERING (E.P.S.) (P.T.) SEMESTER : SECOND (CGS)		
1	Advanced Power System Protection	5670	2	High Voltage Transmission	5701	1	1SEPS4 Power System Dynamics	5364
2	Advanced Power System Protection	5670	3	Power System Modeling & Control	5702	2	1SEPS5 Digital Signal Processing	5365
3	High Voltage Transmission	5671	M.E. ELECTRICAL ENGINEERING (E.P.S.) (F.T.) SEMESTER : SECOND (CGS)			3	1SEPS6 Power System Lab.-I	5366
4	High Voltage Transmission	5671	1	1SEPS1 Power System Optimization	5151	M.E. ELECTRICAL ENGINEERING (E.P.S.) (P.T.) SEMESTER : THIRD (CGS)		
5	Power System Modeling & Control	5672	2	1SEPS2 Generation Planning & Load Dispatch	5152	1	2SEPS1 Advanced System Protection	5367
6	Power System Modeling & Control	5672	3	1SEPS3 Microcomputer & Microcontroller	5153	2	2SEPS2 High Voltage Transmission	5368
7	Computer Methods In Power System Analysis	5673	4	1SEPS4 Power System Dynamics	5154	3	2SEPS3 Power System Modeling & Control	5369
8	Computer Methods In Power System Analysis	5673	5	1SEPS5 Digital Signal Processing	5155	M.E. ELECTRICAL (ELECTRONICS & POWER) ENGG. (F.T.) SEMESTER : THIRD & FOURTH (CGS)		
9	FACTS And Power Quality	5674	6	1SEPS6 Power System Lab.-I	5156	1	3EEMPE1 Seminar & Dissertation	5671
10	FACTS And Power Quality	5674	M.E. ELECTRICAL ENGINEERING (E.P.S.) (F.T.) SEMESTER : SECOND (CGS)			2	4EEMPE1 Seminar & Dissertaion	5672
11	Power System Lab. - II	5675	1	2SEPS1 Advanced Power System Protection	5157	M.E. ELECTRONICS & TELE. ENGG. (F.T.) SEMESTER : THIRD & FOURTH (CGS)		
12	Power System Lab. - II	5675	2	2SEPS2 High Voltage Transmission	5158	1	3ENTC1 Seminar And Dissertation	5441
M.E. ELECTRICAL ENGG. (ELECTRICAL POWER SYSTEM) (F.T.) SEMESTER : THIRD & FOURTH			3	2SEPS3 Power System Modelling & Control	5159	2	4ENTC1 Seminar And Dissertation	5442
1	Seminar-I & Dissertation	5790	4	2SEPS4 Computer Methods In Power System Analysis	5160	M.E. ELECTRONICS & TELECOM. ENGG. (F.T.) SEMESTER : FIRST (CGS) (NEW)		
2	Seminar-II & Dissertation	5791	5	2SEPS5 FACTS & Power Quality	5161	1	1ENTC1 Advanced Optical Communication	5751
M.E. ELECTRICAL ENGG. (ELECTRICAL POWER SYSTEM) (P.T.) SEMESTER : FIFTH & SIXTH			6	2SEPS6 Power System - Lab.-II	5162	2	1ENTC2 Random Processes	5752
1	Seminar-I & Dissertation	5706	M.E. ELECTRICAL ENGINEERING (E.P.S.) (F.T.) SEMESTER : THIRD & FOURTH (CGS)			3	1ENTC3 Digital Communication Techniques	5753
2	Seminar-II & Dissertation	5707	1	3SEPS1 Seminar And Dissertation	5163	4	1ENTC4 Digital Signal Processing & Applications	5754
M.E. ELECTRICAL ENGG. (ELECTRICAL POWER SYSTEM) (P.T.) SEMESTER : FIRST			2	4SEPS1 Seminar And Dissertation	5164	5	1ENTC5 Real Time Embedded System	5755
1	Power System Optimization	5010	M.E. ELECTRICAL ENGINEERING (E.P.S.) (F.T.) SEMESTER : THIRD & FOURTH (NEW)			6	1ENTC5 Data Compression	5756
2	Power System Optimization	5010	1	Dissertation And Seminar	5955	7	1ENTC5 Artificial Intelligent System	5757
3	Generation Planning And Load Dispatch	5011	2	Dissertation And Seminar	5956	8	1ENTC5 Cryptography & Network Security	5758
4	Generation Planning And Load Dispatch	5011	M.E. ELECTRICAL ENGINEERING (E.P.S.) (P.T.) SEMESTER : FIFTH & SIXTH (CGS)			9	1ENTC6 Lab.-I (Based On 1ENTC1 & 1ENTC3)	5759
5	Microprocessor & Microcontroller	5012	1	3SEPS1 Seminar And Dissertation	5373	10	1ENTC7 Lab.-II (Based On 1ENTC4)	5760
6	Microprocessor & Microcontroller	5012	2	4SEPS1 Seminar And Dissertation	5374	M.E. ELECTRONICS & TELECOM. ENGG. (F.T.) SEMESTER : SECOND (CGS) (NEW)		
M.E. ELECTRICAL ENGG. (ELECTRICAL POWER SYSTEM) (P.T.) SEMESTER : FOURTH			M.E. ELECTRICAL ENGINEERING (E.P.S.) (P.T.) SEMESTER : FIRST (CGS)			1	2ENTC1 Adaptive Signal Processing	5761
1	Computer Methods In Power System Analysis	5703	1	1SEPS1 Power System Optimization	5361	2	2ENTC2 Wireless Communication	5762
2	FACTS And Power Quality	5704	2	1SEPS2 Generation Planning & Load Dispatch	5362	3	2ENTC3 Advanced Computer Networks & Programming	5763
3	Power System Lab.-II	5705	3	1SEPS3 Microcomputer & Microcontroller	5363	4	2ENTC4 RF & Mircrowave Circuit Design	5764
M.E. ELECTRICAL ENGG. (ELECTRICAL POWER SYSTEM) (P.T.) SEMESTER : SECOND			M.E. ELECTRICAL ENGINEERING (E.P.S.) (P.T.) SEMESTER : FOURTH (CGS)			5	2ENTC5 Mobile Computing	5765
1	Power System Dynamics	5643	1	2SEPS4 Computer Methods In Power System Analysis	5370	6	2ENTC5 Communication System Design	5766
2	Power System Dynamics	5643	2	2SEPS5 FACTS & Power Quality	5371	7	2ENTC5 Optical Networks	5767
3	Digital Signal Processing	5644						
4	Digital Signal Processing	5644						
5	Power System Lab.-I	5645						
6	Power System Lab.-I	5645						

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
M.E. ELECTRONICS & TELECOM. ENGG. (F.T.) SEMESTER : SECOND (CGS) (NEW)			M.E. ELECTRONICS (FULL-TIME) (OLD COURSE) SEMESTER : FIRST			M.E. ELECTRONICS ENGG. (DIGITAL ELECTRONICS) (F.T.) SEMESTER : FIRST		
8	2ENTC5 Speech & Audio Processing	5768	5	Laboratory-I	5184	13	Lab.-II	5046
9	2ENTC6 Lab-I (Based On 2ENTC2 & 2ENTC3)	5769	6	Laboratory-II	5185	14	Lab.-II	5046
10	2ENTC7 Lab.-II (Based On 2ENTC1 & 2ENTC4)	5770	M.E. ELECTRONICS (FULL-TIME) (OLD COURSE) SEMESTER : SECOND			M.E. ELECTRONICS ENGG. (DIGITAL ELECTRONICS) (F.T.) SEMESTER : SECOND		
M.E. ELECTRONICS & TELECOM. ENGG. (F.T.) SEMESTER : THIRD & FOURTH (CGS) (NEW)			1	Digital System Design	5365	1	Digital Image Processing	5662
1	3ENTC1 Seminar & Dissertation	5771	2	Digital Signal Processing	5366	2	Digital Image Processing	5662
2	4ENTC1 Seminar & Dissertation	5772	3	Computer Aided Analysis & Design	5367	3	VLSI Design Technology	5663
M.E. ELECTRONICS & TELECOMMUNICATION ENGG. (F.T.) SEMESTER : FIRST (CGS) (OLD)			4	Digital Communication	5368	4	VLSI Design Technology	5663
1	1ENTC1 Advanced Optical Communication	5421	5	Introduction To Microcontrollers	5369	5	Advanced Computer Networks And Programming	5664
2	1ENTC2 Random Processes	5422	6	Laboratory-III	5370	6	Advanced Computer Networks And Programming	5664
3	1ENTC3 Digital Communication Techniques	5423	M.E. ELECTRONICS (FULL-TIME) (OLD COURSE) SEMESTER : THIRD			7	Artificial Intelligent Systems	5665
4	1ENTC4 Digital Signal Processing & Applications	5424	1	Seminar	5534	8	Artificial Intelligent Systems	5665
5	1ENTC5 Real Time Embedded System	5425	2	Project (Defence Viva-Voce)	5535	9	Parallel Computing	5666
6	1ENTC5 Digital Data Compression	5426	M.E. ELECTRONICS ENGG. (DIG. ELECTRONICS) (F.T.) SEMESTER : THIRD & FOURTH (NEW)			10	Parallel Computing	5666
7	1ENTC5 Artificial Intelligence	5427	1	Dissertation And Seminar	5957	11	Lab. - III	5667
8	1ENTC5 Cryptography & Network Security	5428	2	Dissertation And Seminar	5958	12	Lab. - III	5667
9	1ENTC6 Lab-I (Based On 1ENTC1 & 1ENTC3)	5429	M.E. ELECTRONICS ENGG. (DIG. ELECTRONICS) (PART-TIME) SEMESTER : FIFTH & SIXTH			13	Lab. - IV	5668
10	1ENTC7 Lab.-I (Based On 1ENTC4)	5430	1	Seminar On Special Topic	5777	14	Lab. - IV	5668
M.E. ELECTRONICS & TELECOMMUNICATION ENGG. (F.T.) SEMESTER : SECOND (CGS) (OLD)			2	Seminar On Proposed Topic Of Dissertation	5778	M.E. ELECTRONICS ENGG. (DIGITAL ELECTRONICS) (F.T.) SEMESTER : THIRD & FOURTH		
1	2ENTC1 Adsorption Signal Processing	5431	3	Seminar After Completion Of Dissertation	5779	1	Seminar On Special Topic	5785
2	2ENTC1 Adaptive Signal Processing	5443	4	Dissertation & Viva-Voce	5780	2	Seminar On Proposed Topic Of Dissertaion	5786
3	2ENTC2 Wireless Communication	5432	M.E. ELECTRONICS ENGG. (DIGITAL ELECTRONICS) (P.T.) SEMESTER : FIFTH & SIXTH			3	Seminar After Completion Of Dissertation	5787
4	2ENTC3 Advance Computer Methods & Programming	5433	1	Seminar On Special Topic	5777	4	Dissertation & Viva-Voce	5788
5	2ENTC3 Advance Computer Networks & Programming	5444	2	Seminar On Proposed Topic Of Dissertation	5778	M.E. ELECTRONICS ENGG. (DIGITAL ELECTRONICS) (P.T.) SEMESTER : FIRST		
6	2ENTC4 RF & Microwave Circuit Design	5434	3	Seminar After Completion Of Dissertation	5779	1	Modern Electronic Design Techniques	5035
7	2ENTC5 Mobile Computing	5435	4	Dissertation & Viva-Voce	5780	2	Modern Electronic Design Techniques	5035
8	2ENTC5 Communication System Design	5436	M.E. ELECTRONICS ENGG. (DIGITAL ELECTRONICS) (F.T.) SEMESTER : FIRST			3	Embedded System Design	5036
9	2ENTC5 Optical Networks	5437	1	Modern Electronic Design Techniques	5040	4	Embedded System Design	5036
10	2ENTC5 Speech & Audio Processing	5438	2	Modern Electronic Design Techniques	5040	5	Digital Signal Processing & Applications	5037
11	2ENTC6 Lab.-I (Based On 2ENTC2 & 2ENTC3)	5439	3	Embedded System Design	5041	6	Digital Signal Processing & Applications	5037
12	2ENTC7 Lab.-I (Based On 2ENTC1 & 2ENTC4)	5440	4	Embedded System Design	5041	M.E. ELECTRONICS ENGG. (DIGITAL ELECTRONICS) (P.T.) SEMESTER : FOURTH		
M.E. ELECTRONICS (FULL-TIME) (OLD COURSE) SEMESTER : FIRST			5	Digital Communication Techniques	5042	1	Advanced Computer Networks & Programming	5774
1	Solid State Devices & IC Tech.	5180	6	Digital Communication Techniques	5042	2	Artificial Intelligent Systems	5775
2	Microprocessor & Microcomputers	5181	7	Digital Signal Processing And Applications	5043	3	Parallel Computing	5776
3	Digital Instrumentation	5182	8	Digital Signal Processing And Applications	5043	M.E. ELECTRONICS ENGG. (DIGITAL ELECTRONICS) (P.T.) SEMESTER : SECOND		
4	Computer Organization & Prog.	5183	9	Digital Instrumentation	5044	1	Digital Communication Techniques	5658
			10	Digital Instrumentation	5044	2	Digital Communication Techniques	5658
			11	Lab.-I	5045	3	Digital Instrumentation	5659
			12	Lab.-I	5045	4	Digital Instrumentation	5659
						5	Lab. - I	5660
						6	Lab. - I	5660
						7	Lab. - II	5661

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**M.E. ELECTRONICS ENGG.
(DIGITAL ELECTRONICS) (P.T.)
SEMESTER : SECOND**

8	Lab. - II	5661
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**M.E. ELECTRONICS ENGG.
(DIGITAL ELECTRONICS) (P.T.)
SEMESTER : THIRD**

1	Digital Image Processing	5770
2	VLSI Design Technology	5771
3	Lab.-III	5772
4	Lab.-IV	5773

**M.E. ELECTRONICS ENGG.
(DIGITAL ELECTRONICS)
(PART-TIME) SEMESTER :
FOURTH**

1	Advanced Computer Networks & Programming	5774
2	Artificial Intelligent Systems	5775
3	Parallel Computing	5776

**M.E. ELECTRONICS ENGG.
(DIGITAL ELECTRONICS)
(PART-TIME) SEMESTER :
THIRD**

1	Digital Image Processing	5770
2	VLSI Design Technology	5771
3	Lab.-III	5772
4	Lab.-IV	5773

**M.E. ELECTRONICS ENGG.
(DIGITAL ELECTRONICS)(FULL
TIME) SEMESTER: THIRD &
FOURTH**

1	Seminar On Special Topic	5785
2	Seminar On Proposed Topic Of Dissertaion	5786
3	Seminar After Completion Of Dissertation	5787
4	Dissertation & Viva-Voce	5788

**M.E. ELECTRONICS ENGG.(DIG.
ELECTRONICS)(P.T.)
SEMESTER : FIFTH & SIXTH
(NEW)**

1	Dissertation And Seminar	5911
2	Dissertation And Seminar	5912

**M.E. ENVIRONMENTAL
ENGINEERING (P.T.)
SEMESTER : FIRST (CGS)**

1	1SCEE1 Environmental Sciences & Chemistry	5301
2	1SCEE2 Environmental Microbiology	5302
3	1SCEE3 Environmental Sciences & Chemistry - Lab.	5303
4	1SCEE4 Environmental Microbiology - Lab.	5304

**M.E. ENVIRONMENTAL
ENGINEERING (P.T.)
SEMESTER : FOURTH (CGS)**

1	4SCEE1 Industrial Waste Water Treatment	5312
2	4SCEE2 Environmental Sanitation & Solid Waste Mngt	5313
3	4SCEE3 Hazardous Waste Mangement	5314
4	4SCEE3 Noise Pollution Control	5315
5	4SCEE3 Environmental Biotechnology	5316

**M.E. ENVIRONMENTAL
ENGINEERING (P.T.)
SEMESTER : FOURTH (CGS)**

6	4SCEE3 Remote Sensing & GIS In Env. Engg.	5317
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**M.E. ENVIRONMENTAL
ENGINEERING (P.T.)
SEMESTER : SECOND (CGS)**

1	2SCEE1 Watershed Management	5305
2	2SCEE2 Advanced Water Treatment	5306
3	2SCEE3 Advanced Waste Water Treatment	5307

**M.E. ENVIRONMENTAL
ENGINEERING (P.T.) SEMESTR
: THIRD (CGS)**

1	3SCEE1 Environmental Impact Assesement & Mngt.	5308
2	3SCEE2 Air Pollution & Control	5309
3	3SCEE3 Air Pollution & Control - Lab.	5310
4	3SCEE4 Design Problem - Lab.	5311

**M.E. ENVIRONMENTAL
ENGINNERING (P.T.)
SEMESTER : FIFTH & SIXTH
(CGS)**

1	5SCEE1 Seminar And Dissertation	5318
2	6SCEE1 Seminar And Dissertation	5319

**M.E. INFORMATION
TECHNOLOGY (F.T.)
SEMESTER : FIRST**

1	Operating System Configuration	6271
2	Database System Design	6272
3	Net Centric Computing	6273
4	Real Time Embedded System Design	6274
5	Software Engineering Methodologies	6275
6	Intelligent Systems	6276
7	Legal & Professional Ethics	6277
8	Lab.-I	6278
9	Lab.-II	6279

**M.E. INFORMATION
TECHNOLOGY (F.T.)
SEMESTER : FIRST (CGS)**

1	1NMEF1 Operating System Configuration	5241
2	1NMEF2 Database System Design	5242
3	1NMEF3 Net Centric Computing	5243
4	1NMEF4 Real Time Embeded System Design	5244
5	1NMEF5 Software Engineeing Methodologies	5245
6	1NMEF5 Intelligent Systems	5246
7	1NMEF5 Legal & Professional Ethics	5247
8	1NMEF6 Lab. - I	5248
9	1NMEF7 Lab. - II	5249

**M.E. INFORMATION
TECHNOLOGY (F.T.)
SEMESTER : SECOND**

1	Integrative Programming	6371
2	Digital Media Development	6372

**M.E. INFORMATION
TECHNOLOGY (F.T.)
SEMESTER : SECOND**

3	Information Technology Management	6373
4	Systems Security	6374
5	Software Testing	6375
6	Wireless Networks & Communication	6376
7	Data Warehousing & Data Mining	6377
8	Lab.-III	6378
9	Lab.-IV	6379

**M.E. INFORMATION
TECHNOLOGY (F.T.)
SEMESTER : SECOND (CGS)**

1	2NMEF1 Integrative Programming	5250
2	2NMEF2 Digital Medal Development	5251
3	2NMEF3 Information Technology Management	5252
4	2NMEF4 System Security	5253
5	2NMEF5 Software Testing	5254
6	2NMEF5 Wireless Networks & Communication	5255
7	2NMEF5 Data Warehousing & Data Mining	5256
8	2NMEF6 Lab.-III (based On 2NMEF1)	5257
9	2NMEF7 Lab.-IV (based On 2NMEF2 & 2NMEF4)	5258

**M.E. INFORMATION
TECHNOLOGY (F.T.)
SEMESTER : THIRD & FOURTH**

1	Dissertation & Seminar	6471
2	Dissertation & Seminar	6472

**M.E. INFORMATION
TECHNOLOGY (F.T.)
SEMESTER : THIRD & FOURTH
(CGS)**

1	3NMEF1 Seminar And Dissertation	5259
2	4NMEF1 Seminar And Dissertation	5260

**M.E. INFORMATION
TECHNOLOGY (P.T.)
SEMESTER : FIFTH & SIXTH
(CGS)**

1	5NMEP1 Seminar & Dissertation	5469
2	6NMEP1 Seminar & Dissertaion	5470

**M.E. INFORMATION
TECHNOLOGY (P.T.)
SEMESTER : FIRST (CGS)**

1	1NMEP1 Operating System Configuration	5451
2	1NMEP2 Database System Design	5452
3	1NMEP3 LAB-I (Based On 1NMEP1 & 1NMEP2)	5453

**M.E. INFORMATION
TECHNOLOGY (P.T.)
SEMESTER : FOURTH (CGS)**

1	4NMEP1 Integrative Programming	5464
2	4NMEP2 Software Testing	5465
3	4NMEP2 Wireless Networks & Communications	5466
4	4NMEP2 Data Warehousing & Data Mining	5467

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
M.E. INFORMATION TECHNOLOGY (P.T.) SEMESTER : FOURTH (CGS)			M.E. MECHANICAL ENGG. (ADV. MANUF. & MECH. SYS. DESIGN)(F.T.)SEM : FIRST(CGS)			M.E. MECHANICAL ENGG. (CAD/CAM) (FULL TIME) SEMESTER : SECOND		
5	4NMEP3 Lab.-IV (Based On 4NMEP1)	5468	10	1MMD6 Advanced Manufacturing Processes Lab	5530	5	Robotics And Robot Applications	5092
M.E. INFORMATION TECHNOLOGY (P.T.) SEMESTER : SECOND (CGS)			M.E. MECHANICAL ENGG. (ADV. MANUF. & MECH. SYST. DESIGN)(F.T.)SEM : SECOND (CGS)			M.E. MECHANICAL ENGG. (CAD/CAM) (FULL TIME) SEMESTER : THIRD & FOURTH		
1	2NMEP1 Digital Media Development	5454	11	1MMD7 Computer Aided Design & Engineering Lab	5531	6	Robotics And Robot Applications	5092
2	2NMEP2 Information Technology Management	5455	M.E. MECHANICAL ENGG. (ADV. MANUF. & MECH. SYST. DESIGN)(F.T.)SEM : SECOND (CGS)			7	Industrial Product Design	5093
3	2NMEP3 System Security	5456	1	2MMD1 Advanced Materials Technology	5532	8	Industrial Product Design	5093
4	2NMEP4 Lab.-II (Based On 2NMEP1 & 2NMEP2)	5457	2	2MMD2 Rapid Prototyping & Tooling	5533	9	Flexible Manufacturing System	5094
M.E. INFORMATION TECHNOLOGY (P.T.) SEMESTER : THIRD (CGS)			3	2MMD3 Mechatronics In System Design	5534	10	Flexible Manufacturing System	5094
1	3NMEP1 Net Centric Computing	5458	4	2MMD4 Experimental Stress Analysis	5535	11	Virtual Manufacturing	5095
2	3NMEP2 Real Time Embedded System Design	5459	5	2MMD5 Optimization Methods In Engg. Design	5536	12	Virtual Manufacturing	5095
3	3NMEP3 Software Engineering Methodologies	5460	6	2MMD5 Advanced Machine Tool Design	5537	M.E. MECHANICAL ENGG. (CAD/CAM) (FULL TIME) SEMESTER : THIRD & FOURTH		
4	3NMEP3 Intelligent Systems	5461	7	2MMD5 Total Quality Management	5538	1	Seminar	5805
5	3NMEP3 Legal & Professional Ethics	5462	8	2MMD5 Computer Assisted Production Management	5539	2	Seminar	5805
6	3NMEP4 Lab.-III (Based On 3NMEP1 & 3NMEP2)	5463	9	2MMD5 Cocurrent Engg. & Product Lifecycle Mngt.	5540	3	Project (Dissertation & Viva-Voce)	5806
M.E. MECH. ENGG. (ADV. MANUF. & MECH.SYST.DESIGN)(F.T.)SEM : THIRD & FOURTH(CGS)			10	2MMD6 Mechatronics In System Design - Lab.	5541	4	Project (Dissertation & Viva-Voce)	5806
1	3MMDS Seminar & Dissertation	5543	11	2MMD7 Experimental Stress Analysis - Lab.	5542	M.E. MECHANICAL ENGG. (T. P. E.) (P.T.) SEMESTER : FIFTH & SIXTH (NEW)		
2	4MMDP Seminar & Dissertation	5544	M.E. MECHANICAL ENGG. (CAD/CAM) (F.T.) SEMESTER : THIRD & FOURTH (NEW)			1	Dissertation And Seminar	5905
M.E. MECH. ENGG. (THERMAL POWER ENGG.) (PART-TIME) SEMESTER : FIFTH & SIXTH			1	Dissertation And Seminar	5953	2	Dissertation And Seminar	5906
1	Project & Seminar	5721	M.E. MECHANICAL ENGG. (CAD/CAM) (FULL TIME) SEMESTER : FIRST			M.E. MECHANICAL ENGG. (T.P.E.) (PART-TIME) SEMESTER : THIRD		
2	Dissertation & Viva-Voce	5722	1	Computer Aided Design	5080	1	Modern Energy Sources & Power Plant Economics	5631
M.E. MECH. ENGG. (THERMAL POWER ENGG.) (PART-TIME) SEMESTER : FOURTH			2	Computer Aided Design	5080	2	Heat Exchanger Design	5632
1	C.I. Engines	5715	3	Computer Aided Manufacturing	5081	3	S.I.Engines	5633
2	Advanced Air Conditioning	5716	4	Computer Aided Manufacturing	5081	4	Advanced Refrigeration	5634
3	Gas Turbines	5717	5	Computer Assisted Production Management	5082	M.E. MECHANICAL ENGG. (THERMAL ENGINEERING) (F.T) SEMESTER : FIRST (CGS)		
4	Cryogenics	5718	6	Computer Assisted Production Management	5082	1	1MTE1 Advanced Mathematics	5551
5	Lab. Practice-III	5719	7	Mechatronics	5083	2	1MTE2 Advanced Thermodynamics	5552
6	Seminar-II	5720	8	Mechatronics	5083	3	1MTE3 Fluid Dynamics	5553
M.E. MECHANICAL ENGG. (ADV. MANUF. & MECH. SYS. DESIGN)(F.T.)SEM : FIRST(CGS)			9	Concurrent Engineering	5084	4	1MTE4 Advanced Heat Transfer	5554
1	1MMD1 Advanced Manufacturing Processes	5521	10	Concurrent Engineering	5084	5	1MTE5 Waste Management & Energy Generation Systems	5555
2	1MMD2 Advanced Machine Design	5522	11	Engineering Experimental Techniques	5085	6	1MTE5 Energy Conservation & Power Plant Economics	5556
3	1MMD3 Computer Aided Design & Engineering	5523	12	Engineering Experimental Techniques	5085	7	1MTE5 Modern Energy Sources	5557
4	1MMD4 Design Of Material Handling Equipments	5524	13	Management Information System	5086	8	1MTE5 Environmental Pollution Control	5558
5	1MMD5 Reliability, Maintenance Management & Safety	5525	14	Management Information System	5086	9	1MTE6 Fluid Dynamics Labs	5559
6	1MMD5 New Product Design	5526	M.E. MECHANICAL ENGG. (CAD/CAM) (FULL TIME) SEMESTER : SECOND			10	1MTE7 Advanced Heat Transfer Lab	5560
7	1MMD5 Lean Manufacturing	5527	1	Finite Element Analysis	5090	M.E. MECHANICAL ENGG. (THERMAL ENGINEERING) (F.T) SEMESTER : SECOND (CGS)		
8	1MMD5 Design For Manufacturing & Assembly	5528	2	Finite Element Analysis	5090	1	2MTE1 Advanced Internal Combustion Engines	5561
9	1MMD5 Ergonomics Of Manufacturing	5529	3	Simulation Theory And Applications	5091	2	2MTE2 Advanced Refrigeration Engineering	5562
			4	Simulation Theory And Applications	5091	3	2MTE3 Research Methodology	5563
						4	2MTE4 Heat Exchanger Design	5564
						5	2MTE4 Advanced Air Conditioning Systems	5565

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**M.E. MECHANICAL ENGG.
(THERMAL ENGINEERING) (F.T)
SEMESTER : SECOND (CGS)**

6	2MTE4 Finite Element Methods	5566
7	2MTE4 Gas Turbine & Jet Propulsion	5567
8	2MTE5 Fuels & Combustion	5568
9	2MTE5 Solar Energy	5569
10	2MTE5 Mechatronics	5570
11	2MTE5 Computational Fluid Dynamics	5571
12	2MTE6 Advanced Internal Combustion Engines - Lab.	5572
13	2MTE7 Advanced Refrigeration Engineering - Lab.	5573

**M.E. MECHANICAL ENGG.
(THERMAL ENGINEERING) (F.T)
SEMESTER : THIRD &
FOURTH(CGS)**

1	3MTES Seminar & Dissertation	5574
2	4MTEP Seminar & Dissertation	5575

**M.E. MECHANICAL ENGG.
(THERMAL POWER ENGG.)
(P.T.) SEMESTER : FIFTH &
SIXTH**

1	Project & Seminar	5721
2	Dissertation	5722

**M.E. MECHANICAL ENGG.
(THERMAL POWER ENGG.)
(P.T.) SEMESTER : FIRST**

1	Advanced Mathematics	5016
2	Advanced Mathematics	5016
3	Advanced Thermodynamics	5017
4	Advanced Thermodynamics	5017
5	Fluid Dynamics	5018
6	Fluid Dynamics	5018

**M.E. MECHANICAL ENGG.
(THERMAL POWER ENGG.)
(P.T.) SEMESTER : FOURTH**

1	C.I. Engines	5715
2	Advanced Air Conditioning	5716
3	Gas Turbines	5717
4	Cryogenics	5718
5	Lab. Practice-II	5719

**M.E. MECHANICAL ENGG.
(THERMAL POWER ENGG.)
(P.T.) SEMESTER : SECOND**

1	Advanced Heat Transfer	5646
2	Advanced Heat Transfer	5646
3	Research Methodology	5647
4	Research Methodology	5647
5	Lab. Practice - I	5648
6	Lab. Practice - I	5648

**M.E. MECHANICAL ENGG.
(THERMAL POWER ENGG.)
(P.T.) SEMESTER : THIRD**

1	Modern Energy Sources & Power Plant Economics	5631
2	Heat Exchanger Design	5632
3	S.I.Engines	5633
4	Advanced Refrigeration	5634

**M.E. MECHANICAL
ENGINEERING (CAD/CAM) (F.T.)
SEMESTER : FIRST (CGS)**

1	1MCC1 Computer Aided Design	5121
2	1MCC2 Computer Aided Manufacturing	5122
3	1MCC3 Computer Assisted Production Management	5123
4	1MCC4 Mechatronics	5124
5	1MCC5 Concurrent Engineering	5125
6	1MCC5 Engineering Experimental Techniques	5126
7	1MCC5 Management Information Systems	5127
8	1MCC5 Optimization Techniques	5128
9	1MCC5 Design Of Manufact. Assembly & Environment	5129
10	1MCC6 Computer Aided Design - Lab.	5130
11	1MCC7 Computer Aided Manufacturing - Lab.	5131

**M.E. MECHANICAL
ENGINEERING (CAD/CAM) (F.T.)
SEMESTER : SECOND (CGS)**

1	2MCC1 Finite Element Analysis	5132
2	2MCC2 Simulation Theory & Applications	5133
3	2MCC3 Robotics & Robot Applications	5134
4	2MCC4 Industrial Product Design	5135
5	2MCC5 Flexible Manufacturing System	5136
6	2MCC5 Virtual Manufacturing	5137
7	2MCC5 Industrial Automation	5138
8	2MCC5 Rapid Prototyping & Tooling	5139
9	2MCC6 Finite Element Analysis - Lab.	5140
10	2MCC7 Simulation Theory & Applications - Lab.	5141

**M.E. MECHANICAL
ENGINEERING (CAD/CAM) (F.T.)
SEMESTER : THIRD & FOURTH
(CGS)**

1	3MCCS Seminar And Dissertation	5142
2	4MCCP Seminar And Dissertation	5143

**M.E. PRODUCTION ENGG.
(PROD.TECH. & MNGT.) (P.T.)
SEM. : FIFTH & SIXTH (CGS)**

1	5SPTM1 Seminar And Dissertation	5359
2	6SPTM1 Seminar And Dissertation	5360

**M.E. PRODUCTION
ENGINEERING (PROD.TECH. &
MNGT.) (P.T.) SEMESTER :
FIRST (CGS)**

1	1SPTM1 Advance Metal Cutting & Welding Technology	5341
2	1SPTM2 Advanced Metal Forming & Casting Technology	5342
3	1SPTM3 Adv. Metal Cutting & Welding Tech. - Lab.	5343
4	1SPTM4 Adv. Metal Forming & Casting Tech. - Lab.	5344

**M.E. PRODUCTION
ENGINEERING (PROD.TECH. &
MNGT.) (P.T.) SEMESTER :
FOURTH (CGS)**

**M.E. PRODUCTION
ENGINEERING (PROD.TECH. &
MNGT.) (P.T.) SEMESTER :
FOURTH (CGS)**

1	4SPTM1 Process Engineering	5352
2	4SPTM2 Research Methodology	5353
3	4SPTM3 Facility Planning	5354
4	4SPTM3 Maintenance & Reliability Engineering	5355
5	4SPTM3 Computers In Production Management	5356
6	4SPTM3 Plastic Technology	5357
7	4SPTM3 Product Design	5358

**M.E. PRODUCTION
ENGINEERING (PROD.TECH. &
MNGT.) (P.T.) SEMESTER :
SECOND (CGS)**

1	2SPTM1 Production Management	5345
2	2SPTM2 Productivity & Quality Management	5346
3	2SPTM3 Operation Research Techniques	5347

**M.E. PRODUCTION
ENGINEERING (PROD.TECH. &
MNGT.) (P.T.) SEMESTER :
THIRD (CGS)**

1	3SPTM1 Ergonomics	5348
2	3SPTM2 Computer Integrated Design & Manufacturing	5349
3	3SPTM3 Ergonomics - Lab.	5350
4	3SPTM4 Comp. Integrated Design & Manuf. - Lab.	5351

**M.E. PRODUCTION TECH. &
MANAGEMENT (P.T.)
SEMESTER : FIFTH & SIXTH
(NEW)**

1	Dissertation And Seminar	5907
2	Dissertation And Seminar	5908

**M.E. PRODUCTION TECH. &
MANAGEMENT (PART-TIME)
SEMESTER : FIFTH & SIXTH**

1	Seminar & Dissertation	5764
2	Seminar & Dissertation	5765

**M.E. PRODUCTION TECH. &
MANAGEMENT (PART-TIME)
SEMESTER : FOURTH**

1	Process Engineering	5757
2	Research Methodology	5758
3	Facility Planning	5759
4	Maintenancance & Reliability Engineering	5760
5	Computers In Production Management	5761
6	Plastic Technology	5762
7	Product Design	5763

**M.E. PRODUCTION TECH. &
MANAGEMENT (PART-TIME)
SEMESTER : THIRD**

1	Ergonomics	5755
2	Computer Integrated Design & Manufacturing	5756

**M.E. PRODUCTION
TECHNOLOGY &
MANAGEMENT (P.T.)
SEMESTER : FIFTH & SIXTH**

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M.E. PRODUCTION TECHNOLOGY & MANAGEMENT (P.T.) SEMESTER : FIFTH & SIXTH

1	Seminar & Dissertation	5764
2	Seminar & Dissertation	5765

M.E. PRODUCTION TECHNOLOGY & MANAGEMENT (P.T.) SEMESTER : FIRST

1	Advanced Metal Cutting & Welding Technology	5030
2	Advanced Metal Cutting & Welding Technology	5030
3	Advanced Metal Forming & Casting Technology	5031
4	Advanced Metal Forming & Casting Technology	5031

M.E. PRODUCTION TECHNOLOGY & MANAGEMENT (P.T.) SEMESTER : FOURTH

1	Process Engineering	5757
2	Research Methodology	5758
3	Facility Planning	5759
4	Maintenanace & Reliability Engineering	5760
5	Computers In Production Management	5761
6	Plastic Technology	5762
7	Product Design	5763

M.E. PRODUCTION TECHNOLOGY & MANAGEMENT (P.T.) SEMESTER : SECOND

1	Production Management	5655
2	Production Management	5655
3	Productivity And Quality Management	5656
4	Productivity And Quality Management	5656
5	Operation Research Techniques	5657
6	Operation Research Techniques	5657

M.E. PRODUCTION TECHNOLOGY & MANAGEMENT (P.T.) SEMESTER : THIRD

1	Ergonomics	5755
2	Computer Integrated Design & Manufacturing	5756

M.E. STRUCTURAL ENGINEERING (F.T.) SEMESTER : FIRST (CGS)

