

Faculty

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K.S. Dasgupta (Director)

PhD (Engineering)

Indian Institute of Technology, Bombay

Areas of interest: Digital Signal and Image Processing, Digital Communication, Computer Networking and SatelliteCommunication.

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Agrawal, Yash

PhD (Electronics & Communication Engineering)

NIT, Hamirpur, Himachal Pradesh

Areas of interest: Design, modeling and simulation of high performance VLSI interconnects, Nanotechnology

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Banerjee, Asim

PhD (Electrical Engineering)

IIT Bombay

Areas of interest: Pattern Recognition, Medical Imaging, Image Processing, Digital Signal Processing, Speech Coding, Software Engineering, Software Quality Assurance and Project Management

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Bhateja, Puneet

PhD (Computer Science)

Chennai Mathematical Institute,India

Areas of interest: Formal Methods used for Testing and Verification

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Bhatt, Amit

PhD (Electrical Engineering)

North Carolina State University

Areas of interest: Multi core Computer architecture
and parallel programming.

Low Power Methodology in Digital design

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Bhise, Minal

PhD (Computer Science)

BITS Pilani

Areas of interest: Semantic Web, Distributed Databases, Software System Analysis and Design

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Chaudhury, Bhaskar

PhD (Physics)

Institute for Plasma Research (IPR), India

Areas of interest: Computational Science, High Performance Computing, Computational Physics, Modeling and Simulation of Plasmas, Computational Electromagnetics, Parallel Programming, GPU Computing, Plasma electronics

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Das, Manik Lal

PhD (Information Technology)

IIT Bombay

Areas of interest: Information Security, Cryptography, System Design and Analysis

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Das, Rajib Lochan

PhD (Adaptive Signal Processing)

IIT, Kharagpur, India

Areas of interest: Adaptive Signal Processing, Compressive Sensing, Image Processing

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Dasgupta, Sourish

PhD (Computer Science)

University Of Missouri-Kansas City USA

Areas of interest: Distributed Multi-Agent System, Service Oriented Architecture, Semantic Web

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Desai, Binita

BFA (MS University, Baroda),

Animation (National Institute of Design, Ahmedabad)

Areas of interest: Animation, Communication Design and Multimedia

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Dubey, Rahul

PhD (Electrical Engineering)

IIT Roorkee

Areas of interest: Design and Prototyping of Digital systems, Factory Automation

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Dutta, Gautam

PhD (Physics)

Physical Research Laboratory, Ahmedabad

Areas of interest: Quantum Computers, Signal Processing, Image Processing, Particle Physics

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Garg Gagan

PhD (Computer Science and Automation)

IISC Bangalore, India

Areas of interest: Information theory, cryptography, number theory

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Garg, Shweta

PhD (English)

IIT Roorkee

Areas of Interest: Food and Cultural Studies, Performance Studies, Creative Writing, Literature of the Indian Diaspora

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Ghodgaonkar, Deepak

PhD (Electrical Engineering)

University of Utah, USA

Areas of interest: RF and Microwave Engineering,

Microwave Sensors, Microwave Instrumentation,

Microwave characterization of composite materials,

Biomedical applications of microwaves, Electromagnetic imaging of complex dielectric bodies and
Wireless data communications

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Ghosh, Ranendu (Dean Students)

PhD (Soil science & Agricultural Chemistry)

Indian Agricultural Research Institute, New Delhi

Areas of interest: Satellite Remote sensing & GIS, satellite communication applications for rural development, sustainable agriculture system.

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Gupta, Manish K

PhD (Mathematics)

IIT Kanpur

Areas of interest: Information processing in Biology, Bio-molecular (DNA, Membrane, Cell) computing, Coding and Information theory, Cryptology, Quantum computing, Computational, Structural and Systems Biology and Bioinformatics

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Gupta, Sanjeev (Dean -R&D)

PhD (Communication Engineering)

Queen's University of Belfast, UK

Areas of interest: Smart Antennas, Communication and Radar Systems, RF/Microwave Applications

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Jat, Pokhar Mal

PhD (Computer Science and Engineering)

ML Sukhadia University, Udaipur

Areas of interest: Databases, Data Mining, Web of Data, Software Design

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Joshi, Manjunath V

PhD (Electrical Engineering)

IIT Bombay

Areas of interest: Computer Vision, Image processing, Super-Resolution, Restoration, Signal Processing, Digital Communication

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Jotwani, Naresh

PhD in Computer Science

Rice University Houston,TX(USA)

Areas of interest: Solar energy, engineering design, economics.

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Khare, Manish

Ph.D (Computer Science)

University of Allahabad, Allahabad

Areas of interest: Image Processing, Computer Vision, Infrared Imaging, Applications of Wavelet transforms.

