

Admission Procedure

To admit the best of the young minds, a separate entrance test is organized by Aligarh Muslim University for admission to ZHCET known as **AMUEE (Aligarh Muslim University Engineering Entrance Examination)**. It is conducted at various centers all over the country during April-May every year. There is a combined test of Bachelor of Technology and Bachelor of Architecture courses. However, B.Arch aspirants has to give a separate test as well for the judgement of their designing skills. The admission to Master of Technology courses is processed through the **Graduate Aptitude Test in Engineering (GATE)**. Admission to **Foreign Nationals** (including Non-residing Indians) is being done on merit-basis.

The B.Tech courses are available in the following branches as per the given seat distribution:

ZHCET		
—	Mechanical	90 seats
—	Electronics	50* seats
—	Electrical	50 seats
—	Civil	60 seats
—	Computer	50* seats
—	Chemical	30 seats
—	Petrochemical	20 seats
—	B. Arch.	22 seats

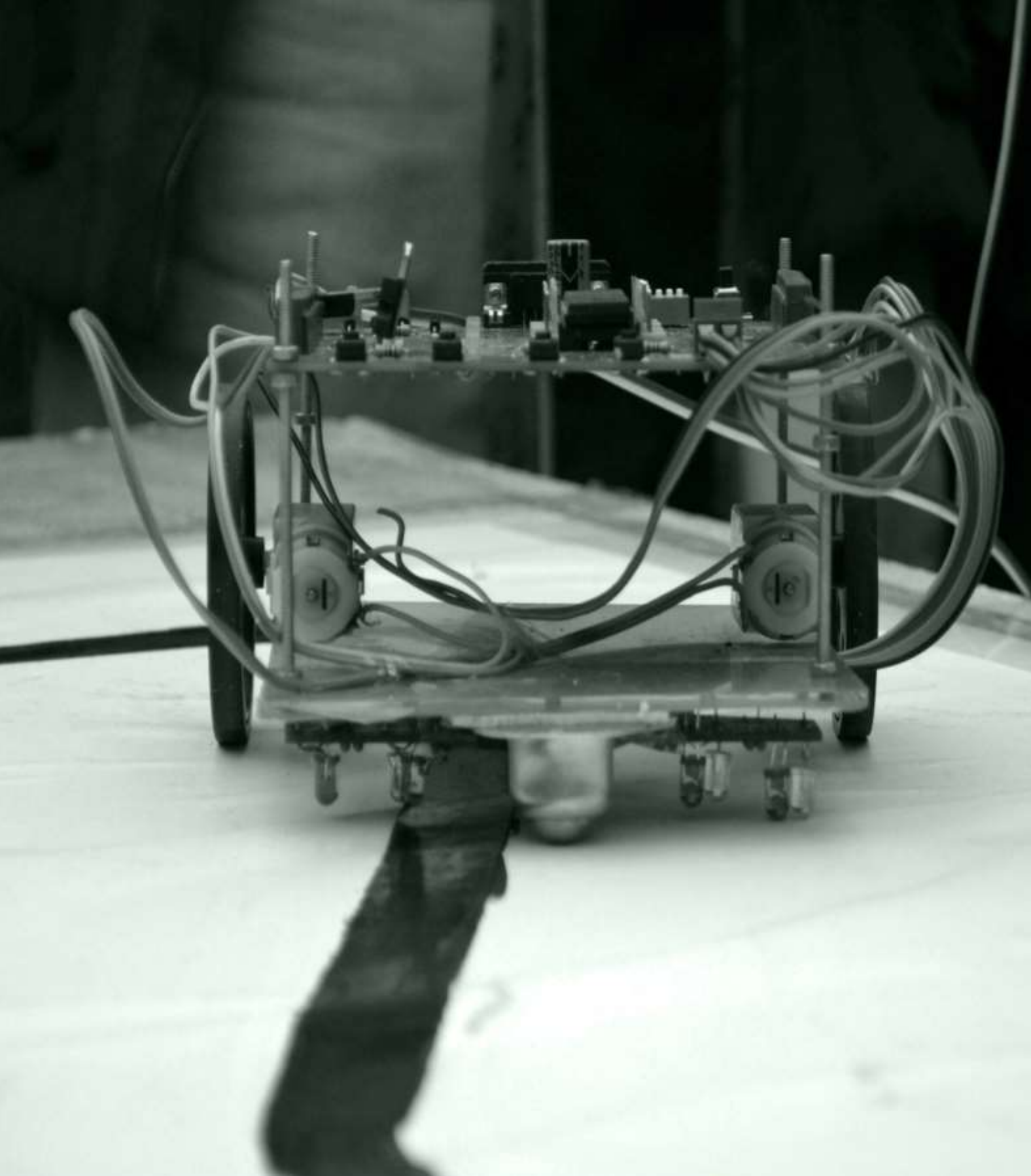
*The total admissions including those of NRI candidates and others shall not exceed 60.