1	1SFSE1 Introduction To Earthquake Engineering	5101
2	1SFSE2 Theory Of Plates & Shells	5102
3	1SFSE3 Computer Methods Of Structural Analysis	5103
4	1SFSE4 Structural Dynamics	5104
5	1SFSE5 Earthquake Resi.design Of R. C. Structures	5105
6	1SFSE6 Earthquake Resi.desi.of R.C.Structures-Lab	5106
7	1SFSE7 Comp.Aided Analysis & Des.of Structures-Lab	5107

M.E. STRUCTURAL ENGINEERING (F.T.) SEMESTER : SECOND (CGS)

1	2SFSE1 Finite Element Method	5108
2	2SFSE2 Advanced Design Of Steel Structures	5109
3	2SFSE3 Repairs & Retrofitting Of Structures	5110
4	2SFSE4 Design Of Prestressed Concrete Structures	5111
5	2SFSE5 Structures & Foundation Design	5112
6	2SFSE5 Earthquake Resist. Design Of Bridges & Dams	5113
7	2SFSE5 Theory Of Elasticity & Stability	5114
8	2SFSE6 Advanced Design Of Steel Structures - Lab	5115
9	2SFSE7 Design Of Prest Concrete Structures - Lab.	5116

M.E. STRUCTURAL ENGINEERING (F.T.) SEMESTER : THIRD & FOURTH (CGS)

1	3SFSE1 Seminar And Dissertation	5117
2	4SFSE2 Seminar And Dissertation	5118

M.SC.(APPLIED ELECTRONICS) SEMESTER : FIRST (CBS)

1	Electrical Engineering&Network Analysis	6701
2	Electronic Devices&Circuits	6702
3	Object Oriented Programming C++	6703
4	Electric&Magnetic Fields	6704
5	Communication Skills	6705
6	Electrical Engineering&Network AnalysisLab	6706
7	Electroinc Devices&Circuits Laboratory	6707
8	Object Oriented Programming C++ Laboratory	6708
9	Communication Skills Laboratory	6709
10	Engineering Mathematics	6710
11	Embedded C	6711
12	Computer Organization&Architecture	6712
13	Fundamentals Of VLSI Technology	6713
14	Introduction To Lab Electronic Instruments	6714
15	Electronic Devices & Components	6715

M.SC.(APPLIED ELECTRONICS) SEMESTER : FIRST (CBS)(NEW)

1	Electrical Engineering&Network Analysis	6701
2	Electronic Devices&Circuits	6702
3	Object Oriented Programming C++	6703
4	Electric&Magnetic Fields	6704
5	Communication Skills	6705
6	Electrical Engineering&Network AnalysisLab	6706
7	Electroinc Devices&Circuits Laboratory	6707
8	Object Oriented Programming C++ Laboratory	6708

M.SC.(APPLIED ELECTRONICS) SEMESTER : FIRST (CBS)(NEW)

9	Communication Skills Laboratory	6709
10	Engineering Mathematics	6710
11	Embedded C	6711
12	Computer Organization&Architecture	6712
13	Fundamentals Of VLSI Technology	6713
14	Introduction To Lab Electronic Instruments	6714
15	Electronic Devices & Components	6715

M.SC.(APPLIED ELECTRONICS) SEMESTER : FOURTH (CBS)

1	Microwave Engineering	6771
2	Optical Fiber Communications	6772
3	Mobile Communications	6773
4	DSP With TMS	6774
5	Low Power VLSI Design	6775
6	Digital Image Processing With MATLAB	6776
7	Lab VIEW Based Instrumentation	6777
8	Smart Sensors	6778
9	Introduction To Nanotechnology	6779
10	Programmable Logic Controllers	6780
11	Robotics	6781
12	Microwave Engg.&Optical Fiber Comm.-Lab	6782
13	DSP With TMS - Lab	6783
14	Low Power VLSI Design - Lab	6784
15	Digital Image Processing With MATLAB-Lab	6785
16	Lab VIEW Based Instrumentation-Lab	6786
17	Project & Seminar	6787
18	Engineering Ethics	6788
19	ARM System Devlp.&Design	6789
20	CMOS VLSI Design	6790
21	Remote Sensing & GIS	6791

M.SC.(APPLIED ELECTRONICS) SEMESTER : SECOND (CBS)

1	Linear Integrated Circuits	6721
2	Communication Engineering	6722
3	Digital Integrated Circuits	6723
4	Microprocessor & Microcontroller	6724
5	Java	6725
6	PCB Design Using Or CAD	6726
7	Control Systems	6727
8	Bluetooth Application Programming With Java APIs	6728
9	Integrated Circuits Laboratory	6729
10	Java Laboratory	6736
11	PCB Design Using Or CAD Laboratory	6737
12	Control System Laboratory	6738
13	Bluetooth App.Prog.with Java APIs Laboratory	6739
14	Microprocessor & Microcontroller Laboratory	6730
15	Basic Electronics Workshop	6731

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**M.SC.(APPLIED ELECTRONICS)
SEMESTER : SECOND (CBS)**

16	Power Electronics	6732
17	Introduction To MATLAB	6733
18	Fundamentals Of Instrumentation & Measurement	6734
19	Computer Networks	6735

**M.SC.(APPLIED ELECTRONICS)
SEMESTER : SECOND
(CBS)(NEW)**

1	Linear Integrated Circuits	6721
2	Communication Engineering	6722
3	Digital Integrated Circuits	6723
4	Microporcessor & Microcontroller	6724
5	Java	6725
6	PCB Design Using Or CAD	6726
7	Control Systems	6727
8	Bluetooth Application Programming With Java APIs	6728
9	Electronic Instrumentation	6801
10	Integrated Circuits Laboratory	6729
11	Java Laboratory	6736
12	PCB Design Using Or CAD Laboratory	6737
13	Control System Laboratory	6738
14	Bluetooth App.Prog.with Java APIs Laboratory	6739
15	Microporcessor & Microcontroller Laboratory	6730
16	Basic Electronics Workshop	6731
17	Power Electronics	6732
18	Introduction To MATLAB	6733
19	Fundamentals Of Instrumentation & Measurement	6734
20	Computer Networks	6735
21	Enviroment Studies	6803
22	Introduction To MATLAB	6804

**M.SC.(APPLIED ELECTRONICS)
SEMESTER : THIRD (CBS)**

1	Digital Communications	6741
2	Digital Signal Processing	6742
3	VLSI Design	6743
4	Embedded System Design	6744
5	Visual Basic	6745
6	Oracle Essenstials	6746
7	Programing PIC Microcontrollers With MBasic	6747
8	Neural Networks & Pattern Recognition	6748
9	Database Management	6749
10	Web Engineering	6750
11	Six Sigma For Electronics Design&Manufacturing	6751
12	Digital Signal Processing - Lab	6752
13	Embedded System Design - Lab	6753
14	Visual Basic - Lab	6754
15	Oracle Essenstials - Lab	6755
16	Prog. PIC Microcontrollers With MBasic-Lab	6756

**M.SC.(APPLIED ELECTRONICS)
SEMESTER : THIRD (CBS)**

17	Project & Seminar	6757
18	Artificial Intelligence	6758
19	Human Computer Interaction	6759
20	Industrial Management	6760
21	IPR & Patents	6761
22	Industrial Visit/Tour	6762

**M.SC.(APPLIED ELECTRONICS)
SEMESTER-I(NEW)**

1	Electrical Engineering & Network Analysis	6601
2	Electronic Devices & Circuits-I	6602
3	Objected Oriented Programming In C++	6603
4	EMF	6604
5	Communication Engg.-I	6605
6	Prac. On Elect.Engg.&Network Ana.&Comm.Engg.-I	6606
7	Practicals On Electronic Devices & Circuits-I	6607
8	Practicals On Object Oriented Programming In C++	6608

**M.SC.(APPLIED ELECTRONICS)
SEMESTER-I(OLD)**

1	Electrical Engineering & Network Analysis	6551
2	Electronics Engineering-I	6552
3	Programming In C	6553
4	Engineering Electromagnetics	6554
5	Digital Integrated Circuits	6555
6	Practicals On Programming In C	6556
7	Practicals On Electro.Engg.-I&Digi.Inte.Circuits	6557

**M.SC.(APPLIED ELECTRONICS)
SEMESTER-II(NEW)**

1	Linear Integrated Circuits	6611
2	Microwave Engg.	6612
3	Communication Engg.-II	6613
4	Digital Integrated Ckts.	6614
5	Electronic Devices & Ckts. -II	6615
6	Practicals On LIC	6616
7	Practicals On Mcrowave Engg&Commu.Engg-II	6617
8	Practicals On DIC&EDC-II	6618

**M.SC.(APPLIED ELECTRONICS)
SEMESTER-II(OLD)**

1	Electronics Engineering-II	6561
2	Communication Engg.-I	6562
3	Object Oriented Programming(C++)	6563
4	Microprocessors & Their Applications	6564
5	Control Systems	6565
6	Practicals On Electro.Engg.-II & Comm.Engg-I	6566
7	Practicals On Obj.Ori.Prog.(C++)&Micro.&A ppli.	6567

**M.SC.(APPLIED ELECTRONICS)
SEMESTER-III(NEW)**

1	Wavelet Transforms & Applications	6620
2	Fuzzy Logic & Applications	6621

**M.SC.(APPLIED ELECTRONICS)
SEMESTER-III(NEW)**

3	Computer Networks	6641
4	Artificial Intelligence	6642
5	Computer Organisation & Architecture	6643
6	Computer Networks	6647
7	Artificial Intelligence	6648
8	Computer Organization & Architecture	6649
9	Control Systems	6622
10	Optical Fiber Communications	6623
11	Microprocessors & Interfacing	6624
12	Digital Signal Processing	6625
13	Practicals On Optical Fiber Communications	6626
14	Practicals On Microprocessors & Interfacing	6627
15	Practicals On Digital Signal Processing	6628

**M.SC.(APPLIED ELECTRONICS)
SEMESTER-III(OLD)**

1	Digital Computer Organization & Architecture	6571
2	Microwave Engineering	6572
3	Optical Fiber Communications	6573
4	Communication Engineering-II	6574
5	Advanced Microprocessors And Micro Controllers	6575
6	Pract.on Microwave Engg. & Optical Fiber Comm.	6576
7	Practicals On Advanced Micro.&Micro Controllers	6577

**M.SC.(APPLIED ELECTRONICS)
SEMESTER-IV(NEW)**

1	Neural Networks	6630
2	Digital Image Processing	6631
3	Introduction To Web Technologies And Web Security	6644
4	Mobile Computing	6645
5	Software Project Management	6646
6	VLSI Design	6632
7	Microcontroller & Applications	6633
8	DSP Processor And Applications	6634
9	Digital Communications	6635
10	Practicals On VLSI Design & Microcontroller&Appl.	6636
11	Practicals On DSP Processor & Appl.	6637
12	Project	6638
13	Seminar	6639

M.SC.(APPLIED ELECTRONICS)SEMESTER-IV(OLD)

1	Computer Networks	6581
2	Digital Communications	6582
3	Digital Signal Processing	6583
4	Satellite Communications	6584
5	Practicals On Digital Signal Processing	6585
6	Project	6586
7	Seminar	6587

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M.SC.FIRST YEAR PART-I(APPLIED ELECTRONICS)(OLD)

1	Electrical Engineering	6501
2	Network Analysis	6502
3	Electronics Devices And Linear Circuits	6503
4	Numerical Methods And Computer Programming	6504
5	Practical	6505
6	Practical	6506

M.SC.FIRST YEAR PART-I(APPLIED ELECTRONICS)(OLD)(IMPROVE MENT OF DIVISION)

1	Electrical Engineering	6501
2	Network Analysis	6502
3	Electronics Devices And Linear Circuits	6503
4	Numerical Methods And Computer Programming	6504
5	Practical	6505
6	Practical	6506

M.SC.FIRST YEAR PART-II(APPLIED ELECTRONICS)(OLD)

1	Instrumentation	6511
2	Digital Circuit	6512
3	Linear ICs And Their Applications	6513
4	Communication Electronics	6514
5	Practical	6515
6	Practical	6516

M.SC.FIRST YEAR PART-II(APPLIED ELECTRONICS)(OLD)(IMPROVE MENT OF DIVISION)

1	Instrumentation	6511
2	Digital Circuit	6512
3	Linear ICs And Their Applications	6513
4	Communication Electronics	6514
5	Practical	6515
6	Practical	6516

M.SC.SECOND YEAR PART-I(APPLIED ELECTRONICS)(OLD)

1	Control Systems	6521
2	Digital ICs And Their Applications	6522
3	Power Electronics	6523
4	Audio Electronics And T.V. Engineering	6524
5	Practical	6525
6	Practical	6526

M.SC.SECOND YEAR PART-I(APPLIED ELECTRONICS)(OLD)(IMPROVE MENT OF DIVISION)

1	Control Systems	6521
2	Digital ICs And Their Applications	6522
3	Power Electronics	6523
4	Audio Electronics And T.V. Engineering	6524
5	Practical	6525

M.SC.SECOND YEAR PART-I(APPLIED ELECTRONICS)(OLD)(IMPROVE MENT OF DIVISION)

6	Practical	6526
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M.SC.SECOND YEAR PART-II(APPLIED ELECTRONICS)(OLD)

1	Analog And Digital Computers	6531
2	Microprocessors And Their Applications	6532
3	Design Of Electronics Circuits	6533
4	Practical	6534
5	Project Viva-Voice	6535
6	Seminar	6536

M.SC.SECOND YEAR PART-II(APPLIED ELECTRONICS)(OLD)(IMPROVE MENT OF DIVISION)

1	Analog And Digital Computers	6531
2	Microprocessors And Their Applications	6532
3	Design Of Electronics Circuits	6533
4	Practical	6534
5	Project Viva-Voice	6535
6	Seminar	6536

M.TECH. (CHEM.TECH.) MEMBRANE & SEP. TECH. (F.T) SEMESTER : THIRD & FOURTH (CGS)

1	3MST1 Seminar And Dissertation	5208
2	4MST1 Seminar And Dissertation	5209

M.TECH. (CHEM.TECH.) MEMBRANE & SEPRATION TECH. (F.T.) SEMESTER : FIRST (CGS)

1	1MST1 Advances In Absorption & Adsorption Sep.Tec.	5191
2	1MST2 Membrane Separation Process	5192
3	1MST3 Chemical Engineering Analysis	5193
4	1MST4 Advanced Energy Technologies	5194
5	1MST5 Adv.in Absorption & Adsorption Sep.Tech.Lab.	5195
6	1MST6 Membrane Separation Process - Lab.	5196
7	1MST7 Seminar - I	5197

M.TECH. (CHEM.TECH.) MEMBRANE & SEPRATION TECH. (F.T.) SEMESTER : SECOND (CGS)

1	2MST1 Adv.Down. Tech. For Chem. Recov. & Waste Uti	5198
2	2MST2 Industrial Biotechnology	5199
3	2MST3 Advance Material Technology	5200
4	2MST3 Advance Surface Coating Technology	5201
5	2MST3 Speciality Plastics	5202
6	2MST3 Insulation Coating	5203
7	2MST4 Advance Reactor Design	5204
8	2MST5 Adv. Down. Tech.for Che.reco. & W.uti. -Lab.	5205

M.TECH. (CHEM.TECH.) MEMBRANE & SEPRATION TECH. (F.T.) SEMESTER : SECOND (CGS)

9	2MST6 Industrial Biotechnology - Lab.	5206
10	2MST7 Seminar - II	5207

M.TECH. (CHEMICAL ENGINEERING) (F.T.) SEMESTER : FIRST

1	Transport Phenomena	5966
2	Advanced Biochemical Engineering	5967
3	Process Control	5968
4	Mathematical Modelling & Organisation	5969
5	Advanced Chemical Analysis	5970
6	Material Science	5971
7	Pulp & Paper Technology	5972

M.TECH. (CHEMICAL ENGINEERING) (F.T.) SEMESTER : SECOND

1	Chemical Reaction Engineering	5976
2	Advanced Separation Techniques	5977
3	Process Design & Plant Utilities	5978
4	Energy Technology & Conservation	5979
5	Environmental Engineering & Waste Management	5980
6	Nanotechnology	5981
7	Chemoinformatics	5982

M.TECH. (CHEMICAL ENGINEERING) (F.T.) SEMESTER : THIRD & FOURTH

1	Dissertation & Seminar	5986
2	Dissertation & Seminar	5987

M.TECH. CHEM.TECH.(MEMBRANE & SEPARATION TECH.) (F.T.) SEMESTER : THIRD & FOURTH

1	Seminar-III	5810
2	Project/Dissertation Vive-Voce	5811

M.TECH. CHEM.TECH.(MEMBRANE & SEPARATION TECH.)(F.T.)SEMESTER : FIRST

1	Advances In Absorption & Adsorption Separation Tech	5601
2	Membrane Separation Process	5602
3	Chemical Engineering Analysis	5603
4	Advanced Energy Technologies	5604
5	Seminar - I	5605

M.TECH. CHEM.TECH.(MEMBRANE & SEPARATION TECH.)(F.T.)SEMESTER : SECOND

1	Adv.Downstream Tech.for Chem.Recovery & W.U.	5611
2	Industrial Biotechnology	5612
3	Advanced Material Technology	5613
4	Advanced Reactor Design	5614

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M.TECH. CHEM.TECH.(MEMBRANE & SEPARATION TECH.)(F.T.)SEMESTER : SECOND

5	Seminar - II	5615
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M.TECH. CHEMICAL ENGINEERING (F.T.) SEMESTER : FIRST (CGS)

1	1CE1 Transport Phenomena	5211
2	1CE2 Advanced Biochemical Engineering	5212
3	1CE3 Process Control	5213
4	1CE4 Mathematical Modelling & Optimization	5214
5	1CE5 Advanced Chemical Analysis	5215
6	1CE5 Material Science	5216
7	1CE5 Pulp & Paper Technology	5217
8	1CE5 Chemical Process Intensification	5218
9	1CE6 Transport Phenomena - Lab.	5219
10	1CE7 Advanced Biochemical Engineering - Lab.	5220

M.TECH. CHEMICAL ENGINEERING (F.T.) SEMESTER : SECOND (CGS)

1	2CE1 Chemical Reaction Engineering	5221
2	2CE2 Advanced Separation Techniques	5222
3	2CE3 Process Design & Plant Utilities	5223
4	2CE4 Energy Technology & Conservation	5224
5	2CE5 Environmental Engineering & Waste Management	5225
6	2CE5 Nano Technology	5226
7	2CE5 Chemoinformatics	5227
8	2CE5 Computational Fluid Dynamics	5228
9	2CE6 Chemical Reaction Engineering - Lab.	5229
10	2CE7 Advanced Separation Techniques - Lab.	5230

M.TECH. CHEMICAL ENGINEERING (F.T.) SEMESTER : THIRD & FOURTH (CGS)

1	3CE1 Seminar And Dissertation	5231
2	4CE1 Seminar And Dissertation	5232

M.TECH. MECHANICAL ENGG. (THERMAL ENGG.) (F.T.) SEMESTER : THIRD & FOURTH (NEW)

1	Dissertation And Seminar	5961
2	Dissertation And Seminar	5962

M.TECH. MECHANICAL ENGG. (THERMAL ENGG.) (FULL TIME) SEMESTER : FIRST

1	Advanced Mathematics	5621
2	Advanced Mathematics	5621
3	Advanced Thermodynamics	5622
4	Advanced Thermodynamics	5622
5	Fluid Dynamics	5623
6	Fluid Dynamics	5623

M.TECH. MECHANICAL ENGG. (THERMAL ENGG.) (FULL TIME) SEMESTER : FIRST

7	Advanced Heat Transfer	5624
8	Advanced Heat Transfer	5624
9	Research Methodology	5625
10	Research Methodology	5625
11	Lab. Practice - I	5626
12	Lab. Practice - I	5626

M.TECH. MECHANICAL ENGG. (THERMAL ENGG.) (FULL TIME) SEMESTER : SECOND

1	Modern Energy Sources & Power Plant Economics	5631
2	Modern Energy Sources & Power Plant Economics	5631
3	Heat Exchanger Design	5632
4	Heat Exchanger Design	5632
5	S.I.Engines	5633
6	S.I.Engines	5633
7	Advanced Refrigeration	5634
8	Advanced Refrigeration	5634
9	C.I.Engines	5635
10	C.I.Engines	5635
11	Advanced Air Conditioning	5636
12	Advanced Air Conditioning	5636
13	Gas Turbines	5637
14	Gas Turbines	5637
15	Cryogenics	5638
16	Cryogenics	5638
17	Lab.Practice - II	5639
18	Lab.Practice - II	5639

M.TECH. MECHANICAL ENGG. (THERMAL ENGG.) (FULL TIME) SEMESTER : THIRD & FOURTH

1	Seminar	5815
2	Seminar	5815
3	Dissertaion & Viva-Voce	5816
4	Dissertaion & Viva-Voce	5816

M.TECH.CHEM.TECH.(MEM. & SEP. TECH.) (F.T.) SEMESTER : THIRD & FOURTH (NEW)

1	Dissertation And Seminar	5959
2	Dissertation And Seminar	5960

M.TECH.CHEM.TECH.(MEMBRANE & SEPARATION TECH.)(F.T.)SEMESTER : FIRST

1	Advances In Absorption & Adsorption Separation Tech	5601
2	Membrane Separation Process	5602
3	Chemical Engineering Analysis	5603
4	Advanced Energy Technologies	5604
5	Seminar - I	5605

M.TECH.CHEM.TECH.(MEMBRANE & SEPARATION TECH.)(F.T.)SEMESTER : SECOND

1	Adv.Downstream Tech.for Chem.Recovery & W.U.	5611
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M.TECH.CHEM.TECH.(MEMBRANE & SEPARATION TECH.)(F.T.)SEMESTER : SECOND

2	Industrial Biotechnology	5612
3	Advanced Material Technology	5613
4	Advanced Reactor Design	5614
5	Seminar - II	5615

M.TECH.CHEM.TECH.(MEMBRANE & SEPARATION TECH.)(F.T.)SEMESTER : THIRD & FOURTH

1	Seminar-III	5810
2	Project/Dissertation Vive-Voce	5811

MASTER IN COMPUTER APPLICATION FIRST YEAR PART-I

1	Computer Organisation	7501
2	Object Oriented Programming	7502
3	Business Data Processing	7503
4	System Analysis & Design	7504
5	System Software	7505
6	Computer Laboratory	7506

MASTER IN COMPUTER APPLICATION FIRST YEAR PART-I (IMPROVEMENT OF DIVISION)

1	Computer Organisation	7501
2	Object Oriented Programming	7502
3	Business Data Processing	7503
4	System Analysis & Design	7504
5	System Software	7505
6	Computer Laboratory	7506

MASTER IN COMPUTER APPLICATION FIRST YEAR PART-II

1	Business Computing	7507
2	Java Programming	7508
3	Visual Computing	7509
4	Data Communication & Networking	7510
5	Project & Seminar	7511

MASTER IN COMPUTER APPLICATION FIRST YEAR SEMESTER : FIRST (CGS)

1	1MCA1 Computer Organization	7811
2	1MCA2 Problem Solving Using C ++	7812
3	1MCA3 Computer Oriented Statistical Methods	7813
4	1MCA4 Principles Of Management	7814
5	1MCA5 Communication Skills	7815
6	1MCA6 Problem Solving Using C++ - Lab.	7816
7	1MCA7 Computer Oriented Statistical Methods - Lab.	7817
8	1MCA8 Communication Skills - Lab.	7818
9	1MCA9 Computer Lab.-I	7819

MASTER IN COMPUTER APPLICATION FIRST YEAR SEMESTER : SECOND (CGS)

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
MASTER IN COMPUTER APPLICATION FIRST YEAR SEMESTER : SECOND (CGS)			MASTER IN COMPUTER APPLICATION SECOND YEAR SEMESTER : FIRST (CGS)			MASTER IN COMPUTER APPLICATION THIRD YEAR PART-II		
1	2MCA1 Data Structures & Algorithms	7821	9	3MCA9 Computer Lab-III	7839	2	Seminar	7711
2	2MCA2 Object Oriented Programming	7822	MASTER IN COMPUTER APPLICATION SECOND YEAR SEMESTER : SECOND (CGS)			MASTER IN COMPUTER APPLICATION THIRD YEAR SEMESTER : FIRST (CGS)		
3	2MCA3 System Analysis & Design	7823	1	4MCA1 Database Management Systems	7840	1	5MCA1 Artificial Intelligence	7851
4	2MCA4 Data Communication	7824	2	4MCA2 Client Server Computing	7841	2	5MCA2 Software Project Management	7852
5	2MCA5 Business Systems	7825	3	4MCA3 Multimedia Technologies	7842	3	5MCA3 System Administration & Security	7853
6	2MCA6 Data Structure & Algorithms - Lab.	7826	4	4MCA4 Electronic Commerce	7843	4	5MCA4 Management Information System	7854
7	2MCA7 Object Oriented Programming - Lab.	7827	5	4MCA5 Computer Graphics	7844	5	5MCA5 Data Warehousing	7855
8	2MCA8 System Analysis & Design - Lab.	7828	6	4MCA5 Modelling & Simulation	7845	6	5MCA5 Bioinformatics	7856
9	2MCA9 Computer Lab. - II	7829	7	4MCA6 Database Management Systems - Lab.	7846	7	5MCA6 Artificial Intelligence - Lab.	7857

MASTER IN COMPUTER APPLICATION SECOND YEAR PART-I		
1	Operations Research	7601
2	Assembly Language Programming	7602
3	Computer Graphics	7603
4	Computer Networks	7604
5	Data Base Management Systems	7605
6	Computer Laboratory	7606

MASTER IN COMPUTER APPLICATION SECOND YEAR PART-I (IMPROVEMENT OF DIVISION)		
1	Operations Research	7601
2	Assembly Language Programming	7602
3	Computer Graphics	7603
4	Computer Networks	7604
5	Data Base Management Systems	7605
6	Computer Laboratory	7606

MASTER IN COMPUTER APPLICATION SECOND YEAR PART-II		
1	Operating Systems Design	7607
2	Design Of Multimedia Applications	7608
3	Modelling & Simulation	7609
4	Client/Server Computing	7610
5	Software Engineering	7611
6	Project/Seminar	7612

MASTER IN COMPUTER APPLICATION SECOND YEAR SEMESTER : FIRST (CGS)		
1	3MCA1 Operating System	7831
2	3MCA2 File Structure & Data Processing	7832
3	3MCA3 Java Programming	7833
4	3MCA4 Computer Networks	7834
5	3MCA5 Computer Oriented Optimization Techniques	7835
6	3MCA6 File Structure & Data Processing - Lab.	7836
7	3MCA7 Java Programming - Lab.	7837
8	3MCA8 Comp.Oriented Optimization Techniques - Lab.	7838

8	4MCA7 Client Server Computing - Lab.	7847
9	4MCA8 Multimedia Technologies - Lab.	7848
10	4MCA9 Electronic Commerce - Lab.	7849
11	4MCA10 Seminar	7850

MASTER IN COMPUTER APPLICATION THIRD YEAR PART-I		
1	Work Flow Automation	7701
2	Electronic Commerce	7702
3	Web Publishing	7703
4	Artificial Intelligence	7704
5	Image Processing	7705
6	Computer Vision	7706
7	Parallel Computing	7707
8	Component Based Computing	7708
9	Computer Laboratory	7709

MASTER IN COMPUTER APPLICATION THIRD YEAR PART-I (IMPROVEMENT OF DIVISION)		
1	Work Flow Automation	7701
2	Electronic Commerce	7702
3	Web Publishing	7703
4	Artificial Intelligence	7704
5	Component Based Computing	7708
6	Computer Laboratory	7709

MASTER IN COMPUTER APPLICATION THIRD YEAR PART-I (OLD)		
1	Database Management Techniques	7801
2	Computer Networks	7802
3	Modelling & Simulation	7803
4	Managerial Economics	7804
5	Software Project Management	7805
6	Artificial Intelligence	7806
7	Computer Lab.-I	7807
8	Computer Lab.-II	7808

MASTER IN COMPUTER APPLICATION THIRD YEAR PART-II		
1	Project	7710

MASTER IN COMPUTER APPLICATION THIRD YEAR SEMESTER : SECOND (CGS)		
1	6MCA1 Project & Dissertation	7861

MASTER IN COMPUTER APPLICATIONS FIRST YEAR SEMESTER - I		
1	Computer Organisation	7512
2	Problem Solving Using C++	7513
3	Computer Oriented Statistical Methods	7514
4	Principles Of Management	7515
5	Communication Skills	7516
6	Computer Lab.-I	7517

MASTER IN COMPUTER APPLICATIONS FIRST YEAR SEMESTER - II		
1	Data Structures & Algorithms	7518
2	Object Oriented Programming	7519
3	Systems Analysis & Design Methods	7520
4	Data Communications	7521
5	Business Systems	7522
6	Computer Lab.-II	7523

MASTER IN COMPUTER APPLICATIONS SECOND YEAR SEMESTER - I		
1	Operating Systems	7524
2	File Structures & Data Processing	7525
3	Java Programming	7526
4	Computer Networks	7527
5	Computer Oriented Optimization Techniques	7528
6	Computer Lab.-III	7529

MASTER IN COMPUTER APPLICATIONS SECOND YEAR SEMESTER - II		
1	Database Management Systems	7530
2	Client Server Computing	7531
3	Multimedia Technologies	7532

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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MASTER IN COMPUTER APPLICATIONS SECOND YEAR SEMESTER - II

4	Electronics Commerce	7533
5	Computer Graphics	7534
6	Modelling & Simulation	7535
7	Seminar	7536

MASTER IN COMPUTER APPLICATIONS THIRD YEAR SEMESTER - I

1	Artificial Intelligence	7537
2	Software Project Management	7538
3	System Administration & Security	7539
4	Management Information System	7540
5	Date Warehousing & Data Mining	7541
6	Bioinformatics	7542
7	Mini Project	7543

P. G. DIPLOMA IN E-LEARNING & M-LEARNING SEMESTER-I (ONE YEAR COURSE)(CBS)

1	Technology For Education	7101
2	Digital Communication & Networking	7102
3	Digital Systems & MP	7103
4	Embedded Systems	7104
5	Client Server Computing	7105
6	System Analysis , Design&Software Engg.	7106
7	Lab-I : Programming	7107
8	Lab-II : Operative Systems	7108
9	Lab-III : Web Technology	7109
10	Lab IV : Mobile Technology-I	7110
11	LAB-V : Visual Technology	7111
12	Lab VI : Open Source	7112

P. G. DIPLOMA IN E-LEARNING & M-LEARNING SEMESTER-II (ONE YEAR COURSE)(CBS)

1	Mobile Communication	7115
2	Multimedia Techniques	7116
3	Windows Programming	7117
4	Advance Computer Networks	7118
5	Microprocessor Programming& Interfacing	7119
6	Software Project Management	7120
7	Lab-VII : Database Technology	7121
8	Lab-VIII : Advance Web Programming	7122
9	Lab : IX : Mobile Technology-II	7123
10	Lab-X : Multimedia Technology	7124
11	Lab XI : Web Server & Administration	7125
12	Project	7126
13	Seminar	7127

POST GRADUATE DIPLOMA IN COMPUTER SCIENCE PART-I

1	Computer Organisation	7001
2	Object Orient Programming	7002
3	Business Data Processing	7003

POST GRADUATE DIPLOMA IN COMPUTER SCIENCE PART-I

4	System Analysis And Design	7004
5	System Software	7005
6	Computer Laboratory	7006

POST GRADUATE DIPLOMA IN COMPUTER SCIENCE PART-I(OLD COURSE)

1	Computer Porgramming	7021
2	Microprocessor And Peroipherals	7022
3	COBOL & Business Data Processing	7023
4	Computer Oriented Numerical & Statistical Methods	7024
5	Computer Laboratory-I	7025

POST GRADUATE DIPLOMA IN COMPUTER SCIENCE PART-II

1	Business Computing	7007
2	Java Programming	7008
3	Visual Computing	7009
4	Data Communication And Networking	7010
5	Project/Seminar	7011

POST GRADUATE DIPLOMA IN COMPUTER SCIENCE SEMESTER - I (CGS)

1	1CS1/1MCA1 Computer Organisation	7051
2	1CS2/1MCA2 Problem Solving Using C++	7052
3	1CS3/1MCA3 Computer Oriented Statistical Methods	7053
4	1CS4/1MCA4 Principles Of Management	7054
5	1CS5/1MCA5 Communication Skills	7055
6	1CS6/1MCA6 Problem Solving C++ - Lab.	7056
7	1CS7/1MCA7 Comp. Oriented Statistical Methods- Lab.	7057
8	1CS8/1MCA8 Communication Skills - Lab.	7058
9	1CS9/1MCA9 Computer Lab-I	7059

POST GRADUATE DIPLOMA IN COMPUTER SCIENCE SEMESTER -II (CGS)

1	2CS1/2MCA1 Data Structure & Algorithms	7061
2	2CS2/2MCA2 Object Oriented Programming	7062
3	2CS3/2MCA3 System Analysis & Design	7063
4	2CS4/2MCA4 Data Communication	7064
5	2CS5 Business Computing	7065
6	2CS6/2MCA6 Data Structures & Algorithms - Lab.	7066
7	2CS7/2MCA7 Object Oriented Programming - Lab.	7067
8	2CS8/2MCA8 System Analysis & Design - Lab.	7068
9	2CS9/2MCA9 Business Computing - Lab.	7069
10	2CS10 Project	7070

POST GRADUATE DIPLOMA IN COMPUTER SCIENCE SEMESTER-I

1	Computer Organisation	7031
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POST GRADUATE DIPLOMA IN COMPUTER SCIENCE SEMESTER-I

2	Problem Solving Using C++	7032
3	Computer Oriented Statistical Methods	7033
4	Principles Of Management	7034
5	Communication Skills	7035
6	Computer Lab.-I	7036

POST GRADUATE DIPLOMA IN COMPUTER SCIENCE SEMESTER-II

1	Data Structures & Algorithms	7041
2	Object Oriented Programming	7042
3	Systems Analysis & Design Methods	7043
4	Data Communications	7044
5	Business Computing	7045
6	Project	7046

SECOND YEAR B.E. CHEMICAL ENGINEERING

1	Chemical Technology-I (PHYSICAL)	2081
2	Chemical Technology-II(INORGANIC)	2082
3	Chemical Technology-III(ORGANIC)	2083
4	Strength Of Materials	2084
5	Appl.ied Thermodynamics & Plant Utilities	2085
6	Engineering Drawing-II	2086
7	Applied Mathematics-III	2087
8	Mechanical Operations	2088
9	Process Calculations	2089
10	Mechanical Technology	2090

SECOND YEAR B.E. CIVIL ENGINEERING

1	Mathematics-III	2001
2	Strength Of Material	2002
3	Surveying-I	2003
4	Building Construction	2004
5	Geology & Engineering Materials	2005
6	Social Science & Engg. Economics	2006
7	Fluid Mechanics-I	2007
8	Transportation Engineering-I	2008
9	Hydrology & Irrigation Engineering-I	2009
10	Reinforced Cement Concrete-I	2010

SECOND YEAR B.E. COMPUTER SCIENCE & ENGINEERING

1	Mathematics-III	2061
2	Computer Oriented Numerical Methods	2062
3	Programming Methodology	2063
4	Discrete Structures	2064
5	Electronic Devices & Circuits	2065
6	Data Structures	2066
7	Instrumentation & Drives	2067
8	Analog & Digital ICs	2068

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**SECOND YEAR B.E.
COMPUTER SCIENCE &
ENGINEERING**

9	Assembly Language Programming	2069
10	Statistical Methods	2070
11	Computer Lab	2071

**SECOND YEAR B.E.
ELECTRICAL (ELECTRONICS &
POWER) ENGINEERING**

1	Mathematics-III	2031
2	Thermal Power Engineering	2032
3	Physics Of Electrical Engineering Materials	2033
4	Electrical Measurement & Measuring Instruments	2034
5	Electronics Devices & Circuits	2035
6	Electric & Magnetic Fields	2036
7	Fluid Mechanics & Machinery	2037
8	Network Analysis	2038
9	Analog & Digital Circuits	2039
10	Electrical Machines-I	2040