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Koley, Santanu

Ph.D (Applied Mathematics)

IIT, Kharagpur

Areas of interest: Integral Equations, Computational Techniques, Hydrodynamics, Statistical Modeling, Renewable Energy

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Kollipara, Bharani

PhD (English Literature)

English And Foreign Languages University, Hyderabad Andhra pradesh, India

Areas of interest: Literature and Philosophy, Ancient Greek Philosophy, Political Theory, Aesthetics

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Majumder, Prasenjit

PhD (Computer Science),

Jadavpur University, Kolkata

Areas of interest: Information Retrieval, Natural Language processing, Digital Libraries

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Mathuria, Anish

PhD (Computer Science)

University of Wollongong, Australia

Areas of interest: Computer Security

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Mazumdar, Madhumita

PhD (Modern History)

University of Calcutta, Calcutta

Areas of interest: Social history of Science, Technology and Medicine in India, cultures of communication and the media

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Mishra, Biswajit

PhD (Electrical & Electronics Engineering)

University of Southampton, UK

Areas of interest: Ultra Low Power and Sub-threshold Circuit Methodologies, Very Low Voltage Circuits for Wireless Sensor Networks, Digital IC Design, Power Management for Energy Harvesters, Signal Processing Hardware for Color Image Processing, Geometric Algebra and Novel Hardware

Homepage : <http://intranet.daiict.ac.in/~biswajitmishra/>

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Mitharwal, Rajendra

PhD (Engineering Science)

Telecom Bretagne, Brest, France

Areas of interest: Computational Electromagnetics

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Mitra, Suman Kumar (Dean Academic Programs)

PhD (Computer Science)

ISI Calcutta

Areas of interest: Image Processing, Pattern Recognition, Fractal, Bayesian Network and Digital Image Watermarking

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Modi, Amishal

Master of Arts

The Ohio State University, USA

Areas of interest: English language Teaching

victorian literature

indian poetry in english

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Mulherkar, Jaideep

PhD (Mathematics)

University of California Davis, USA

Areas of interest: Mathematical Physics, Quantum Computation and Information

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Muthu, Rahul

PhD (Computer Science)

Homi Bhabha National Institute, Mumbai

Areas of interest: Graph theory and algorithms

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Nagchoudhuri, Dipankar

PhD (Electrical Engineering, Michigan State University,USA)

Areas of interest: VLSI Design, CMOS Circuits And Technology, Biomedical Signal Processing Chip Design.

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Narwaria, Manish

PhD (Computer Engineering)

Nanyang Technological University, Singapore

Areas of interest: Multimedia signal processing

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Pandya, Vishvajit

PhD (Anthropology)

University of Chicago, USA

Areas of interest: Material Culture, Design and Communication Culture, Visual Anthropology, Rituals and History with specific reference to Colonialism

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Parikh, Alka

PhD (Agriculture and Allied Economic)

Cornell University, USA

Areas of interest: Rural development and the related issues like Agriculture, Poverty, Unemployment and Wages, Rural Finance, Environment and Development, Disaster Management

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Parekh, Rutu

PhD in Electrical Engineering (Specialization Nanoelectronics, Sherbrooke University, Sherbrooke, Quebec, Canada)

Master of Electrical Engineering (Concordia University, Montreal, Canada)

Areas of interest: Nanoelectronics, nano device-CMOS hybridization, design and simulation, circuit design, modeling and simulation of next-generation memory (PCM), nanofabrication.

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Patil, Hemant

PhD (Signal Processing)

IIT Kharagpur

Areas of interest: Speaker recognition and wavelet signal processing

Home page : <https://sites.google.com/site/hemantpatildaiict>

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Pillutla, Laxminarayana

PhD (Electrical Engineering)

University of British Columbia, Canada

Areas of interest: Statistical signal processing, information theory, game theory, non-linear optimization, wireless sensor networks, cognitive radio, cross layer design of wireless networks.

Homepage : <http://faculty.daiict.ac.in/laxminarayana-pillutla>

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Raut, Manoj Kumar

PhD (Mathematics)

IIT Madras

Areas of interest: Logic and Applications

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Ray, Arnab Kumar

PhD (Physics)

Jadavpur University, Kolkata

Areas of interest: Astrophysics and Nonlinear Systems

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Roy, Anil

PhD (Physics)

IIT Delhi

Areas of interest: Fibre Optics and Optical Communication, Quantum Optics, Nanotechnology, Semiconductor devices, ICT Applications in Rural Development

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Sahu, Nabin Kumar

PhD (Mathematics)

IIT Kharagpur

Areas of interest: Applied Functional Analysis, Operator Theory, Variational Inequality, Variational Inclusion Problems

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Sasidhar P S Kalyan

PhD (Computer Science and Engineering)

University of North Texas-Denton, Texas, USA

Areas of interest: Mobile and Pervasive Computing

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PhD (Physics)

University of California, Los Angeles, USA

Areas of interest: Computer Networks: Protocol Modelling, Simulation

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Sunitha, V

PhD (Mathematics)

IIT Madras

Areas of interest: Algorithms, Discrete Mathematics, Graph Theory, Parallel & Distributed Computing, Theoretical Computer Science, Interconnection Networks

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Tatu, Aditya

PhD (Image Analysis)

University of Copenhagen, Denmark

Areas of interest: Applications of Differential geometry (shapes, curve evolutions etc.) Image features, Continuous optimization.