Besides this, 5 seats per branch are reserved for foreign nationals and non-residing Indians. Also, 5 seats per branch are reserved for the Diploma rank holders of Aligarh Muslim University.

Also, the fee structure is designed in such a manner that people from all sorts of economic backgrounds can apply for the course. The fee structure is one of the cheapest in the country.

“The seat to student ratio for AMU B.Tech entrance exam is whopping 1:115 as compared to that of JEE whose seat to student ratio is 1:16”

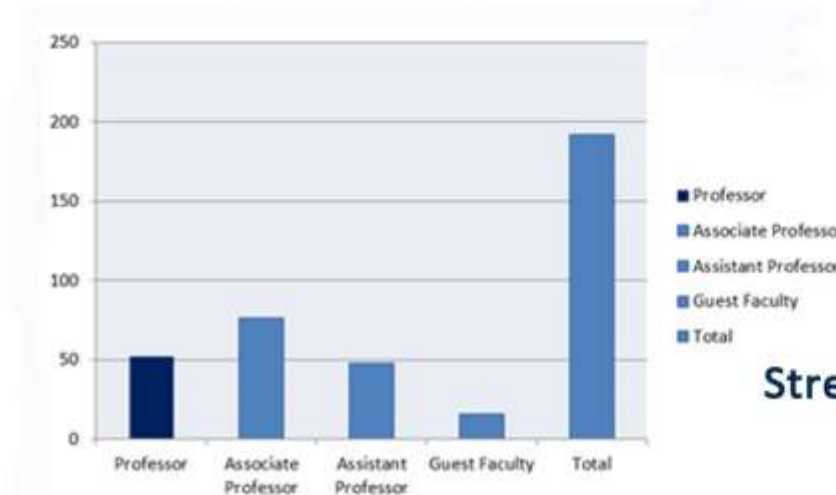
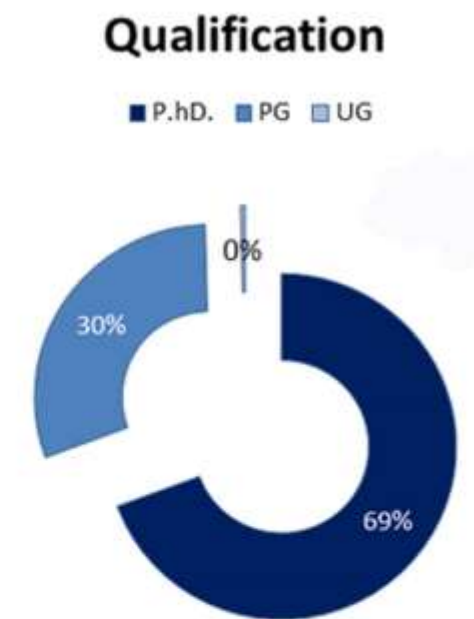
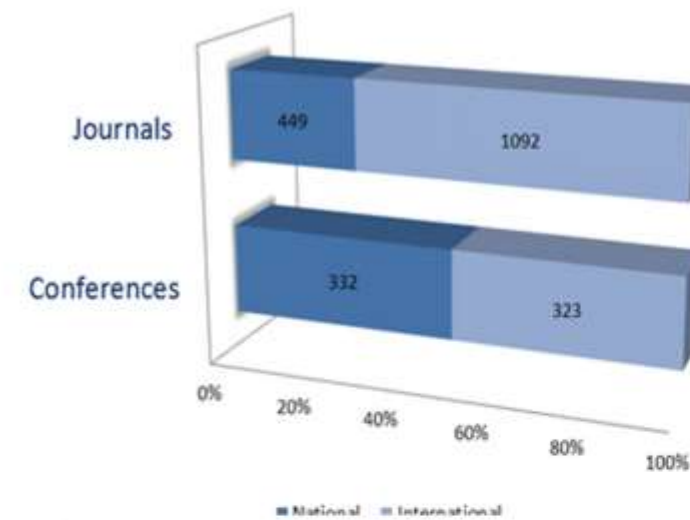
For more details visit:
www.amucontrollerexams.com
www.amu.ac.in



Research and Development

The departments and centres of the institute are responsible for the academic activities which are teaching, research and industrial consultancy. The courses of study are organized on semester programs and each semester provides for a minimum of seventy instructional days. A number of conferences, symposia and workshops are organized in the institute which attract participation from scholars all over the world.