**SECOND YEAR B.E.
ELECTRONICS &
TELECOMMUNICATION
ENGINEERING**

1	Mathematics-III	2041
2	Instrumentation	2042
3	Electrical Engineering-II	2043
4	Communication Theory	2044
5	Electronic Devices & Circuits	2045
6	Electric & Magnetic Fields	2046
7	Communication Engineering-I	2047
8	Network Analysis	2048
9	Electronic Devices Technology	2049
10	Electronic Workshop-II	2050

**SECOND YEAR B.E.
INDUSTRIAL ELECTRONICS
ENGINEERING**

1	Mathematics-III	2041
2	Instrumentation	2042
3	Electrical Engineering-II	2043
4	Communication Theory	2044
5	Electronic Devices & Circuits	2045
6	Electric & Magnetic Fields	2046
7	Communication Engineering-I	2047
8	Network Analysis	2048
9	Electronic Devices Technology	2049
10	Electronic Workshop-II	2050

**SECOND YEAR B.E.
INSTRUMENTATION
ENGINEERING**

1	Mathematics-III	2091
2	Industrial Instrumentation	2092
3	Electrical Machines	2093
4	Programming Practice-I	2094
5	Electronics Devices & Circuits	2095
6	Transducers & Signal Conditioners	2096

**SECOND YEAR B.E.
INSTRUMENTATION
ENGINEERING**

7	Materials & Processes	2097
8	Network Analysis	2098
9	Thermal & Fluid Power Engineering	2099
10	Workshop Technology	2100

**SECOND YEAR B.E.
MECHANICAL ENGINEERING**

1	Mathematics-III	2011
2	Mechanics Of Materials	2012
3	Fluid Power-I	2013
4	Engineering Thermodynamics	2014
5	Manufacturing Process-I	2015
6	Basic Electrical Drives & Control	2016
7	Engineering Metallurgy	2017
8	Energy Conversion-I	2018
9	Manufacturing Process-II	2019
10	Machine Drawing	2020

**SECOND YEAR B.E. PART TIME
(CIVIL ENGINEERING) (NEW1)**

1	Fluid Mechanics - I	6051
2	Surveying - II	6052
3	Structural Design - I	6053
4	Soil Engineering	6054
5	Building Design & Drawing	6055
6	Transportation Engineering - I	6056
7	Hydrology & Irrigation Engg.- I	6057
8	Computer Applications & Computer Aided Drafting	6058

**SECOND YEAR B.E. PART TIME
(CIVIL ENGINEERING) (NEW2)**

1	Fluid Mechanics-I	6060
2	Surveying-II	6061
3	Structural Design-I	6062
4	Geotechnical Engineering	6063
5	Building Design & Drawing	6064
6	Transportation Engineering-I	6065
7	Water Resources Engineering-I	6066
8	Theory Of Structures-I	6067
9	Minor Project	6068

**SECOND YEAR B.E. PART-I
CIVIL/CONSTRUCTION
TECHNOLOGY**

1	Mathematics-III	2001
2	Strength Of Material	2002
3	Surveying-I	2003
4	Building Construction	2004
5	Geology & Engineering Materials	2005

**SECOND YEAR B.E. PART-I
COMPUTER ENGINEERING
(NEW)**

1	Mathematics-III	2061
2	Physics Of Electrical Engg. Materials	2172
3	Computer Fundamentals	2173

**SECOND YEAR B.E. PART-I
COMPUTER ENGINEERING
(NEW)**

4	Electronic Devices & Circuits	2065
5	Communication Theory	2044
6	Computer Oriented Numerical Methods	2062

**SECOND YEAR B.E. PART-I
COMPUTER SCIENCE &
ENGINEERING (NEW1)**

1	Mathematics-III	2061
2	Computer Oriented Numerical Methods	2062
3	Programming Methodology	2063
4	Discrete Structures	2064
5	Electronic Devices & Circuits	2065
6	Computer Laboratory-I	2171

**SECOND YEAR B.E. PART-I
ELECTRONICS &
TELECOMMUNICATION(NEW1)**

1	Mathematics-III	2041
2	Instrumentation	2042
3	Electrical Engineering-II	2043
4	Communication Theory	2044
5	Electronic Devices & Circuits	2045
6	Electronics Workshop-I	2150

**SECOND YEAR B.E. PART-I
MECHANICAL
ENGINEERING(NEW1)**

1	Mathematics-III	2011
2	Mechanics Of Materials	2012
3	Fluid Power-I	2013
4	Engineering Thermodynamics	2014
5	Manufacturing Process-I	2015

**SECOND YEAR B.E. PART-II
CIVIL/CONSTRUCTION
TECHNOLOGY**

1	Social Science & Engg. Economics	2006
2	Fluid Mechanics-I	2007
3	Theory Of Structure-I	2208
4	Surveying-II	2209
5	Reinforced Cement Concrete-I	2010

**SECOND YEAR B.E. PART-II
COMPUTER ENGINEERING
(NEW)**

1	Mathematics-IV	2271
2	Electrical Machines-I	2040
3	Network Analysis	2048
4	Instrumentation	2272
5	Social Science	2273
6	Computer Organisation & Programming	2274

**SECOND YEAR B.E. PART-II
COMPUTER SCIENCE &
ENGINEERING (NEW1)**

1	Statistical Methods	2070
2	Instrumentation & Drives	2067
3	Analog & Digital ICs	2068
4	Assembly Language Programming	2270

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**SECOND YEAR B.E. PART-II
COMPUTER SCIENCE &
ENGINEERING (NEW1)**

5	Data Structures	2066
6	Computer Lab	2071

**SECOND YEAR B.E. PART-II
ELECTRONICS &
TELECOMMUNICATION(NEW1)**

1	Mathematics-IV	3034
2	Electric & Magnetic Fields	2046
3	Communication Engineering-I	2047
4	Network Analysis	2048
5	Electronic Devices Technology	2049
6	Electronic Workshop-II	2050

**SECOND YEAR B.E. PART-II
MECHANICAL
ENGINEERING(NEW1)**

1	Mathematics-IV	2211
2	Engineering Metallurgy	2017
3	Energy Conversion-I	2018
4	Manufacturing Process-II	2019
5	Machine Drawing	2020

**SECOND YEAR B.E. PART-TIME
(CIVIL ENGINEERING) (NEW)**

1	Fluid Mechanics - I	6051
2	Surveying - II	6052
3	Structural Design - I	6053
4	Soil Engineering	6054
5	Building Design & Drawing	6055
6	Transportation Engineering - I	6056
7	Hydrology & Irrigation Engg.- I	6057
8	Numerical Methods & Computer Programming	6059

**SECOND YEAR B.E.
PRODUCTION ENGINEERING**

1	Applied Mathematics-III	2021
2	Mechanics Of Material	2022
3	Fluid Power & Systems	2023
4	Thermal Power Engineering	2024
5	Manufacturing Process-I	2025
6	Basic Electrical Drives & Control	2026
7	Engineering Metallurgy	2027
8	Computer Programming	2028
9	Manufacturing Process-II	2029
10	Machine Drawing	2030

**SECOND YEAR B.TECH.
(FOOD/PULP & PAPER/OIL &
PAINT/PETROCHEMICAL
TECHNOLOGY)**

1	Applied Mathematics-II	8031
2	Applied Physical Chemistry-II	8032
3	Strength Of Material	8033
4	Applied Thermodynamics	8034
5	Process Calculations	8035
6	Special Technology-I	8036
7	Electrical Technology	8037

**SECOND YEAR B.TECH.
(FOOD/PULP & PAPER/OIL &
PAINT/PETROCHEMICAL
TECHNOLOGY)**

8	Machine Design & Drawing	8038
9	Material Technology	8039
10	Fluid Flow Operation	8040

**SECOND YEAR B.TECH.
CHEMICAL TECHNOLOGY**

1	Applied Mathematics-II	8011
2	Applied Physical Chemistry	8012
3	Strength Of Materials	8013
4	Applied Thermodynamics	8014
5	Process Calculation	8015
6	Applied Mathematics-III	8016
7	Electrical Technology	8017
8	Machine Design And Drawing	8018
9	Material Technology	8019
10	Fluid Flow Operation	8020

**SECOND YEAR BACHELOR OF
ARCHITECTURE**

1	Architectural Design-I	8521
2	Building Construction-II	8522
3	Structure-II	8523
4	History Of Architecture	8524
5	Applied Climatology	8525
6	Computer Graphics	8526
7	Building Material-II	8527
8	Surveying & Levelling	8528
9	Perspective & Sciography	8529

**SECOND YEAR BACHELOR OF
TEXTILE ENGINEERING**

1	Applied Mathematics-II	9021
2	Spinning-II	9022
3	Weaving-II	9023
4	Textile Fibre-I	9024
5	Electrical Technology	9025
6	Material Technology	9026
7	Strength Of Material	9027
8	Machine Drawing	9028

**SECOND YEAR M.E. (FULL-
TIME) ELECTRICAL ENGG.
(ELECTRICAL POWER SYSTEM)**

1	Seminar	5519
2	Dissertation	5520

**SECOND YEAR M.E. PART-I
(PART-TIME) (NEW COURSE)
COMPUTER SCIENCE &
ENGINEERING**

1	Expert Systems Design	5470
2	Artificial Neural Network	5471
3	Computer Vision	5472
4	Seminar	5473

**SECOND YEAR M.E. PART-I
(PART-TIME) (OLD COURSE)
COMPUTER SCIENCE &
ENGINEERING**

1	System Simulation	5460
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**SECOND YEAR M.E. PART-I
(PART-TIME) (OLD COURSE)
COMPUTER SCIENCE &
ENGINEERING**

2	Database Modelling & Design	5387
3	Database Processing	5461
4	Computer Vision	5462
5	Seminar	5463

**SECOND YEAR M.E. PART-I
(PART-TIME) (OLD COURSE)
ELECTRICAL (E.P.S)
ENGINEERING**

1	High Voltage Transmission	5420
2	Power System Dynamics-II	5421
3	Computer Methods In Power Systems Analysis	5422
4	Computer Methods In Power System Analysis Practica	5423

**SECOND YEAR M.E. PART-I
(PART-TIME) (OLD COURSE)
ELECTRONICS ENGINEERING**

1	Computer Aided Analysis & Design	5440
2	Digital Communication	5441
3	Introduction To Microcont Rollers	5442
4	Laboratory-III	5443

**SECOND YEAR M.E. PART-I
(PART-TIME) CIVIL
(ENVIRONMENTAL
ENGINEERING)**

1	Env.Policy & Law, Impact Assessment & Case Studies	5415
2	Unit Process & Operations	5575
3	Advanced Water & Waste Water Treatment	5576
4	Seminar	5417
5	Practical	5418

**SECOND YEAR M.E. PART-I
(PART-TIME) CIVIL
(GEOTECHNICAL
ENGINEERING)**

1	Machine Foundation	5401
2	Rock-Mechanics	5402
3	Earth Dam Analysis & Design	5403
4	Practicals	5404

**SECOND YEAR M.E. PART-I
(PART-TIME) CIVIL
(STRUCTURAL ENGINEERING)**

1	Finite Element Method In Structural Analysis	5410
2	Structural Dynamics	5560
3	Advanced Finite Element Method	5561
4	Advanced Concrete Structure	5562
5	Structural Optimization	5563
6	Structural Stability	5570
7	Soil Structural Interaction	5571
8	Reliability Analysis & Design	5572
9	Practicals	5413

**SECOND YEAR M.E. PART-I
(PART-TIME) MECHANICAL
(THERMAL POWER
ENGINEERING)**

1	I.C. Engines & Gas Turbines	5430
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**SECOND YEAR M.E. PART-I
(PART-TIME) MECHANICAL
(THERMAL POWER
ENGINEERING)**

2	Modern Energy Sources	5431
3	Advacned Refrigeration & Air Conditioning	5432
4	Laboratory-III	5453

**SECOND YEAR M.E. PART-I
(PART-TIME) PRODUCTION
TECHNOLOGY & MANAGEMENT**

1	CIM	5480
2	Process Engineering	5481
3	Facility Planning	5598
4	Maintenance Reliability Engineering	5599
5	Computers In Production Management	5600

**SECOND YEAR M.E. PART-II
(PART-TIME) (OLD COURSE)
COMPUTER SCIENCE &
ENGINEERING**

1	Operating System Design	5585
2	Computer Algorithm	5586
3	Computer Graphics	5587
4	Project & Defence	5543
5	Seminar	5544

**SECOND YEAR M.E. PART-II
(PART-TIME) (OLD COURSE)
ELECTRONICS ENGINEERING**

1	Seminar	5525
2	Project	5526

**SECOND YEAR M.E. PART-II
(PART-TIME) CIVIL
(ENVIRONMENTAL
ENGINEERING)**

1	Noise Pollution & Control	5580
2	Energy System & Enviroment	5581
3	Hazardous Wastes & Dissester Management	5582
4	Solid Waste Management	5583
5	Dissertation	5510

**SECOND YEAR M.E. PART-II
(PART-TIME) CIVIL
(GEOTECHNICAL
ENGINEERING)**

1	Seminar	5501
2	Dissertation	5502

**SECOND YEAR M.E. PART-II
(PART-TIME) CIVIL
(STRUCTURAL ENGINEERING)**

1	Seminar	5505
2	Dissertation	5506

**SECOND YEAR M.E. PART-II
(PART-TIME) MECHANICAL
(THERMAL POWER
ENGINEERING)**

1	Seminar	5522
2	Dissertation	5523

**SECOND YEAR M.E. PART-II
(PART-TIME) PRODUCTION
TECHNOLOGY & MANAGEMENT**

1	Seminar	5549
2	Dissertation & Viva	5550

**SECOND YEAR M.E. PART-II
(PART-TIME)(NEW
COURSE)COMPUTER SCIENCE
& ENGINEERING**

1	Real - Time System	5590
2	System Simulation	5591
3	Computer Graphics	5592
4	Project & Defence	5547
5	Seminar	5548

**SECOND YEAR M.E. PART-II
(PART-TIME)(OLD COURSE)
ELECTRICAL (E.P.S.)
ENGINEERING**

1	Seminar	5514
2	Dissertation	5515

**THIRD YEAR B.E. CHEMICAL
ENGINEERING**

1	Heat Transfer Operation	3076
2	Unit Operations (Fluid Mechanics)	3077
3	Energy Technology (Fuels & Combustion)	3078
4	Environmental Engineering	3079
5	Mass Transfer-I	3080
6	Mechanical Design & Drawing	3081
7	General Chemical Technology	3082
8	Chemical Engineering Thermodynamics	3083
9	Social Sciences & Engineering Economics	3084

**THIRD YEAR B.E. CIVIL
ENGINEERING**

1	Structural Design-I	3001
2	Fluid Mechanics-II	3002
3	Soil Engineering	3003
4	Surveying-II	3004
5	Building Design & Drawing	3005
6	Numerical Methods & Computer Programming	3006
7	Reinforced Cement Concrete-II	3007
8	Environmental Engineering-I	3008
9	Theory Of Strucutres-I	3009
10	Quantity Surveying & Costing	3010

**THIRD YEAR B.E. COMPUTER
SCIENCE & ENGINEERING**

1	Social Sciences & Engineering Economics	3065
2	Computer Organisation & Architecture	3066
3	Switching Theory & Logic Design	3067
4	File Structures & Data Processing	3068
5	Data Communication	3069
6	Computer Oriented Operations Research	3070
7	Theory Of Computation	3071
8	System Software	3072
9	Computer Graphics	3073
10	Application Software	3074
11	Computer Lab	3075

**THIRD YEAR B.E. ELECTRICAL
(ELECTRONICS & POWER)
ENGINEERING**

1	Social Sciences & Engineering Economics	3033
2	Mathematics-IV	3034
3	Workshop Technology	3035
4	Introduction To Microprocessors	3036
5	Electrical Machines-II	3037
6	Electrical Power-I	3038
7	Numerical Methods & Computer Programming	3039
8	Operation Research & Management	3040
9	Control Systems-I	3041
10	Power Electronics	3042

**THIRD YEAR B.E.
ELECTRONICS &
TELECOMMUNICATION
ENGINEERING**

1	Social Sciences & Engineering Economics	3043
2	Programming Languages	3044
3	Advanced Electronic Devices & Circuits	3045
4	Introduction To Microprocessors	3046
5	Communication Engineering-II	3047
6	Linear Integrated Circuits	3048
7	Computer Oriented Operations Research	3049
8	Television Engineering	3050
9	Control System Engineering	3051
10	Power Electronics	3052
11	Electronic Laboratory	3053

**THIRD YEAR B.E. INDUSTRIAL
ELECTRONICS ENGINEERING**

1	Social Sciences & Engineering Economics	3054
2	Programming Languages	3055
3	Advanced Electronic Devices & Circuits	3056
4	Introduction To Microprocessors	3057
5	Power Semi Conductor Devices	3058
6	Linear Integrated Circuits	3059
7	Computer Oriented Operations Research	3060
8	Industrial Electronics-I	3061
9	Control System Engineering	3062
10	Industrial Automation & Robotics	3063
11	Electronic Laboratory	3064

**THIRD YEAR B.E.
INSTRUMENTATION
ENGINEERING**

1	Microprocessor & Microcontroller	3085
2	Control System Components	3086
3	Automatic Control System	3087
4	Thyristor Engineering	3088
5	Linear Techniques	3089
6	Basis Of Industrial Management	3090
7	Pulse And Digital Circuits	3091

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THIRD YEAR B.E. INSTRUMENTATION ENGINEERING

8	Programming Practice-II	3092
9	Analytical Instrumentation	3093
10	Electronic Instrumentation	3094

THIRD YEAR B.E. MECHANICAL ENGINEERING

1	Computer Programming	3011
2	Production Technology	3012
3	Heat Transfer	3013
4	Mechanical Measurement	3014
5	Theory Of Machines-I	3015
6	Fluid Power-II	3016
7	Machine Design-I	3017
8	Industrial Visit	3018
9	Automatic Control	3019
10	Theory Of Machines-II	3020

THIRD YEAR B.E. PART TIME (CIVIL ENGINEERING) (NEW)

1	Theory Of Structure - I	6101
2	Fluid Mechanics - II	6102
3	Reinforce Cement Concrete - II	6103
4	Environmental Engineering - I	6104
5	Transportation Engineering - II	6105
6	Quantity Surveying & Costing	6106
7	Irrigation Engineering - II	6107
8	Theory Of Structures - II	6108

THIRD YEAR B.E. PART TIME (CIVIL ENGINEERING) (NEW1)

1	Numerical Methods & Computer Programming	6111
2	Fluid Mechanics-II	6112
3	Reinforced Cement Concrete-II	6113
4	Environmental Engineering-I	6114
5	Transportation Engineering-II	6115
6	Estimating & Costing	6116
7	Water Resources Engineering-II	6117
8	Theory Of Structures-II	6118
9	Industrial Training & Seminar	6119

THIRD YEAR B.E. PART TIME (CIVIL ENGINEERING) (OLD)

1	Fluid Mechanics - II	6102
2	Reinforce Cement Concrete - II	6103
3	Environmental Engineering - I	6104
4	Numerical Methods & Computer Programming	6109
5	Quantity Surveying & Costing	6106
6	Theory Of Structures - II	6108
7	Irrigation Engineering - II	6107
8	Transportation Engineering - II	6105

THIRD YEAR B.E. PART-I COMPUTER SCIENCE & ENGINEERING (NEW1)

1	Social Sciences & Engineering Economics	3065
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THIRD YEAR B.E. PART-I COMPUTER SCIENCE & ENGINEERING (NEW1)

2	Computer Architecture & Organizaion	3166
3	Switching Theory & Logic Design	3067
4	File Structures & Data Processing	3068
5	Application Software	3074
6	Computer Lab	3075

THIRD YEAR B.E. PART-I ELECTRICAL ENGG. (ELECTRONICS & POWER SYSTEM)(NEW1)

1	Social Sciences & Engineering Economics	3033
2	Numerical Methods & Computer Programming	3039
3	Workshop Technology	3035
4	Electrical Machines-II	3037
5	Electrical Power-I	3038

THIRD YEAR B.E. PART-I ELECTRONICS & TELECOMMUNICATION ENGINEERING (NEW1)

1	Social Sciences & Engineering Economics	3043
2	Programming Languages	3044
3	Advanced Electronic Devices & Circuits	3045
4	Introduction To Microprocessors	3046
5	Communication Engineering-II	3047

THIRD YEAR B.E. PART-I CIVIL ENGG./CONSTRUCTION TECHNOLOGY (NEW1)

1	Structural Design-I	3001
2	Fluid Mechanics-II	3002
3	Soil Engineering	3003
4	Hydrology Irrigation Engineering-I	3104
5	Building Design & Drawing	3005

THIRD YEAR B.E. PART-I COMPUTER SCIENCE & ENGINEERING (NEW)

1	File Structures & Data Processing	3068
2	Programming Methodology	2063
3	Social Sciences & Engineering Economics	3065
4	Business Data Processing	3168
5	Electronic Devices & Circuit-II	3165
6	Computer Graphics	3073
7	Computer Lab	3075

THIRD YEAR B.E. PART-I ELECTRICAL POWER SYSTEM ENGG. (NEW)

1	Engineering Economics And Industrial Psychology	3219
2	Workshop Technology	3035
3	Numerical Methods & Computer Programming	3039
4	Electrical Machines-II	3037
5	Electronics Devices & Circuits-II	3541

THIRD YEAR B.E. PART-I MECHANICAL ENGINEERING (NEW1)

1	Computer Programming	3011
2	Production Technology	3012
3	Heat Transfer	3013
4	Mechanical Measurement	3014
5	Theory Of Machines-I	3015

THIRD YEAR B.E. PART-I PRODUCTION ENGINEERING (NEW1)

1	Design Of Machine Element	3021
2	Work Study	3022
3	Tool Engineering-I	3023
4	Mechanical Measurement	3024
5	Design Of Material Handling System	3025
6	Machine Shop Practice	3026

THIRD YEAR B.E. PART-II ELECTRICAL ENGG. (ELECTRONICS & POWER SYSTEM)(NEW1)

1	Electrical Machines-III	3237
2	Control Systems-I	3041
3	Operation Research & Management	3040
4	Introduction To Microprocessors	3036
5	Power Electronics	3042

THIRD YEAR B.E. PART-II CIVIL ENGG.(NEW)

1	Numerical Methods & Computer Programming	3006
2	Hydrology Irrigation Engineering-I	3104
3	Environmental Engineering-I	3008
4	Reinforced Cement Concrete-II	3007
5	Quantity Surveying & Costing	3010
6	Transportation Engineering-I	3206

THIRD YEAR B.E. PART-II CIVIL ENGG/CONSTRUCTION TECHNOLOGY(NEW1)

1	Transportation Engineering-I	3206
2	Reinforced Cement Concrete-II	3007
3	Environmental Engineering-I	3008
4	Numerical Methods & Computer Programming	3006
5	Quantity Surveying & Costing	3010

THIRD YEAR B.E. PART-II COMPUTER SCIENCE & ENGINEERING (NEW1)

1	Computer Oriented Operations Research	3070
2	Theory Of Computation	3071
3	Systems Software	3273
4	Computer Graphics	3073
5	Data Communication	3275

THIRD YEAR B.E. PART-II ELECTRICAL POWER SYSTEM (NEW)

1	Fluid Mechanics & Machinery	2037
2	Control Systems-I	3041

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**THIRD YEAR B.E. PART-II
ELECTRICAL POWER SYSTEM
(NEW)**

3	Electrical Power-I	3038
4	Synchronous Machines	3239
5	Operation Research & Management	3040
6	Electrical Workshop Practice	3241

**THIRD YEAR B.E. PART-II
ELECTRONICS &
TELECOMMUNICATION
ENGINEERING (NEW1)**

1	Linear Integrated Circuits	3048
2	Computer Oriented Operations Research	3049
3	Television Engineering	3050
4	Control System Engineering	3051
5	Power Electronics	3052
6	Electronic Laboratory	3053

**THIRD YEAR B.E. PART-II
MECHANICAL ENGINEERING
(NEW)**

1	Energy Conversion-I	2018
2	Machine Design-I	3017
3	Basic Electrical Drives & Control	3218
4	Theory Of Machines-II	3020
5	Engineering Economics And Industrial Psychology	3219

**THIRD YEAR B.E. PART-II
MECHANICAL ENGINEERING
(NEW1)**

1	Fluid Power-II	3016
2	Machine Design-I	3017
3	Basic Electrical Drives & Control	3218
4	Automatic Control	3019
5	Theory Of Machines-II	3020
6	Industrial Visit	3018

**THIRD YEAR B.E. PRODUCTION
ENGINEERING**

1	Design Of Machine Element	3021
2	Work Study	3022
3	Tool Engineering-I	3023
4	Mechanical Measurement	3024
5	Design Of Material Handling System	3025
6	Machine Shop Practice	3026
7	Tool Engineering-II	3027
8	Theory Of Machines	3028
9	Automatic Control	3029
10	Metrology & Quality Control	3030
11	Machine Tool Design	3031
12	Industrial Visit	3032

**THIRD YEAR B.TECH.
(FOOD/PULP & PAPER/OIL &
PAINT/PETROCHEMICAL
TECHNOLOGY)**

1	Heat Transfer	8061
2	Chemical Engg. Operation-I	8062
3	Chemical Engineering Thermodynamics	8063

**THIRD YEAR B.TECH.
(FOOD/PULP & PAPER/OIL &
PAINT/PETROCHEMICAL
TECHNOLOGY)**

4	Special Technology	8064
5	Chemical Technology	8065
6	Chemical Engineering Operation-II	8066
7	Process Equipment Design & Drawing	8067
8	Instrumentation Control	8068
9	Special Technology-III	8069
10	Economics & Management	8070

**THIRD YEAR B.TECH.
CHEMICAL TECHNOLOGY**

1	Heat Transfer	8041
2	Chemical Engg. Operation-I	8042
3	Chemical Engineering Thermodynamics	8043
4	Chemical Engineering Process-I	8044
5	Numerical Methods Computer Prog.	8045
6	Chemical Engineering Operation-II	8046
7	Process Equipment Design Drawing	8047
8	Instrumentation Control	8048
9	Chemical Engineering Process-II	8049
10	Economics Management	8050

**THIRD YEAR BACHELOR OF
ARCHITECTURE**

1	Architectural Design-II	8531
2	Building Construction-III	8532
3	Structure-III	8533
4	History Of Architecture	8534
5	Building Service & Equipment	8535
6	Specifications	8536
7	Estimate & Accounting	8537
8	Human Settlement	8538
9	Working Drawing	8539

**THIRD YEAR BACHELOR OF
TEXTILE ENGINEERING**

1	Theory Of Machine	9031
2	Thermal Science & Air Conditioning	9032
3	Textile Fibre-II	9033
4	Textile Testing-I	9034
5	Fabric Structure	9035
6	Industrial Electronic & Computer Science	9036
7	Chemical Processing-I	9037
8	Maintenance Of Textile Machinery	9038
9	Elements Of Costing And Economics	9039

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FACULTY OF HOME SCIENCE

**B. TECH.(COSMETICS)
SEMESTER-I (FACULTY H.SC.)
(EIGHT SEM. COURSE) (CGS)**

1	Cosmetic Technology - I	2011
2	Cosmetic Chemistry - I	2012
3	Herbal Cosmetic - I	2013
4	Dermatology - I	2014
5	Computer Application	2015
6	Mathematics & Statistics - I	2016

**B. TECH.(COSMETICS)
SEMESTER-II (FACULTY H.SC.)
(EIGHT SEM. COURSE) (CGS)**

1	Cosmetic Technology - II	2021
2	Cosmetic Chemistry - II	2022
3	Herbal Cosmetic - II	2023
4	Dermatology - II	2024
5	Perfume & Colours - I	2025
6	Mathematics & Statistics - II	2026

**B. TECH.(COSMETICS)
SEMESTER-III (FACULTY H.SC.)
(EIGHT SEM. COURSE) (CGS)**

1	Cosmetic Technology-III	2031
2	Cosmetic Chemistry-III	2032
3	Beauty Culture & Clinical Cosmetic-I	2033
4	Perfume & Colours-II	2034
5	Cosmetic Engineering-I	2035
6	Dermatology-III	2036

**B. TECH.(COSMETICS)
SEMESTER-IV (FACULTY H.SC.)
(EIGHT SEM. COURSE) (CGS)**

1	Cosmetic Technology-IV	2041
2	Cosmetic Chemistry-IV	2042
3	Beauty Culture & Clinical Cosmetic-II	2043
4	Cosmetic Analysis-I	2044
5	Cosmetic Engineering-II	2045
6	Dermatology - IV	2046

**B. TECH.(COSMETICS)
SEMESTER-V (FACULTY H.SC.)
(EIGHT SEM. COURSE) (CGS)**

1	Cosmetic Technology V	2051
2	Perfume & Colour III	2052
3	Herbal Cosmetic III	2053
4	Physical Cosmetic I	2054
5	Cometic Analysis II	2055
6	Cometic Management I	2056

**B. TECH.(COSMETICS)
SEMESTER-VI (FACULTY H.SC.)
(EIGHT SEM. COURSE) (CGS)**

1	Cosmetic Technology VI	2061
2	Perfume & Colour IV	2062
3	Herbal Cosmetic IV	2063
4	Physical Cosmetic II	2064
5	Cometic Analysis III	2065
6	Cometic Management II	2066

**B. TECH.(COSMETICS)
SEMESTER-VII (FACULTY
H.SC.) (EIGHT SEM. COURSE)
(CGS)**

1	Cosmetic Technoloy VII	2071
2	Perfume & Colour V	2072
3	Herbal Cosmetics V	2073
4	Cosmetic Analysis IV	2074
5	Cosmetic Engineering-III	2075
6	Seminar	2076

**B. TECH.(COSMETICS)
SEMESTER-VIII (FACULTY
H.SC.) (EIGHT SEM. COURSE)
(CGS)**

1	Cosmetic Technoloy VIII	2081
2	Perfume & Colour VI	2082
3	Herbal Cosmetics VI	2083
4	Cosmetic Jurisprudence	2084
5	Cosmetic Engineering-IV	2085
6	Projet	2086

**B.SC.(HOME
SCIENCE)(FASHION
DESIGNING)SEMESTER-I**

1	Theory Of Design	1511
2	Colour Theory & Composition	1512
3	Traditional Indian Embroidery	1513
4	Traditional Indian Costume	1514

**B.SC.(HOME
SCIENCE)(FASHION
DESIGNING)SEMESTER-II**

1	Introduction To Fashion Illustration	1521
2	Introduction To Apparel Designing	1522
3	Pattern Designing	1523
4	History Of Western Constume	1524

**B.SC.HOME SCIENCE
SEMESTER-II (CBS)**

1	Communication Skill	1020
2	Food & Nutrition	1021
3	Human Development	1022
4	Human Physiology	1023
5	Textile Chemistry	1024
6	Ecology & Enviroment	1025
7	Personality Development-II	1026
8	Yogasana	1027
9	Kitchent Gardening-II	1028

**B.SC.HOME SCIENCE
SEMESTER-IV (CBS)**

1	Resource Management	1040
2	Food & Nutrition	1041
3	Human Development	1042
4	Textile & Clothing	1043
5	Communication & Extenssion	1044
6	Computer Application In Home Science	1045
7	Nutritional BioChemistry	1046
8	Creative Writing For Print Media	1047
9	Pagemaker	1048

**B.SC.HOME SCIENCE
SEMESTER-IV (CBS)**

10	Creative Writing For Electronic Media	1049
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**B.SC.HOME SCIENCE
SEMESTER-VI (CBS)**

1	Resource Managment	1061
2	Food & Nutrition	1062
3	Human Development	1063
4	Textile & Clothing	1064
5	Communication & Extension	1065
6	Health , Hygiene & Microbiology	1066
7	Dietetic Techniques & Patient Counselling-II	1067
8	Event Management-II	1068
9	Regional Embroidary & It's Application-II	1069
10	Geriatric Care-II	1070
11	Audio Visual Production-II	1071

B.SC.PART-I(HOME SCIENCE)

1	English	ENGL
2	Hindi	HIND
3	Marathi	MARA
4	Sanskrit	SANS
5	Supplementary English	SPEG
6	Urdu	URDU
7	Introduction To Resource Management,Food&Nutrition	IRFN
8	Introduction To Human Development	IHDV
9	Intro. To Textile Clothing & Home Sci. Extention	ITCH
10	Food & Textile Chemistry	FTCH
11	Applied Life Science	APLS
12	Ecology & Environment	EENV
13	Clinical Nutrition And Dietetics-I	CNDA

B.SC.PART-II(HOME SCIENCE)

1	Resource Management	RMNG
2	Food And Nutrition	FNTN
3	Human Development	HDVP
4	Textile And Clothing	TXCL
5	Home Science Extension And Communication	HSEC
6	Household Equipments And Computer Basics	HECB
7	Nutritional Bio-Chemistry	NBCH
8	Consumer Economics And Statistics	CEST
9	Clinical Nutrition And Dietetics-II	CNDB

B.SC.PART-III(HOME SCIENCE)

1	Resource Management	RMNG
2	Food And Nutrition	FNTN
3	Human Development	HDVP
4	Textile And Clothing	TXCL
5	Home Science Extension And Communication	HSEC
6	Health Hygine & Microbiology	HHMB
7	Consumer Education	CEDU
8	Clinical Nutrition And Dietetics-III	CNDC

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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B.SC.PART-III(HOME SCIENCE)

9	Project Management & Entrepreneurship	PMET
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B.TECH.(COSMETIC)SEM-I(FAC. H.SC.)(PART-I ANN PATT ABS IN SEM-3)(CGS)

1	Cosmetic Technology - I	2011
2	Computer Application	2015

B.TECH.(COSMETIC)SEM-I(FAC. H.SC.)(PART-II ANN PATT ABS IN SEM-5)(CGS)

1	Cosmetic Technology - I	2011
2	Computer Application	2015

B.TECH.(COSMETIC)SEM-II(FAC. H.SC.)(PART-I ANN PATT ABS IN SEM-3)(CGS)

1	Cosmetic Technology - II	2021
2	Perfume & Colours - I	2025

B.TECH.(COSMETIC)SEM-II(FAC. H.SC.)(PART-II ANN PATT ABS IN SEM-5)(CGS)

1	Cosmetic Technology - II	2021
2	Perfume & Colours - I	2025

BACHELOR IN FASHION DESIGNING (SIX SEM.DEGREE COURSE) SEM-II (FACULTY OF H.SCI.)

1	Introduction To Fashion Illustration	1521
2	Introduction To Apparel Designing	1522
3	Pattern Designing	1523
4	History Of Western Costume	1524

BACHELOR IN FASHION DESIGNING (SIX SEM.DEGREE COURSE) SEM-IV (FACULTY OF H.SCI.)

1	Fashion Marketing & Merchandising	1541
2	Fashion Communication	1542
3	Traditional Textiles Of India	1543
4	Advanced Apparel Designing	1544

BACHELOR IN FASHION DESIGNING (SIX SEM.DEGREE COURSE) SEM-VI (FACULTY OF H.SCI.)

1	Scientific Writing	1561
2	Project & Viva	1562
3	Seminar	1563

BACHELOR IN FASHION DESIGNING(SIX SEM.DEGREE COURSE)SEM-I (FACULTY OF H.SCI.)

1	Theory Of Design	1511
2	Colour Theory & Composition	1512
3	Traditional Indian Embroidery	1513
4	Traditional Indian Costume	1514

BACHELOR IN FASHION DESIGNING(SIX SEM.DEGREE COURSE)SEM-III (FACULTY OF H.SCI.)

1	History Of Fashion	1531
2	Fashion Illustration	1532
3	Construction Basics	1533

BACHELOR IN FASHION DESIGNING(SIX SEM.DEGREE COURSE)SEM-III (FACULTY OF H.SCI.)

4	Draping Method & Fashion Designing	1534
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BACHELOR IN FASHION DESIGNING(SIX SEM.DEGREE COURSE)SEM-V (FACULTY OF H.SCI.)

