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## **Chairman's Word**

On behalf of the Office of Student Placements, I welcome you to the Placement Program of IIT Jodhpur. The Office of Student Placements was set up as an interface between Employers and Students, to help organize the placement process in an orderly and efficient way. B.Tech. students of the Institute undergo 8-12 week summer training at the end of Third Year in reputed organizations, both in India and abroad. The M.Sc. and M.Tech. students are involved in a year long research project in one of the research departments of the Institute. The Institute places emphasis on interdisciplinary projects to nurture multifaceted skills and creativity required for handling existing and anticipated real world problems. I believe that our B.Tech., M.Sc. and M.Tech. students will be an asset to the organization they join.

The Office of Student Placements has a dedicated workforce of Staff Members and volunteer students, who are equipped to help guests visiting from the Employer organisations acquaint themselves with the placement procedure, and provide necessary logistic support. I conclude by extending my cordial invitation to you to participate in the exchange of talent, hoping that this interaction will lead to a fruitful and long lasting relationship.

Manikandan Paranjothy

## **1. Introduction**

Indian Institute of Technology was established in 2008, to foster technology education and research in India. The Institute is committed to technology human resource development for India. Scholarship in training and learning; Scholarship in research and creative accomplishments; and relevance to Industry are three driving forces for us at IIT Jodhpur.

IIT Jodhpur is expected to move its establishment to a sprawling 852 acre residential permanent campus on National Highway 65 (NNE of Jodhpur towards Nagaur). The new campus is meticulously planned and envisioned to stand as a symbol of academics - simple, but deep. The first migration is expected to take place during October 2016.

As on date, the Institute has 752 Students (560 B.Tech., 39 M.Tech., 14 M.Sc. and 139 Ph.D. students) along with 54 Faculty Members and 56 Staff Members. The Institute is committed to multidisciplinary approach of technology development. It has established state-of-the-art laboratories for basic research, and has organized its academic degree activities through eight Departments and its coordinated umbrella research & development through Centres for Technologies.

## **1.1 Vision**

The Institute shall

- a. Promote technology thought and action, and
- b. Prepare needed technical human resources to meet the technology challenges of the nation.

## **1.2 Mission**

The Institute shall

- a. Create a vibrant technology Institute that incubates and promotes learning, research, invention and eventually innovation; and
- b. Prepare each primary stakeholder towards their dharma, while continuing to adhere to its core values:
  - i. Prepare competent Technology Graduates ready to meet Grand Challenges of India;
  - ii. Train active functionaries of a process driven professional Institute;
  - iii. Facilitate builders of an internationally competitive academic Institute; and
  - iv. Provide technology innovation as a force to as many industries as possible for economic value creation.

## **1.3 Core Values**

The Institute stands for a set of core values, wherein each member of the IIT Jodhpur community shall

- a. Uphold highest levels of human integrity and dignity;
- b. Not take unfair advantage of any stakeholder of the Institute;
- c. Work towards building the most admired technology Institute furthering interests of Students, Industries and Society;
- d. Commit to economic development of India through technological thought and action;
- e. Be ethical, sincere and open in all transactions; and
- f. Be continually responsible for upholding utmost confidentiality of all information and circumstances arising out of any interaction.

## 2. Bachelor of Technology

### 2.1 B.Tech. (Computer Science & Engineering)

B. Tech. (Computer Science & Engineering) Program at IIT Jodhpur focuses on imparting fundamental knowledge of theoretical as well practical concepts of Computer Science & Engineering, among the students and thereby preparing them to carry out development work, as well as take up challenges in research. There is a strong emphasis in the curriculum on hands-on experience through laboratory courses and projects. The Faculty Members of the department have undertaken various interdisciplinary projects in the fields of Medicine, Robotics, and Building Energy.