The faculty itself is a highly learned body and has together produced more than 87 Ph.D./M.Phil in the last 5 years itself. They have organized more than 22 conferences in the last 5 years and published hundreds' of papers in various national and international journals. Majority of the faculty members are Ph.D. and has a teaching experience of over 10 years. Some stats regarding the same is given below:



Strength of Faculty

The faculties have attended a total of 332 National Conferences and above 323 International Conferences in last 5 years itself.

Research and Development

Research at ZHCET is nurtured through various academic programmes funded by national organizations and the industry. For the five year plan 2007 - 2012 around 29 projects has been sanctioned to the faculty members worth INR 8.24 Crores.

Academic Research Programs

This relate to research work undertaken by individual faculty or specific research groups in each department running academic programs leading to M.S. or Ph.D. Research is carried out by scholars admitted to the programmes of study under the guidance of the faculty in each department.

Sponsored Research

Organization of research by funding projects is undertaken by the faculty. The faculty project details are forwarded to various groups based on the nature of research and the interest shown by Govt./Research bodies. Industrial Consultancy provides for faculty of the institute to undertake specific assignments for the industry, which may include project design, testing and evaluation or even training in new areas of industrial development. This is channeled through the for Industrial Consultancy and Sponsored Research(ICSR).

Projects Awarded

More than 37 projects have been completed by the faculty members in the last 5 years worth around INR 8.24 Crores. Majority of the projects has been undertaken by the Civil Engineering faculties worth about INR 2.01 Crore. These projects has been sanctioned by University Grants Commission (UGC) and other supporting funding agencies like Department of Science And Technology (DST) and many other. Also, civil engineering provides a consultancy of about INR 40 lacs in last year itself.

Patents Awarded

A number of patents has been awarded to the faculties in the five year plan (2007 - 2012). A total of 31 patents has been granted/awarded/filed by the faculties of ZHCET. The details regarding the same has been given below:

Chemical:	01
Electrical:	14
Electronics:	04
Mechanical:	08
Applied Chem:	02
Petroleum Studies:	02 Patents filed



“The Engg. College library is a member of the INDEST Consortium and procuring journals through IEL, ASME, ACME, ACM Digital Library, Science Direct, Pro-Quest and Indian Standards”

Life @ ZHCET



Facilities

Book Bank

In addition to the University Library there is an Engineering College Library having more than one Lakh books, journals and periodicals. The College Library remains open from 8.00 hrs to 22.00 hrs in general to 8.00 hrs to 24.00 hrs during examination period. Book Bank facility is also available to the students for issue of text books on payment of 10% of the cost of the books for the whole year. The library has been equipped with latest Electronic Periodical section.

The library is also a member of the INDEST consortium and procuring the following journals through it, namely, IET, ASME, ASCE, ACM Digital Library, Science Direct, Pro Quest and Indian Standards.

MIT Courseware

MIT OpenCourseWare (OCW) is a web-based publication of virtually all MIT course content. OCW is open and available to the world and is a permanent MIT activity. The program has been realized in partnership with Aligarh University in Aligarh, India. It runs on hard drives that have been generously donated by Maxtor for OCW proliferation. This expansion of access will give talented students a chance to reach their full educational potential.

Training & Placement Office

The TPO provides job opportunities, arranges Campus Interviews by various Government Dept. and Companies of National/International repute. Students take the help of this office for their Training and Employment. It also caters to the need of Instructional and Industrial requirements through state of the art facilities, new technologies and human resources in collaboration with all the Department of studies. The office aims to give its students the grooming that they require not just for facing interviews but also to excel in their corporate careers. It conduct employment enhancement activities such as:

- Communication skill evaluation sessions
- Mock groups discussions and personal interviews
- Informal interactive talks with alumni in hostels and departments
- Aptitude, technical and mental ability tests
- Communication skills enhancement programs
- Workshops in collaboration with recruiting companies to aid students

“A large no of companies visit the campus each year and on an average around 80% students get placed out of those who register for Campus Placement”

“Student Activities are organized all the year round, ranging from techno-management fests of national level to All India Sir Syed Memorial debate (whose judge panel once included B.R. Ambedkar)...”