1	Commercial Clothing & Current Trends	1551
2	Computer Aided Fashion Designing	1552
3	Entrepreneurship Development	1553
4	Fashion Apparel Industries	1554

BACHELOR OF TECHNOLOGY PART-I(COSMETIC)

1	Cosmetic Chemistry-I	CPCT
2	Anatomy & Physiology	APCT
3	Organic Chemistry	OCCT
4	Physical Chemistry	PCCT
5	Cosmetic & Medicinal Agents From Natural Source	CMNS
6	Elementary Mathematics	EMCT

BACHELOR OF TECHNOLOGY PART-II(COSMETIC)

1	Cosmetic Technology-I	CTCT
2	Instrumental Methods Of Analysis	IMAT
3	Cosmetic Engineering-I	CECT
4	Cosmetic & Pharmaceutical Chemistry-II	CPMT
5	Drug And Cosmetic Laws	DCLT
6	Beauty Culture	BCCT
7	Introductory Pharmacology & Toxicology	IPCT

BACHELOR OF TECHNOLOGY PART-III(COSMETIC)

1	Perfumes & Colours-I	PCFT
2	Cosmetic Technology-II	CTIT
3	Physical Pharmacy	PPCT
4	Cosmetic Engineering-II	CENT
5	Beauty Culture	BCCT
6	Pharmacology & Interactions	PICT

BACHELOR OF TECHNOLOGY PART-IV(COSMETIC)

1	Quality Assurance Techniques	QATT
2	Herbal Cosmetic	HCCT
3	Cosmetic Technology-III	CTOT
4	Perfumes & Colours-II	PCUT
5	Plant Design	PDCT
6	Organisation & Management Of Industries	OMCT

M.SC. HOME SCIENCE (COMMUNICATION & EXTENSION) SEMESTER-II(CBS)

1	Extension Education System	1206
2	Training Methodology	1207
3	Communication Approches In Extension	1208
4	Entrepreneurship Devp. In Commu. OR 2GIC	1209

M.SC. HOME SCIENCE (COMMUNICATION & EXTENSION) SEMESTER-II(CBS)

5	Research Methods In Commu.&Extension	1210
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M.SC. HOME SCIENCE (COMMUNICATION & EXTENSION) SEMESTER-IV(CBS)

1	Writing,Editing&Repo. For Mass Comm.. OR 4 GIC	1216
2	Current Trend&Issues In Extension.&Comm.	1217
3	Scientific Writing	1218
4	Dissertation Report - Viva	1219
5	Seminar	1220

M.SC. HOME SCIENCE (FOOD SCIENCE & NUTRITION) SEMESTER-II(CBS)

1	Food Microbiology	1231
2	Nutritional Biochemistry	1232
3	Communication Approches In Nutrition	1233
4	Entrepreneurship Devp.In Food OR 2GIC	1234
5	Research Methods In Nutrition	1235

M.SC. HOME SCIENCE (FOOD SCIENCE & NUTRITION) SEMESTER-IV(CBS)

1	Food Informatics OR 4 GIC	1241
2	Current Issues In Food & Nutrition	1242
3	Scientific Writing	1218
4	Dissertation Report - Viva	1219
5	Seminar	1220

M.SC. HOME SCIENCE (HUMAN DEVELOPMENT) SEMESTER-II(CBS)

1	Psychological Testing	1251
2	Communication Approches In Human Devp.	1252
3	Entrepreneurship Devp. In Human Devp.OR 2GIC	1253
4	Human Anatomy & Physiology	1254
5	Research Methods In Human Devp.	1255

M.SC. HOME SCIENCE (HUMAN DEVELOPMENT) SEMESTER-IV(CBS)

1	Personal Empowerment OR 4GIC	1261
2	Current Trends & Issues In HD	1262
3	Scientific Writing	1218
4	Dissertation Report - Viva	1219
5	Seminar	1220

M.SC. HOME SCIENCE (RESOURCE MANAGEMENT) SEMESTER-II(CBS)

1	Residential Furnishing & House Keeping	1291
2	House Hold Technology	1292
3	Communication Approches In Resource Mngt.	1293
4	Entrepreneurship Devp. OR 2GIC	1294
5	Research Methods In Resource Mngt.	1295

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**M.SC. HOME SCIENCE
(RESOURCE MANAGEMENT)
SEMESTER-IV(CBS)**

1	Resource Informatics OR 4 GIC	1301
2	Current Issues & Trends In Resource Mngt.	1302
3	Scientific Writing	1218
4	Dissertation Report - Viva	1219
5	Seminar	1220

**M.SC. HOME SCIENCE
(TEXTILE & CLOTHING)
SEMESTER-II(CBS)**

1	Fashion Apparel Design	1271
2	Textile Testing & Quality Control	1272
3	Textile Clothing & Human Psychology	1273
4	Comu. Approches In Textile & Clothing OR 2GIC	1274
5	Research Methods In Textile & Clothing	1275

**M.SC. HOME SCIENCE
(TEXTILE & CLOTHING)
SEMESTER-IV(CBS)**

1	Current Trends In Textile Clothing	1281
2	CAD In Textile & Fashion OR 4GIC	1282
3	Scientific Writing	1218
4	Dissertation Report - Viva	1219
5	Seminar	1220

**M.SC.PART-I(HOME
SCIENCE)(FOOD SCIENCE &
NUTRITION) (IMPROVEMENT
DIVISION)**

1	Nutri. Bio-Chem. & Assay Tech.in Food & Nutri.	718
2	Therapeutic Nutrition	719
3	Extension Tech. & Contempo.Dev.In Hsc.	720
4	Research Methodology & Statistics	714
5	Practical-I	615
6	Practical-II	616
7	Project/Seminar/Internal Assessment Paper-II	812
8	Project/Seminar/Internal Assessment Paper-III	813
9	Project/Seminar/Internal Assessment Paper-IV	814

**M.SC.PART-I(HOME
SCIENCE)(HUMAN
DEVELOPMENT)
(IMPROVEMENT DIVISION)**

1	History & Theories Of Human Development	711
2	Human Nutrition	712
3	Ext. Technique & Contemp.Deve.in Home Sci.	713
4	Research Methodology & Statistics	714
5	Practical On Paper-II	810
6	Project/Seminar/Internal Assessment Paper-I	811
7	Project/Seminar/Internal Assessment Paper-II	812
8	Project/Seminar/Internal Assessment Paper-III	813
9	Project/Seminar/Internal Assessment Paper-IV	814

**M.SC.PART-II(HOME
SCIENCE)(FOOD SCIENCE &
NUTRITION) (IMPROVEMENT
DIVISION)**

1	Community Nutrition	926
2	Advanced Food Science	934
3	Advanced Nutrition	935
4	Dissertation	729
5	Practical-I	615
6	Practical-II	616
7	Project/Seminar/Internal Assessment Paper-I	811
8	Project/Seminar/Internal Assessment Paper-II	812
9	Project/Seminar/Internal Assessment Paper-III	813
10	Project/Seminar/Internal Assessment Paper-IV	814

**M.SC.PART-II(HOME
SCIENCE)(HUMAN
DEVELOPMENT)
(IMPROVEMENT DIVISION)**

1	Early Childhood Education & Tech.of Child Study	715
2	Family & Society	716
3	Behavioural Problems,Child Guid.& Counselling	717
4	Dissertation	829
5	Project/Seminar/Internal Assessment 2HD-1	834
6	Project/Seminar/Internal Assessment 2HD-2	835
7	Project/Seminar/Internal Assessment 2HD-3	836
8	Project/Seminar/Internal Assessment 2HD-4	837

**MASTER OF COSMETIC
TECHNOLOGY - FINAL
SEMESTER(OLD)**

1	Research Reviews(Seminar)	RRSR
2	Dissertation	DISA

**MASTER OF COSMETIC
TECHNOLOGY - FIRST
SEMESTER(NEW)**

1	Principles Of Cosmetic Technology	POCT
2	Quality Assurance Techniques	QATH
3	Product Development & Formulation	PDAF
4	Biostatistics & Research Methodology	BRMH
5	Quality Assurance Techniques	PRAD
6	Product Developement & Formulation	PRAE

**MASTER OF COSMETIC
TECHNOLOGY - FIRST
SEMESTER(OLD)**

1	Advanced Cosmetic Technology-I	ACTA
2	Advanced Cosmetic Technology-II(Management)	ACTB
3	Practicals	PRAC

**MASTER OF COSMETIC
TECHNOLOGY - SECOND
SEMESTER(NEW)(COSMETIC
TECHNOLOGY)**

1	Advanced Cosmetic Technology-I	ACTA
2	Advanced Cosmetic Technology-II	ACTS

**MASTER OF COSMETIC
TECHNOLOGY - SECOND
SEMESTER(NEW)(COSMETIC
TECHNOLOGY)**

3	Skin Dermatology	SKDT
4	Practicals - Advance Cosmetic Technology-I	ADCC
5	Practicals - Advance Cosmetic Technology-II	ADCD

**MASTER OF COSMETIC
TECHNOLOGY - SECOND
SEMESTER(NEW)(HERBAL
COSMETIC)**

1	Advance Herbal Cosmetic-I	ABHC
2	Advance Herbal Cosmetic-II	ABHD
3	Skin Dermatology	SKDT
4	Practicals - Advance Herbal Cosmetic-I	ABHP
5	Practicals - Advance Herbal Cosmetic-II	ABHR

**MASTER OF COSMETIC
TECHNOLOGY - SECOND
SEMESTER(NEW)(PERFUME &
COLOUR)**

1	Advance Perfume Colours-I	ABPC
2	Advance Perfume Colours-II	ABPE
3	Skin Dermatology	SKDT
4	Practicals - Advance Perfume Colours-I	APPC
5	Practicals - Advance Perfume Colours-II	APPD

**MASTER OF COSMETIC
TECHNOLOGY - SECOND
SEMESTER(NEW)(QUALITY
ASSURANCE)**

1	Advace Cosmetic Analysis-I	ACAA
2	Advace Cosmetic Analysis-II	ACAB
3	Skin Dermatology	SKDT
4	Practicals - Advace Cosmetic Analysis-I	ACAP
5	Practicals - Advace Cosmetic Analysis-II	ACAE

**MASTER OF COSMETIC
TECHNOLOGY - SECOND
SEMESTER(OLD)**

1	Quality Assurance Techniques	QATC
2	Formulations & Development	FDVP
3	Practicals	PRAC

**MASTER OF COSMETIC
TECHNOLOGY - THIRD
SEMESTER(NEW)(COSMETIC
TECHNOLOGY)**

1	Dissertation/Thesis ComprehensiveThesis Viva Voce	DIST
2	Seminar(Research Review)	SEMR

**MASTER OF COSMETIC
TECHNOLOGY - THIRD
SEMESTER(NEW)(HERBAL
COSMETIC)**

1	Dissertation/Thesis ComprehensiveThesis Viva Voce	DIST
2	Seminar(Research Review)	SEMR

**MASTER OF COSMETIC
TECHNOLOGY - THIRD
SEMESTER(NEW)(PERFUME &
COLOUR)**

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MASTER OF COSMETIC TECHNOLOGY - THIRD SEMESTER(NEW)(PERFUME & COLOUR)

1	Dissertation/Thesis ComprehensiveThesis Viva Voce	DIST
2	Seminar(Research Review)	SEMR

MASTER OF COSMETIC TECHNOLOGY - THIRD SEMESTER(NEW)(QUALITY ASSURANCE)

1	Dissertation/Thesis ComprehensiveThesis Viva Voce	DIST
2	Seminar(Research Review)	SEMR

MASTER OF COSMETIC TECHNOLOGY SEMESTER-I(CBS)

1	Principles Of Cosmetic Technology	3011
2	Quality Assurance Technique	3012
3	Product Development & Formulation	3013
4	Biostatistics	3014
5	Research Methodology	3015

MASTER OF COSMETIC TECHNOLOGY SEMESTER-II(COSMETIC TECHNOLOGY)(CBS)

1	Advance Cosmetic Technology - I	3021
2	Advance Cosmetic Technology - II	3022
3	Skin Dermatology	3023

MASTER OF COSMETIC TECHNOLOGY SEMESTER-II(HERBAL COSMETIC)(CBS)

1	Advance Herbal Cosmetics - I	3051
2	Advance Herbal Cosmetics - II	3052
3	Skin Dermatology	3053

MASTER OF COSMETIC TECHNOLOGY SEMESTER-II(PERFUME & COLOUR)(CBS)

1	Advance Perfume - I	3041
2	Advance Colour - I	3042
3	Skin Dermatology	3043

MASTER OF COSMETIC TECHNOLOGY SEMESTER-II(QUALITY ASSURANCE TECHNIQUE)(CBS)

1	Advanced Quality Assurance Technique -I	3031
2	Advanced Quality Assurance Technique-II	3032
3	Skin Dermatology	3033

MASTER OF COSMETIC TECHNOLOGY SEMESTER-III(CBS)

1	Seminar On Research Envisaged For Dissertation	3061
2	Seminar On Recent Trends In Cosmetic Science	3062

MASTER OF COSMETIC TECHNOLOGY SEMESTER-IV(CBS)

1	Seminar , Dissertation & Viva Voce	3066
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MASTER OF PHILOSOPHY IN THE FACULTY OF H.SCI (EXTENSION EDUCATION)

1	Adv. Home Science Edn. Research & Stat. Analysis	1261
2	Family Resource Management	1262
3	Recent Development In Extension Education	1263
4	Dissertation	1264

MASTER OF PHILOSOPHY IN THE FACULTY OF H.SCI (TEXTILE & CLOTHING.)

1	Adv. Home Science Edn. Research & Stat. Analysis	1256
2	Family Resource Management	1257
3	Recent Development In Textile & Clothing	1258
4	Dissertation	1259

MASTER OF PHILOSOPHY IN THE FACULTY OF H.SCI. (FOOD & NUTRITION)

1	Adv. Home Science Edn. Research & Stat. Analysis	1251
2	Family Resource Management	1252
3	Recent Developments In Food & Nutrition	1253
4	Dissertation	1254

MASTER OF PHILOSOPHY IN THE FACULTY OF H.SCI. (HUMAN DEVELOPMENT)

1	Adv. Home Science Edn. Research & Stat. Analysis	1246
2	Family Resource Management	1247
3	Recent Adv.in Human Development & Family Relations	1248
4	Dissertation	1249

MASTER OF PHILOSOPHY IN THE FACULTY OF H.SCI.(FAMILY RESOURCE MANAGEMENT)

1	Adv. Home Science Edn. Research & Stat. Analysis	1241
2	Family Resource Management	1242
3	Recent Developments In Family Resource Management	1243
4	Dissertation	1244

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FACULTY OF LAW

DIPLOMA IN LABOUR LAW

1	Resolution Of Disputes & Collective Bargaining	RDC
2	Law Relating To Wages & Monetry Benefits	LRW
3	Social Security Legislation	SSL
4	Project Work/Dissertation	PRJ
5	Viva Voce	VVV
6	Group Discussion	GPD
7	Field Visits(Internal Assesment)	FVT

LL.B.-I ST SEM.(3 YR SEM.PATT)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)

1	Contract-I	311
2	Law Of Torts & Consumer Protection	312
3	Constitutional Law-I	313
4	Family Law-I (Hindu Law)	314
5	Legal Language & Legal Writing	315
6	Law Of Crimes	316

LL.B.-I ST SEM.(5 YR SEM.PATT)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)

1	English-I	111
2	Political Science-I	112
3	History-I	113
4	Economics-I	114
5	Law Of Contract-I	115

LL.B.-I ST SEMESTER(FIVE YEARS SEMESTER PATTERN)

1	English-I	111
2	Political Science-I	112
3	History-I	113
4	Economics-I	114
5	Law Of Contract-I	115

LL.B.-I ST SEMESTER(THREE YEAR SEMESTER PATTERN)(OLD)

1	Contract-I	CON
2	Law Of Torts	TRT
3	Constitutional Law-I	COH
4	Hindu Law (Family Law-I)	FMH
5	Legal Language	LGL
6	Law Of Crimes	CRI
7	Computer Theory & Practical	COT
8	Court Visits	COV

LL.B.-I ST SEMESTER(THREE YEARS SEMESTER PATTERN)(NEW)

1	Contract-I	311
2	Law Of Torts & Consumer Protection	312
3	Constitutional Law-I	313
4	Family Law-I (Hindu Law)	314
5	Legal Language & Legal Writing	315
6	Law Of Crimes	316

LL.B.-I ST SEMESTER(THREE YR SEM.)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)

1	Legal Language	LGL
2	Law Of Crimes	CRI
3	Computer Theory & Practical	COT
4	Court Visits	COV

LL.B.-II ND SEMESTER(THREE YEAR SEMESTER PATTERN)(OLD)

1	Contract II	ICP
2	Family Law-II (Muslim Law)	FMM
3	Constitutional Law-II	COI
4	Consumer Protection Law	CPT
5	Human Rights	HMR
6	Company Law	CPL
7	Computer Theory & Practical	COT
8	Court Visits	COV

LL.B.-II ND SEM.(5 YR SEM.PATT)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)

1	English-II	121
2	English-II	244
3	Political Science-II	122
4	Political Science-II	245
5	History-II	123
6	History-II	246
7	Economics-II	124
8	Economics-II	247
9	Law Of Contract-II	125
10	Philosophy-II	248
11	Law Of Contract-II	249
12	Constitutional Law-I	250
13	Court Visit	147

LL.B.-II ND SEMESTER(FIVE YEARS SEMESTER PATTERN)

1	English-II	121
2	Political Science-II	122
3	History-II	123
4	Economics-II	124
5	Law Of Contract-II	125

LL.B.-II ND SEMESTER(THREE YEARS SEMESTER PATTERN)(NEW)

1	Contract II	321
2	Family Law-II (Muslim Law)	322
3	Constitutional Law-II	323
4	Company Law	324
5	Human Rights	325

LL.B.-II ND SEMESTER(THREE YR SEM.)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)

1	Contract II	ICP
2	Family Law-II (Muslim Law)	FMM
3	Constitutional Law-II	COI
4	Consumer Protection Law	CPT
5	Human Rights	HMR

LL.B.-II ND SEMESTER(THREE YR SEM.)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)

6	Company Law	CPL
7	Computer Theory & Practical	COT
8	Court Visits	COV

LL.B.-III RD SEMESTER(FIVE YEARS SEMESTER PATTERN)(OLD)

1	English - III	341
2	Political Science - III	342
3	History - III	343
4	Economics - III	344
5	Philosophy - III	345
6	Constitutional Law - II	346
7	Family Law - I (Hindu Law)	347
8	Court Visit	147

LL.B.-III RD SEMESTER(THREE YEAR SEMESTER PATTERN)(OLD)

1	Civil Procedure Code	CVP
2	Criminal Procedure Code	CRP
3	Law Of Evidence	LEV
4	Banking Law	BNK
5	Arbitration	ART
6	Moot Court	MCT
7	Court Visits	COV

LL.B.-III RD SEM.(5 YR SEM.PATT)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)

1	English - III	341
2	Political Science - III	342
3	History - III	343
4	Economics - III	344
5	Philosophy - III	345
6	Constitutional Law - II	346
7	Family Law - I (Hindu Law)	347
8	Court Visit	147

LL.B.-III RD SEMESTER(FIVE YEARS SEMESTER PATTERN)(NEW)

1	English - III	131
2	Political Science - III	132
3	History - III	133
4	Economics - III	134
5	Constitutional Law - I	135

LL.B.-III RD SEMESTER(THREE YEARS SEMESTER PATTERN)(NEW)

1	Civil Procedure Code	331
2	Criminal Proc.Code Juve.Justice & Prob.Of Off.Act	332
3	Law Of Evidence	333
4	Banking Law	334
5	Law of Arbitration(T)ADR(P)	335
6	Moot Court(Practical)	336

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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LL.B.-III RD SEMESTER(THREE YR SEM.)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)

1	Civil Procedure Code	CVP
2	Criminal Procedure Code	CRP
3	Law Of Evidence	LEV
4	Banking Law	BNK
5	Arbitration	ART
6	Moot Court	MCT
7	Court Visits	COV

LL.B.-IV TH SEMESTER(THREE YEAR SEMESTER PATTERN)(NEW)

1	Environmental Law	EML
2	Taxation	TXT
3	Trust Law	TRS
4	Professional Ethics	PFE
5	Drafting Pleading And Conveyancing-I	DPA
6	Public Interest Lawyering & Accountancy	PAI
7	Labour & Industria Law-I	LIA
8	Court Visits	COV

LL.B.-IV TH SEM.(5 YR SEM.PATT)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)

1	English - IV	441
2	Political Science - IV	442
3	History - IV	443
4	Economics - IV	444
5	Philosophy - IV	445
6	Family Law - II (Muslim Law)	446
7	Legal Language	447
8	Court Visit	147

LL.B.-IV TH SEMESTER(FIVE YEARS SEMESTER PATTERN)(NEW)

1	English - IV	141
2	Political Science - IV	142
3	History - IV	143
4	Economics - IV	144
5	Constitutional Law - II	145

LL.B.-IV TH SEMESTER(FIVE YEARS SEMESTER PATTERN)(OLD)

1	English - IV	441
2	Political Science - IV	442
3	History - IV	443
4	Economics - IV	444
5	Philosophy - IV	445
6	Family Law - II (Muslim Law)	446
7	Legal Language	447
8	Court Visit	147

LL.B.-IV TH SEMESTER(THREE YEARS SEMESTER PATTERN)(NEW)

1	Environmental Law	341
2	Law Of Trust	342

LL.B.-IV TH SEMESTER(THREE YEARS SEMESTER PATTERN)(NEW)

3	Professional Ethics	343
4	Public Interest Lawyering&Legal Aid(Pr)	344
5	Labour & Industria Law	345

LL.B.-IV TH SEMESTER(THREE YR SEM.)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)

1	Environmental Law	EML
2	Taxation	TXT
3	Trust Law	TRS
4	Professional Ethics	PFE
5	Drafting Pleading And Conveyancing-I	DPA
6	Public Interest Lawyering & Accountancy	PAI
7	Labour & Industria Law-I	LIA
8	Court Visits	COV

LL.B.-IX TH SEM.(5 YR SEM.PATT)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)(NEW)

1	Environmental Law	991
2	Cyber Law	992
3	International Trade Law	993
4	Research Methodology	994
5	Transfer Of Property Law	995
6	Human Rights	996
7	Internship	997

LL.B.-IX TH SEMESTER(FIVE YEARS SEMESTER PATTERN)(NEW)

1	Environmental Law	991
2	Cyber Law	992
3	International Trade Law	993
4	Research Methodology	994
5	Transfer Of Property Law	995
6	Human Rights	996
7	Internship	997

LL.B.-V TH SEMESTER(THREE YEAR SEMESTER PATTERN)(NEW)

1	Jurisprudence	JRP
2	Public International Law	PIL
3	Transfer Of Property Law	TPL
4	Labour & Industria Law-II	LIB
5	Land Law	LDL
6	Alternative Disputes Resolution	ADS
7	Research Methodology	RMD
8	Court Visits	COV

LL.B.-V TH SEM.(5 YR.SEM.PATT)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)(NEW)

1	Sociology - I	541
2	Computer	542
3	Regional Language-Marathi	543

LL.B.-V TH SEM.(5 YR.SEM.PATT)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)(NEW)

4	Civil Procedure Code & Limitation	544
5	Criminal Proc. Code Juve Justice&Prob.of Off. Act	545
6	Evidence	546
7	Law Of Crimes	547
8	Internship	548

LL.B.-V TH SEMESTER(FIVE YEARS SEMESTER PATTERN)

1	Sociology - I	541
2	Computer	542
3	Regional Language-Marathi	543
4	French (Foreign)	549
5	Civil Procedure Code & Limitation	544
6	Criminal Proc. Code Juve Justice&Prob.of Off. Act	545
7	Evidence	546
8	Law Of Crimes	547
9	Internship	548

LL.B.-V TH SEMESTER(FIVE YEARS SEMESTER PATTERN)(SOC-I EXEMPT)

1	Computer	542
2	Regional Language-Marathi	543
3	Civil Procedure Code & Limitation	544
4	Criminal Proc. Code Juve Justice&Prob.of Off. Act	545
5	Evidence	546
6	Law Of Crimes	547
7	Internship	548

LL.B.-V TH SEMESTER(THREE YR SEM.)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)

1	Jurisprudence	JRP
2	Public International Law	PIL
3	Transfer Of Property Law	TPL
4	Labour & Industria Law-II	LIB
5	Land Law	LDL
6	Alternative Disputes Resolution	ADS
7	Research Methodology	RMD
8	Court Visits	COV

LL.B.-VI TH SEMESTER(THREE YEAR SEMESTER PATTERN)(NEW)

1	Administrative Law	ADM
2	Cyber Law	CYA
3	International Trade Law	INB
4	Interpretation Of Statutes	IPS
5	Intellectual Property Law	IPL
6	Drafting Pleading And Conveyancing-II	DPB
7	Socio-legal Project /Research	SLP
8	Court Visits	COV

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LL.B.-VI TH SEM.(5 YR SEM.PATT)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)(NEW)

1	Sociology - II	641
2	Computer	642
3	Regional Language- Marathi	643
4	Trust Law	644
5	Land Law	645
6	Public International Law	646
7	Labour & Industrial Law-I	647
8	Internship	648

LL.B.-VI TH SEMESTER(FIVE YEARS SEMESTER PATTERN)

1	Sociology - II	641
2	Computer	642
3	Regional Language- Marathi	643
4	French (Foreign)	649
5	Trust Law	644
6	Land Law	645
7	Public International Law	646
8	Labour & Industrial Law-I	647
9	Internship	648

LL.B.-VI TH SEMESTER(FIVE YEARS SEMESTER PATTERN)(SOC-II EXEMPT)

1	Computer	642
2	Regional Language- Marathi	643
3	Trust Law	644
4	Land Law	645
5	Public International Law	646
6	Labour & Industrial Law-I	647
7	Internship	648

LL.B.-VI TH SEMESTER(THREE YR SEM.)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)

1	Administrative Law	ADM
2	Cyber Law	CYA
3	International Trade Law	INB
4	Interpretation Of Statutes	IPS
5	Intellectual Property Law	IPL
6	Drafting Pleading And Conveyancing-II	DPB
7	Socio-legal Project /Research	SLP
8	Court Visits	COV

LL.B.-VII TH SEM.(5 YR SEM.PATT)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)(NEW)

1	Sociology-III	741
2	Law Of Arbitration	742
3	Banking Law	743
4	Moot Court	744
5	Alternative Disputes Resolution	745
6	Labour And Industrial Law-II	746
7	Taxation	747
8	Internship	748

LL.B.-VII TH SEMESTER(FIVE YEARS SEMESTER PATTERN)

1	Sociology-III	741
2	Law Of Arbitration	742
3	Banking Law	743
4	Moot Court	744
5	Alternative Disputes Resolution	745
6	Labour And Industrial Law-II	746
7	Taxation	747
8	Internship	748

LL.B.-VII TH SEMESTER(FIVE YEARS SEMESTER PATTERN)(NEW)(SOC-III EXEMPT)

1	Law Of Arbitration	742
2	Banking Law	743
3	Moot Court	744
4	Alternative Disputes Resolution	745
5	Labour And Industrial Law-II	746
6	Taxation	747
7	Internship	748

LL.B.-VIII TH SEM.(5 YR SEM.PATT)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)(NEW)

1	Intellectual Property Law	841
2	Jurisprudance	842
3	Professional Ethics	843
4	Public Interest Lawyering And Accountancy	844
5	Company Law	845
6	Consumer Protection Law	846
7	Drafting Pleading And Conveyancing-I	847
8	Internship	848

LL.B.-VIII TH SEMESTER(FIVE YEARS SEMESTER PATTERN)

1	Intellectual Property Law	841
2	Jurisprudance	842
3	Professional Ethics	843
4	Public Interest Lawyering And Accountancy	844
5	Company Law	845
6	Consumer Protection Law	846
7	Drafting Pleading And Conveyancing-I	847
8	Internship	848

LL.B.-VIII TH SEMESTER(FIVE YEARS SEMESTER PATTERN)(NEW)(CONSU.PROTE C.LAW EXMPT)

1	Intellectual Property Law	841
2	Jurisprudance	842
3	Professional Ethics	843
4	Public Interest Lawyering And Accountancy	844
5	Company Law	845
6	Drafting Pleading And Conveyancing-I	847
7	Internship	848

LL.B.-X TH SEM.(5 YR SEM.PATT)(OLD COURSE ABS. INTO NEW WITH ADDL.SUBJ.)(NEW)

1	Administrative Law	911
2	Drafting Pleading & Conveyancing-II	912
3	Socio-Legal Project/Research	913
4	Interpretation Of Statutes	914
5	Internship	915

LL.B.-X TH SEMESTER(FIVE YEARS SEMESTER PATTERN)(NEW)

1	Administrative Law	911
2	Drafting Pleading & Conveyancing-II	912
3	Socio-Legal Project/Research	913
4	Interpretation Of Statutes	914
5	Internship	915

LL.M.-I ST SEMESTER(SEMESTER PATTERN)(ADDITIONAL)

1	Constitutionalism : Pluralism & Federalism	CPF
2	Union State Relations	USR

LL.M.-I ST SEMESTER(SEMESTER PATTERN)(ADDITIONAL)(NEW)

1	Criminal Justice System	511
2	Constitutionalism: Pluralism & Federalism	611
3	Crime And Social Legislation	512
4	Union State Relations	612

LL.M.-I ST SEMESTER(SEMESTER PATTERN)(NEW)

1	Law & Social Transformation In India	411
2	Indian Constitutional Law : The New Challenges	412
3	Criminal Justice System	511
4	Constitutionalism: Pluralism & Federalism	611
5	Law Of Industrial&Intellectual Property-I	711
6	Corporate Law	811
7	Histo.&Philo.Perspectives Of H.R&Duties	911
8	Crime And Social Legislation	512
9	Union State Relations	612
10	Law Of Industrial&Intellectual Property-II	712
11	Company And Securities Law	812
12	Human Right& Duties:International Perspective	912

LL.M.-I ST SEMESTER(SEMESTER PATTERN)(OLD)

1	Law & Social Transformation In India	LST
2	Indian Constitutional Law : The New Challenges	ICO
3	Buss.Law:Law Of Industrial&Intellectual Property-I	BLA
4	Constitutionalism : Pluralism & Federalism	CPF
5	Corporate Law : Corporate Law	CRA

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
LL.M.-I ST SEMESTER(SEMESTER PATTERN)(OLD)			LL.M.-II ND SEMESTER(SEMESTER PATTERN)(NEW)			LL.M.-III RD SEMESTER(SEMESTER PATTERN)(NEW)		
6	Criminal Justice System	CRJ	18	Legal Regulation Of Economic Enterprises	822	11	Organised Cri., Terrorism&Inter.Crime, New Challen.	531
7	HumanRight:Histo. & Philo. Perspectives Of H.R&Duties	HRA	19	Human Rights& Duties In India:Indian Legal Sys	922	12	Judicial Control Of Administrative Powers	631
8	Buss.Law:LawOf Industrial&Intellectual Property-II	BLB	20	Administrative Process	ADP	13	Banking Law	731
9	Corporate Law : Company And Securities Law	CRB	21	Legal Regulation Of Economic Enterprises	CRE	14	International Economic Law	831
10	Crime And Social Legislation	CSL	22	Human Rights & Duties In India : Indian Legal Sys	HRE	15	Human Rights & Criminal Justice System	931
11	HumanRight:H.R. & Duties :International Perspective	HRB	23	Penology Treatment Of Offenders	PTO	16	Practical CIL : Group Discussion	CIC
12	Union State Relations	USR	24	Law Of Taxation-II	TXB	17	Offence Relating To Corporate Gains	532

LL.M.-II ND SEMESTER(SEMESTER PATTERN)(ADDITIONAL)		
1	Criminal Justice : Concepts & Procedure	CJC
2	Economic Legislation	CRD
3	Protection Sys. & Impli.Of Human Rights & Duties	HRC
4	National Security , Public Order & Rule Of Law	NPR
5	Law Of Taxation-I	TXA
6	Administrative Process	ADP
7	Legal Regulation Of Economic Enterprises	CRE
8	Human Rights & Duties In India : Indian Legal Sys	HRE
9	Penology Treatment Of Offenders	PTO
10	Law Of Taxation-II	TXB

LL.M.-II ND SEMESTER(SEMESTER PATTERN)(ADDITIONAL)(NEW)		
1	Criminal Justice: Concepts & Procedure	521
2	Penology Treatment Of Offenders	522

LL.M.-II ND SEMESTER(SEMESTER PATTERN)(NEW)		
1	Jurisprudence & Legal Theory	421
2	Jurisprudence & Legal Theory	JLT
3	Legal Edu. & Research Methodology Part-A	422
4	Legal Edu. & Research Methodology(Project)	LEM
5	Criminal Justice: Concepts & Procedure	521
6	National Security, Public Order&Rule Of Law	621
7	Law Of Taxation-I	721
8	Economic Legislation	821
9	Protection Sys.& Impli.Of Human Rights & Duties	921
10	Criminal Justice : Concepts & Procedure	CJC
11	Economic Legislation	CRD
12	Protection Sys. & Impli.Of Human Rights & Duties	HRC
13	National Security , Public Order & Rule Of Law	NPR
14	Law Of Taxation-I	TXA
15	Penology Treatment Of Offenders	522
16	Administrative Process	622
17	Law Of Taxation-II	722

LL.M.-II ND SEMESTER(SEMESTER PATTERN)(OLD)		
1	Jurisprudence & Legal Theory	JLT
2	Legal Edu. & Research Methodology(Project)	LEM
3	Criminal Justice : Concepts & Procedure	CJC
4	Economic Legislation	CRD
5	Protection Sys. & Impli.Of Human Rights & Duties	HRC
6	National Security , Public Order & Rule Of Law	NPR
7	Law Of Taxation-I	TXA
8	Administrative Process	ADP
9	Legal Regulation Of Economic Enterprises	CRE
10	Human Rights & Duties In India : Indian Legal Sys	HRE
11	Penology Treatment Of Offenders	PTO
12	Law Of Taxation-II	TXB

LL.M.-III RD SEMESTER(SEMESTER PATTERN)(ADDITIONAL)		
1	Judicial Control Of Administrative Powers	JAP
2	Public Authorities&Liability Controls On Mal Admn.	PAL

LL.M.-III RD SEMESTER(SEMESTER PATTERN)(ADDITIONAL)(NEW)		
1	Organised Cri., Terrorism&Inter.Crime, New Challen.	531
2	Offence Relating To Corporate Gains	532

LL.M.-III RD SEMESTER(SEMESTER PATTERN)(NEW)		
1	LegalEdu.&Resea.Meth.(Proj, Viva&LawTeach.)PART-B	431
2	Legal Edu. & Research Methodology(Project)	LEM
3	Computer & Information Technology Law:Theory	432
4	Legal Edu. & Research Methodology(LawTeaching)	LEN
5	Practical On Computer	433
6	Computer & Information Technology Law:Theory	CIL
7	Viva-voce	434
8	Practical CIL : Practical On Computer	CIA
9	Group Discussion	435
10	Practical CIL : Viva-voce	CIB

LL.M.-III RD SEMESTER(SEMESTER PATTERN)(OLD)		
1	Legal Edu. & Research Methodology(Project)	LEM
2	Legal Edu. & Research Methodology(LawTeaching)	LEN
3	Computer & Information Technology Law:Theory	CIL
4	Practical CIL : Practical On Computer	CIA
5	Practical CIL : Viva-voce	CIB
6	Practical CIL : Group Discussion	CIC
7	Banking Law	BNK
8	Human Rights & Criminal Justice System	HMB
9	International Economic Law	INA
10	Judicial Control Of Administrative Powers	JAP
11	Organised Cri., Terrorism&Inter. Crime, New Challen.	OCT
12	International Hummanitarian Law&Refugee Law	HMC
13	International Trade Law	INB
14	Insurance Law	INL
15	Offence Relating To Corporate Gains	ORC
16	Public Authorities&Liability Controls On Mal Admn.	PAL

LL.M.-IV TH SEMESTER(SEMESTER PATTERN)(NEW)		
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**LL.M.-IV TH
SEMESTER(SEMESTER
PATTERN)(NEW)**