#### Courses

<b>I Semester</b>	<b>II Semester</b>
System Exploration - Drawing Computer Programming Electromagnetism & Optics Linear Algebra & Calculus Discrete Mathematics English Physical Exercise I	System Exploration - Workshop Basic Electronics Engineering Engineering Mechanics Complex Analysis & Differential Equation Data Structures & Algorithms Rights, Responsibilities, Law and Constitution Physical Exercise II
<b>III Semester</b>	<b>IV Semester</b>
Basic Electrical Engineering Digital Logic & Design Chemistry Object Oriented Analysis & Design Signals and Systems Principles of Economics	Probability Statistics and Random Processes Computer Organization & Architecture Theory of Computation Software Engineering B.Tech. Project Principles of Management
<b>V Semester</b>	<b>VI Semester</b>
Data Communication Compiler Design Operating Systems Algorithm Design & Analysis B.Tech. Project Principles of Psychology	Computer Networks Database Systems Artificial Intelligence Elective B.Tech. Project Culture, Art and Heritage
<b>VII Semester</b>	<b>VIII Semester</b>
Elective Elective Elective CS498 B.Tech. Project Basics of Leadership	Elective Elective Elective CS499 B.Tech. Project Role of Technology in the Development of India

#### Electives

1. Advanced Computer Networks 2. Pattern Recognition 3. Selected Topics in Algorithms 4. Selected Topics in Networking and Communication 5. Digital Image Analysis 6. Beyond NP- Completeness	6. Computational Complexity Theory 7. Machine Learning 8. Wireless Data Networks 9. Mobile Communication Systems 10. Computer Vision 11. Computer Graphics
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## 2.2 B.Tech. (Electrical Engineering)

The B.Tech. (Electrical Engineering) Program is designed to prepare students to pursue careers not only in industry, but also in academia and R&D. Students are instilled with a keen sense of inquisitiveness, which motivates them for continued professional betterment and improvement. The Institute has a number of laboratories required, which enable students to have practical hands-on-experience as a part of curriculum. Many of the undergraduate laboratories facilities are of state-of-the-art level, in the fields of instrumentation, electrical machines, microelectronics, signal processing, power electronics, control systems and power systems. Also, students gain experience of working on real-life problems through summer internships in the industry.

### Courses

<b>I Semester</b>	<b>II Semester</b>
System Exploration - Drawing Computer Programming Electromagnetism and Optics Linear Algebra & Calculus Physics of Semiconductor Devices English /Foreign Language Physical Exercise I	System Exploration - Workshop Basic Electronics Engineering Engineering Mechanics Complex Analysis & Differential Equation Electromagnetic Theory Rights, Responsibilities, Law and Constitution Physical Exercise II
<b>III Semester</b>	<b>IV Semester</b>
Basic Electrical Engineering Chemistry Thermodynamics Circuit Theory Signals and Systems Economics	Electrical Machines Probability Statistics & Random Processes Digital Logic & Design Power System B.Tech. Project Introduction to Management
<b>V Semester</b>	<b>VI Semester</b>
Power Electronics Microprocessors & Microcontrollers Communication Systems Analog Electronics B.Tech. Project Psychology	Information Theory & Coding Digital Signal Processing Microwave Engineering Control Systems B.Tech. Project Writing in Newspaper Column
<b>VII Semester</b>	<b>VIII Semester</b>
Elective Elective Elective CS498 B.Tech. Project Introduction to Leadership	Elective Elective Elective CS499 B.Tech. Project Development of India

### Electives

Semester VII	Semester VIII
1. Electronic System Design 2. Digital Signal Processing and Applications 3. Digital IC Design 4. Sensors in Instrumentation 5. Wireless Communications	1. Embedded Systems Design 2. VLSI Design Techniques 3. Adaptive Signal Processing 4. Mobile Communication Systems 5. IC Technology

## 2.3 B.Tech. (Mechanical Engineering)

The B.Tech. (Mechanical Engineering) Program has a dynamic curriculum, which integrates the teaching of engineering and science fundamentals along with modern industrial practices. Education at the Institute offers broad exposure to a number of facets, including Engineering Mechanism, Thermodynamics, Fluid Mechanics, Dynamics, IC engines, Combustion, Vibration Design, Manufacturing Processes, Product and Process modelling and simulation, Mechatronics, and Mechanics of materials and composites. With modern laboratory and research facilities, IIT Jodhpur encourages its Mechanical Engineering students not only to solve industry-oriented problems, but also to design and innovate. Mechanical Engineering students of the Institute are open to be employed in every facet of the Industry.