Campus Activities

College/Departmental Festivals

The annual fest of ZHCET which is christened the name ZARF invites students from all over the university to hone their skills in technical, literary and cultural spheres. It provides a platform to the students to come forward and express their expertise in various fields like aeromodelling, robotics, junkyard wars, etc.

Besides this, various departmental festivals are also being organized like TAMEER of Civil Engg Department and PARADIGM/ CARPEDIEM of Mechanical Engg Department. Paradigm was host to over 30 national events with participation from more than 100 institutes in both online and offline events. Apart from this, BARQQ, a techno-management fest, was organized by the third year students of Electrical engineering department under the banner of IEEE - ZHCET.

Art/Literary Festivals

A kaleidoscope of art and literary festivals are being organized in the university throughout the year. They are being organized under the banner of General Education Center (GEC) which is the prime body responsible for organizing these events. The most popular are All India Sir Syed Memorial Debate (AISSMD), I.G. Khan Memorial Foundation Art Festival and many more.

The GEC provided a plethora of options to students in which they can enhance their skills. It is sub-divided into University Literary Club, University Film Club, University Drama Club, University Hobbies Workshop, Club for Short Evening Courses, Photography Club, Fusion Music Club, Western Music Club, and Classical Music Club. It provides them a chance to explore, pursue and enhance their hobbies.

@ingenioussolutions

The group was founded by a group of enterprising final year students of 2006 batch. Its mission is to help ZHCETians improve soft skills, provide an impetus to the college placements, make students market ready, facilitate students to overcome the lack of confidence, and gain first hand experience of placement processes.

The "Team Doers" of ZHCET fabricated an All Terrain Vehicle for the event - "Mahindra SAE BAJA". The students built the vehicle from scratch and excelled in a not of technical, endurance, clearance and dynamic tests held at National Track for Automotive Testing (NATRIP)





SAE Collegiate Club

SAE stands for Society of Automotive Engineers which is a US based globally active professional association of professionals, students, researchers interested in automobile sector. ZHCET is proud to have a SAEINDIA Collegiate club which was established in 2012. The prime objective of this SAE club is to infuse the spirit of automobile in budding engineers of ZHCET through its various activities and participation in national and international events held under the umbrella of SAE. The club also organizes industrial visits at regular intervals.



The SAE club tries to connect its members with the auto industry ,exposing them industry oriented events like BAJA SAEINDIA, SUPRA SAEINDIA, EFFICYCLE SAEINDIA. BAJA though being a 34 year old event entered India in year 2007 under SAEINDIA with the objective to to design and fabricate a “single seated, four wheeled off road vehicle” or an “ATV- All terrain vehicle” for a weekend off-road enthusiast that also has a commercial viability.

The team from ZHCET after being shortlisted in top 120 from 260 teamsworked for 4 months and arranged everything related to project, including funds, raw materials, market data, marketing strategies, technical aspects, inspection test credentials and much more. It cleared and passed numerous tests including endurance, dynamic, Go - No Go, etc. These final tests were held at the National Track for Automotive Testing (NATRIP), near Indore.

The future projects of the team includes Efficycle SAE India (fabrication of Human Powered Hybrid Vehicle and Supra SAE India (fabrication of Race course vehicle)

ASME ZHCET Student Section

American Society Of Mechanical Engineering (ASME) is one of the largest non-profit organization of the world in field of mechanical engineering. It provide the members access to thousands of journals, conferences, researches, innovations in the mentioned field. In October,2010 a student chapter of the ASME was established by some enthusiastic students in the campus to provide a better insight of technology and expsure to practical work through events round the year. It organizes regular competitions, industrial field trips, guest lectures & interactive events. The section also organizes regular industrial visits and field trips for enabling a practical approach to classroom learning.

Two students from Departmnet of Architecture painted this 3-D drawing in the college campus after toiling continuously for nearly 27 hours.

AMU Roboclub

Formed in 2008, AMU RoboClub is a hub of technical activities. It aims to sharpen the technical skills of the students under one roof by imparting them the knowledge of robotics & other emerging technologies, besides providing a platform to implement the innovations dwelling in their minds. The activities of the club include weekly lectures, workshops, project assistance & project development. The Club even offers individual guidance, online workshops (webinars), etc. Recently, the club has started incubation and development cell under which it aims to encourage development of research based projects.

IEEE Student Branch ZHCET

Institute of Electrical & Electronics Engineers (IEEE) is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity. IEEE and its members inspire a global community through IEEE's highly cited publications conferences, technology standards, and professional and educational activities.