1	Dissertation	441
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**LL.M.-IV TH
SEMESTER(SEMESTER
PATTERN)(NEW1)**

1	Dissertation	DSS
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**P. G. DIPLOMA IN
CRIMINOLOGY & FORENSIC
LAW (A.P.) ONE YEAR FULL
TIME COURSE**

1	Criminology	FRA
2	Forensic Law	FRB
3	Investigation Of Crimes : New Trends	FRC
4	Pract:Proj.,Viva,GD,FW/Visit/ Workshop	FRD

**P. G. DIPLOMA IN CYBER LAW
(A.P.) ONE YEAR FULL TIME
COURSE**

1	Fiunda. Of Comp.Sci.&Internet Security	FOC
2	Information Technolgy Law- 2000	ITL
3	Cyber Law : International Perspective	CYL
4	Pr.Email,Disgi.Sign,Proj.Repo rt,GD/MCT	PRF

**P. G. DIPLOMA IN HUMAN
RIGHTS EDUCATION.(A.P.)
ONE YEAR FULL TIME COURSE**

1	Human Rights & Duties Conceptual Perspectives	HRD
2	International Human Rights Norms & Standards	HRN
3	Protection Sys.&Implementation Of Hum.Right&Duties	PSI
4	Human Rights&Duties In India:Indian Legal System	HRI
5	Diss./Proj.Work: Writtern Work	DSW
6	Diss./Proj.Work: Viva Voce	DSV
7	Diss./Proj.: Role Playing/Group Discu./Ext.Service	DSR

**P. G. DIPLOMA IN
LAW,MEDICAL
JURISPRUDENCE (A.P.) ONE
YEAR FULL TIME COURSE**

1	Introduction To Health Law	IHL
2	Medical Profession, Patient And The Law	MPL
3	Inter-Relation Of Law , Health And Medicine	IRL
4	Pr-Proj-Diss/Viva/Field Visit/Group Discussion	PRN

**P. G. DIPLOMA IN TAXATION
(A.P.) ONE YEAR FULL TIME
COURSE**

1	Income Tax - I (Theoretical)	ITH
2	Income Tax-II(Procedural)	ITI
3	Indirect Taxes	ITJ
4	Pr-Proj/Diss, Viva, Visit To IT Autho&CA,GD	PRH

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FACULTY OF MEDICINE

B.PHARM. SEM-I (FIRST YEAR AP ABSORBED INTO SEMESTER-III)(CBS)

1	Pharmaceutical Biochemistry-I	5012
2	Pharmaceutical Engineering-I	5015

B.PHARM. SEM-II (FIRST YEAR AP ABSORBED INTO SEMESTER-III)(CBS)

1	Pharmaceutical Engineering - II	5024
2	Pharmaceutical Biochemistry-II	5025

B.PHARM. SEM-III (FIRST YEAR AP ABSORBED INTO SEMESTER PATTERN)(CBS)

1	Physical Pharmaceutics-I	5031
2	Hospital & Community Pharmacy	5034
3	Pathophysiology	5036

B.PHARM. SEM-IV (FIRST YEAR AP ABSORBED INTO SEMESTER PATTERN)(CBS)

1	Physical Pharmaceutics-II	5041
2	Pharmaceutical Analysis -I	5043
3	Pharmaceutical Biotechnology	5044
4	Pharmacology-I	5045
5	Basic Computer Application	5046

B.PHARM.SEMESTER-II(FOUR YEAR-EIGHT SEMESTER DEGREE COURSE)(DIPLOMA HOLDER)

1	Mathematics	5026
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B.PHARM.SEMESTER-II(FOUR YEAR-EIGHT SEMESTER DEGREE COURSE)(DIRECT SECOND YR)

1	Mathematics	5026
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BACHELOR OF PHARMACY (FOUR YEAR-EIGHT SEMESTER DEGREE COURSE) SEMESTER-I

1	Pharmaceutics -I	5011
2	Pharmaceutical Biochemistry-I	5012
3	Anatomy & Physiology	5013
4	Pharmacognocny-I	5014
5	Pharmaceutical Engineering-I	5015

BACHELOR OF PHARMACY (FOUR YEAR-EIGHT SEMESTER DEGREE COURSE) SEMESTER-II

1	Pharmaceutics -II	5021
2	Anatomy & Physiology -II	5022
3	Pharmacognocny-II	5023
4	Pharmaceutical Engineering -II	5024
5	Pharmaceutical Biochemistry-II	5025
6	Mathematics	5026

BACHELOR OF PHARMACY (FOUR YEAR-EIGHT SEMESTER DEGREE COURSE) SEMESTER-III

1	Physical Pharmaceutics-I	5031
2	Pharmaceutical Microbiology	5032

BACHELOR OF PHARMACY (FOUR YEAR-EIGHT SEMESTER DEGREE COURSE) SEMESTER-III

3	Pharmaceutical Organic Chemistry-I	5033
4	Hospital & Community Pharmacy	5034
5	Pharmaceutical Inorganic Chemistry	5035
6	Pathophysiology	5036

BACHELOR OF PHARMACY (FOUR YEAR-EIGHT SEMESTER DEGREE COURSE) SEMESTER-IV

1	Physical Pharmaceutics-II	5041
2	Pharmaceutical Organic Chemistry -II	5042
3	Pharmaceutical Analysis -I	5043
4	Pharmaceutical Biotechnology	5044
5	Pharmacology-I	5045
6	Basic Computer Application	5046

BACHELOR OF PHARMACY (FOUR YEAR-EIGHT SEMESTER DEGREE COURSE) SEMESTER-V

1	Pharmaceutics -III	5051
2	Medicinal Chemistry-I	5052
3	Pharmaceutical Organic Chemistry-III	5053
4	Pharmacognocny -III	5054
5	Pharmacology-II	5055
6	Biopharmaceutics-I	5056

BACHELOR OF PHARMACY (FOUR YEAR-EIGHT SEMESTER DEGREE COURSE) SEMESTER-VI

1	Pharmaceutics-IV	5061
2	Medicinal Chemistry-II	5062
3	Pharmaceutical Analysis -II	5063
4	Pharmacognocny-IV	5064
5	Biopharmaceutics-II	5065
6	Clinical Pharmacy	5066
7	Project	5067

BACHELOR OF PHARMACY (FOUR YEAR-EIGHT SEMESTER DEGREE COURSE) SEMESTER-VII

1	Pharmaceutics-V	5071
2	Medicinal Chemistry-III	5072
3	Pharmacology-III	5073
4	Pharmacognocny -V	5074
5	Pharmaceutical Analysis -III	5075
6	Pharmaceutical Jurisprudence	5076
7	Seminar	5077

BACHELOR OF PHARMACY (FOUR YEAR-EIGHT SEMESTER DEGREE COURSE) SEMESTER-VIII

1	Pharmaceutics-VI	5081
2	Medicinal Chemistry-IV	5082
3	Pharmaceutical Analysis-IV	5083
4	Pharmacognocny -VI	5084

BACHELOR OF PHARMACY (FOUR YEAR-EIGHT SEMESTER DEGREE COURSE) SEMESTER-VIII

5	Clinical Pharmacotherapeutics	5085
6	Communication Skills	5086

BACHELOR OF PHARMACY FINAL YEAR

1	Community Pharmacy	4011
2	Clinical Pharmacy & Pathology	4012
3	Biopharmaceutics & Pharmacokinetics	4013
4	Industrial Pharmacy-II	4014
5	Medicinal Chemistry-II	4015
6	Pharmaceutical Analysis-II	4016
7	Pharmacognosy-III	4017

BACHELOR OF PHARMACY FINAL YEAR(AMRAVATI UNIVERSITY OLD COURSE)

1	Pharmaceutical Chemistry-X(Medicinal)	4041
2	Pharmaceutical Chemistry-XI	4042
3	Pharmaceutical Chemistry-XII(Analytical)	4043
4	Pharmaceutics -VII(Formulation&Production)	4044
5	Pharmaceutics-VIII(Biopharmaceutics)	4045
6	Pharmaceutics-IX(Microbiology&Biotechnology)	4046
7	Pharmaceutics-X(Mngt.&Computer Sci).	4047
8	Pharmacology-IV	4048
9	Pharmaceutical Chemistry -VII	4049

BACHELOR OF PHARMACY FINAL YEAR(MUHS SYLLABUS)

1	Pharmaceutics-III	4001
2	Biopharmaceutics And Pharmacokinetics	4002
3	Pharmaceutical Chemistry(Medicinal)-II	4003
4	Pharmaceutical Analysis-III	4004
5	Pharmacology & Bioassay	4005
6	Pharmacognosy & Phytochemistry-II	4006
7	Pharmaceutical Jurisprudence(Practice Of Pharmacy)	4007
8	Pharmaceutical Marketing	4008
9	Clinical Pharmacy & Drug Interaction	4009

BACHELOR OF PHARMACY FIRST YEAR

1	General And Dispensing Pharmacy	1011
2	Pharmaceutical Chemistry-I(Inorganic)	1012
3	Pharmaceutical Chemistry-II(Organic)	1013
4	Pharmacognosy-I	1014
5	Anatomy And Physiology	1015
6	Pharmaceutical Microbiology	1016
7	Mathematics & Statistics	1017

BACHELOR OF PHARMACY FIRST YEAR(DIPLOMA HOLDERS)

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**BACHELOR OF PHARMACY
FIRST YEAR(DIPLOMA
HOLDERS)**

1	Pharmaceutical Chemistry-II(Organic)	1013
2	Pharmaceutical Microbiology	1016
3	Mathematics & Statistics	1017

**BACHELOR OF PHARMACY
FIRST YEAR(DIRECT SECOND
YEAR ADMISSION)**

1	Pharmaceutical Chemistry-II(Organic)	1013
2	Pharmaceutical Microbiology	1016
3	Mathematics & Statistics	1017

**BACHELOR OF PHARMACY
FIRST YEAR(OLD)**

1	General And Dispensing Pharmacy	1011
2	Pharmaceutical Chemistry-I(Inorganic)	1012
3	Pharmaceutical Chemistry-II(Organic)	1013
4	Pharmacognosy-I	1014
5	Anatomy And Physiology	1015
6	Pharmaceutical Microbiology	1016
7	Mathematics & Statistics	1017

**BACHELOR OF PHARMACY
SECOND YEAR**

1	Physical Pharmacy	2011
2	Pharmaceutical Unit Operation	2012
3	Pharmaceutical Analysis-I	2013
4	Pharmaceutical Chemistry-III(Hetero.&Natu.Prod.)	2014
5	Biochemistry	2015
6	Pharmacology-I	2016
7	Basic Electronics & Computer Application	2017

**BACHELOR OF PHARMACY
SECOND YEAR (MUHS
SYLLABUS)**

1	Physical Pharmacy	2001
2	Pathophysiology & Clinical Biochemistry	2002
3	Organic Chemistry-I	2003
4	Pharmaceutical Analysis-I	2004
5	Elements Of Calculus & Biostatistics	2005
6	Computer Applications	2006
7	Microbiology & Immunology	2007
8	Business Mathematics	2008

**BACHELOR OF PHARMACY
SECOND YEAR(MUHS OLD)**

1	Physical Pharmacy	2001
2	Pathophysiology & Clinical Biochemistry	2002
3	Organic Chemistry-I	2003
4	Pharmaceutical Analysis-I	2004
5	Elements Of Calculus & Biostatistics	2005
6	Computer Applications	2006
7	Microbiology & Immunology	2007
8	Business Mathematics	2008

**BACHELOR OF PHARMACY
THIRD YEAR**

**BACHELOR OF PHARMACY
THIRD YEAR**

1	Hospital Pharmacy	3011
2	Industrial Pharmacy	3012
3	Pharmaceutical Biotechnology	3013
4	Medicinal Chemistry-I	3014
5	Pharmacognosy-II	3015
6	Pharmacology-II	3016
7	Pharmaceutical Jurisprudence & Business Management	3017

**BACHELOR OF PHARMACY
THIRD YEAR(AMRAVATI
UNIVERSITY OLD COURSE)**

1	Pharmaceutical Chemistry VII(Bio.Che)	3021
2	Pharmaceutical Chemistry VIII(Medicine)	3022
3	Pharmaceutical Chemistry IX(Analytical)	3023
4	Pharmaceutics IV(Formulation&Production)	3024
5	Pharmaceutics V(Dispensing&Cosmetics)	3025
6	Pharmaceutics VI(JurisPrudence&Hospital)	3026
7	Pharmacology III	3027
8	Pharmacognosy III	3028
9	Pharmaceutical Chemistry V	3029
10	Pharmaceutical Chemistry IV(Analytical)	3030

**BACHELOR OF PHARMACY
THIRD YEAR(MUHS OLD)**

1	Pharmaceutics-II	3001
2	Pharmaceutical Engineering	3002
3	Organic Chemistry-II	3003
4	Pharmaceutical Chemistry(Medicinal)-I	3004
5	Pharmaceutical Analysis-II	3005
6	Pharmacology And Toxicology	3006
7	Pharmacognosy And Phytochemistry-I	3007
8	Biotechnology And Fermentation Process	3008

**BACHELOR OF PHARMACY
THIRD YEAR(MUHS SYLLABUS)**

1	Pharmaceutics-II	3001
2	Pharmaceutical Engineering	3002
3	Organic Chemistry-II	3003
4	Pharmaceutical Chemistry(Medicinal)-I	3004
5	Pharmaceutical Analysis-II	3005
6	Pharmacology And Toxicology	3006
7	Pharmacognosy And Phytochemistry-I	3007
8	Biotechnology And Fermentation Process	3008

**DOCTOR OF MEDICINE (M.D.)
IN FORENSIC MEDICINE**

1	Forensic Medi&Toxi,Appl.Basic Medi.Sci.,Legal Sys.	3051
2	Medical Jurisprudence Forensic Sci. ForePsychiatry	3052
3	Cli.Fore.Medi.&Toxi.Medico Legal Asp.Medi,Speci.	3053
4	Recent Advance&Modern Trends In Forenc.Medi.&Toxi.	3054

**DOCTOR OF MEDICINE (M.D.)
IN FORENSIC MEDICINE**

5	Practical Clinical & Viva Voce	3055
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**DOCTOR OF MEDICINE (M.D.)
IN PAEDIATRICS**

1	Basic Sciences Applied To Paediatrics&Neonatology	3056
2	Diseases Of Newborn Prev..SocPaedi.Growth&Nutritio	3057
3	Diseases For Child.Adolesants&Recent Advances	3058
4	Essay With Option	3059
5	Theory - Internal Assessment	3060
6	Practical - Long Case	3061
7	Practical - Short Cases	3062
8	Practical - Viva Voce	3063
9	Practical - Internal Assessment	3064

**DOCTOR OF PHARMACY FIRST
YEAR**

1	Human Anatomy And Physiology	4001
2	Pharmaceutics	4002
3	Medicinal Biochemistry	4003
4	Pharmaceutical Organics Chemistry	4004
5	Pharmaceutical Inorganic Chemistry	4005

**DOCTOR OF PHARMACY FIRST
YEAR (REMEDIAL BIOLOGY
OFFERED)**

1	Remedial Biology	4007
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**DOCTOR OF PHARMACY FIRST
YEAR (REMEDIAL
MATHEMATICS OFFERED)**

1	Remedial Mathematics	4006
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**DOCTOR OF PHARMACY
FOURTH YEAR**

1	Pharmacotherapeutics-III	4041
2	Hospital Pharmacy	4042
3	Clinical Pharmacy	4043
4	Biostatistics & Research Methodology	4044
5	BioPharmaceutics & Pharmacokinetics	4045
6	Clinical Toxicology	4046

**DOCTOR OF PHARMACY
SECOND YEAR**

1	Pathophysiology	4021
2	Pharmaceutical Microbiology	4022
3	Pharmacognosy & Phytopharmaceuticals	4023
4	Pharmacology-I	4024
5	Community Pharmacy	4025
6	Pharmacotherapeutics-I	4026

**DOCTOR OF PHARMACY THIRD
YEAR**

1	Pharmacology-II	4031
2	Pharmaceutical Analysis	4032
3	Pharmacotherapeutics-II	4033
4	Pharmaceutical Jurisprudence	4034
5	Medicinal Chemistry	4035

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
M.PHARM. IN QUALITY ASSUARANCE. SEM-I (TWO YR.-FOUR SEM.DEGREE COURSE)			MASTER OF PHARMACY FINAL YEAR (QUALITY ASSURANCE)			MASTER OF PHARMACY FIRST YEAR(INDUSTRIAL PHARMACY)		
7	Seminar	5102	1	Dissertation & Viva Voce	2101	6	Selected Topics In Industrial Pharmacy	1106
M.PHARM. IN QUALITY ASSUARANCE. SEM-II (TWO YR.-FOUR SEM.DEGREE COURSE)			2	Seminar	2102	7	Practicals In Industrial Pharmacy	1107
1	Quality Assuarance Technique	5166	MASTER OF PHARMACY FINAL YEAR(INDUSTRIAL PHARMACY)			MASTER OF PHARMACY FIRST YEAR(PHARMACEUTICAL CHEMISTRY)		
2	Biological Evaluation & Standardization	5167	1	Dissertation & Viva Voce	2101	1	Biostatistics & Research Methodology	1101
3	Advanced Analytical Technique	5168	2	Seminar	2102	2	Product Development & Formulation	1102
4	Packaging Technology	5169	MASTER OF PHARMACY FINAL YEAR(PHARMACEUTICAL CHEMISTRY)			3	Advanced Pharmaceutical Che-I(Reac.Mecha.)	1113
5	Selected Topics In Quality Assuarance	5170	1	Dissertation & Viva Voce	2101	4	Advanced Pharmaceutical Che-II(Medicinal Che.)	1114
6	Laboratory Course -II	5101	2	Seminar	2102	5	Advanced Pharmaceutical Che-III(Instrumental Anal)	1115
7	Seminar	5102	MASTER OF PHARMACY FINAL YEAR(PHARMACEUTICS)			6	Selected Topics In Pharmaceutical Chemistry	1116
M.PHARM. IN QUALITY ASSUARANCE. SEM-III (TWO YR.-FOUR SEM.DEGREE COURSE)			1	Seminar	2102	7	Practicals In Pharmaceutical Chemistry	1117
1	Seminar On Research Envisaged For Dissertation	5131	2	Dissertation & Viva Voce	2101	MASTER OF PHARMACY FIRST YEAR(PHARMACEUTICS)		
2	Seminar On Recent Trends In Pharm. Sciences	5132	MASTER OF PHARMACY FINAL YEAR(PHARMACOGNOSY &PHYTOCHEM.) (IMPROVEMENT DIVISION)			1	Biostatistics & Research Methodology	1101
M.PHARM. IN QUALITY ASSUARANCE. SEM-IV (TWO YR.-FOUR SEM.DEGREE COURSE)			1	Dissertation & Viva Voce	2101	2	Product Development & Formulation	1102
1	Dissertation Work & Viva - Voce	5141	2	Seminar	2102	3	Advanced Physical Pharmacy	1108
2	Seminar On Dissertation	5142	MASTER OF PHARMACY FINAL YEAR(PHARMACOGNOSY AND PHYTOCHEMISTRY)			4	Biopharmaceutics And Pharmacokinetics	1109
M.PHARM.IN PHARMACOGNOSY&PHYTOCHEMISTRY SEM-II (TWO YR.-FOUR SEM.DEGREE COURSE)			1	Dissertation & Viva Voce	2101	5	Pharmaceuticals Dosage Form Technology	1110
1	Phytotherapeutic Materials	5161	2	Seminar	2102	6	Selected Topics In Pharmaceutics	1111
2	Herbal Drug Technology	5162	MASTER OF PHARMACY FIRST YEAR (PHARMACOLOGY)			7	Practicals In Pharmaceutics	1112
3	Cultivation Of Medicinal Plants	5163	1	Biostatistics & Research Methodology	1101	MASTER OF PHARMACY FIRST YEAR(PHARMACOGNOSY &PHYTOCHEM.) (IMPROVEMENT DIVISION)		
4	Biogenesis & Chemistry Of Natural Products	5164	2	Product Development & Formulation	1102	1	Biostatistics & Research Methodology	1121
5	Selected Topics In Pharmacognosy	5165	3	Advanced Physiology	1133	2	Product Development & Formulation	1122
6	Laboratory Course -II	5101	4	Advanced Pharmacology	1134	3	Advanced Pharmacognosy-I	1123
7	Seminar	5102	5	Biological Evaluation Methods & Toxicology	1135	4	Advanced Pharmacognosy-II	1124
M.PHARM.IN PHARMACOGNOSY&PHYTOCHEMISTRY SEM-III(TWO YR.-FOUR SEM.DEGREE COURSE)			6	Selected Topics In Pharmacology	1136	5	Standardization Of Herbal Products	1125
1	Seminar On Research Envisaged For Dissertation	5131	7	Practicals In Pharmacology	1137	6	Selected Topics In Pharmacognosy&Phytochemistry	1126
2	Seminar On Recent Trends In Pharm. Sciences	5132	MASTER OF PHARMACY FIRST YEAR (QUALITY ASSURANCE)			7	Practicals In Pharmacognosy&Phytochemistry	1127
M.PHARM.IN PHARMACOGNOSY&PHYTOCHEMISTRY SEM-IV (TWO YR.-FOUR SEM.DEGREE COURSE)			1	Biostatistics & Research Methodology	1101	MASTER OF PHARMACY FIRST YEAR(PHARMACOGNOSY AND PHYTOCHEMISTRY)		
1	Dissertation Work & Viva - Voce	5141	2	Product Development & Formulation	1102	1	Biostatistics & Research Methodology	1121
2	Seminar On Dissertation	5142	3	Modern Analytical Tech. In Pharmaceutical Research	1128	2	Product Development & Formulation	1122
MASTER OF PHARMACY FINAL YEAR (PHARMACOLOGY)			4	Quality Assurance & Management	1129	3	Advanced Pharmacognosy-I	1123
1	Dissertation & Viva Voce	2101	5	Advances In Pharmaceutical Sciences	1130	4	Advanced Pharmacognosy-II	1124
2	Seminar	2102	6	Selected Topics In Quality Assurance	1131	5	Standardization Of Herbal Products	1125
MASTER OF PHARMACY FINAL YEAR (QUALITY ASSURANCE)			7	Practicals In Quality Assurance	1132	6	Selected Topics In Pharmacognosy&Phytochemistry	1126
1	Dissertation & Viva Voce	2101	MASTER OF PHARMACY FIRST YEAR(INDUSTRIAL PHARMACY)			7	Practicals In Pharmacognosy&Phytochemistry	1127
2	Seminar	2102	1	Biostatistics & Research Methodology	1101	MASTER OF SURGERY (M.S.) IN OPHTHALMOLOGY(EYE)		
MASTER OF PHARMACY FINAL YEAR (QUALITY ASSURANCE)			2	Product Development & Formulation	1102			
1	Dissertation & Viva Voce	2101	3	Advance Industrial Pharmacy-I	1103			
2	Seminar	2102	4	Advance Industrial Pharmacy-II	1104			
MASTER OF PHARMACY FINAL YEAR (QUALITY ASSURANCE)			5	Industrial Process Validation & Production Mgmt.	1105			
1	Dissertation & Viva Voce	2101						
2	Seminar	2102						

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**MASTER OF SURGERY (M.S.) IN
OPHTHALMOLOGY(EYE)**

1	Basic Sci.Related To Ophthalmolo&Optics&Refracti on	3065
2	Ophthalmic Medi&SurgeryDisea.ofEye,Ad nexa&Orbit	3066
3	Systemic Ophthal.inclu.Neuro- Ophth&EyeGen.Med.Surg	3067
4	Multiple Choice Ques.&Ophth.essay&Recent Trend/Adv	3068
5	Theory - Internal Assessment	3069
6	Practical - Clinical Exercise	3070
7	Practical - Oral / Viva Voce	3071
8	Practical - Internal Assessment	3072

**MASTER OF SURGERY (M.S.) IN
OTORHINOLARYNGOLOGY(E.N.
T.)**

1	Basic Sci.Related To Otorhinolaryngology Head&Neck	3073
2	Diseases Of Ear,Nose,Throat&Head-Neck	3074
3	Broad Prin.of Gen.Sur.Rela.Otorhi.Hd,Neck, Face,Thr	3075
4	Multiple Choice Questions - Eassy On ENT	3076
5	Theory - Internal Assessment	3077
6	Practical - Clinical Exercise	3078
7	Practical - Oral / Viva Voce	3079
8	Practical - Internal Assessment	3080

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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FACULTY OF SCIENCE
B.SC.PART-I (SEMESTER - I)

1	English	ENG
2	Hindi	HIN
3	Marathi	MAR
4	Pali & Prakrit	PAP
5	Sanskrit	SNS
6	Supplenmentary English	SPE
7	Urdu	URD
8	Apiculture	APC
9	Biochemistry	BCM
10	Bio Informatics	BFM
11	Botany	BOT
12	Biological Tech. & Spec.Prep.	BSP
13	BioTechnology	BTC
14	Chemistry	CHE
15	Computer Application	CPA
16	Computer Maintainance	CPM
17	Computer Science	CPS
18	Computer Application(Vocational)	CPV
19	Electronics (Instrumentation)	ETC
20	Enviromental Science	EVS
21	Fishries	FIS
22	Forensic Science	FRS
23	Food Science	FSC
24	Geology	GOG
25	Geography	GOP
26	Industrial Chemistry(Vocational)	ICV
27	Industrial Fish & Fisheries	IFF
28	Information Technology	IFT
29	Industrial Microbiology	IMB
30	Industrial Chemistry	INC
31	Instrumentation	INT
32	Microbiology	MCB
33	Mathematics	MTH
34	Petrochemical Science	PCH
35	Physics	PHY
36	Seed Technology	SDT
37	Statistics	STS
38	Zoology	ZOO

**B.SC.PART-I (SEMESTER - I)
(ANNUAL PATTERN ABS INTO SEMESTER)**

1	English	ENG
2	Hindi	HIN
3	Marathi	MAR
4	Pali & Prakrit	PAP
5	Sanskrit	SNS
6	Supplenmentary English	SPE
7	Urdu	URD
8	Apiculture	APC
9	Biochemistry	BCM
10	Bio Informatics	BFM

**B.SC.PART-I (SEMESTER - I)
(ANNUAL PATTERN ABS INTO SEMESTER)**

11	Botany	BOT
12	Biological Tech. & Spec.Prep.	BSP
13	BioTechnology	BTC
14	Chemistry	CHE
15	Computer Application	CPA
16	Computer Maintainance	CPM
17	Computer Science	CPS
18	Computer Application(Vocational)	CPV
19	Electronics (Instrumentation)	ETC
20	Enviromental Science	EVS
21	Fishries	FIS
22	Food Science	FSC
23	Geology	GOG
24	Geography	GOP
25	Industrial Chemistry(Vocational)	ICV
26	Industrial Fish & Fisheries	IFF
27	Information Technology	IFT
28	Industrial Microbiology	IMB
29	Industrial Chemistry	INC
30	Instrumentation	INT
31	Microbiology	MCB
32	Mathematics	MTH
33	Petrochemical Science	PCH
34	Physics	PHY
35	Seed Technology	SDT
36	Statistics	STS
37	Zoology	ZOO

B.SC.PART-I (SEMESTER - II)

1	English	ENG
2	Hindi	HIN
3	Marathi	MAR
4	Pali & Prakrit	PAP
5	Sanskrit	SNS
6	Supplenmentary English	SPE
7	Urdu	URD
8	Apiculture	APC
9	Biochemistry	BCM
10	Bio Informatics	BFM
11	Botany	BOT
12	Biological Tech. & Spec.Prep.	BSP
13	BioTechnology	BTC
14	Chemistry	CHE
15	Computer Application	CPA
16	Computer Maintainance	CPM
17	Computer Science	CPS
18	Computer Application(Vocational)	CPV
19	Electronics (Instrumentation)	ETC
20	Enviromental Science	EVS
21	Fishries	FIS

B.SC.PART-I (SEMESTER - II)

22	Forensic Science	FRS
23	Food Science	FSC
24	Geology	GOG
25	Geography	GOP
26	Industrial Chemistry(Vocational)	ICV
27	Industrial Fish & Fisheries	IFF
28	Information Technology	IFT
29	Industrial Microbiology	IMB
30	Industrial Chemistry	INC
31	Instrumentation	INT
32	Microbiology	MCB
33	Mathematics	MTH
34	Petrochemical Science	PCH
35	Physics	PHY
36	Seed Technology	SDT
37	Statistics	STS
38	Zoology	ZOO

**B.SC.PART-I (SEMESTER - II)
(ANNUAL PATTERN ABS INTO SEMESTER)**

1	Botany	BOT
2	English	ENG
3	Hindi	HIN
4	Marathi	MAR
5	Pali & Prakrit	PAP
6	Sanskrit	SNS
7	Supplenmentary English	SPE
8	Urdu	URD
9	Apiculture	APC
10	Biochemistry	BCM
11	Bio Informatics	BFM
12	Biological Tech. & Spec.Prep.	BSP
13	BioTechnology	BTC
14	Chemistry	CHE
15	Computer Application	CPA
16	Computer Maintainance	CPM
17	Computer Science	CPS
18	Computer Application(Vocational)	CPV
19	Electronics (Instrumentation)	ETC
20	Enviromental Science	EVS
21	Fishries	FIS
22	Food Science	FSC
23	Geology	GOG
24	Geography	GOP
25	Industrial Chemistry(Vocational)	ICV
26	Industrial Fish & Fisheries	IFF
27	Information Technology	IFT
28	Industrial Microbiology	IMB
29	Industrial Chemistry	INC
30	Instrumentation	INT
31	Microbiology	MCB

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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B.SC.PART-I (SEMESTER - II)
(ANNUAL PATTERN ABS INTO SEMESTER)

32	Mathematics	MTH
33	Petrochemical Science	PCH
34	Physics	PHY
35	Seed Technology	SDT
36	Statistics	STS
37	Zoology	ZOO

B.SC.PART-I (OLD) (ANNUAL PATTERN ABS INTO SEMESTER)(SEMESTER-I & II)

1	English	ENG
2	Hindi	HIN
3	Marathi	MAR
4	Pali & Prakrit	PAP
5	Sanskrit	SNS
6	Supplementary English	SPE
7	Urdu	URD
8	Biochemistry	BCM
9	Bio Informatics	BFM
10	Botany	BOT
11	Biological Tech. & Spec.Prep.	BSP
12	BioTechnology	BTC
13	Chemistry	CHE
14	Computer Application	CPA
15	Computer Maintenance	CPM
16	Computer Science	CPS
17	Electronics (Instrumentation)	ETC
18	Environmental Science	EVS
19	Fisheries	FIS
20	Food Science	FSC
21	Geology	GOG
22	Geography	GOP
23	Industrial Chemistry(Vocational)	ICV
24	Industrial Fish & Fisheries	IFF
25	Industrial Microbiology	IMB
26	Industrial Chemistry	INC
27	Instrumentation	INT
28	Microbiology	MCB
29	Mathematics	MTH
30	Petrochemical Science	PCH
31	Physics	PHY
32	Seed Technology	SDT
33	Statistics	STS
34	Zoology	ZOO

B.SC.PART-II (SEMESTER - III)

1	Apiculture	APC
2	Biochemistry	BCM
3	Bio Informatics	BFM
4	Botany	BOT
5	Biological Tech. & Spec.Prep.	BSP
6	BioTechnology	BTC
7	Chemistry	CHE

B.SC.PART-II (SEMESTER - III)

8	Computer Application	CPA
9	Computer Maintenance	CPM
10	Computer Science	CPS
11	Electronics (Instrumentation)	ETC
12	Environmental Science	EVS
13	Fisheries	FIS
14	Food Science	FSC
15	Geology	GOG
16	Industrial Chemistry(Vocational)	ICV
17	Industrial Fish & Fisheries	IFF
18	Information Technology	IFT
19	Industrial Microbiology	IMB
20	Industrial Chemistry	INC
21	Instrumentation	INT
22	Microbiology	MCB
23	Mathematics	MTH
24	Petrochemical Science	PCH
25	Physics	PHY
26	Seed Technology	SDT
27	Statistics	STS
28	Zoology	ZOO
29	Computer Application(Vocational)	CPV
30	Geography	GOP

B.SC.PART-II (SEMESTER - III)
(ANNUAL PATTERN ABS INTO SEMESTER)

1	Apiculture	APC
2	Biochemistry	BCM
3	Bio Informatics	BFM
4	Biological Tech. & Spec.Prep.	BSP
5	BioTechnology	BTC
6	Chemistry	CHE
7	Computer Application	CPA
8	Computer Maintenance	CPM
9	Computer Science	CPS
10	Computer Application(Vocational)	CPV
11	Electronics (Instrumentation)	ETC
12	Environmental Science	EVS
13	Fisheries	FIS
14	Food Science	FSC
15	Geology	GOG
16	Geography	GOP
17	Industrial Chemistry(Vocational)	ICV
18	Industrial Fish & Fisheries	IFF
19	Information Technology	IFT
20	Industrial Microbiology	IMB
21	Industrial Chemistry	INC
22	Instrumentation	INT
23	Microbiology	MCB
24	Mathematics	MTH
25	Petrochemical Science	PCH

B.SC.PART-II (SEMESTER - III)
(ANNUAL PATTERN ABS INTO SEMESTER)

26	Physics	PHY
27	Seed Technology	SDT
28	Statistics	STS
29	Zoology	ZOO
30	Botany	BOT

B.SC.PART-II (SEMESTER - IV)

1	Apiculture	APC
2	Biochemistry	BCM
3	Bio Informatics	BFM
4	Botany	BOT
5	Biological Tech. & Spec.Prep.	BSP
6	BioTechnology	BTC
7	Chemistry	CHE
8	Computer Application	CPA
9	Computer Maintenance	CPM
10	Computer Science	CPS
11	Electronics (Instrumentation)	ETC
12	Environmental Science	EVS
13	Fisheries	FIS
14	Food Science	FSC
15	Geology	GOG
16	Geography	GOP
17	Industrial Chemistry(Vocational)	ICV
18	Industrial Fish & Fisheries	IFF
19	Information Technology	IFT
20	Industrial Microbiology	IMB
21	Industrial Chemistry	INC
22	Instrumentation	INT
23	Microbiology	MCB
24	Mathematics	MTH
25	Petrochemical Science	PCH
26	Physics	PHY
27	Seed Technology	SDT
28	Statistics	STS
29	Zoology	ZOO
30	Computer Application(Vocational)	CPV

B.SC.PART-II (SEMESTER - IV)
(ANNUAL PATTERN ABS INTO SEMESTER)

1	Apiculture	APC
2	Biochemistry	BCM
3	Bio Informatics	BFM
4	Botany	BOT
5	Biological Tech. & Spec.Prep.	BSP
6	BioTechnology	BTC
7	Chemistry	CHE
8	Computer Application	CPA
9	Computer Maintenance	CPM
10	Computer Science	CPS
11	Computer Application(Vocational)	CPV

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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B.SC.PART-II (SEMESTER - IV)
(ANNUAL PATTERN ABS INTO SEMESTER)

12	Electronics (Instrumentation)	ETC
13	Environmental Science	EVS
14	Fisheries	FIS
15	Food Science	FSC
16	Geology	GOG
17	Geography	GOP
18	Industrial Chemistry(Vocational)	ICV
19	Industrial Fish & Fisheries	IFF
20	Information Technology	IFT
21	Industrial Microbiology	IMB
22	Industrial Chemistry	INC
23	Instrumentation	INT
24	Microbiology	MCB
25	Mathematics	MTH
26	Petrochemical Science	PCH
27	Physics	PHY
28	Seed Technology	SDT
29	Statistics	STS
30	Zoology	ZOO

B.SC.PART-II (OLD) (ANNUAL PATTERN ABS INTO SEMESTER)(SEMESTER-III & IV)