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Tiwari, Mukesh

PhD (Optical Science & Engineering)

University of New Mexico, USA

Areas of interest: Statistical Physics, Non Linear Dynamics, Quantum Transport, Surface Science

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Tiwari, Saurabh

PhD (Software Engineering)

IIITDM, Jabalpur

Areas of interest: Requirement Engineering, Empirical Software Engineering, Evidence-based Software Engineering, Safety Analysis, Model-based Testing

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Vasavada, Yash

PhD (Wireless Communications)

VPI&SU, USA

Areas of interest: Wireless Communications, Satellite Communications, Signal Processing, Detection and Estimation Theory, Information Theory and Coding Theory, Machine Learning and AI, Cognitive Communications, LTE and 4G/5G, MIMO Channels

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Agrawal, Sarita

PhD (Faculty Associate)

DA-IICT, Gandhinagar

Areas of interest: Wireless Sensor Network Security

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Banerjee, Nandini

M.Phil., PhD

R D University, Jabalpur

Areas of interest: Economics & General Management

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Banerjee, Soumitra

PhD (International Business Strategy)

University of Belford, Texas, USA

Areas of interest: Start-up Ventures, Product Development, Business Strategy, Productivity and Communication.

top

Chattopadhyay, Bhargab

PhD (Statistics)

University of Connecticut

Areas of interest: Nonparametric Inference, Sequential Analysis and its Application in Econometrics, Psychology.

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Dalwadi, Parmanand

Fine Arts (M.S.University)

Post Graduate in Visual Communication (N.I.D. Ahmedabad)

Areas of interest: Photography

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Dasgupta, Kuntala

B.Sc.

Calcutta University

Areas of interest: Rabindra Sangeet, North Indian, Classical, India Film Music and History.

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Doctor, Khushru

MCA, CISA, PMP, CSM, Six Sigma Green Belt.

Areas of interest: Software Engineering, Project Management, Agile Development Practices.

top

Day, Shalini

Post Graduation in Information & Digital Design

National Institute of Design

Areas of interest: Information Design, Interaction Design, User experience Design, User centred design processes, Design thinking, Design research, Typography.

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Jha, Kamal Kishor

PhD (VLSI Design)

ABV-IIITM, Gwalior

Areas of interest: Device-Circuit Co-Design, Hybrid Device-Circuit Interaction, Novel Semiconductor Device Design and Modeling.

top

Kamthan, Akash

M.Des (CD)

DA-IICT Gandhinagar, Gujarat

Areas of interest: Communication Design, photography, film/documentary

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Mankodi, Amit

PhD (Pursuing)

DA-IICT, Gandhinagar, Gujarat

Areas of interest: Embedded Systems, Computer Networks, High Performance Computing

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Patel, Narendra

Dip. in Fine Arts,

Kala Neketan, (Now Govt. Institute of Fine Arts) Jabalpur

Dip. in Visual Communication (Animation Film)

National Institute of Design,(NID) Ahmedabad

Areas of interest: Film & Animation film, HFX, Communication Design,eLearning, Photography, Web Design, Multimedia , Graphics user Interface, Software Development, Printing Technology.

top

Raje, Nitin

PhD (Advanced Building Systems and Diagnostic)

Carnegie Mellon University, Pittsburgh, USA

Areas of interest: Image Processing and GIS Software

top

Raval, Nikhil

MBA (Strategic Management)

California State University, USA

Areas of interest: Strategy and Finance

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Sengupta, Amit

MBBS, MD(OBS-GYN),

PhD (Biomedical.Engg.-IIT-Delhi,

MROGS(ROM)

Areas of interest: Medical Electronics, Instrumentation, Imaging, Affordable Technology, Woman's health, Cancer, high risk obsterics, and feto-maternal monitoring, Vascular & reproductive bio-engineering.

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Singh, Lavneet

M.S. (Software Systems)

Bits, Pilani

Areas of interest: Cloud Computing, IoT, Software Architecture, Design and Engineering, Enterprise Software Systems.

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Sisodia, Diksha

PhD(Management)

University of Connecticut

Areas of interest: Operations Management

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Virmani, Vineet

Fellow (PhD, Economics)

IIM Ahmedabad

Areas of interest: Computational Finance and Risk Management.

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Yagnik, Jignasu

MBA (Strategic Management)

California State University, USA