IEEE Student Branch, AMU aims to make every student here in AMU to contribute his own bit to science and technology. Since 2010, it has been giving students the opportunity to meet and learn from fellow students, as well as faculty members and professionals in the field. It believes in building technology for people and people for technology. The branch activities offer numerous educational, technical, and professional opportunities through various events. It also made it to the count of organizing national level fests: BARQQ, in which students participated from outer states. Both technical and cultural, took place in this grand event.

The Technocrat

Internet has emerged out as best means of communication today. Realizing it as a need of the time, the students decided to exploit it for the benefit of ZHCET and came up with a website www.thetechnocrat.com about three years back. It provides a holistic platform and information center about each and every information regarding college.

“The Mirror” is the official college newsletter which is printed under the patronage of Principal, ZHCET. It has published several copies which are made available to student absolutely free of cost. It also gives a platform to amateur authors.



Placement Office



The Placement Office which comprises of Training & Placement Officer, the placement office staff and Student placement coordinators do some tough grinding so that maximum possible no of students can get placed. Their work includes reaching out the companies, inviting them to the campus, organizing the placement drive, proving logistics to them and act as a bridge between students and recruiters. It also caters to the need of instructional and industrial requirement through state of of the art facilities, new technologies and human resources. It henceforth provide a marquee of facilities to the recruiters.

The various facilities include:

- Auditorium to conduct pre placement talks and workshops
- Labs/ Examination halls to conduct online/offline/verbal tests
- Fully computerized and air - conditioned office
- End to end online system for recruiters and students
- Tele - interview facilities
- Conveyance facilities from Delhi/NCR

Our Ambassadors Our ALUMNI

Some Prominent Alumni

Manoj Bhatia	Associate Vice President - Mahindra Satyam
Mansoor Ahmad	General Manager - Airport Authority of India
Sudhanshu Jain	Director (Product Management) - Alcatel Lucent
Sanjeev Gupta	General Manager (IT) - Reliance Industries
Rana Ahmad	Director of Engineering - AT & T
Animesh Raparia	Vice President - Goldman Sachs
Ish Mohan Garg	Marketing Head - Tata Steels
Rahul M.	Managing Director - GE Capital
Rakesh Shah	Managing Director - Windmoller & Holscher
Dawood Bin Uzair	Managing Director - Alfuttiam Engineering UAE
Ashok Kumar Trehan	Chief General Manager - UPSEB
D. P. Agarwal	Chairman - Union Public Service Commission
A. V. Ramu	Chief Operating Officer - Terrasoft Inc
Kapil Rathi	Director (Operations) - Johnson Matthey
Mohd. Meraj Hoda	Managing Director (Emerging Markets) - CISCO
Shahid Ansari	Associate Director - Cognizant Technology Solu.
Meher Tabassum	Scientific Officer 'F' - BARC
Rajat Kumar Sharma	Assitant Manager (Engineering) - ABB Limited
Alok V.	Director - Acetel Technologies
Nihit B.	Business Development Manager - Aricent
Asif Parvez	Assistant General Manager - ATHA Group
Ahmad Nafees	Chairman - AIChE Abu Dhabi
Eeraj Q.	Vice President (Capital Markets) - Bank Of America
Sayed Naved	Owner - Banayan Technology Solutions
Sanjeev Mathur	Country Manager - Bedeschi
Kausar Khan	General Manager - Telecommunications - BSNL
Manoj R.	Head (Total Quality Management) - Crown Berger
Ateeq Ahmad	Director (Analytics) - Fashion & You India Pvt Ltd
Nipin Varshney	General Manager - Defiance Testing & Engineering
Monika G.	Assistant Manager - Deloitte
Qasim Zaidi	Vice President - One 97 Communications
Prakash Veer	Executive Vice President - Fibcom India
Khurram Jamshed	Director (Marketing - South Asia) - Eaton Corp.
Sanjay Kumar Sharma	General Manager (Multimedia) - Ericsson India
Vivek A.	Associate Consultant - Global Logic
Tausif K.	Assitant Manager (Commercial) - GMR Group
Sandeep Kumar	General Manager - IBM India
M Nayyar Azam	Senior Software Engineer - Google
Naved H.	Solution Architect - Hewlett Packhard
Mansoor Ahmad	Managing Director (Asia Pacific) - Volvo Group