### Courses

<b>I Semester</b>	<b>II Semester</b>
System Exploration - Drawing Computer Programming Linear Algebra & Calculus Chemistry Engineering Materials English /Foreign Language Physical Exercise I	System Exploration - Workshop Basic Electronics Engineering Engineering Mechanics Complex Analysis & Differential Equation Fluid Mechanics Rights, Responsibilities, Law and Constitution Physical Exercise II
<b>III Semester</b>	<b>IV Semester</b>
Basic Electrical Engineering Electromagnetism and Optics Thermodynamics Mechatronics Mechanics of Solid Economics	Manufacturing Technology Probability Statistics & Random Processes Kinematics of Mechanism & Machines Heat and Mass Transfer B.Tech. Project Management
<b>V Semester</b>	<b>VI Semester</b>
Dynamics of Machines & Mechanism IC Engines Machining Science & Metrology Production Refrigeration Management B.Tech. Project Psychology	Refrigeration & Air Conditioning Turbomachinery Design of Machine Elements Industrial Engineering B.Tech. Project Writing in Newspaper Column
<b>VII Semester</b>	<b>VIII Semester</b>
Elective 1 Elective 2 Elective 3 CS498 B.Tech. Project Introduction to Leadership	Elective 4 Elective 5 Elective 6 CS499 B.Tech. Project Development of India

### Electives

1. Solar Thermal Design 2. Solar Refrigeration and Air Conditioning 3. Continuum Mechanics 4. Numerical Analysis of Heat and Fluid Flow 5. Lean Manufacturing 6. Dynamics of Vibration 7. Manufacturing of Plastics, Ceramics and Composites	8. Structural Mechanics 9. Water Energy Nexus 10. Finite Element Analysis 11. Design of Agricultural Implements 12. Vehicle Dynamics 13. Robotics 14. Geometric Modeling and Computer Aided Design
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## 2.4 B.Tech. (System Science)

The B.Tech. (Systems Science) Program was initiated in 2011, to promote and implement interdisciplinary education by adopting a holistic systems thinking approach. Its vision is to transform students into trained graduates with the spirit of systems thinking in diverse domains of computer systems, communication systems, natural systems and financial systems.

The B.Tech. (System Science) Program provides students with the basics of Systems Science and specialized study in one of the three engineering disciplines of Computer Science & Engineering, Electrical Engineering, and Mechanical Engineering. The Program includes courses on basics of Systems Analysis, System Thinking and Modelling, Dynamical Systems, Socio Economic & Business Dynamics, and Quantitative Finance.

Core SS	SS – CSE	SS – EE	SS – ME
Operational Research & optimization Socio Economic Networks and Business Dynamics Financial Engineering Systems Design Dynamical Systems Pattern Recognition Large Scale Mechanical Simulation	Programming & Data Structures Data Structures & Algorithm Operating Systems Programming Languages & Compiler Design Computer Networks Principles of Database Management Digital Logic & Design Software Engineering Computer Organization System Design	Introduction to Electronics Introduction to Electric Power Engineering Signal System & Networks Digital Logic & Design Digital Signal Processing, Circuit Theory Microwave Technology Electrical Machines Communication Systems Analog Electronics System Design	Introduction to Manufacturing Process Manufacturing Technology Mechanics of Solid Heat and Mass Transfer IC Engines Machining Science Systems Design Refrigeration & Air Conditioning Fluid Mechanics Engineering, Mechanics Mechatronics

The blend of exposure to engineering and systems analysis provides students an opportunity to eventually pursue a career in Systems Engineering. The four year B.Tech. (SS) Program emphasises hand on training and integration of concepts & techniques from systems approach, physical sciences and engineering.



## 2.5 B.Tech. (Biologically Inspired System Science)

B.Tech. (Biologically Inspired System Science) is a Program initiated with the broad objective to design novel, adaptive and sustainable technological solutions inspired by biological systems and processes. The Institute recognizes the need for the transition from a test-oriented singular education to a creativity-oriented multidisciplinary education, thereby blurring the existing boundaries between biology and engineering.

The B.Tech (BISS) Program provides students with basics of Biology and specialized study in one of the three engineering disciplines of Electrical Engineering, Mechanical Engineering, and Computer Science & Engineering. This program includes courses in basic biology, advanced neuroscience, psychology, cognitive science and computational biology. This blend of exposure to engineering and biology provides students an opportunity to eventually consider pursuing careers in biologically inspired engineering. The 4-Year B.Tech (BISS) Program emphasizes hand on training and integration of techniques from biological sciences, physical sciences, and engineering to address and solve multidisciplinary and integrated problem.