1	Biochemistry	BCM
2	Bio Informatics	BFM
3	Botany	BOT
4	Biological Tech. & Spec.Prep.	BSP
5	BioTechnology	BTC
6	Chemistry	CHE
7	Computer Application	CPA
8	Computer Maintenance	CPM
9	Computer Science	CPS
10	Environmental Education	ENV
11	Electronics (Instrumentation)	ETC
12	Environmental Science	EVS
13	Fisheries	FIS
14	Food Science	FSC
15	Geology	GOG
16	Geography	GOP
17	Industrial Chemistry(Vocational)	ICV
18	Industrial Fish & Fisheries	IFF
19	Industrial Microbiology	IMB
20	Industrial Chemistry	INC
21	Instrumentation	INT
22	Microbiology	MCB
23	Mathematics	MTH
24	Petrochemical Science	PCH
25	Physics	PHY
26	Seed Technology	SDT
27	Statistics	STS
28	Zoology	ZOO

B.SC.PART-III (SEMESTER - V)

1	Apiculture	APC
2	Computer Science	CPS
3	Environmental Science	EVS
4	Fisheries	FIS
5	Seed Technology	SDT
6	Statistics	STS
7	Biochemistry	BCM
8	Bio Informatics	BFM
9	Botany	BOT
10	Biological Tech. & Spec.Prep.	BSP
11	BioTechnology	BTC
12	Chemistry	CHE
13	Computer Application	CPA
14	Computer Maintenance	CPM
15	Computer Application(Vocational)	CPV
16	Electronics (Instrumentation)	ETC
17	Food Science	FSC
18	Geology	GOG
19	Geography	GOP
20	Industrial Chemistry(Vocational)	ICV
21	Industrial Fish & Fisheries	IFF
22	Information Technology	IFT
23	Industrial Microbiology	IMB
24	Industrial Chemistry	INC
25	Instrumentation	INT
26	Microbiology	MCB
27	Mathematics	MTH
28	Petrochemical Science	PCH
29	Physics	PHY
30	Zoology	ZOO

B.SC.PART-III (SEMESTER - V)
(ANNUAL PATTERN ABS INTO SEMESTER)

1	Apiculture	APC
2	Biochemistry	BCM
3	Bio Informatics	BFM
4	Botany	BOT
5	Biological Tech. & Spec.Prep.	BSP
6	BioTechnology	BTC
7	Chemistry	CHE
8	Computer Application	CPA
9	Computer Maintenance	CPM
10	Computer Science	CPS
11	Computer Application(Vocational)	CPV
12	Electronics (Instrumentation)	ETC
13	Environmental Science	EVS
14	Fisheries	FIS
15	Food Science	FSC
16	Geology	GOG
17	Geography	GOP
18	Industrial Chemistry(Vocational)	ICV

B.SC.PART-III (SEMESTER - V)
(ANNUAL PATTERN ABS INTO SEMESTER)

19	Industrial Fish & Fisheries	IFF
20	Information Technology	IFT
21	Industrial Microbiology	IMB
22	Industrial Chemistry	INC
23	Instrumentation	INT
24	Microbiology	MCB
25	Mathematics	MTH
26	Petrochemical Science	PCH
27	Physics	PHY
28	Seed Technology	SDT
29	Statistics	STS
30	Zoology	ZOO

B.SC.PART-III (SEMESTER - VI)

1	Chemistry	CHE
2	Environmental Science	EVS
3	Fisheries	FIS
4	Geology	GOG
5	Apiculture	APC
6	Biochemistry	BCM
7	Bio Informatics	BFM
8	Botany	BOT
9	Biological Tech. & Spec.Prep.	BSP
10	BioTechnology	BTC
11	Computer Application	CPA
12	Computer Maintenance	CPM
13	Computer Science	CPS
14	Computer Application(Vocational)	CPV
15	Electronics (Instrumentation)	ETC
16	Food Science	FSC
17	Geography	GOP
18	Industrial Chemistry(Vocational)	ICV
19	Industrial Fish & Fisheries	IFF
20	Information Technology	IFT
21	Industrial Microbiology	IMB
22	Industrial Chemistry	INC
23	Instrumentation	INT
24	Microbiology	MCB
25	Mathematics	MTH
26	Petrochemical Science	PCH
27	Physics	PHY
28	Seed Technology	SDT
29	Statistics	STS
30	Zoology	ZOO

B.SC.PART-III (SEMESTER - VI)
(ANNUAL PATTERN ABS INTO SEMESTER)

1	Apiculture	APC
2	Biochemistry	BCM
3	Bio Informatics	BFM
4	Botany	BOT

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**B.SC.PART-III (SEMESTER - VI)
(ANNUAL PATTERN ABS INTO SEMESTER)**

5	BioTechnology	BTC
6	Chemistry	CHE
7	Computer Application	CPA
8	Computer Maintenance	CPM
9	Computer Science	CPS
10	Computer Application(Vocational)	CPV
11	Electronics (Instrumentation)	ETC
12	Environmental Science	EVS
13	Fisheries	FIS
14	Food Science	FSC
15	Geology	GOG
16	Geography	GOP
17	Industrial Chemistry(Vocational)	ICV
18	Industrial Fish & Fisheries	IFF
19	Information Technology	IFT
20	Industrial Microbiology	IMB
21	Industrial Chemistry	INC
22	Instrumentation	INT
23	Microbiology	MCB
24	Mathematics	MTH
25	Petrochemical Science	PCH
26	Physics	PHY
27	Seed Technology	SDT
28	Statistics	STS
29	Zoology	ZOO

B.SC.PART-III (OLD) (ANNUAL PATTERN ABS INTO SEMESTER)(SEMESTER-V & VI)

1	Biochemistry	BCM
2	Bio Informatics	BFM
3	Botany	BOT
4	Biological Tech. & Spec.Prep.	BSP
5	BioTechnology	BTC
6	Chemistry	CHE
7	Computer Application	CPA
8	Computer Maintenance	CPM
9	Computer Science	CPS
10	Computer Application(Vocational)	CPV
11	Electronics (Instrumentation)	ETC
12	Environmental Science	EVS
13	Fisheries	FIS
14	Food Science	FSC
15	Geology	GOG
16	Geography	GOP
17	Industrial Chemistry(Vocational)	ICV
18	Industrial Fish & Fisheries	IFF
19	Information Technology	IFT
20	Industrial Microbiology	IMB
21	Industrial Chemistry	INC
22	Instrumentation	INT

B.SC.PART-III (OLD) (ANNUAL PATTERN ABS INTO SEMESTER)(SEMESTER-V & VI)

23	Microbiology	MCB
24	Mathematics	MTH
25	Petrochemical Science	PCH
26	Physics	PHY
27	Seed Technology	SDT
28	Statistics	STS
29	Zoology	ZOO

BACHELOR OF COMPUTER APPLICATION PART-I SEMESTER-I

1	Computer Fundamentals	1001
2	C - Programming	1002
3	Digital Techniques-I	1003
4	Numerical Methods	1004
5	Discrete Mathematics	1005
6	Communication Skill	1006
7	Lab I Based On Sub.1001&1002(1ST1&1ST2)	1007

BACHELOR OF COMPUTER APPLICATION PART-I SEMESTER-II

1	Operating System	1021
2	Advanced C	1022
3	Digital Techniques -II	1023
4	Numerical Methods	1024
5	Discrete Mathematics-II	1025
6	Communication Skill	1026
7	Lab I Based On Sub.1021&1022(2ST1&2ST2)	1027

BACHELOR OF COMPUTER APPLICATION PART-I SEM-I (ANNUAL PATTERN ABS INTO SEM.)

1	Computer Fundamentals	1001
2	C - Programming	1002
3	Digital Techniques-I	1003
4	Numerical Methods	1004
5	Discrete Mathematics	1005
6	Communication Skill	1006

BACHELOR OF COMPUTER APPLICATION PART-I SEM-II (ANNUAL PATTERN ABS INTO SEM.)

1	Operating System	1021
2	Advanced C	1022
3	Digital Techniques -II	1023
4	Numerical Methods	1024
5	Discrete Mathematics-II	1025
6	Communication Skill	1026

BACHELOR OF COMPUTER APPLICATION PART-I SEM-III (ANNUAL PATTERN ABS INTO SEM.)

1	Electronics	1035
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BACHELOR OF COMPUTER APPLICATION PART-I(ANNUAL ABS INTO SEM)(SEM 1, 2 & 3)

1	Computer Fundamental & DOS	CFD
2	Digital Electronics	DEC

BACHELOR OF COMPUTER APPLICATION PART-I(ANNUAL ABS INTO SEM)(SEM 1, 2 & 3)

3	The 8086 Microprocessor	MPC
4	C Programming	CPG
5	Numerical Methods	NMR
6	Discrete Mathematics	DCT
7	Communication Skill	CSK
8	Pract.On Computer Fund., DOS & Digital Electronic	CFP
9	Pract. Based On Ms-Office	MOP

BACHELOR OF COMPUTER APPLICATION PART-II SEMESTER-III

1	Data Structure	1031
2	Object Oriented Programming With C++	1032
3	Data Base Management System	1033
4	Advanced Operating System	1034
5	Electronics	1035
6	Lab-I Based On 3ST1 & 3ST2	1036
7	Lab-II Based On 3ST3 & 3ST4	1037

BACHELOR OF COMPUTER APPLICATION PART-II SEMESTER-IV

1	System Analysis Design & MIS	1041
2	Visual Basic	1042
3	Web Designing And Office Automation	1043
4	Networking	1044
5	Advance Microporocessors&Microcontroller	1045
6	Lab-I Based On 4ST1 & 4ST2	1046
7	Lab-II Based On 4ST3 & 4ST4	1047

BACHELOR OF COMPUTER APPLICATION PART-II SEM-III (ANNUAL PATTERN ABS INTO SEM.)

1	Data Structure	1031
2	Object Oriented Programming With C++	1032
3	Data Base Management System	1033
4	Advanced Operating System	1034

BACHELOR OF COMPUTER APPLICATION PART-II SEM-IV (ANNUAL PATTERN ABS INTO SEM.)

1	System Analysis Design & MIS	1041
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BACHELOR OF COMPUTER APPLICATION PART-II SEM-V (ANNUAL PATTERN ABS INTO SEM.)

1	E-Commerce	1055
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BACHELOR OF COMPUTER APPLICATION PART-II(ANNUAL ABS INTO SEM)(SEM 3, 4 & 5)

1	Data Structure	DST
2	Programming In C++	CPN
3	Data Base Management System	DBM
4	Operating System	OST
5	SAD & MIS	MIS

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
BACHELOR OF COMPUTER APPLICATION PART-II(ANNUAL ABS INTO SEM)(SEM 3 , 4 &5)			DIPLOMA IN SOIL AND WATER ANALYSIS (ONE YEAR COURSE)			M. SC. (BIO INFORMATICS) SEMESTER-I (CBCS)(NEW)		
6	Accountancy & Financial Management	AFM	2	Instrumentation In Analysis	IAS	3	Computer For Biologist	3133
BACHELOR OF COMPUTER APPLICATION PART-III SEMESTER-V			3	Water Analysis	WAS	4	Introduction To Bioinformatics	3134
1	Core JAVA	1051	4	Soil Analysis	SAN	5	Lab-I	3001
2	Network Security	1052	5	Pr-I Water Analysis	PWA	6	Lab-II	3002
3	Software Engineering	1053	6	Pr-II Soil Analysis	PSL	M. SC. (BIO INFORMATICS) SEMESTER-I (CBCS)(OLD)		
4	Computer Graphics	1054	7	Project Work	PRW	1	Evolution Systematics,Diversity & Genetics	2646
5	E-Commerce	1055	DIPLOMA IN BIO-INFORMATICS (ONE YEAR COURSE)			2	Cell & Molecular Biology	2647
6	Lab I Based On Sub.1051&1052(5ST1&5ST2)	1056	1	Molecular Biology	MBI	3	Biochemistry & Biophysics	2648
7	Lab II Based On Sub.1053&1054(5ST3&5ST4)	1057	2	Biological Databases And Databanks	BDD	4	Biostatistics & Applied Mathematics	2649
BACHELOR OF COMPUTER APPLICATION PART-III SEMESTER-VI			3	Drug Design, Gene Therapy , Plant Genomics	DDP	5	Lab-I	3001
1	NET Using ASP	1061	4	Biocomputing And Programming	BTP	6	Lab-II	3002
2	Client Server Technology	1062	5	Pr-I Bioinformatics	PRO	M. SC. (BIO INFORMATICS) SEMESTER-II (CBCS)(NEW)		
3	MultiMedia & Its Applications	1063	6	Pr-II Biocomputing And Programming	PRP	1	Biochemistry & Biophysics	3136
4	Software Testing	1064	7	Project Work	PRW	2	Genomics	3137
5	Advance Database Management System	1065	M. SC. (BIO CHEMISTRY) SEMESTER-I (CBCS)			3	Biological Database Management System	3138
6	Lab I Based On Sub.1061&1062(6ST1&6ST2)	1066	1	Biomolecules	2371	4	Techniques In Bioinformatics	3139
7	Lab II Based On Sub.1063&1064(6ST3&6ST4)	1067	2	Analytical Techniques	2372	5	Lab-III	3003
BACHELOR OF COMPUTER APPLICATION PART-III SEM-IV (ANNUAL PATT. ABS INTO SEM.)			3	Advance Enzymology	2373	6	Lab-IV	3004
1	Visual Basic	1042	4	Bio-Energetics & Biological Oxidation	2374	M. SC. (BIO INFORMATICS) SEMESTER-II (CBCS)(OLD)		
2	Web Designing And Office Automation	1043	5	Lab-I	3001	1	Structural Biology	2651
3	Networking	1044	6	Lab-II	3002	2	Computers For Biologists	2652
BACHELOR OF COMPUTER APPLICATION PART-III SEM-V (ANNUAL PATT. ABS INTO SEM.)			M. SC. (BIO CHEMISTRY) SEMESTER-II (CBCS)			3	Bioinformatics-I	2653
1	Software Engineering	1053	1	Clinical Biochemistry	2381	4	Networks & Distributed Computing	2654
2	Computer Graphics	1054	2	Endocrinology & Neurochemistry	2382	5	Lab-III	3003
BACHELOR OF COMPUTER APPLICATION PART-III SEM-VI (ANNUAL PATT. ABS INTO SEM.)			3	Cell Biology	2383	6	Lab-IV	3004
1	MultiMedia & Its Applications	1063	4	Bioinformatics,Biostatistics&Research Methodology	2384	M. SC. (BIO INFORMATICS) SEMESTER-III (CBCS)(NEW)		
2	Advance Database Management System	1065	5	Lab-III	3003	1	System Biology	3141
BACHELOR OF COMPUTER APPLICATION PART-III(ANNUAL ABS INTO SEM)(SEM 4 , 5 &6)			6	Lab-IV	3004	2	Protiomics	3142
1	Data Communication Network	DCW	M. SC. (BIO CHEMISTRY) SEMESTER-III (CBCS)			3	Bio-Programming-I	3143
2	Software Engineering	STE	1	Basic Immunology	2391	4	Parasite Informatics	3144
3	VISUAL Basic	VIS	2	Applied Immunology	2392	5	Lab-V	3005
4	Computer Graphics & Multimedia	CGM	3	Fermentation Technology	2393	6	Lab-VI	3006
5	Advanced Database Management Concept	ADC	4	Recombinant DNA Technology	2394	M. SC. (BIO INFORMATICS) SEMESTER-III (CBCS)(OLD)		
6	Web Application Development	WAD	5	Lab-V	3005	1	Data Structures & Programming Concepts	2656
CERTIFICATE COURSE IN PLANT TISSUE CULTURE			6	Lab-VI	3006	2	Physics & Chemistry For Biologists	2657
1	Plant Tissue Culture	PTC	M. SC. (BIO CHEMISTRY) SEMESTER-IV (CBCS)			3	Bioethics & Intelle. Property Rights &Java Prog.	2658
DIPLOMA IN SOIL AND WATER ANALYSIS (ONE YEAR COURSE)			1	Physiology	2401	4	Relational Database Management System	2659
1	Basic Priciples In Analysis	BPA	2	Advanced Molecular Biology	2402	5	Lab-V	3005
			3	Plant Biochemistry	2403	6	Lab-VI	3006
			4	Plant Nutrition & Reproduction	2404	M. SC. (BIO INFORMATICS) SEMESTER-IV (CBCS)(NEW)		
			5	Lab-VII	3007	1	Molecular Modeling & Drug Design	3146
			6	Project	3008	2	Chemo-Informatics	3147
			M. SC. (BIO INFORMATICS) SEMESTER-I (CBCS)(NEW)			3	Bio-Programming-II	3148
			1	Mathematics&Biostatistics	3131	4	Research Methodology,IPR&Bioethics	3149
			2	Cell & Molecular Biology	3132			

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
M. SC. (BIO INFORMATICS) SEMESTER-IV (CBCS)(NEW)			M. SC. (BIOTECHNOLOGY) SEMESTER-IV (CBCS)			M. SC. (BOTANY) SEMESTER-III (CBCS)		
5	Lab-VII	3007	7	Transgenic Technology	2698	22	Lab-V-Plant Tissue Culture	3042
6	Project	3008	8	Statistics For Biologist	2699	23	Lab-V-Applied Mycology & Plant Pathology	3043
M. SC. (BIO INFORMATICS) SEMESTER-IV (CBCS)(OLD)			9	Entrepreneurship Biotechnology	2700	M. SC. (BOTANY) SEMESTER-IV (CBCS)		
1	Applications Of Bioinformatics	2661	10	Molecular Marker In Genome Analysis	2760	1	Plant Ecology	2211
2	Genomics & Proteomics	2662	11	Lab Course-VI	3016	2	Environmental Ecology	2212
3	Bioinformatics-II	2663	12	Project	3024	3	Plant Biotechnology	2213
4	Molecular Modelling & Drug Design	2664	M. SC. (BOTANY) SEMESTER-I (CBCS)			4	Genetic Engineering	2214
5	Lab-VII	3007	1	Cell Biology,Cytology & Genetics	2161	5	Lab-VII	3007
6	Project	3008	2	Resource Utilization & Conservation	2162	6	Project	3008
M. SC. (BIOTECHNOLOGY) SEMESTER-I (CBCS)			3	Biology & Diversity Of Algae & Bryophytes	2163	M. SC. (CHEMISTRY) SEMESTER-I (CBCS)		
1	Cell Biology	2686	4	Plant Development & Reproduction	2164	1	Inorganic Chemistry	2101
2	Macromolecules & Enzymology	2687	5	Lab-I	3001	2	Organic Chemistry-I	2102
3	Microbase Physiology & Genetics	2688	6	Lab-II	3002	3	Physical Chemistry-I	2103
4	Biology Of The Immune System	2689	M. SC. (BOTANY) SEMESTER-II (CBCS)			4	Modern Methods Of Separation	2104
5	Lab Course-I	3011	1	Cytogenetics & Molecular Biology	2171	5	Lab-I	3001
6	Lab Course-II	3012	2	Biology & Diversity Of Microbes & Fungi	2172	6	Lab-II	3002
M. SC. (BIOTECHNOLOGY) SEMESTER-II (CBCS)			3	Plant Physiology	2173	M. SC. (CHEMISTRY) SEMESTER-II (CBCS)		
1	Molecular Biology	2691	4	Plant Metabolism	2174	1	Co-ordination Chemistry	2111
2	Bioprocess Engineering & Technology	2692	5	Lab-III	3003	2	Organic Chemistry-II	2112
3	Plant Biotechnology	2693	6	Lab-IV	3004	3	Physical Chemistry-II	2113
4	Bioenergetics	2694	M. SC. (BOTANY) SEMESTER-III (CBCS)			4	Optical Methods & Environmental Chemistry	2114
5	Phytosecondary Metabolites	2695	1	Biology & Diversity Of Pteridophytes & Gymnosperms	2181	5	Lab-III	3003
6	Drug Discovery	2696	2	TAxonomy Of Angiosperms	2182	6	Lab-IV	3004
7	Protein Structure Prediction & Analysis	2697	3	Plant Tissue Culture -I	2183	M. SC. (CHEMISTRY) SEMESTER-III (CBCS)		
8	Transgenic Technology	2698	4	BiInformatics-I	2185	1	Spectroscopy-I	2121
9	Statistics For Biologist	2699	5	AngiospermTaxonomy,Phytoc hemistry&Pharmacognosy-I	2187	2	Analytical Chm- I:Thermal&ElectroAnal.Metho ds	2122
10	Entrepreneurship Biotechnology	2700	6	Advanced Plant Physiology&Biochemistry-I	2189	3	Inorganics Chemistry(Bio-Inorganic Chemistry)	2123
11	Molecular Marker In Genome Analysis	2760	7	Molecular Biology,Biotechnology&Plant Breeding-I	2191	4	Organics Chemistry(Organic Synthesis-I)	2125
12	Lab Course-III	3013	8	Palaeobotany(Evolutionary Botany)-I	2193	5	Physical Chemistry-I	2127
13	Lab Course-IV	3014	9	Reproductive Biology Of Angiosperms-I	2195	6	Industrial Chemistry(Heat Tran.,Unit Opr.&Mat.Bal)	2129
M. SC. (BIOTECHNOLOGY) SEMESTER-III (CBCS)			10	Applied Mycology-I	2197	7	Inorganics Chemistry(Solid State Chemistry)	2124
1	Animal Cell Science & Technology	2701	11	Plant Tissue Culture -II	2184	8	Organics Chemistry(Natural Product-I)	2126
2	Genetics Engineering	2702	12	BiInformatics-II	2186	9	Physical Chemistry-II	2128
3	Biostatistics & Bioinformatics	2703	13	AngiospermTaxonomy,Phytoc hemistry&Pharmacognosy-II	2188	10	Industrial Chemistry(Process Eco.&Industrial Mngt.	2130
4	Lab Course-V	3015	14	Advanced Plant Physiology&Biochemistry-II	2190	11	Lab-V	3005
5	Internal Assessment	3022	15	Molecular Biology,Biotechnology&Plant Breeding-II	2192	12	Lab-VI	3006
6	Assignment	3023	16	Palaeobotany(Evolutionary Botany)-II	2194	M. SC. (CHEMISTRY) SEMESTER-IV (CBCS)		
7	Seminar	3021	17	Reproductive Biology Of Angiosperms-II	2196	1	Spectroscopy-II	2141
M. SC. (BIOTECHNOLOGY) SEMESTER-IV (CBCS)			18	Plant Pathalogy-II	2198	2	General Analytical Chemistry	2142
1	Enviromental Biotechnology	2704	19	Lab-V	3005	3	Inorganic Chemistry(Photoinorganic&Or ganic Che)	2143
2	Industrial Biotechnology	2705	20	Lab-VI	3006	4	Organic Chemistry(Organic Synthesis-II)	2145
3	Bioenergetics	2694	21	Lab-V- Reproductive Biology Of Angiosperms	3041	5	Physical Chemistry-III	2147
4	Phytosecondary Metabolites	2695				6	Industrial Chemistry-III	2149
5	Drug Discovery	2696						
6	Protein Structure Prediction & Analysis	2697						

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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**M. SC. (CHEMISTRY)
SEMESTER-IV (CBCS)**

7	Inorganic Chemistry(Materials Chemistry)	2144
8	Organic Chmistry (Natural Product-II)	2146
9	Physical Chemistry-IV	2148
10	Industrial Chemistry-IV	2150
11	Lab-VII	3007
12	Project	3008

**M. SC. (COMPUTER SCIENCE)
SEMESTER-I (CBCS)**

1	Digital System & Microprocessor	2706
2	Data Structure & Algorithm(C++)	2707
3	Object Oriented Programming	2708
4	Digital Communication & Networking	2709
5	System Analysis, Desg&Soft.Engineering	2710
6	Computer Lab-I	3026
7	Computer Lab-II	3027

**M. SC. (COMPUTER SCIENCE)
SEMESTER-I (CBCS) (OLD)**

1	Digital System & Microprocessor	2706
2	Data Structure & Algorithm(C++)	2707
3	Object Oriented Programming	2708
4	Digital Communication & Networking	2709
5	System Analysis, Desg&Soft.Engineering	2710
6	Computer Lab-I	3026
7	Computer Lab-II	3027

**M. SC. (COMPUTER SCIENCE)
SEMESTER-I (CBCS)(NEW)**

1	Digital System & Microprocessor	2881
2	.Net Technologiesand C#	2882
3	Operating System	2883
4	Computer Networks	2884
5	Lab-I	3001
6	Lab-II	3002

**M. SC. (COMPUTER SCIENCE)
SEMESTER-II (CBCS)**

1	System Software & Operating System	2711
2	Windows Programming	2712
3	Microprocessor Programme & Interfacing	2713
4	Computer Graphics & Image Processing	2714
5	Advanced Computer Network	2715
6	Modelling & Simulation	2716
7	Multimedia Techniques	2717
8	Computational Science	2718
9	Compiler Writing	2719
10	Computer Lab-I	3026
11	Computer Lab-II	3027

**M. SC. (COMPUTER SCIENCE)
SEMESTER-II (CBCS) (NEW)**

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**M. SC. (COMPUTER SCIENCE)
SEMESTER-II (CBCS) (NEW)**

1	Java Programming	2891
2	Data Structures	2892
3	Software Enggineering	2893
4	Discrete Mathematical Structures	2894
5	Compiler Construction	2895
6	Digital ICs & Design	2813
7	Lab-III	3003
8	Lab-IV	3004

**M. SC. (COMPUTER SCIENCE)
SEMESTER-III (CBCS)**

1	Web Techniques & Programming	2720
2	Advance Database Management	2721
3	Advance Microprocessor Devices	2722
4	Client Server Computing	2723
5	Embeded System	2724
6	Object Oriented Techniques	2725
7	Network Security	2726
8	Software Testing	2727
9	Comp.Orie.Num.&Stats.Meth.&Optimi.Techniques	2728
10	Computer Lab-V	3039
11	Computer Lab-VI	3040

**M. SC. (COMPUTER SCIENCE)
SEMESTER-III (CBCS) (NEW)**

1	Data Mining & Data Warehousing	2901
2	Computer Graphics	2902
3	Client-Server Computing	2903
4	Distributed Operating System	2904
5	Theory Of Computation	2905
6	Computer Hardware & Interfacing	2824
7	Lab-V	3005
8	Lab-VI	3006

**M. SC. (COMPUTER SCIENCE)
SEMESTER-IV (CBCS)**

1	Artificial Intelligence&Expect System Design	2729
2	Parallel Computer Architecture	2730
3	Operating System Design	2731
4	Mobile Communication	2732
5	Object Oriented Modelling & Design	2733
6	Decision Support System	2734
7	Robotics & Computer Vision	2735
8	Computer Lab-VII	3030
9	Project	3024
10	Seminar	3021
11	Internal Assessment	3022

**M. SC. (COMPUTER SCIENCE)
SEMESTER-IV (CBCS) (NEW)**

1	Artificial Intelligence & Expert Systems	2911
2	Design & Analysis Of Algorithms	2912
3	Network Security	2913

**M. SC. (COMPUTER SCIENCE)
SEMESTER-IV (CBCS) (NEW)**

4	Mobile Communications	2914
5	Digital Image Processing	2915
6	Software Testing	2916
7	Numerical Method & C Programming	2833
8	Fuzzy Logic & Neural Network	2834
9	Lab-VII	3007
10	Project	3008

M. SC. (COMPUTER SOFTWARE) SEMESTER-I (CBCS)

1	Design & Analysis Of Algorithm	2666
2	Operating System	2667
3	. Net Technologies-I	2668
4	Data Communication & Networking	2669
5	Lab-I	3001
6	Lab-II	3002

M. SC. (COMPUTER SOFTWARE) SEMESTER-II (CBCS)

1	Electronic Commerce	2671
2	Core JAVA	2672
3	RDBMS	2673
4	Free Open Source Software	2674
5	Lab-III	3003
6	Lab-IV	3004

M. SC. (COMPUTER SOFTWARE) SEMESTER-III (CBCS)

1	Software Engineering	2676
2	Advanced JAVA	2677
3	.NET Technologies-II	2678
4	Network Security	2679
5	Lab-V	3005
6	Lab-VI	3006

M. SC. (COMPUTER SOFTWARE) SEMESTER-IV (CBCS)

1	Artificial Intelligence	2681
2	Web Server Administration	2682
3	Data Mining & Warehousing	2683
4	Computing Techniques In Bio-Informatics	2684
5	Lab-VII	3007
6	Project	3008

**M. SC. (ELECTRONICS)
SEMESTER-I (CBCS)**

1	Fundamentals Of Semiconductor Devices	2801
2	Instrumentation & Measurement Techniques	2802
3	Biomedical Instrumentation	2803
4	Optical Electronic Devices & Application	2804
5	Lab-I	3001
6	Lab-II	3002

**M. SC. (ELECTRONICS)
SEMESTER-II (CBCS)**

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SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M. SC. (ELECTRONICS) SEMESTER-II (CBCS)		
1	Analog Circuit Design & Analysis	2811
2	Microprocessor & Microcontroller	2812
3	Digital ICs & Design	2813
4	Mechatronics	2814
5	Lab-III	3003
6	Lab-IV	3004

M. SC. (ELECTRONICS) SEMESTER-III (CBCS)		
1	Antena & Mobile Communications	2821
2	Power Electronics	2822
3	Advanced Microcontroller & Embeded System	2823
4	Computer Hardware & Interfacing	2824
5	Distributed Operating System	2904
6	Lab-V	3005
7	Lab-VI	3006

M. SC. (ELECTRONICS) SEMESTER-III (DIRECT SECOND YEAR ADMISSION)(CBCS)		
1	Antena & Mobile Communications	2821
2	Power Electronics	2822
3	Advanced Microcontroller & Embeded System	2823
4	Computer Hardware & Interfacing	2824
5	Lab-V	3005
6	Lab-VI	3006

M. SC. (ELECTRONICS) SEMESTER-IV (CBCS)		
1	VLSI Design & VHDL Programming	2831
2	Virtual Instrumentation	2832
3	Numerical Method & C Programming	2833
4	Fuzzy Logic & Neural Network	2834
5	Digital Image Processing	2915
6	Lab-VII	3007
7	Project	3008

M. SC. (ELECTRONICS) SEMESTER-IV (DIRECT SECOND YEAR ADMISSION)(CBCS)		
1	VLSI Design & VHDL Programming	2831
2	Virtual Instrumentation	2832
3	Numerical Method & C Programming	2833
4	Fuzzy Logic & Neural Network	2834
5	Lab-VII	3007
6	Project	3008

M. SC. (ENVIRONMENTAL SCIENCE) SEMESTER-I (CBCS)(NEW)		
1	Enviromental Sci.-An Interdisciplinary Approach	2981
2	Concepts Of Ecology&Biodiversity	2982
3	Enviromental Chemistry	2983

M. SC. (ENVIRONMENTAL SCIENCE) SEMESTER-I (CBCS)(NEW)		
4	Geodynamics & Energy Resources	2984
5	Lab-I	3001
6	Lab-II	3002

M. SC. (ENVIRONMENTAL SCIENCE) SEMESTER-I (CBCS)(OLD)		
1	Environmental Science-An Interdisciplinary Approac	2411
2	Concepts Of Ecology & Biodiversity	2412
3	Environmental Chemistry	2413
4	Geodynamics & Energy Resources	2414
5	Lab-I	3001
6	Lab-II	3002

M. SC. (ENVIRONMENTAL SCIENCE) SEMESTER-II (CBCS)(NEW)		
1	BioInformatics In Enviromental Analysis	2986
2	Enviromental Microbiology	2987
3	Air & Noise Pollution	2988
4	Water Pollution	2989
5	Lab-III	3003
6	Lab-IV	3004

M. SC. (ENVIRONMENTAL SCIENCE) SEMESTER-II (CBCS)(OLD)		
1	Bioinformatics In Environmental Analysis	2421
2	Environmental Microbiology	2422
3	Air & Noise Pollution	2423
4	Water Pollution	2424
5	Lab-III	3003
6	Lab-IV	3004

M. SC. (ENVIRONMENTAL SCIENCE) SEMESTER-III (CBCS)(NEW)		
1	Terrestrial Pollution	2991
2	Remote Sensing, GIS&Computer Application	2992
3	Enviromental Impact Assessment & Audit	2993
4	Pollution Control Technology	2994
5	Lab-V	3005
6	Lab-VI	3006

M. SC. (ENVIRONMENTAL SCIENCE) SEMESTER-III (CBCS)(OLD)		
1	Terrestrial Polution	2431
2	Remote Sensing, GIS& Computer Applications	2432
3	Environmental Impact Assessment & Audit	2433
4	Pollution Control Technology	2434
5	Lab-V	3005
6	Lab-VI	3006

M. SC. (ENVIRONMENTAL SCIENCE) SEMESTER-IV (CBCS)(NEW)		
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M. SC. (ENVIRONMENTAL SCIENCE) SEMESTER-IV (CBCS)(NEW)		
1	Environmental Toxicology&Hazardous Waste Mngt.	2995
2	Industrial Hygiene & Safety	2996
3	Nature , Conservation&Enviromental Mngt.	2997
4	Enviromental Policies & Legislation	2998
5	Lab-VII	3007
6	Project	3008

M. SC. (ENVIRONMENTAL SCIENCE) SEMESTER-IV (CBCS)(OLD)		
1	Environmental Toxicology&Hazardous Waste Mngt.	2441
2	Industrial Hygiene & Safety	2442
3	Nature, Conservation & Environmental Mngt.	2443
4	Enviromental Policies & Legislation	2444
5	Lab-VII	3007
6	Project	3008

M. SC. (GEO INFORMATICS) SEMESTER-I (CBCS)(NEW)		
1	Priciples Of Remote Sensing	2961
2	Introduction To GIS	2962
3	Geodesy & GPS	2963
4	Introduction To IT	2964
5	Lab-I	3001
6	Lab-II	3002

M. SC. (GEO INFORMATICS) SEMESTER-I (CBCS)(OLD)		
1	Introduction To Geo-informatics	2531
2	Fundamentals Of Cartography	2532
3	Statistical Concepts Applied To Geo-informatics	2533
4	Photogrammetry	2534
5	Lab-I	3001
6	Lab-II	3002

M. SC. (GEO INFORMATICS) SEMESTER-II (CBCS)(NEW)		
1	Principles Of Cartography	2966
2	Digital Image Processing	2967
3	Photogrammetry	2968
4	Spatial Modeling & Analysis	2969
5	Lab-III	3003
6	Lab-IV	3004

M. SC. (GEO INFORMATICS) SEMESTER-II (CBCS)(OLD)		
1	Fundamentals To Remote Sensing&Aerial Photography	2541
2	Recent Trend In GIS	2542
3	Environmental RS & GIS	2543
4	Geodesy	2544
5	Lab-III	3003
6	Lab-IV	3004

M. SC. (GEO INFORMATICS) SEMESTER-III (CBCS)(NEW)		
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SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M. SC. (GEO INFORMATICS) SEMESTER-III (CBCS)(NEW)		
1	Research Methodology	2971
2	GIS Application Development	2972
3	Geinf. Appl. In Natural Resources Mngt	2973
4	Geostatistics	2974
5	Lab-V	3005
6	Lab-VI	3006

M. SC. (GEO INFORMATICS) SEMESTER-III (CBCS)(OLD)		
1	Geographic Information System	2551
2	Resource & Watershed Management	2552
3	Appln. Of GeoInfo.For Large Scale Mapping Mngt.	2553
4	Appln.of GeoInfo. For Natural Resources Mngt.	2554
5	Lab-V	3005
6	Lab-VI	3006

M. SC. (GEO INFORMATICS) SEMESTER-IV (CBCS)(NEW)		
1	Database Management System	2976
2	Web Mapping & Web GIS	2977
3	Geoinf. Appl. In Aggriculture	2978
4	Geoinf. Appl. In Water Resources Mngt.	2979
5	Lab-VII	3007
6	Project	3008

M. SC. (GEO INFORMATICS) SEMESTER-IV (CBCS)(OLD)		
1	Spatial Data Analysis & Modeling	2561
2	Information Of Database Management System	2562
3	Digital Image Processing	2563
4	Remote Sensing In Minaral &Hydrocarbon Exploration	2564
5	Lab-VII	3007
6	Project	3008

M. SC. (GEOLOGY) SEMESTER-I (CBCS)		
1	Mineralogy	2451
2	Structural Geology & Tectonics	2452
3	Geochemistry & Analytical Techniques	2453
4	Palaebiology	2454
5	Lab-I	3001
6	Lab-II	3002