Recent Student Achievements

Amit Kumar Chawla	Secured AIR 2 - Electronics (GATE - 2013)
Hameedah Sultan	Secured AIR 48 - Electronics (GATE - 2013)
Faraz Khan	Secured AIR 8 - Architecture (GATE - 2013)
Shariq Meraj Khan	Secured AIR 11 - Architecture (GATE - 2013)
Zoya Abbas	Secured AIR 18 - Architecture (GATE - 2013)
Syed Ali	Secured AIR 79 - Mechanical (GATE - 2013)
Abdullah Ali Azhar Ali Khan	PGDM from IIM - Ahemdabaad
Ankur Sharma, Charu Dixit, Sa-meerah Desnavi, Abhishek Sharma, Utkarshaa Varshney	First Prize, Paper Presentation, IIT Mumbai
Omar Basheer Wani	First Prize, Paper Presentation, IIT Roorkee
Ravi Singh	Represented youth of Asia Pacific Region in 'Energy & Post - 2015 Development Agenda' held at Oslo, Norway
Saleem Saddam	PGDM from FMS - Delhi University
Kunwar Udit Singh	MS - Mc Gill University
Aashu Saini	First Prize - Technominds
Mohd Bilal	Secure AIR 66 - Civil (IES 2011)
Gaurav Kumar	Secured AIR 1- Mechanical (IES 2010)
S . Safdar Kazim	PGDM from IIM - Indore
Rameen Khan	PGDM from IIM - Indore
Kashif Hasan	PGDM from IIM - Kolkata
Musheer Ahmad	PGDM from XLRI
Mohammad Areeb	PGDM from XLRI
Salman Bin Kashif, Mohammad Atif Aleem	Paper published in Proceedings of International Conference on Global Scenario in Environment - 2012
Umair Kazmi	MS, IISC Bangalore
Fahad Ali Usmani	Amongst 20 candidates selected for Commonwealth scholarship
Beenish Zia	MS, University of Ireland (100 % scholarship)
Faraz Khan	6 Papers published in various IEEE/ ICCEE International Conferences
Prashant Singh	Secured AIR 13 - Computers (GATE 2012)
Vikas Sharma, Ankit Agarwal, Sa-bahat Hussain	Paper published in ICCSIT 2009, IEEE Conference, Beijing, China
Abdullah Ali Azhar Ali Khan, Syed Sabahat Hasan	First Prize - Elecrama (INR 1,00,000)
Syed Wasif Haider	Qualified IAS - 2010
Mohd Hasan	Marquis Who's Who in the world contribution to engineering sciences

The alumni database is maintained and organized by the Training & Placement Office along with a number of Alumni Associations. An alumni meet is organized annually in month of December.

Our Previous Recruiters

A

Aakash Educational Services
ABB
ACC Concrete
Accenture
Adobe Systems Limited
Alstom India Limited
Ansal API
Arabian Aluminium Company (Dubai)

B

Bebanco Northern Concracts Ltd
BGR
Bharat Electronics Limited (BEL)
Birlasoft Limited
Blue Star
Boodai Trading Company (Kuwait)

C

Cat Vision
CEAT Limited
Chambal Fertlizers and Chemicals
Computer Science Corporation

Cushman & Wakefield

D

DHV
DLF Laing O'Rourke
DRDO

E

Erudite Engineer Pvt Limited
ETA ASCON – Dubai
ETA General
Energy Infratech Pvt Ltd

F

Fibcom India
Fiserve

G

Genavco – Dubai
GOOGLE
GS Constructions

H

HCL Technologies
Huawei Technologies India Pvt Ltd
Hughes Systiques India Pvt Ltd

I

Inductice
Infogain India Pvt Ltd
Iffco UAE

J

Jindal Steels Works

K

Kenwood
Kribhco Shyam Fertilizers

L

Larsen & Toubro

Lohia Motors Limited (LML)
Lohia Starlinger Limited
Lurgi India Limited

M

Maruti Suzuki Automobiles
Mangalaytan University
MS Enterprises
Mott Macdonald

N

NEC HCL Noida
North Delhi Power Limited

O

Oil And Natural Gas Commission

P

Pavna Group
PNC Infratech
Pradan

Q

Quark Media

R

Rancore
Renault Nissan
RNF Technologies

S

Sahara India Commercial Ltd
Saipem Triune Delhi
Samsung Heavy Industries Ltd
Sanden Vikas India Pvt Limited
Sasken Communications Tech. Ltd.
Secure Meters Limited
Siemens India Limited
Smec India Pvt Ltd
SRF India Limited
Sterlite Industries

T

Tata Chemicals Pvt Limited
Tata Communication
Tata Consultancy Services
Tata Consulting Engineers
Tata Telecom
Tata Teleservices
Tecpro
Tega Industries
Telco Construction
Tejas Networks
The Freyssinet Prestressed Co. Ltd.
Torrent Power
Tractebel Engineers & Constructors Pvt Ltd

