THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Deemed-to-be University under section 3 of UGC Act, 1956 vide notification # F.9-12/84-U.3 of GoI)

PATIALA-147004, PUNJAB http://www.thapar.edu

FACULTY OPENINGS: Specializations Required

Applications received up to February 03, 2020 (Monday) shall be considered for this round of selection

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Name of Department/School	Sub-areas/Specializations
Department of Civil Engineering	Structural Engineering
	Transportation Engineering
	Geotechnical Engineering
	Remote Sensing / GIS
	Water Resources Engineering
	Construction and Project Management (with experience in BIM and other related software)
	Structural Engineering
Computer Science and Engineering	Cyber and Information Security
	Artificial Intelligence
	Machine Learning
	Data Science and Analytics
	Computer Animation and Gaming
	Computer Networks
	Cloud Computing
	High Performance Computing
	Software Engineering
	Cognitive Computing
	Quantum Computing
Electrical & Instrumentation Engineering Department	Power Systems
	Power Electronics, Electric Drives
	Electric Vehicles
	Renewable Energy Systems, Smart / Micro Grids
	Biomechanics, Bioengineering thermodynamics, Bioprocessing
	Instrumentation and Control
	Biomedical Engineering
Electronics & Communication Engineering Department	Computing Technologies
	Wireless Communication
	RF, Microwave & Antennas
	VLSI / Electronic Systems
	Communication Systems
	Signal Processing
	Machine Learning & Artificial Intelligence

Mechanical Engineering Department	Mechanical Design
	Acoustics
	Computer Aided Design and CAE
	Mechatronics , Robotics and Automation
	Manufacturing and Computer Aided Manufacturing
	Thermal Engineering
Department of Chemical Engineering	Energy
	Petroleum
School of Mathematics	Statistics
	Pure/Applied Mathematics

Name of Department/School	Sub-areas/Specializations
Department of Biotechnology	Protein Engineering
	Bioprocess Engineering
	Food Microbiology
School of Chemistry & Biochemistry	Physical Chemistry
	Organic Chemistry
	Inorganic Chemistry
School of Energy and Environment	Energy and Environment
	Environmental Biotechnology
	Environmental Safety and Management
	Remote Sensing and GIS Applications
	Environmental Legislation and Impact Assessment
	Solid and Hazardous Waste Management
	Sanitation and Public Health,
	Sustainability and Cleaner Technologies
	Air Pollution Control Engineering
	Air Quality Modelling and Climate Change
	Wastewater Treatment Technologies
	Water Quality Modelling and Treatment
School of Physics & Materials Science	Experimental Condensed Matter Physics (Magnetic Materials)

Name of Department/School	Sub-areas/Specializations
School of Humanities and Social Sciences	English Literature/ Communication Skills
	Psychology (Clinical/counseling/cognitive/Neuropsychology/ experimental)
	Economics
	Financial Management
	French

School	Course
School of Liberal Arts and Sciences	Art and Science of Mindfulness
	Biology, Beliefs and Behaviour: Man and the Monkey Business
	Chemistry and Physics through Biomimicry
	Comparative Culture through Movies
	Corporations, Politics and Society
	Economics and Ethics of Excellence
	Economics of Love and Living
	Ethics and Philosophy of Technology
	Mind, Media and Morality
	Philosophy of Science and Scientific Methods
	Philosophizing and Dreaming New India
	Qualitative Research Methods
	Quantitative Research Methods
	Seeing the World through Codes
	Sense Making through Framing
LM Thapar School of Management	Data Science
	Statistics and Research Methods
	Finance
	Operations Management
	HR Analytics
	Marketing
	Information Systems Accounting
	Critical Writing
	Economics