<b>Core BISS</b>	<b>BISS - CSE</b>	<b>BISS – EE</b>	<b>BISS – ME</b>
Microbiology Introduction to Biology Biophysical Techniques Introduction to Cognitive Science Neuroscience Physiology Computational Biology	Computer Programming Data Structures & Algorithms Algorithm Design & Analysis Operating Systems Computer Organization & Architecture Theory of Computation Computer Networks	Physics of Semiconductor Devices Basic Electronics Engineering Electromagnetic Theory Basic Electrical Engineering Signals and Systems Digital Logic & Design Microprocessors & Microcontrollers Analog Electronics Digital Signal	System Exploration - Drawing Engineering Materials System Exploration - Workshop Engineering Mechanics Fluid Mechanics Thermodynamics Mechatronics Mechanics of Solid Heat & Mass Transfer Metrology Refrigeration & Air Conditioning Industrial Engineering

### 3. Master of Science Programs

#### 3.1 M.Sc. (Physics)

The M.Sc. Program in Physics is aimed to motivate and train the young science graduates to pursue careers in R&D in frontier areas of Physics. This program aims to provide the student with rigorous training to prepare him/her for a strong career in academics and research. The Program builds a strong foundation of knowledge, pursue excellence and enhance creativity in an intellectually stimulating environment.

Domains for thesis work include the following:

- (1) Fundamental interactions of nature with the frontiers of quantum information and sub-atomic physics, which has the potential to lead to the development of relativistic quantum technologies.
- (2) Light-matter interactions to understand the nature of states with a potential use towards quantum communication, such as quantum cryptography.
- (3) Material research in solar thermal and photovoltaic devices.
- (4) RF Energy Harvesting and Nano Materials for sensor and actuator applications.

#### Courses

I Semester	II Semester
Mathematical Physics Classical Mechanics Quantum Mechanics Electronics Statistical Physics	Atomic & Nuclear Physics Condensed Matter Physics Electrodynamics Advanced Quantum Mechanics Elective I
III Semester	IV Semester
Thesis Elective II	Thesis Elective III

#### Electives

1. Astrophysics 2. Quantum Field Theory 3. Particle Physics 4. General Theory of Relativity 5. Magnetism & Superconductivity 6. Principles of Scanning Tunneling Microscope 7. Materials and Device Characterization 8. Quantum Information Processing	6. Semiconductor Device Technology 7. Electronic Transport in Mesoscopic Systems 8. Vacuum Systems & Thin Film Technology 9. Quantum Cryptography and Coding 10. Relativistic Quantum Mechanics 11. Classical & Quantum Optics 12. Computational Physics
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### 3.2 M.Sc. (Chemistry)

The two years M.Sc.(Chemistry) Program offers rigorous education in the fundamental areas of chemical science and experimentation towards technology development. The program includes sufficient time to involve in research to afford an excellent preparation for careers in computational, experimental and materials chemistry. The curriculum is designed to provide an education based on science both for students planning to pursue advanced research, and for those aiming to immediately pursue professional careers in industries or allied field, for which comprehensive knowledge of Chemistry is imperative.

#### Courses

<b>I Semester</b>	<b>II Semester</b>
Reaction and Mechanisms Transition Metal Chemistry Statistical Thermodynamics & Chemical Kinetics Quantum Chemistry & Spectroscopy Mathematical & Numerical Techniques for chemists	Physical Organic Chemistry Main Group Chemistry Solid State & Material Chemistry Chemical Binding Organometallic & Bio - Inorganic Chemistry
<b>III Semester</b>	<b>IV Semester</b>
Organic Synthesis Thesis	Analytical and Spectroscopic Techniques Thesis

#### Electives

1. Quantum Computing 2. Principles of Nuclear Magnetic Resonance 3. Analytical Techniques & Spectroscopy 4. Statistical Mechanics & Molecular Simulations 5. Advance Catalysis 6. Group Theory & Molecular Spectroscopy 7. Chemical Binding 8. Stochastic Problems in Biophysics	6. Advance Material Design 7. Polymer Dynamics 8. Art in Organic Synthesis 9. Quantum Chemistry 10. Catalysis for Energy 11. Chemical Reaction Dynamics 12. Molecular Dynamics Simulations 13. Stereochemistry of Organic Compounds 14. Water Chemistry 15. Sustainable Catalytic Design
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### 3.3 M.Sc. (Mathematics)