U

Uem India Ltd

V

Valdel Engineering
Vedanta
Vipul Laing O' Rourke Pvt Ltd
Vision Unlimited
Voltas - Dubai
Volvo India

W

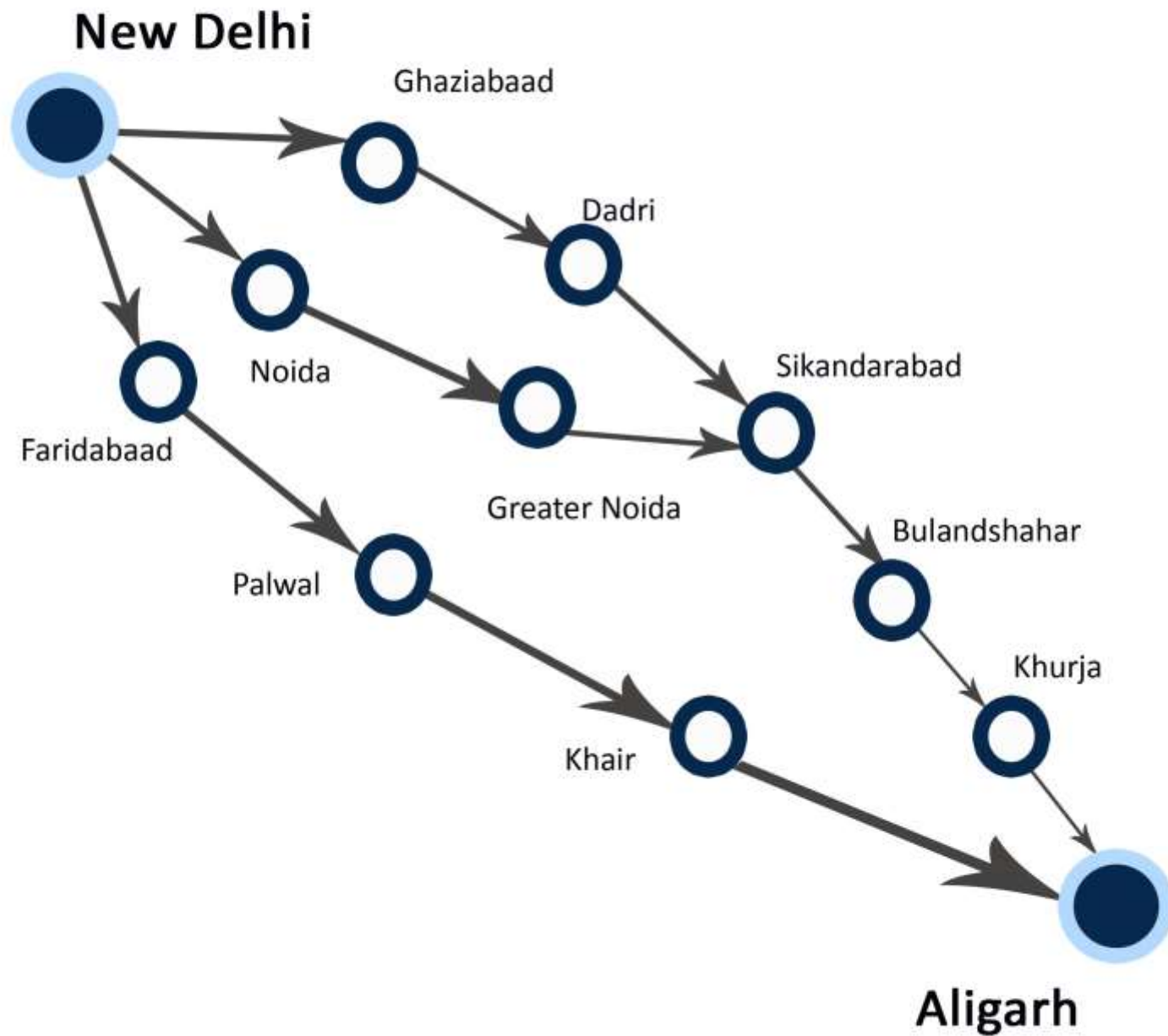
Windmoller & Holscher India Pvt Ltd
Wipro Infotech
Wipro Spectramind

