



Indian Institute of Technology Office of Student Placement

JOB ANNOUCEMENT FORM (2016-17)

Name of the Company	
Nature of Business	
Company Website	
Job Designation	
Tentative Joining Date	
Tentative Job Location	
Job Description	

New Courses Added in the Curriculum:

M.Tech in Electrical Engineering
M.Tech in Mechanical Engineering
M.Sc (Physics)
M.Sc (Chemistry)
M.Sc (Mathematics)
B.Tech (Biological Inspired System Science)

Please note: The highlights for the courses are given on the last page.

Please mark the discipline(s) either (Yes or No) in which you are interested to recruit in:

Name of the Course	Yes/No	Name of the Course	Yes/ No
B.Tech. (Mechanical)		M.Tech. (Mechanical Engineering)	
B.Tech. (Electrical)		M.Tech. (Electrical Engineering)	
B.Tech (Computer Science)		M.Sc. (Physics)	
B.Tech. (System Science)* CSE/EE/ME/Core SS		M.Sc (Chemistry)	
BISS (Biological Inspired System Science) * CSE/EE/ME/Core BISS		M.Sc. (Mathematics)	

Please note: Kindly mention the name of the section in which "*" is marked.

Salary Details (*In lacs per annum)

Program	Basic	HRA	Others	Take Home	Cost to Company
B.Tech					
M.Tech / M.Sc					

1. Please provide a detailed breakup of the salary/perks as an attachment to mail or attach it below.

2. Is there a service bond/contract (Yes/No)?

- If yes, what will be the duration, amount and stipulated conditions?

3. Medical Requirements: Yes / No

Selection Process

1. **Shortlist from Resumes (Yes/No)**

- If yes, specify the criteria below:

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2. **Further rounds for the shortlisted students**

Selection Rounds	Yes/No	Duration	Number of Rounds
Aptitude Test			
Technical Test			
Group Discussion			
Technical Interview			
HR Interview			

Contact Details

Contact Person	
Designation	
Office Address	
Mobile Number	

Please send completed form with attachments to: placements@iitj.ac.in

The Course Highlights are given below:

DISCIPLINE	PROGRAM	HIGHLIGHTS OF THE COURSE
COMPUTER SCIENCE AND ENGINEERING	B.Tech	Data Structures and Algorithms, Computer Networks, Operating Systems, Database Management Systems, Machine Learning
ELECTRICAL ENGINEERING	B.Tech	Digital logic and design, Analog Electronics, Micro Processors and Micro Controllers, Digital Communication, Power Electronics, Power Systems, Control Systems, Electromagnetic Theory
MECHANICAL ENGINEERING	B.Tech	Thermodynamics, Heat and Mass Transfer, Introduction to Manufacturing Systems, Fluid Mechanics, Kinematics of Mechanisms and Machines
SYSTEM SCIENCE	B.Tech	Mircroeconomics, Operational Research and Optimization, Game Theory, Socio Economic Networks and Business Dynamics, Financial Engineering and Systems Design
BISS	B.TECH	Microbiology, Introduction to Biology, Biophysical Techniques, Introduction to cognitive Science, Neuroscience, Physiology, Computational Biology
SYSTEM SCIENCE/BISS - ELECTRICAL ENGINEERING	B.Tech	Introduction to Electronics, Electric power Engineering , Signal System and Networks, Digital Logic and Design, Digital Signal processing, Circuit Theory, Microwave Engineering , Communication System, Analog Electronics, System Designs
SYSTEM SCIENCE/BISS- CSE	B.Tech	Programming and Data Structures , Algorithm Operating System, Compiler Design, Computer Networks, Database Management, Design Software Engineering Computer Organisation System Design
SYSTEM SCIENCE/BISS- ME	B.Tech	Introduction to Manufacturing Process, Manufacturing Technology, Mechanics of Solid, Heat and Mass Transfer. IC Engines, Machining Service, Systems Design, Refrigeration and Air Conditioning, Fluid Mechanics, Engineering Mechanics and Mechatronics
MECHANICAL ENGINEERING	M.Tech	Multibody Dynamics, Thermal Energy Conversion, Mechanical Metallurgy, Numerical Methods in Mechanics, Engineering Optimization, Experimental Techniques, Computer Aided Manufacturing
ELECTRICAL ENGINEERING	M.Tech	Digital IC Design,Digital Signal Processing & Applications,Sensors in Instrumentation, Robust Control,Wireless Communication, Embedded Systems Design,Electronic System Design, VLSI Design Techniques Adaptive Signal Processing, IC Technology,Mobile Communication Systems
PHYSICS	M.SC	Mathematical Physics, Classical Mechanics, Quantum Mechanics, Electronics Statistical Physics,Atomic and Nuclear Physics,Condensed Matter Physics,Electrodynamics,Advanced Quantum Mechanics
CHEMISTRY	M.SC	Reaction and Mechanism, Transition Metal Chemistry, Statistical Thermodynamics and Chemical Kinetics, Quantum Chemistry & Spectroscopy, Mathematical and Numerical Techniques for Chemists, Physical Organic Chemistry, Solid State & Material Chemistry, Chemical Binding and Organometallic & Bio-Inorganic Chemistry
MATHEMATICS	M.SC	Fundamental aspects of real analysis, complex analysis and functional analysis, and abstract algebra,Foundations of application oriented topics like linear algebra, ordinary and partial differential equations, probability and statistics, and optimization techniques, Computational aspects of programming techniques and numerical analysis.