M. SC. (GEOLOGY) SEMESTER-II (CBCS)		
1	Igeneous Petrology	2461
2	Metamorphic Petrology	2462
3	Sedimentology	2463
4	Geomorphology & Field Geology	2464
5	Lab-III	3003
6	Lab-IV	3004

M. SC. (GEOLOGY) SEMESTER-III (CBCS)		
1	Stratigraphy	2471

M. SC. (GEOLOGY) SEMESTER-III (CBCS)		
2	Ore Geology & Mining Geology	2472
3	Hydrogeology	2473
4	Exploration Methods	2474
5	Lab-V	3005
6	Lab-VI	3006

M. SC. (GEOLOGY) SEMESTER-IV (CBCS)		
1	Remote Sensing & GIS	2481
2	Environmental Geology & Engineering Geology	2482
3	Indian Mineral Deposits&Mineral Economics	2483
4	Petroleum & Coal Geology	2484
5	Lab-VII	3007
6	Project	3008

M. SC. (MATHEMATICS) SEMESTER-I (CBCS) (IMPROVEMENT OF DIVISION)		
1	Real Analysis	2001
2	Advanced Abstract Algebra-I	2002
3	Complex Analysis-I	2003
4	Topology-I	2004
5	Differential Geometry-I	2005

M. SC. (MATHEMATICS) SEMESTER-I (CBCS)(NEW)		
1	Real Analysis	3211
2	Advanced Abstract Algebra	3212
3	Complex Analysis	3213
4	Topology-I	3214
5	Differential Geometry	3215
6	Advanced Discrete Mathematics-I	3216

M. SC. (MATHEMATICS) SEMESTER-I (CBCS)(OLD)		
1	Real Analysis	2001
2	Advanced Abstract Algebra-I	2002
3	Complex Analysis-I	2003
4	Topology-I	2004
5	Differential Geometry-I	2005
6	Advanced Discrete Mathematics-I	2006

M. SC. (MATHEMATICS) SEMESTER-I (EXTERNAL) (CBCS)(NEW)		
1	Real Analysis	3211
2	Advanced Abstract Algebra	3212
3	Complex Analysis	3213
4	Topology-I	3214
5	Differential Geometry	3215
6	Advanced Discrete Mathematics-I	3216

M. SC. (MATHEMATICS) SEMESTER-I (EXTERNAL) (CBCS)(OLD)		
1	Real Analysis	2001
2	Advanced Abstract Algebra-I	2002
3	Complex Analysis-I	2003
4	Topology-I	2004

M. SC. (MATHEMATICS) SEMESTER-I (EXTERNAL) (CBCS)(OLD)		
5	Differential Geometry-I	2005
6	Advanced Discrete Mathematics-I	2006
7	Differential & Integral Equations-I	2007

M. SC. (MATHEMATICS) SEMESTER-II (CBCS)		
1	Measure & Integration Theory	2011
2	Advanced Abstract Algebra-II	2012
3	Complex Analysis-II	2013
4	Topology-II	2014
5	Riemannian Geometry	2015
6	Advanced Discrete Mathematics-II	2016
7	Linear Models & Design Of Experiments	2294

M. SC. (MATHEMATICS) SEMESTER-II (CBCS) (IMPROVEMENT OF DIVISION)		
1	Measure & Integration Theory	2011
2	Advanced Abstract Algebra-II	2012
3	Complex Analysis-II	2013
4	Topology-II	2014
5	Riemannian Geometry	2015

M. SC. (MATHEMATICS) SEMESTER-II (CBCS)(NEW)		
1	Measure & Integration Theory	3221
2	Advanced Linear Algebra & Field Theory	3222
3	Integral Equation	3223
4	Topology-II	3224
5	Riemannian Geometry	3225
6	Advanced Discrete Mathematics-II	3226

M. SC. (MATHEMATICS) SEMESTER-II (EXTERNAL) (CBCS)		
1	Measure & Integration Theory	2011
2	Advanced Abstract Algebra-II	2012
3	Complex Analysis-II	2013
4	Topology-II	2014
5	Riemannian Geometry	2015
6	Advanced Discrete Mathematics-II	2016
7	Differential & Integral Equations-II	2017

M. SC. (MATHEMATICS) SEMESTER-II (EXTERNAL) (CBCS)(NEW)		
1	Measure & Integration Theory	3221
2	Advanced Linear Algebra & Field Theory	3222
3	Integral Equation	3223
4	Topology-II	3224
5	Riemannian Geometry	3225
6	Advanced Discrete Mathematics-II	3226

M. SC. (MATHEMATICS) SEMESTER-III (CBCS)		
1	Functional Analysis-I	2021
2	Classical Mechanics	2022

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M. SC. (MATHEMATICS) SEMESTER-III (CBCS)		
3	General Relativity & Cosmology-I	2023
4	Fluid Dynamics-I	2024
5	Operation Reasearch-I	2025
6	Difference Equations-I	2026
7	Fuzzy Sets & Applications-I	2027
8	Wavelet Analysis	2028
9	Banach Algebras-I	2029
10	Non Commutative Rings-I	2030
11	Econometrics-I	2306
12	Condenced Matter Physics - I	2865

M. SC. (MATHEMATICS) SEMESTER-III (CBCS) (IMPROVEMENT OF DIVISION)		
1	Functional Analysis-I	2021
2	Classical Mechanics	2022
3	General Relativity & Cosmology-I	2023
4	Fluid Dynamics-I	2024
5	Difference Equations-I	2026

M. SC. (MATHEMATICS) SEMESTER-III (EXTERNAL) (CBCS)		
1	Functional Analysis-I	2021
2	Classical Mechanics	2022
3	General Relativity & Cosmology-I	2023
4	Fluid Dynamics-I	2024
5	Operation Reasearch-I	2025
6	Difference Equations-I	2026
7	Fuzzy Sets & Applications-I	2027
8	Wavelet Analysis	2028
9	Banach Algebras-I	2029
10	Non Commutative Rings-I	2030

M. SC. (MATHEMATICS) SEMESTER-IV (CBCS)		
1	Functional Analysis-II	2031
2	Partial Differential Equations	2032
3	General Relativity & Cosmology-II	2033
4	Fluid Dyanamics-II	2034
5	Operation Research-II	2035
6	Difference Equations-II	2036
7	Fuzzy Sets & Applications-II	2037
8	Lie Groups	2038
9	Banach Algebras-II	2039
10	Non-Commutative Rings-II	2040

M. SC. (MATHEMATICS) SEMESTER-IV (CBCS) (IMPROVEMENT OF DIVISION)		
1	Functional Analysis-II	2031
2	Partial Differential Equations	2032
3	General Relativity & Cosmology-II	2033
4	Fluid Dyanamics-II	2034
5	Difference Equations-II	2036

M. SC. (MATHEMATICS) SEMESTER-IV (EXTERNAL) (CBCS)		
1	Functional Analysis-II	2031
2	Partial Differential Equations	2032
3	General Relativity & Cosmology-II	2033
4	Fluid Dyanamics-II	2034
5	Operation Research-II	2035
6	Difference Equations-II	2036

M. SC. (MICROBIOLOGY) SEMESTER-I (CBCS)		
1	Microbial Techniques	2331
2	Microbial Enzymology	2332
3	Microbial Physiology & Photosynthesis	2333
4	Environmetal Microbiology	2334
5	Lab-I	3001
6	Lab-II	3002

M. SC. (MICROBIOLOGY) SEMESTER-II (CBCS)		
1	Biostatistics,Bioinformatics&C omputer Applications	2341
2	Enzyme Technology	2342
3	Microbial Metabolism	2343
4	Environmental Microbiology&Extremophiles	2344
5	Lab-III	3003
6	Lab-IV	3004

M. SC. (MICROBIOLOGY) SEMESTER-III (CBCS)		
1	Molecular Biology	2351
2	Virology	2352
3	Fermentation Technology	2353
4	Immunology	2354
5	Lab-V	3005
6	Lab-VI	3006

M. SC. (MICROBIOLOGY) SEMESTER-IV (CBCS)		
1	Biotechnology	2361
2	Clinical Virology	2362
3	Microbial Technology	2363
4	Medical Microbiology	2364
5	Lab-VII	3007
6	Project	3008

M. SC. (PHARMACEUTICAL CHEMISTRY) SEMESTER-I (CBCS)		
1	Inorganic Chemistry	2741
2	Organic Chemistry	2742
3	Physical Chemistry	2743
4	General Analytical Chemistry	2744
5	Organic Chemistry Practical	3031
6	Physical Chemistry Practical	3032

M. SC. (PHARMACEUTICAL CHEMISTRY) SEMESTER-II (CBCS)		
1	Biochemistry	2746
2	Organic Synthesis	2747

M. SC. (PHARMACEUTICAL CHEMISTRY) SEMESTER-II (CBCS)		
3	Biophysical Chemistry	2748
4	General Pharmacology	2749
5	Inorganic Chemistry Practical	3033
6	Inorganic & Analytical Chemistry Pract.	3034

M. SC. (PHARMACEUTICAL CHEMISTRY) SEMESTER-III (CBCS)		
1	Modern Phar.Analytical Tech.-I	2751
2	Medicinal Chemistry -I	2752
3	Advanced Organic Chemistry - I	2753
4	Natural Product Of Medicinal Interest	2754
5	Organic Chemistry Practical	3031
6	Advaced Medicinal Chemistry Practical	3036

M. SC. (PHARMACEUTICAL CHEMISTRY) SEMESTER-IV (CBCS)		
1	Medicinal Chemistry -II	2756
2	Advanced Organic Chemistry -II	2757
3	Drug Development Analysis	2758
4	Concept Of Indus.Mngt& Intellectual Property Right	2759
5	Advaced Medicinal Chemistry Practical	3036
6	Project	3038

M. SC. (PHYSICS) SEMESTER-I (CBCS)(NEW)		
1	Mathematical Physics	2841
2	Classical Mechanics	2842
3	Quantum Mechanics - I	2843
4	Computational Methods & Programming	2844
5	Lab-I	3001
6	Lab-II	3002

M. SC. (PHYSICS) SEMESTER-I (CBCS)(OLD)		
1	Mathematical Physics	2051
2	Computational Methods&Programming	2052
3	Classical Mechanics	2053
4	Physics Of Lasers & Laser Applications	2054
5	Lab-I	3001
6	Lab-II	3002

M. SC. (PHYSICS) SEMESTER-II (CBCS)(NEW)		
1	Electrodynamics - I	2851
2	Quantum Mechanics - II	2852
3	Solid State Physics	2853
4	Network Theorems & Solid State Devices	2854
5	Lasers & Laser Applications	2855
6	Digital ICs & Design	2813
7	Lab-III	3003
8	Lab-IV	3004

M. SC. (PHYSICS) SEMESTER-II (CBCS)(OLD)		
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SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M. SC. (PHYSICS) SEMESTER-II (CBCS)(OLD)		
1	Quantum Mechanics-I	2061
2	Electrodynamics & Plasma Physics	2062
3	Network Theorems & Electronics Devices	2063
4	Statistical Mechanics	2064
5	Lab-III	3003
6	Lab-IV	3004

M. SC. (PHYSICS) SEMESTER-III (CBCS)(NEW)		
1	Electrodynamics - II(Radiation &PlasmaPhysics)	2861
2	Statistical Mechanics	2862
3	Atomic & Molecular Physics	2863
4	Digital Techniques	2864
5	Condensed Matter Physics - I	2865
6	Analogue Communication	2866
7	Photonics-I	2867
8	Lab-V	3005
9	Lab-V-Digital Techniques	3046
10	Lab-V-Condensed Matter Physics	3047
11	Lab-V-Analogue Techniques	3048
12	Lab-V-Photonics-I	3052
13	Lab-VI	3006

M. SC. (PHYSICS) SEMESTER-III (CBCS)(OLD)		
1	Quantum Mechanics-II	2071
2	Atomics & Molecular Physics	2072
3	Condensed Matter Physics-I	2073
4	Electronics-I	2074
5	Lab-V	3005
6	Lab-VI	3006

M. SC. (PHYSICS) SEMESTER-IV (CBCS)(NEW)		
1	Nuclear & Particle Physics	2871
2	OPAMP Theory & Applications	2872
3	Micro Processor Programming&Interfacing	2873
4	Condensed Matter Physics-II	2874
5	Digital Comunication	2875
6	Advanced Microprocessor&Microcontroll ers	2876
7	Nano-Science & Nanotechnology	2877
8	Photonics-II	2878
9	Lab-VII-OPAMP & Microprocessors	3049
10	Lab-VII-OPAMP & Condensed Matter Physics-II	3050
11	Lab-VII-OPAMP & Digital Communication	3051
12	Lab-VII-Photonics-II	3053
13	Project	3008

M. SC. (PHYSICS) SEMESTER-IV (CBCS)(OLD)		
1	Solid State Physics	2081
2	Nuclear & Particle Physics	2082
3	Condensed Matter Physics-II	2083

M. SC. (PHYSICS) SEMESTER-IV (CBCS)(OLD)		
4	Electronics-II	2084
5	Lab-VII	3007
6	Project	3008

M. SC. (REMOTE SENSING AND GIS) SEMESTER-I (CBCS)		
1	Basics Of Computer & Information Technology	2086
2	Principles Of Aerial Remote Sensing	2087
3	Setellite Remote Sensing	2088
4	Principles Of Degital Image Processing	2089
5	Lab-I	3001
6	Lab-II	3002

M. SC. (REMOTE SENSING AND GIS) SEMESTER-II (CBCS)		
1	Principles Of Geographic Information System	2091
2	Photogrammetry	2092
3	Thermal & Radar Remote Sensing	2093
4	Remote Sensing Application	2094
5	Lab-III	3003
6	Lab-IV	3004

M. SC. (STATISTICS) SEMESTER-I (CBCS)(NEW)		
1	Elementary Probability&Distribution Theory	3101
2	Estimation Theory	3102
3	Stochastic Process	3103
4	Sampling Theory	3104
5	Lab-I	3001
6	Lab-II	3002

M. SC. (STATISTICS) SEMESTER-I (CBCS)(OLD)		
1	Elements Of Mathematics&Measure Theory	2281
2	Elementary Probability&Distribution Theory	2282
3	Estimation Theory	2283
4	Sampling Theory	2284
5	Lab-I	3001
6	Lab-II	3002

M. SC. (STATISTICS) SEMESTER-II (CBCS)(NEW)		
1	Advanced Probability Theory	3106
2	Testing Of Hypothesis	3107
3	Design Of Experiments	3108
4	Statistical Tools For Data Analysis	3109
5	Lab-III	3003
6	Lab-IV	3004

M. SC. (STATISTICS) SEMESTER-II (CBCS)(OLD)		
1	Probability Theory	2291
2	Stochastic Processes	2292
3	Testing Of Hypothesis	2293
4	Linear Models & Design Of Experiments	2294

M. SC. (STATISTICS) SEMESTER-II (CBCS)(OLD)		
5	Lab-III	3003
6	Lab-IV	3004

M. SC. (STATISTICS) SEMESTER-III (CBCS)(NEW)		
1	Advanced Statistical Inference	3111
2	Multivariate Analysis	3112
3	Bioassay	3113
4	Industrial Statistics	3114
5	Demography	3115
6	Econometrics-I	3116
7	Dataming	3117
8	Lab-V	3005
9	Lab-VI	3006

M. SC. (STATISTICS) SEMESTER-III (CBCS)(OLD)		
1	Decision Theory & Non Parametric Methods	2301
2	Multivariate Analysis	2302
3	Bioassay	2303
4	Industrial Process & Quality Control	2304
5	Demography	2305
6	Econometrics-I	2306
7	Data Mining	2307
8	Lab-V	3005
9	Lab-VI	3006

M. SC. (STATISTICS) SEMESTER-IV (CBCS)(NEW)		
1	Mathematical Programming(OR-I)	3121
2	Computational Statistics	3122
3	Survival Analysis & Reliability Theory	3123
4	Operational Research	3124
5	Statistical Genetics&Bioinformatics	3125
6	Clinical Trials	3126
7	Acturial Statistics	3127
8	Econometrics-II	3128
9	Bayesian Inference	3129
10	Advanced Sampling Theory	3130
11	Lab-VII	3007
12	Project	3008

M. SC. (STATISTICS) SEMESTER-IV (CBCS)(OLD)		
1	Mathematical Programming(OR-1)	2311
2	Computational Statistics	2312
3	Survival Analysis & Reliability Theory	2313
4	Operation Resear:Inventory,Queues&Ne twork Analysis	2314
5	Statistical Genetics & Bio- Informatics	2315
6	Clinical Trials	2316
7	Actuarial Statistics	2317
8	Econometrics-II	2318
9	Bayesian Inference	2319

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M. SC. (STATISTICS) SEMESTER-IV (CBCS)(OLD)

10	Advanced Sampling Theory	2320
11	Lab-VII	3007
12	Project	3008

M. SC. (ZOOLOGY) SEMESTER-I (CBCS)(NEW)

1	Animal Structure & Fuction(Non-Chordata)	2921
2	Animal Structure & Fuction(Chordata)	2922
3	Gamete Biology	2923
4	Genes & Differentiation	2924
5	Lab-I	3001
6	Lab-II	3002

M. SC. (ZOOLOGY) SEMESTER-I (CBCS)(OLD)

1	Animal Structure & Function(Non-Chordata)	2221
2	Animal Structure & Function(Chordata)	2222
3	Molecular Cell Biology	2223
4	Tools & Techniques In Biology	2224
5	Lab-I	3001
6	Lab-II	3002

M. SC. (ZOOLOGY) SEMESTER-II (CBCS)(NEW)

1	Molecular Cell Biology	2931
2	Tools & Techniques In Biology	2932
3	Endocrinology	2933
4	Ecology & Enviroment	2934
5	Lab-III	3003
6	Lab-IV	3004

M. SC. (ZOOLOGY) SEMESTER-II (CBCS)(OLD)

1	Gamete Biology	2231
2	Genes And Differentiation	2232
3	Endocrinology	2233
4	Ecology & Environment	2234
5	Lab-III	3003
6	Lab-IV	3004

M. SC. (ZOOLOGY) SEMESTER-III (CBCS)(NEW)

1	Molecular Cytogenetic-I	2941
2	Molecular Cytogenetic-II	2942
3	Molecular Biology-I	2943
4	Entomolg:P-I Insect Classi.&Morphology	2945
5	Animal Physilology-I	2947
6	Fishri-I-Fish Nutrition,Capture&CultureFisher,Fish	2949
7	Meolecular Biology-II	2944
8	Entomolg:P-2 Insect 43Anatomy&Physiology	2946
9	Animal Physilology-II	2948
10	Fishri-II-Fish Physiology	2950
11	Lab-V	3005
12	Lab-VI	3006

M. SC. (ZOOLOGY) SEMESTER-III (CBCS)(OLD)

1	Molecular Cytogenetics-I	2241
2	Molecular Cytogenetics-II	2242
3	Molecular Biology-I	2243
4	Entomology-I : Insect Classification & Morphology	2245
5	Limnology & Ecotoxicology-I	2247
6	BiolInfo:Intro.to Information Techechnolgy& Bioinf.	2249
7	Parasitology :Protozoology	2251
8	General Physiology-I	2253
9	Molecular Biology-II	2244
10	Entomology-II: Insect Anatomy,Physiology&Develop	2246
11	Ichthyology,Aquaculture&Fish eries-I	2248
12	BiolInfo-II : Basic Bioinformatics	2250
13	Parasitology :Helminthology	2252
14	General Physiology-II	2254
15	Lab-V	3005
16	Lab-VI	3006

M. SC. (ZOOLOGY) SEMESTER-IV (CBCS)(NEW)

1	Biochemistry	2951
2	Enzymology&Biostatistics	2952
3	Molecular Biology-III(Molec.Immunology-I)	2953
4	Entomlg:III-Developmental &Comercial.Entomology	2955
5	Animal Physiology-III	2957
6	Fisheries-III-Fish Harvest&Post Harvest Tech.	2959
7	Molecular Biology-IV(Molec.Immunology-II)	2954
8	Entomlg:IV-Insect & Pest Control	2956
9	Animal Physiology-IV	2958
10	Fisheries-IV-Fish Reproductive Physiology&Patha.	2960
11	Lab-VII	3007
12	Project	3008

M. SC. (ZOOLOGY) SEMESTER-IV (CBCS)(OLD)

1	Biochemistry	2261
2	Enzymology And Biostatistics	2262
3	Molecular Biology-II(Molecular Immunology-I)	2263
4	Insect Endocriminology & Industrial Entomology	2265
5	Limnology & Ecotoxicology-II	2267
6	Bioinformatics -III :Genomics	2269
7	Parasitology :Parasitological Immunology-I	2271
8	General Physiology-III	2273
9	Molecular Biology-II(Molecular Immunology-II)	2264
10	Insect Pests & Pests' Control	2266
11	Ichthyology,Aquaculture&Fish ery-II	2268
12	Bioinformatics -III :Proteomics	2270
13	Parasitology : Parasitological Immunology-II	2272
14	General Physiology-IV	2274

M. SC. (ZOOLOGY) SEMESTER-IV (CBCS)(OLD)

15	Lab-VII	3007
16	Project	3008

M. SC. ELECTRONICS (INSTRUMENTATION) SEMESTER-I (CBCS)

1	Physics Of Electronic Materials&Semicond.Devices	2491
2	Mathematical&Computational Methods In Electronics	2492
3	Advanced Electronics Design	2493
4	Scientific Instrumentation	2494
5	Lab-I	3001
6	Lab-II	3002

M. SC. ELECTRONICS (INSTRUMENTATION) SEMESTER-II (CBCS)

1	Physics Of Semicond.Devices&Microwav e Princi.	2501
2	Power Electronics	2502
3	Electronic Communication	2503
4	Digital Electronic Design	2504
5	Multimedia Techniques	2717
6	Lab-III	3003
7	Lab-IV	3004

M. SC. ELECTRONICS (INSTRUMENTATION) SEMESTER-III (CBCS)

1	Linear Integrated Circuits	2511
2	Microwave Communication & Antena	2512
3	Sensors,Transducers&Actuat or For Instrumentation	2513
4	Microprocessor,Microcontrolle r&Interfacing-I	2514
5	Network Security	2726
6	Lab-V	3005
7	Lab-VI	3006

M. SC. ELECTRONICS (INSTRUMENTATION) SEMESTER-IV (CBCS)

1	Microprocessor & Microcontroller & Interfacing-II	2521
2	Cellular & Mobile Communication	2522
3	VLSI & Embedded System Design	2523
4	Embedded Programming	2524
5	Robotics & Computer Vision	2735
6	Lab-VII	3007
7	Project	3008

M.SC. (BIOCHEMISTRY) PART-I , SEMESTER-I

1	Biomolecules	2371
2	Analytical Techniques	2372
3	Advance Enzymology	2373
4	Bio-Energetics & Biological Oxidation	2374
5	Practical-I	3001
6	Practical-II	3002

M.SC. (BIOCHEMISTRY) PART-I , SEMESTER-II

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M.SC. (BIOCHEMISTRY) PART-I , SEMESTER-II

1	Clinical Biochemistry	2381
2	Endocrinology & Neurochemistry	2382
3	Cell Biology	2383
4	Bioinformatics, Biostatistics & Research Methodology	2384
5	Practical-III	3003
6	Practical-IV	3004

M.SC. (BIOCHEMISTRY) PART-II , SEMESTER-III

1	Basic Immunology	2391
2	Applied Immunology	2392
3	Fermentation Technology	2393
4	Recombinant DNA Technology	2394
5	Practical-V	3005
6	Practical-VI	3006

M.SC. (BIOCHEMISTRY) PART-II , SEMESTER-IV

1	Physiology	2401
2	Advanced Molecular Biology	2402
3	Plant Biochemistry	2403
4	Plant Nutrition & Reproduction	2404
5	Practical-VII	3007
6	Project Work	3008

M.SC. (BIO-INFORMATICS) PART-I , SEMESTER-I

1	Evolution Systematics, Diversity & Genetics	2646
2	Cell & Molecular Biology	2647
3	Biochemistry & Biophysics	2648
4	Biostatistics & Applied Mathematics	2649
5	Practical-I	3001
6	Practical-II	3002

M.SC. (BIO-INFORMATICS) PART-I , SEMESTER-II

1	Structural Biology	2651
2	Computers For Biologists	2652
3	Bioinformatics-I	2653
4	Networks & Distributed Computing	2654
5	Practical-III	3003
6	Practical-IV	3004

M.SC. (BIO-INFORMATICS) PART-II , SEMESTER-III

1	Data Structures & Programming Concepts	2656
2	Physics & Chemistry For Biologists	2657
3	Bioethics & Intelle. Property Rights & Java Prog.	2658
4	Relational Database Management System	2659
5	Practical-V	3005
6	Practical-VI	3006

M.SC. (BIO-INFORMATICS) PART-II , SEMESTER-IV

1	Applications Of Bioinformatics	2661
2	Genomics & Proteomics	2662

M.SC. (BIO-INFORMATICS) PART-II , SEMESTER-IV

3	Bioinformatics-II	2663
4	Molecular Modelling & Drug Design	2664
5	Practical-VII	3007
6	Project Work	3008

M.SC. (BOTANY) PART-I , SEMESTER-I

1	Cell Biology, Cytology & Genetics	2161
2	Resource Utilization & Conservation	2162
3	Biology & Diversity Of Algae & Bryophytes	2163
4	Plant Development & Reproduction	2164
5	Practical-I	3001
6	Practical-II	3002

M.SC. (BOTANY) PART-I , SEMESTER-II

1	Cytogenetics & Molecular Biology	2171
2	Biology & Diversity Of Microbes & Fungi	2172
3	Plant Physiology	2173
4	Plant Metabolism	2174
5	Practical-III	3003
6	Practical-IV	3004

M.SC. (BOTANY) PART-II , SEMESTER-III

1	Biology & Diversity Of Pteridophytes & Gymnosperms	2181
2	Taxonomy Of Angiosperms	2182
3	Plant Tissue Culture -I	2183
4	Bioinformatics-I	2185
5	Angiosperm Taxonomy, Phytoc hemistry & Pharmacognosy-I	2187
6	Advanced Plant Physiology & Biochemistry-I	2189
7	Molecular Biology, Biotechnology & Plant Breeding-I	2191
8	Palaeobotany (Evolutionary Botany)-I	2193
9	Reproductive Biology Of Angiosperms-I	2195
10	Applied Mycology-I	2197
11	Plant Tissue Culture -II	2184
12	Bioinformatics-II	2186
13	Angiosperm Taxonomy, Phytoc hemistry & Pharmacognosy-II	2188
14	Advanced Plant Physiology & Biochemistry-II	2190
15	Molecular Biology, Biotechnology & Plant Breeding-II	2192
16	Palaeobotany (Evolutionary Botany)-II	2194
17	Reproductive Biology Of Angiosperms-II	2196
18	Plant Pathology-II	2198
19	Practical-V	3005
20	Practical-VI	3006

M.SC. (BOTANY) PART-II , SEMESTER-IV

1	Plant Ecology	2211
2	Environmental Ecology	2212

M.SC. (BOTANY) PART-II , SEMESTER-IV

3	Plant Biotechnology	2213
4	Genetic Engineering	2214
5	Practical-VII	3007
6	Project Work	3008

M.SC. (CHEMISTRY) PART-I , SEMESTER-I

1	Inorganic Chemistry	2101
2	Organic Chemistry-I	2102
3	Physical Chemistry-I	2103
4	Modern Methods Of Separation	2104
5	Practical-I	3001
6	Practical-II	3002

M.SC. (CHEMISTRY) PART-I , SEMESTER-I (IMPROVEMENT OF DIVISION)

1	Inorganic Chemistry	2101
2	Organic Chemistry-I	2102
3	Physical Chemistry-I	2103
4	Modern Methods Of Separation	2104
5	Practical-I	3001
6	Practical-II	3002

M.SC. (CHEMISTRY) PART-I , SEMESTER-II

1	Co-ordination Chemistry	2111
2	Organic Chemistry-II	2112
3	Physical Chemistry-II	2113
4	Optical Methods & Environmental Chemistry	2114
5	Practical-III	3003
6	Practical-IV	3004

M.SC. (CHEMISTRY) PART-I (IMPROVEMENT OF DIVISION)

1	Inorganic Chemistry	1936
2	Organic Chemistry	1937
3	Physical Chemistry	1938
4	Analytical Chemistry	1902
5	General Chemistry	1939
6	Practical-I	3001
7	Practical-II	3002
8	Practical-III	3003

M.SC. (CHEMISTRY) PART-II , SEMESTER-III

1	Spectroscopy-I	2121
2	Analytical Chem-I: Thermal & Electro Anal. Methods	2122
3	Inorganics Chemistry (Bio-Inorganic Chemistry)	2123
4	Organics Chemistry (Organic Synthesis-I)	2125
5	Physical Chemistry-I	2127
6	Industrial Chemistry (Heat Tran., Unit Opr. & Mat. Bal)	2129
7	Inorganics Chemistry (Solid State Chemistry)	2124
8	Organics Chemistry (Natural Product-I)	2126
9	Physical Chemistry-II	2128

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M.SC. (CHEMISTRY) PART-II , SEMESTER-III

10	Industrial Chemistry(Process Eco.&Industrial Mngt.	2130
11	Practical-V	3005
12	Practical-VI	3006

M.SC. (CHEMISTRY) PART-II , SEMESTER-III(IMPROVEMENT OF DIVISION)

1	Spectroscopy-I	2121
2	Analytical Chm-I:Thermal&ElectroAnal.Metho ds	2122
3	Organics Chemistry(Organic Synthesis-I)	2125
4	Organics Chemistry(Natural Product-I)	2126
5	Practical-V	3005
6	Practical-VI	3006

M.SC. (CHEMISTRY) PART-II , SEMESTER-IV

1	Spectroscopy-II	2141
2	General Analytical Chemistry	2142
3	Inorganic Chemistry(PhotoInorganic&Or ganic Che)	2143
4	Organic Chemistry(Organic Synthesis-II)	2145
5	Physical Chemistry-III	2147
6	Industrial Chemistry-III	2149
7	Inorganic Chemistry(Materials Chemistry)	2144
8	Natural Product-II	2146
9	Physical Chemistry-IV	2148
10	Industrial Chemistry-IV	2150
11	Practical-VII	3007
12	Project Work	3008

M.SC. (CHEMISTRY) PART-II , SEMESTER-IV(IMPROVEMENT OF DIVISION)

1	Spectroscopy-II	2141
2	General Analytical Chemistry	2142
3	Organic Chemistry(Organic Synthesis-II)	2145
4	Natural Product-II	2146
5	Practical-VII	3007
6	Project Work	3008

M.SC. (CHEMISTRY) PART-II (IMPROVEMENT OF DIVISION)

1	Spectroscopy	1901
2	Industrial Chemistry(Special Paper-I)	1903
3	Industrial Chemistry(Special Paper-II)	1904
4	Practical-I/Practical-II	1905
5	Analytical Chemistry	1902
6	Inorganic Chemistry(Special Paper-I)	1899
7	Organic Chemistry(Special Paper-I)	1948
8	Inorganic Chemistry(Special Paper-II)	1900
9	Organic Chemistry(Special Paper-II)	1949

M.SC. (COMPUTER SOFTWARE) PART-I , SEMESTER-I

1	Design & Analysis Of Algorithm	2666
2	Operating System	2667
3	. Net Technologies-I	2668
4	Data Communication & Networking	2669
5	Practical-I	3001
6	Practical-II	3002

M.SC. (COMPUTER SOFTWARE) PART-I , SEMESTER-II

1	Electronic Commerce	2671
2	Core JAVA	2672
3	RDBMS	2673
4	Free Open Source Software	2674
5	Practical-III	3003
6	Practical-IV	3004

M.SC. (COMPUTER SOFTWARE) PART-II , SEMESTER-III

1	Software Engineering	2676
2	Advanced JAVA	2677
3	.NET Technologies-II	2678
4	Network Security	2679
5	Practical-V	3005
6	Practical-VI	3006

M.SC. (COMPUTER SOFTWARE) PART-II , SEMESTER-IV

1	Artificial Intelligence	2681
2	Web Server Administration	2682
3	Data Mining & Warehousing	2683
4	Computing Techniques In Bio-Informatics	2684
5	Practical-VII	3007
6	Project Work	3008

M.SC. (ENVIRONMENTAL SCIENCE) PART-I , SEMESTER-I

1	Environmental Science-An Interdisciplinary Approac	2411
2	Concepts Of Ecology & Biodiversity	2412
3	Environmental Chemistry	2413
4	Geodynamics & Energy Resources	2414
5	Practical-I	3001
6	Practical-II	3002

M.SC. (ENVIRONMENTAL SCIENCE) PART-I , SEMESTER-II

1	Bioinformatics In Environmental Analysis	2421
2	Environmental Microbiology	2422
3	Air & Noise Pollution	2423
4	Water Pollution	2424
5	Practical-III	3003
6	Practical-IV	3004

M.SC. (ENVIRONMENTAL SCIENCE) PART-II , SEMESTER-III

1	Terrestrial Polution	2431
2	Remote Sensing,GIS& Computer Application	2432
3	Environmental Impact Assessment & Audit	2433
4	Pollution Control Technology	2434
5	Practical-V	3005
6	Practical-VI	3006

M.SC. (ENVIRONMENTAL SCIENCE) PART-II , SEMESTER-IV

1	Environmental Toxicology&Hazardous Waste Mngt.	2441
2	Industrial Hygiene & Safety	2442
3	Nature,Conservation&Environ mental Mngt.	2443
4	Enviromental Policies & Legislation	2444
5	Practical-VII	3007
6	Project Work	3008

M.SC. (GEO-INFORMATICS) PART-I , SEMESTER-I

1	Introduction To Geo-informatics	2531
2	Fundamentals Of Cartography	2532
3	Statistical Concepts Applied To Geo-informatics	2533
4	Photogrammetry	2534
5	Practical-I	3001
6	Practical-II	3002

M.SC. (GEO-INFORMATICS) PART-I , SEMESTER-II

1	Fundamentals To Remote Sensing&Aerial Photography	2541
2	Recent Trend In GIS	2542
3	Environmental RS & GIS	2543
4	Geodesy	2544
5	Practical-III	3003
6	Practical-IV	3004

M.SC. (GEO-INFORMATICS) PART-II , SEMESTER-III

1	Geographic Information System	2551
2	Resource & Watershed Management	2552
3	Appln. Of GeoInfo.For Large Scale Mapping Mngt.	2553
4	Appln.of GeoInfo. For Natural Resources Mngt.	2554
5	Practical-V	3005
6	Practical-VI	3006

M.SC. (GEO-INFORMATICS) PART-II , SEMESTER-IV

1	Spatial Data Analysis & Modeling	2561
2	Information Of Database Management System	2562
3	Digital Image Processing	2563
4	Remote Sensing In Minaral &HydroCarbon Exploration	2564
5	Practical-VII	3007
6	Project Work	3008

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M.SC. (GEOLOGY) PART-I , SEMESTER-I

1	Mineralogy	2451
2	Structural Geology & Tectonics	2452
3	Geochemistry & Analytical Techniques	2453
4	Palaeobiology	2454
5	Practical-I	3001
6	Practical-II	3002

M.SC. (GEOLOGY) PART-I , SEMESTER-II

1	Igneous Petrology	2461
2	Metamorphic Petrology	2462
3	Sedimentology	2463
4	Geomorphology & Field Geology	2464
5	Practical-III	3003
6	Practical-IV	3004

M.SC. (GEOLOGY) PART-II , SEMESTER-III

1	Stratigraphy	2471
2	Ore Geology & Mining Geology	2472
3	Hydrogeology	2473
4	Exploration Methods	2474
5	Practical-V	3005
6	Practical-VI	3006

M.SC. (GEOLOGY) PART-II , SEMESTER-IV

1	Remote Sensing & GIS	2481
2	Environmental Geology & Engineering Geology	2482
3	Indian Mineral Deposit&Mineral Economics	2483
4	Petroleum & Coal Geology	2484
5	Practical-VII	3007
6	Project Work	3008