X

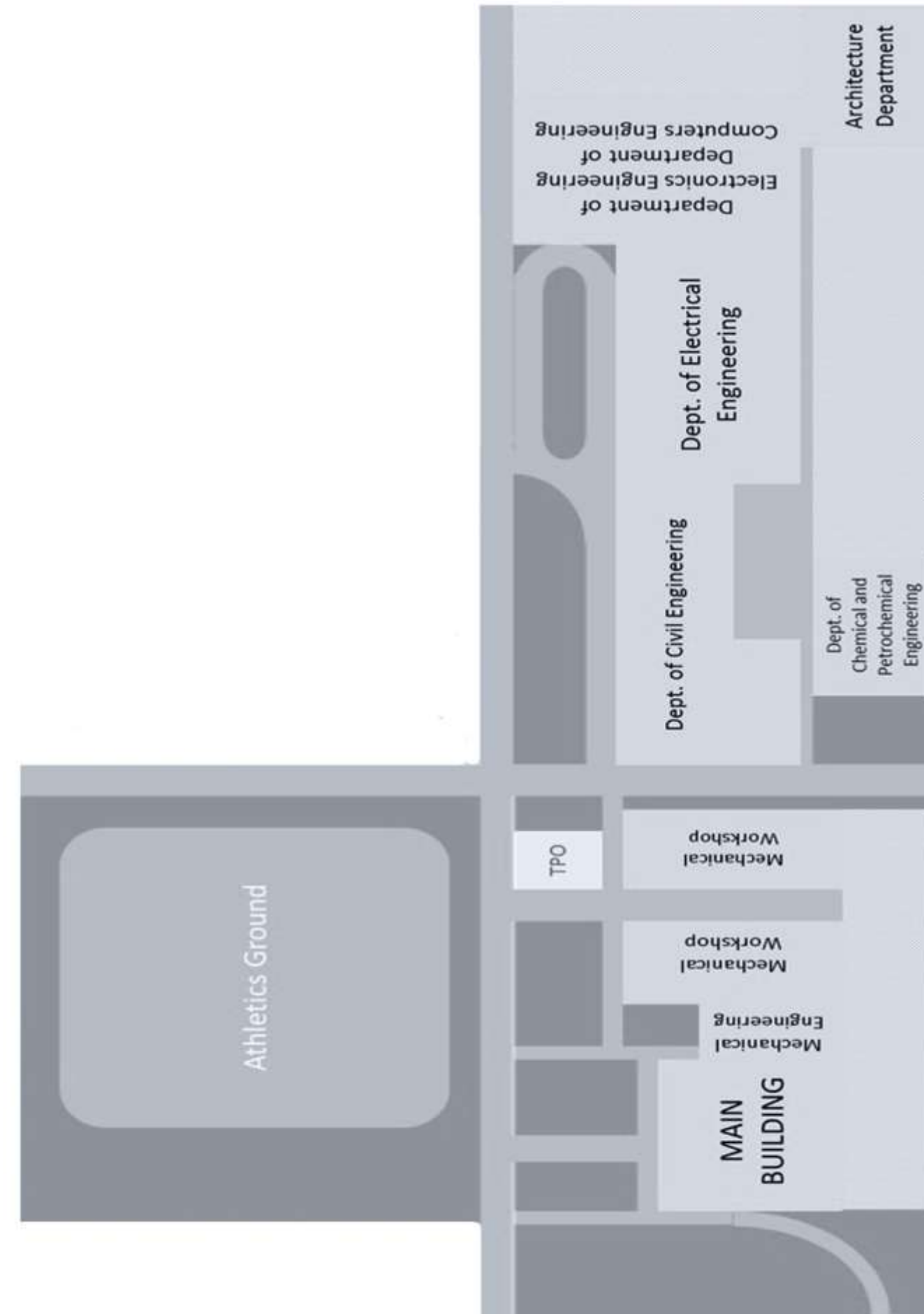
Xia Semiconductors

Connectivity

Aligarh is situated in the mid of Doab-the land between the Ganga and Yamuna rivers, at a distance of 130 kms southeast of Delhi on the Delhi-Howrah railroute and the Grand Trunk Road. The latitude is 27'54" N and longitude is 78'05" E. The climate is hot and dry in summer and cold and dry in winter with an intervening rainy season. The University campus is 3 km from the Aligarh town. Being an industrial town, excellent connectivity is available from NCR both, through railways and roadways.



Map of Academic Area



Student Placement Coordinators 2013-14

Mechanical Engineering

Kushagra Kumar
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Computers Sciences

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Electrical Engineering

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Electronics & Communication

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Chemical Engineering

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Architecture & Planning

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