M.SC. (MATHEMATICS) PART-I , SEMESTER-I

1	Real Analysis	2001
2	Advanced Abstract Algebra-I	2002
3	Complex Analysis-I	2003
4	Topology-I	2004
5	Differential Geometry-I	2005
6	Advanced Discrete Mathematics-I	2006
7	Differential & Integral Equations-I	2007

M.SC. (MATHEMATICS) PART-I , SEMESTER-I (IMPROVEMENT OF DIVISION)

1	Real Analysis	2001
2	Advanced Abstract Algebra-I	2002
3	Complex Analysis-I	2003
4	Topology-I	2004
5	Differential Geometry-I	2005

M.SC. (MATHEMATICS) PART-I , SEMESTER-II

1	Measure & Integration Theory	2011
2	Advanced Abstract Algebra-II	2012

M.SC. (MATHEMATICS) PART-I , SEMESTER-II

3	Complex Analysis-II	2013
4	Topology-II	2014
5	Riemannian Geometry	2015
6	Advanced Discrete Mathematics-II	2016
7	Differential & Integral Equations-II	2017

M.SC. (MATHEMATICS) PART-I , SEMESTER-II (IMPROVEMENT OF DIVISION)

1	Measure & Integration Theory	2011
2	Advanced Abstract Algebra-II	2012
3	Complex Analysis-II	2013
4	Topology-II	2014
5	Riemannian Geometry	2015
6	Advanced Discrete Mathematics-II	2016

M.SC. (MATHEMATICS) PART-II , SEMESTER-III

1	Functional Analysis-I	2021
2	Classical Mechanics	2022
3	General Relativity & Cosmology-I	2023
4	Fluid Dynamics-I	2024
5	Operation Research-I	2025
6	Difference Equations-I	2026
7	Fuzzy Sets & Applications-I	2027
8	Wavelet Analysis	2028
9	Banach Algebras-I	2029
10	Non Commutative Rings-I	2030

M.SC. (MATHEMATICS) PART-II , SEMESTER-III (IMPROVEMENT OF DIVISION)

1	Functional Analysis-I	2021
2	Classical Mechanics	2022
3	General Relativity & Cosmology-I	2023
4	Fluid Dynamics-I	2024
5	Operation Research-I	2025
6	Difference Equations-I	2026

M.SC. (MATHEMATICS) PART-II , SEMESTER-IV

1	Functional Analysis-II	2031
2	Partial Differential Equations	2032
3	General Relativity & Cosmology-II	2033
4	Fluid Dynamics-II	2034
5	Operation Research-II	2035
6	Difference Equations-II	2036
7	Fuzzy Sets & Applications-II	2037
8	Life Groups	2038
9	Banach Algebras-II	2039
10	Non-Commutative Rings-II	2040

M.SC. (MATHEMATICS) PART-II , SEMESTER-IV (IMPROVEMENT OF DIVISION)

1	Functional Analysis-II	2031
2	Partial Differential Equations	2032

M.SC. (MATHEMATICS) PART-II , SEMESTER-IV (IMPROVEMENT OF DIVISION)

3	General Relativity & Cosmology-II	2033
4	Fluid Dynamics-II	2034
5	Operation Research-II	2035
6	Difference Equations-II	2036

M.SC. (MICROBIOLOGY) PART-I , SEMESTER-I

1	Microbial Techniques	2331
2	Microbial Enzymology	2332
3	Microbial Physiology & Photosynthesis	2333
4	Environmental Microbiology	2334
5	Practical-I	3001
6	Practical-II	3002

M.SC. (MICROBIOLOGY) PART-I , SEMESTER-II

1	Biostatistics,Bioinformatics&C omputer Applications	2341
2	Enzyme Technology	2342
3	Microbial Metabolism	2343
4	Environmental Microbiology&Extremophiles	2344
5	Practical-III	3003
6	Practical-IV	3004

M.SC. (MICROBIOLOGY) PART-II , SEMESTER-III

1	Molecular Biology	2351
2	Virology	2352
3	Fermentation Technology	2353
4	Immunology	2354
5	Practical-V	3005
6	Practical-VI	3006

M.SC. (MICROBIOLOGY) PART-II , SEMESTER-IV

1	Biotechnology	2361
2	Clinical Virology	2362
3	Microbial Technology	2363
4	Medical Microbiology	2364
5	Practical-VII	3007
6	Project Work	3008

M.SC. (PHYSICS) PART-I , SEMESTER-I

1	Mathematical Physics	2051
2	Computational Methods&Programming	2052
3	Classical Mechanics	2053
4	Physics Of Lasers & Laser Applications	2054
5	Practical-I	3001
6	Practical-II	3002

M.SC. (PHYSICS) PART-I , SEMESTER-I(IMPROVEMENT OF DIVISION)

1	Mathematical Physics	2051
2	Computational Methods&Programming	2052
3	Classical Mechanics	2053
4	Physics Of Lasers & Laser Applications	2054

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
M.SC. (PHYSICS) PART-I , SEMESTER-I(IMPROVEMENT OF DIVISION)			M.SC. (PHYSICS) PART-II , SEMESTER-IV			M.SC. (STATISTICS) PART-II , SEMESTER-IV		
5	Practical-I	3001	6	Project Work	3008	11	Practical-VII	3007
6	Practical-II	3002	M.SC. (PHYSICS) PART-II , SEMESTER-IV(IMPROVEMENT OF DIVISION)			12	Project Work	3008
M.SC. (PHYSICS) PART-I , SEMESTER-II			1	Solid State Physics	2081	M.SC. (ZOOLOGY) PART-I (IMPROVEMENT OF DIVISION)		
1	Quantum Mechanics-I	2061	2	Nuclear & Particle Physics	2082	1	Non-Chordata Structure Classification&Affinities	1915
2	Electrodynamics & Plasma Physics	2062	3	Condensed Matter Physics-II	2083	2	Chordata Structure Classification&Affinities	1916
3	Network Theorems & Electronics Devices	2063	4	Electronics-II	2084	3	General Physiology&Embryology	1917
4	Statistical Mechanics	2064	5	Practical-VII	3007	4	Practical-I,II,III	1918
5	Practical-III	3003	6	Project Work	3008	M.SC. (ZOOLOGY) PART-I , SEMESTER-I		
6	Practical-IV	3004	M.SC. (STATISTICS) PART-I , SEMESTER-I			1	Animal Structure & Function(Non-Chordata)	2221
M.SC. (PHYSICS) PART-I , SEMESTER-II(IMPROVEMENT OF DIVISION)			1	Elements Of Mathematics&Measure Theory	2281	2	Animal Structure & Function(Chordata)	2222
1	Quantum Mechanics-I	2061	2	Elementary Probability&Distribution Theory	2282	3	Molecular Cell Biology	2223
2	Electrodynamics & Plasma Physics	2062	3	Estimation Theory	2283	4	Tools & Techniques In Biology	2224
3	Network Theorems & Electronics Devices	2063	4	Sampling Theory	2284	5	Practical-I	3001
4	Statistical Mechanics	2064	5	Practical-I	3001	6	Practical-II	3002
5	Practical-III	3003	6	Practical-II	3002	M.SC. (ZOOLOGY) PART-I , SEMESTER-II		
6	Practical-IV	3004	M.SC. (STATISTICS) PART-I , SEMESTER-II			1	Gamete Biology	2231
M.SC. (PHYSICS) PART-II (ABSORBED IN SEMESTER PATTERN)			1	Probability Theory	2291	2	Genes And Differentiation	2232
1	Quantum Mechanics	1919	2	Stochastic Processes	2292	3	Endocrinology	2233
2	Nuclear Physics	1920	3	Testing Of Hypothesis	2293	4	Environmental Physiology	2234
3	Solid State Physics	1921	4	Linear Models & Design Of Experiments	2294	5	Practical-III	3003
4	Electronics Communication	1922	5	Practical-III	3003	6	Practical-IV	3004
5	Digital Electronics Microprocessors+FORTRAN-77	1924	6	Practical-IV	3004	M.SC. (ZOOLOGY) PART-II (IMPROVEMENT OF DIVISION)		
6	Practical-I,II	1923	M.SC. (STATISTICS) PART-II , SEMESTER-III			1	Cytology & Genetics	1906
M.SC. (PHYSICS) PART-II , SEMESTER-III			1	Decision Theory & Non Parametric Methods	2301	2	Cytology&Genetics/Gen.Mam malian Reprod.	1911
1	Quantum Mechanics-II	2071	2	Multivariate Analysis	2302	3	Developmental Biology & Ethology	1907
2	Atomics & Molecular Physics	2072	3	Bioassay	2303	4	Spl Grp-I-Mammalian Reproduction	1912
3	Condensed Matter Physics-I	2073	4	Industrial Process & Quality Control	2304	5	General Physiology	1908
4	Electronics-I	2074	5	Demography	2305	6	Spl Grp-I-Mammalian Embryology	1913
5	Practical-V	3005	6	Econometrics-I	2306	7	Mammalian Physiology	1909
6	Practical-VI	3006	7	Datamining	2307	8	Practical-I,II,III,IV	1910
M.SC. (PHYSICS) PART-II , SEMESTER-III(IMPROVEMENT OF DIVISION)			8	Practical-V	3005	9	Practical-I,II,III&Project Work	1914
1	Quantum Mechanics-II	2071	9	Practical-VI	3006	M.SC. (ZOOLOGY) PART-II , SEMESTER-III		
2	Atomics & Molecular Physics	2072	M.SC. (STATISTICS) PART-II , SEMESTER-IV			1	Molecular Cytogenetics-I	2241
3	Condensed Matter Physics-I	2073	1	Mathematical Programming(OR-1)	2311	2	Molecular Cytogenetics-II	2242
4	Electronics-I	2074	2	Computational Statistics	2312	3	Molecular Biology-I	2243
5	Practical-V	3005	3	Survival Analysis & Reliability Theory	2313	4	Insect Classification & Morphology	2245
6	Practical-VI	3006	4	Operation Research:Inventory,Que&Net work Analysis	2314	5	Limnology & Ecotoxicology-I	2247
M.SC. (PHYSICS) PART-II , SEMESTER-IV			5	Statistical Genetics & Bio-Informatics	2315	6	BioInfo:Intro.to Information Techechnolgy& Bioinf.	2249
1	Solid State Physics	2081	6	Clinical Trials	2316	7	Parasitology :Protozoology	2251
2	Nuclear & Particle Physics	2082	7	Actuarial Statistics	2317	8	General Physiology-I	2253
3	Condensed Matter Physics-II	2083	8	Econometrics-II	2318	9	Molecular Biology-II	2244
4	Electronics-II	2084	9	Bayesian Inference	2319	10	Insect Anatomy,Physiology&Develop ment	2246
5	Practical-VII	3007	10	Advanced Sampling Theory	2320	11	Ichthyology,Aquaculture&Fish eries-I	2248

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M.SC. (ZOOLOGY) PART-II , SEMESTER-III

12	BioInfo:Basic Bioinformatics	2250
13	Parasitology :Helminthology	2252
14	General Physiology-II	2254
15	Practical-V	3005
16	Practical-VI	3006

M.SC. (ZOOLOGY) PART-II , SEMESTER-IV

1	Biochemistry	2261
2	Enzymology And Biostatistics	2262
3	Molecular Biology-II(Molecular Immunology-I)	2263
4	Insect Endocrinology & Industrial Entomology	2265
5	Limnology & Ecotoxicology-II	2267
6	BioInfo-III :Genomics	2269
7	Parasi.:Parasitoloical Immunology-I	2271
8	General Physiology-III	2273
9	Molecular Biology-II(Molecular Immunology-II)	2264
10	Insect Pests & Pests' Control	2266
11	Ichthyology,Aquaculture&Fish ery-II	2268
12	BioInfo-III :Proteomics	2270
13	Parasi.:Parasitoloical Immunology-II	2272
14	General Physiology-IV	2274
15	Practical-VII	3007
16	Project Work	3008

M.SC. ELECTRONICS (INSTRUMENTATION) PART-I , SEMESTER-I

1	Physics Of Electronic Materials&Semicond.Devices	2491
2	Mathematical&Computational Methods In Electronics	2492
3	Advanced Electronics Design	2493
4	Scientific Instrumentation	2494
5	Practical-I	3001
6	Practical-II	3002

M.SC. ELECTRONICS (INSTRUMENTATION) PART-I , SEMESTER-II

1	Physics Of Semicond.Devices&Microwave Princi.	2501
2	Power Electronics	2502
3	Electronic Communication	2503
4	Digital Electronic Design	2504
5	Practical-III	3003
6	Practical-IV	3004

M.SC. ELECTRONICS (INSTRUMENTATION) PART-II , SEMESTER-III

1	Linear Integrated Circuits	2511
2	Microwave Communication & Antena	2512
3	Sensor,Transducers&Actuator For Instrumentation	2513
4	Microprocessor,MicroControl& Interfacing-I	2514
5	Practical-V	3005

M.SC. ELECTRONICS (INSTRUMENTATION) PART-II , SEMESTER-III

6	Practical-VI	3006
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M.SC. ELECTRONICS (INSTRUMENTATION) PART-II , SEMESTER-IV

1	Microprocessor & Microcontroller & Interfacing-II	2521
2	Cellular & Mobile Communication	2522
3	VLSI & Embedded System Design	2523
4	Embedded Programming	2524
5	Practical-VII	3007
6	Project Work	3008

M.SC. PART-I (MATHEMATICS) (IMPROVEMENT OF DIVISION)

1	Real Analysis	1970
2	Mathematical Analysis	1980
3	Convergence&Calculus Variables Of Several	1968
4	Advanced Abstract Algebra	1971
5	Modern Algebra	1981
6	Differential Geometry&Classical Mechanics	1967
7	Complex Analysis	1972
8	Ordinary & Partial Differential Equation	1982
9	Topology	1973
10	Linear Algebra	1960
11	Advanced Discrete Mathematics	1961
12	Ordinary Differential Equation	1966
13	Differential Geometry	1974

M.SC. PART-II (MICROBIOLOGY) (IMPROVEMENT OF DIVISION)

1	Molecular Biology & Biotechnology	1941
2	Virology	1942
3	Fermentation Technology	1943
4	Immunology & Medical Microbiology	1944
5	Practical-I(Applied Microbiology & Biotechnology)	1945
6	Practical-II(Immunology&Medical Microbiology)	1946
7	Practical-III(Viva-Voce Exam On Project)	1947

M.SC.FIRST YEAR PART-I (COMPUTER SCIENCE)

1	Digital System & Microprocessor	DMC
2	Data Structure & Algorithm(C++)	DSA
3	Object Oriented Programming	OOP
4	Digital Communication And Networking	DCN
5	System Analysis , Design & Software Engineering	SAE
6	Computer Lab-I	LBE
7	Computer Lab-II	LBF

M.SC.FIRST YEAR PART-I (COMPUTER SCIENCE)(IMPROVEMENT OF DIVISION)

M.SC.FIRST YEAR PART-I (COMPUTER SCIENCE)(IMPROVEMENT OF DIVISION)

1	Digital System & Microprocessor	DMC
2	Data Structure & Algorithm(C++)	DSA
3	Object Oriented Programming	OOP
4	Digital Communication And Networking	DCN
5	System Analysis , Design & Software Engineering	SAE
6	Computer Lab-I	LBE
7	Computer Lab-II	LBF

M.SC.FIRST YEAR PART-I (COMPUTER SOFTWARE)

1	Design And Analysis Of Algorithms	DAA
2	Visual Computing	VCP
3	Operating System Design	OSD
4	Lab- I	LBA
5	Seminar-I	SMA

M.SC.FIRST YEAR PART-II (COMPUTER SCIENCE)

1	System Software & Operating System	SOS
2	Windows Programming	WPR
3	Microprocessor Programming & Interfacing	MPA
4	Computer Graphics & Image Processing	CIP
5	Advanced Computer Networks	ACN
6	Compiler Writing	CPW
7	Computational Science	CTS
8	Modelling & Simulation	MAD
9	Multimedia Techniques	MMT
10	Computer Lab-I	LBE
11	Computer Lab-II	LBF

M.SC.FIRST YEAR PART-II (COMPUTER SOFTWARE)

1	Data Communications And Networking	DCM
2	Java Programming	JAV
3	Data Base Management System	DBM
4	Lab - II	LBB
5	Seminar -II	SMB
6	Project	PJB

M.SC.PART-I (PHYSICS) (IMPROVEMENT OF DIVISION)

1	Mathematical Physics & Classical Mechanics	1987
2	Math. Method In Phy. Sp.Relativity&Classi.Mechanic	1994
3	Quantum Mechanics	1988
4	Electrodynamics & Spectroscopy	1995
5	Electrodynamics,Plasma Physics & Electronics	1989
6	Solid State Physics & Electronics	1996
7	Statistical Mechcnics,Atomic & Molecular Physics	1990
8	Quantum Mechanics & Statistics Physics	1997
9	Practical-I	3001

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
M.SC.PART-I(BOTANY)			M.SC.PART-I(ZOOLOGY)			M.SC.PART-II(BOTANY)		
1	Cytology, Genetics & Molecular Biology	221	7	Practical-III(Gamete Bio.,Genes&Differentiation)	157	1	Taxonomy And Diversity Of Seed Plants	226
2	Biology & Diversity Of Lower Plants-Cryptogams	222	8	Practical-IV(Endo.&Envi.Physiology)	158	2	Plant Ecology And Conservation	227
3	Plant Development,Reprod.&Resource Utilization	223	M.SC.PART-II (BOTANY) (IMPROVEMENT OF DIVISION)			3	Biotechnology&Genetic Engeneering Of Plant Microbe	228
4	Plant Physiology And Metabolism	224	1	Taxonomy & Diversity Of Seed Plants	1925	4	Plant Tissue Culture	229
5	Practical-I(Cytology,Genetics&Molecular Bio.)	241	2	Plant Ecology & Conservations	1926	5	Bioinformatics	230
6	Practical-II(Bio.&Diversity Of Lower Plants Cryp)	242	3	Biotechnology & Genetic Engg. P.&M.	1927	6	Angiosperm Taxonomy,Phytochemistry &Pharmacology	231
7	Practical-III(Plant Phys.Deve.Reprod.&Resou.Uti.)	243	4	Reproductive Biology Of Angiosperms	1928	7	Molecular Biology,Biotechnology And Plant Bleeding	232
M.SC.PART-I(CHEMISTRY)			M.SC.PART-II (MATHEMATICS) (IMPROVEMENT OF DIVISION)			8	Applied ,Mycology & Plant Pathology	233
1	Inorganic Chemistry	301	1	Measure & Integration	1954	9	Reproductive Biology & Angiosperms	234
2	Organic Chemistry	302	2	Integration Theory & Functional Analysis	1975	10	Palaeobotony(Evolutionary Botany)	235
3	Physical Chemistry	303	3	Measure Theory & Functional Analysis	1983	11	Advanced Plant Physiology & Biochemistry	236
4	General Chemistry	304	4	Complex Analysis	1933	12	Practical-I (Taxonomy & Diversity Of Seed Plant)	237
5	Practical-I(Inorganic Chemistry)	305	5	Complex Analysis & Potential Theory	1955	13	Practical-II(Plant Ecology,Biotec.&Genetic Engg.)	238
6	Practical-II(Organic Chemistry)	306	6	Partial Differential Equation & Mechanics	1976	14	Practical-IV(For Elective Paper-IV)	239
7	Practical-III(Physical Chemistry)	307	7	Classical Mechanics & Relativity Theory	1984	M.SC.PART-II(CHEMISTRY)		
M.SC.PART-I(MATHEMATICS)			8	Partial Differential Equations	1956	1	Spectroscopy	326
1	Real Analysis	261	9	Fluid Dynamics	1977	2	Analytical Chemistry	327
2	Advanced Abstract Algebra	262	10	Number Theory & Operation & Reasearch	1985	3	Inorganic Chemistry(Special Paper-I)	328
3	Complex Analysis	263	11	Functional Analysis	1934	4	Organic Chemistry(Special Paper-I)	330
4	Topology	264	12	Functional Analysis & Operator Theory	1957	5	Physical Chemistry(Special Paper-I)	332
5	Differential Geometry	265	13	General Relativity & Cosmology	1978	6	Industrial Chemistry(Special Paper-I)	334
6	Advanced Discrete Mathematics	266	14	Fluid Dynamics & Integral Transform	1986	7	Inorganic Chemistry(Special Paper-II)	329
7	Differential And Integral Equations	267	15	Differential & Integral Equation	1932	8	Organic Chemistry(Special Paper-II)	331
8	Differential Geometry Of Manifolds	268	16	General Topology	1935	9	Physical Chemistry(Special Paper-II)	333
M.SC.PART-I(PHYSICS)			17	Topology	1958	10	Industrial Chemistry(Special Paper-II)	335
1	Math.Method In Phy.,Sp.Relativity & Classical Mech	101	18	Operation Research	1959	11	Practical-I/Practical-II(Inorganic Chemistry)	336
2	Mathematical Physics & Classical Mechanics	211	19	Computational Method In Mathematics	1965	12	Practical-I/Practical-II(Organic Chemistry)	337
3	Electrodynamics And Spectroscopy	102	20	Difference Equations	1979	13	Practical-I/Practical-II(Physical Chemistry)	338
4	Quantum Mechanic	212	M.SC.PART-II (PHYSICS) (IMPROVEMENT OF DIVISION)			14	Practical-I/Practical-II(Industrial Chemistry)	339
5	Solid State Physics And Electronics	103	1	Condense Matter Physics & Nuclear Partical Physics	1991	M.SC.PART-II(MATHEMATICS)		
6	Electrodynamics, Plasma Physics & Electronics	213	2	Quantum Mechanics	1998	1	Measure Theory & Functional Analysis	276
7	Quantum Mechanics And Statistical Physics	104	3	Physics Of Nanomaterials	1964	2	Integration Theory&Functional Analysis	288
8	Statistical Mechanics,Atomic And Molecular Physics	214	4	Physics Of Laser & Laser Applications	1992	3	Measure & Integration	311
9	General(P1)/Electronics(P2)	105	5	Nuclear Physics	1999	4	Complex Analysis	263
10	Laboratory Practical Course-1,2	215	6	Condensed Matter Physics-I	1930	5	Classical Mechanics & Relativity Theory	277
M.SC.PART-I(ZOOLOGY)			7	Electronics-I	1963	6	Partial Differential Equations & Mechanics	289
1	Animal Structure And Function	151	8	Electronics	1993	7	Number Theory & Operation Research	278
2	Molecular Cell Biology & Tools&Techniques For Bio.	152	9	Solid State Phycsis	2000	8	Operations Research	290
3	Gamete Biology , Genes & Differentiation	153	10	Condensed Matter Physics-II	1931	9	Advanced Functional Analysis	292
4	Endocrinology & Environmentl Physiology	154	11	Electronics-II	1962	10	Advanced TheoryOf Partial Differential Equation	294
5	Practical-I(Animal Structure & Function)	155	12	Digital Electronics,Mic.Pro.&FORTR AN-77	1969	11	Algebraic Topology	295
6	Practical-II(Mole. Cell Bio.&Tools&Tech.for Bio.)	156	13	Practical-II	3002			

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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M.SC.PART-II(MATHEMATICS)		
12	Biomechanics	296
13	Fuzzy Sets&Their Applications	299
14	Theory Of Linear Operators	300
15	Partial Differential Equations	313
16	Fluid Dynamics & Integral Transforms	279
17	Fluid Dynamics	291
18	Functional Analysis	348
19	Computational Methods In Mathematics	286
20	Non-Commutative Rings	293
21	General Topology	349
22	General Relativity & Cosmology	297
23	Difference Equations	298

M.SC.PART-II(PHYSICS)		
1	Condensed Matter Physics&Nuclear And Particle Phy.	106
2	Quantum Mechanics	126
3	Science&Tech.of Solar Hydrogen&Other Renewable Ene	107
4	Physics Of Laser & Laser Application	108
5	Physics Of Electronics Devices&Febri.of IC &System	109
6	Atmospheric Science	110
7	Environmental Physics	111
8	Physics Of Nanomaterials	112
9	Nuclear & Particle Physics-I	127
10	Condensed Matter Physics-I	113
11	Electronics-I	114
12	Atomic & Molecular Physics-I	115
13	Nuclear & Particle Physics-I	116
14	Informatics (Materials & Data Communication)-I	117
15	Solid State Physics	128
16	Condensed Matter Physcis-II	118
17	Electronics-II	119
18	Atomic & Molecular Physics-II	120
19	Nuclear & Particle Physics-II	121
20	Informatics (Material & Data Communicstion)-II	122
21	Electronics Communication	131
22	Laboratory Practical Course / Project	123
23	Solid State Phy.(P1)/Electronics Comm.(P2)	134

M.SC.PART-II(ZOOLOGY)		
1	Molecular Cytogenetics	176
2	Cytology & Genetics	381
3	Cell Functiion & Biostatistics	177
4	Developmental Biology & Ethology	382
5	Optional Paper-III - Molecular Biology-I	178
6	Optional Paper-III - Entomology-I	179
7	Optional Paper-III - Physiology-I	180
8	Optional Paper-III - Parasitology-I	181

M.SC.PART-II(ZOOLOGY)		
9	Optional Paper-III - Bioinformations-I	182
10	Optional Paper-III - Fisheries-I	183
11	Optional Paper-III-General Physiology	383
12	Optional Paper-IV- Molecular Biology-II	184
13	Optional Paper-IV - Entomology-II	185
14	Optional Paper-IV - Physiology-II	186
15	Optional Paper-IV - Parasitology-II	187
16	Optional Paper-IV - Bioinformations-II	188
17	Optional Paper-IV - Fisheries-II	189
18	Optional Paper-IV-Mammalian Physiology	384
19	Practical-I(Molecular Cytogenetics)	190
20	Practical -I	391
21	Practical-II(Cell Function & Biostatistics)	191
22	Practical -II	392
23	Practical-III(For Optional Paper)	192
24	Practical-IV(Project Work)	193

M.SC.SECOND YEAR PART-II(COMPUTER SCIENCE)		
1	Web Technologies & Programming	WTP
2	Advance Database Management	ADN
3	Advance Miroprocessor Devices	AMC
4	Client Server Computing	CSC
5	Embeded Systems	EBS
6	Comp.Ori.Numerical&Stat.Met h.&Optimi.Techniques	NMT
7	Network Security	NTS
8	Object Oriented Technologies	OOT
9	Software Testing	SFT
10	Computer Lab-I	LBE
11	Computer Lab-II	LBF

M.SC.SECOND YEAR PART-I(COMPUTER SOFTWARE)		
1	Software Engineering	SWE
2	Web Programming	WEB
3	Component Based Computing	CBC
4	Lab-III	LBC
5	Seminar - III	SMC

M.SC.SECOND YEAR PART-II(COMPUTER SCIENCE)		
1	Artificial Intelligence & Expert System Design	AIE
2	Parallel Computer Architecture	PAR
3	Decision Support Systems	DCS
4	Mobile Communications	MBC
5	Object Oriented Modeling & Design	OOM
6	Operating System Design	OPD
7	Robotics And Computer Vision	RCV
8	Computer Lab-I	LBE
9	Project External	PRE

M.SC.SECOND YEAR PART-II(COMPUTER SCIENCE)		
10	Project Internal	PRI
11	Seminar	SEM

M.SC.SECOND YEAR PART-II(COMPUTER SOFTWARE)		
1	Electronics Commerce	ECM
2	Web Server Administration	WEA
3	Project Work	PRC
4	Lab - IV	LBD
5	Seminar IV	SMD

MASTER OF PHILOSOPHY IN THE FACULTY OF SCIENCE (BIOTECHNOLOGY)		
1	Bio Instrumentation	1279
2	Advances In Bio Technology	1280
3	Research Methodology	1213
4	Dissertation	1214

MASTER OF PHILOSOPHY IN THE FACULTY OF SCIENCE (BOTANY)		
1	Recent Advances In Different Plant Groups	1231
2	Modern Trends	1232
3	Research Methodology	1233
4	Dissertation	1234

MASTER OF PHILOSOPHY IN THE FACULTY OF SCIENCE (CHEMISTRY)		
1	Environmental Chemistry	1216
2	Current Trends In Chemistry	1217
3	Research Methodology	1218
4	Dissertation	1219

MASTER OF PHILOSOPHY IN THE FACULTY OF SCIENCE (COMPUTER SCIENCE)		
1	Advance In Computing - I	1273
2	Advance In Computing - II	1274
3	Research Methodology	1213
4	Dissertation	1214

MASTER OF PHILOSOPHY IN THE FACULTY OF SCIENCE (ELECTRONICS)		
1	Advance Electronic Design & Instrumentation	1271
2	Digital Design & Advance Computing	1272
3	Research Methodology	1213
4	Dissertation	1214

MASTER OF PHILOSOPHY IN THE FACULTY OF SCIENCE (GEOLOGY)		
1	Advance Topics In Geology - I	1275
2	Advance Topics In Geology - II	1276
3	Research Methodology	1213
4	Dissertation	1214

MASTER OF PHILOSOPHY IN THE FACULTY OF SCIENCE (MATHEMATICS)		
1	Ring Theory	1221

SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE	SNO	SUBJECT NAME	SUB CODE
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MASTER OF PHILOSOPHY IN THE FACULTY OF SCIENCE (MATHEMATICS)

2	Functional Analysis	1222
3	Research Methodology	1223
4	Dissertation	1224

MASTER OF PHILOSOPHY IN THE FACULTY OF SCIENCE (MICROBIOLOGY)

1	Advances In Microbiology	1277
2	Instrumentation & Its Application In Microbiology	1278
3	Research Methodology	1213
4	Dissertation	1214

MASTER OF PHILOSOPHY IN THE FACULTY OF SCIENCE (PHYSICS)

1	Advanced Electronics	1211
2	Material Science	1212
3	Research Methodology	1213
4	Dissertation	1214

MASTER OF PHILOSOPHY IN THE FACULTY OF SCIENCE (STATISTICS)

1	Unified Sampling Theory	1226
2	Econometrics	1227
3	Research Methodology	1228
4	Dissertation	1229

MASTER OF PHILOSOPHY IN THE FACULTY OF SCIENCE (ZOOLOGY)

1	Advance Course In Zoology	1236
2	Animal Physiology	1237
3	Research Methodology	1238
4	Dissertation	1239

P.G. DIPLOMA COURSE IN WEB TECHNOLOGY & ADVANCED MULTIMEDIA SEMESTER - I

1	Computer Organisation	8601
2	Operating Systems	8602
3	Data Communication & Networking	8603
4	Java Programming	8604
5	Operating Systems Laboratory	8605
6	Java Programming Laboratory	8606

P.G. DIPLOMA COURSE IN WEB TECHNOLOGY & ADVANCED MULTIMEDIA SEMESTER - II

1	Introduction To Multimedia	8611
2	Web Programming	8612
3	Visual Computing	8613
4	Web Commerce Technology	8614
5	Web Programming Laboratory	8615
6	Visual Computing Laboratory	8616

P.G. DIPLOMA COURSE IN WEB TECHNOLOGY & ADVANCED MULTIMEDIA SEMESTER - III

1	Database Processing	8621
2	Advanced Multimedia	8622
3	Web Security	8623

P.G. DIPLOMA COURSE IN WEB TECHNOLOGY & ADVANCED MULTIMEDIA SEMESTER - III

4	E-Learning Technology	8624
5	Database Laboratory	8625
6	Multimedia Laboratory	8626

P.G. DIPLOMA COURSE IN WEB TECHNOLOGY & ADVANCED MULTIMEDIA SEMESTER-IV

1	Multimedia Project Management	8631
2	Web Server Administration	8632
3	Research Methodology	8633
4	Web Server Laboratory	8634
5	Project & Seminar	8635

P.G.DIPLOMA COURSE IN BIODIVERSITY SEMESTER-I (TWO YEARS SEMESTER PATTERN)

1	Diversity Of Animal	1001
2	Diversity Of Plants	1002
3	Biodiversity And Ethnobiology	1003
4	Practical	1004

P.G.DIPLOMA COURSE IN BIODIVERSITY SEMESTER-II (TWO YEARS SEMESTER PATTERN)

1	Diversity Of Microbes	1005
2	Biodiversity And Ecology	1006
3	Wildlife Conservation And Management	1007
4	Practical	1004

P.G.DIPLOMA COURSE IN BIODIVERSITY SEMESTER-III (TWO YEARS SEMESTER PATTERN)

1	Concept Of Biodiversity	1008
2	Conservation Of Biodiversity	1009
3	Conservation Techniques	1010
4	Practical	1004

P.G.DIPLOMA COURSE IN BIODIVERSITY SEMESTER-IV (TWO YEARS SEMESTER PATTERN)

1	Dissertation	1020
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P.G.DIPLOMA IN GROUNDWATER EXPLORATION&WATERSHED MANAGEMENT SEM-I

1	Fundamentals Of Geology	2611
2	Fundamentals Of Watershed	2612
3	Fundamentals Of Hydrology	2613
4	Fundamentals Of Groud Water	2614
5	Pract-I Geology & Watershed	2615
6	Pract-II Hydrology & Groud Water	2616

P.G.DIPLOMA IN GROUNDWATER EXPLORATION&WATERSHED MANAGEMENT SEM-II

1	Water Well Technology	2621
2	Hydrochemistry	2622

P.G.DIPLOMA IN GROUNDWATER EXPLORATION&WATERSHED MANAGEMENT SEM-II

3	Geophysical Exploration	2623
4	Watershed Management	2624
5	Pract-III Hydrochemistry&Water Well Technology	2625
6	Pract-IV Watershed Management & Geophysical Expl.	2626

P.G.DIPLOMA IN GROUNDWATER EXPLORATION&WATERSHED MANAGEMENT SEM-III

1	Ground Water Medeling	2631
2	Ground Water Development & Management	2632
3	Remote Sensing	2633
4	Remote Sensing Application	2634
5	Practical-V - Hydrogelogy	2635
6	Practical- VI - Remote Sensing	2636

P.G.DIPLOMA IN GROUNDWATER EXPLORATION&WATERSHED MANAGEMENT SEM-IV

1	Digital Image Processing	2641
2	GIS-Fundamental & Application	2642
3	National Water Policy & Sustainable Devp.	2643
4	Practical-VII - Geographic Information System	2644
5	Practical- VIII - Project	2645

P.G.DIPLOMA IN MECHATRONICS SEMESTER-I(ONE YEAR SEMESTER PATTERN)

1	Embedded System & Design	2801
2	Robotics & Applications	2802
3	Digital Image Processing	2803
4	Process Control	2804
5	Practical - I - LAB-I	2805
6	Practical - II - LAB-II	2806

P.G.DIPLOMA IN MECHATRONICS SEMESTER-II(ONE YEAR SEMESTER PATTERN)

1	Finite Element Techniques	2807
2	Marks On Academic Performance	7311
3	Industrial Tribology	2808
4	Presentation & Demonstration Of Project	7312
5	Design For Manufacture	2809
6	Viva-voce(Internal At Industries)	7313
7	Real Time Operating System	2810
8	Evaluation Of Project(External)	7314
9	Practical - III - LAB-III	2811
10	Project	2812

POST GRADUATE DIPLOMA IN BIO MEDICAL ELECTRONICS SEM-I(ONE YEAR SEM.PATT)

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**POST GRADUATE DIPLOMA IN
BIO MEDICAL ELECTRONICS
SEM-I(ONE YEAR SEM.PATT)**

1	Medical Physics	7301
2	Micropro.microcontrlr Computer Appl.In Medicine	7302
3	Human Physiology&Physiological Modelling	7303
4	Biomedical Instrumentation	7304
5	Practical-I LAB-I	7305
6	Practical-II LAB-II	7306

**POST GRADUATE DIPLOMA IN
WATERSHED TECHNOLOGY &
MANAGEMENT SEMESTER-II**

5	Practical-III	3003
6	Practical-IV	3004

**POST GRADUATE DIPLOMA IN
BIO MEDICAL ELECTRONICS
SEM-II(ONE YEAR SEM.PATT)**

1	Marks On Academic Performance	7311
2	Presentation & Demonstration Of Project	7312
3	Viva-voce(Internal At Industries)	7313
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