While the classical aspects of mathematics provide foundations for analysis of key principles behind modern and emergent technologies, modern aspects of mathematics coupled with computational capabilities are opening new avenues for further explorations. M.Sc. (Mathematics) Program at IIT Jodhpur aims at tapping these opportunities by developing workforce specialized in mathematical aspects of key technologies.

The Program strives to balance between analysis and application aspects of mathematics. In this four semester program, the first two semesters have course work, and the last two semesters have thesis work, along with recommended research summer internship in some good Institute or company.

The student can explore further in her/his area of interest with elective courses. As a part of two semester long thesis work, Students of this Program carry out research in mathematical aspects of key technologies and emerging areas. This will give them an opportunity to apply their mathematical skills to solve real-life problems. The program aims at enhancing, such real-life-problem-solving skills by collaborating with industry and R&D laboratories.

#### Courses

I Semester	II Semester
Linear Algebra Real Analysis Ordinary Differential Equation Probability and Statistics Programming Techniques	Abstract Algebra Complex Analysis Partial Differential Equations Numerical Analysis Functional Analysis
III Semester	IV Semester
Elective Thesis	Elective Thesis

#### Electives

1. Topology 2. Wavelets analysis and Applications 3. Complex Networks 4. Dynamical Systems 5. Optimization	
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## 4. Master of Technology Program

### 4.1 M.Tech. (Electrical Engineering)

Electronic systems are integral part of almost all systems today; starting from computers, laptops, cell phones, and other handheld devices, to various high cost equipment's used in research, development, and production. Currently, many of these high end systems and equipment's are being procured from outside country. To be able to build these systems in the country, learning to design these systems is crucial. Designing the associated electronic systems requires thorough understanding of various areas, such as Communications and Signal Processing, VLSI Design and Technology, Embedded Systems, and Instrumentation. Electronic Systems design and manufacturing has been identified for the nation as an important thrust area for development and self-sustainability. Hence, there is a need for creating skilled human resource in this area.

This 2-year M. Tech. (Electrical Engineering) Program with specialisation in Electronic Systems is designed to provide students enough skills for designing electronic products used in day-to-day life, as well as for high-end products for real-world applications. This Programme is intended to educate engineers to conceive electronic systems specifications, design such systems, implement, and verify them using design tools and technologies. It provides in-depth coverage of the methodologies critical to understanding and designing systems, including hardware and software components, to achieve desired functionalities. System functionality must be implemented within challenging constraints, such as real-time requirements, performance, reliability, and power consumption. To meet all the requirements, Students must not only understand the technology of hardware components (such as microprocessors), but also master the design of application-specific electronic systems.

### Courses

I Semester	II Semester
Electronic System Design Digital Signal Processing & Applications Digital IC Design Sensors in Instrumentation Elective	Embedded Systems Design Design Techniques Elective Elective Elective
III Semester	IV Semester
Thesis	Thesis

### Electives

Semester I	Semester II
1. Wireless Communication 2. DSP System Design and Implementation 3. Microelectronics Simulations 4. Biomedical Instrumentation	1. Adaptive Signal Processing 2. Mobile Communication Systems 3. IC Technology 4. System Hardware Design 5. Testing & Verification 6. CMOS Analog VLSI Design

## 4.2 M.Tech. (Mechanical Engineering)

The M.Tech. (Mechanical Engineering) Program was started in July 2015. Students with B. Tech. (Mechanical Engineering) degree and valid GATE score are eligible to apply for this Program. There is no specialization in the course work, but students can select their M.Tech. thesis in any one of the following areas: (i) Thermal Sciences (ii) Manufacturing Sciences, and (iii) Solid Mechanics and Design. (Total credits required to graduate are 64, of which 30 are to be earned through course work and rest through thesis work spread over two semesters). Current research topics in the department include: (i) Solar energy, (ii) Robotics, (iii) Automotive engineering, (iv) Manufacturing, (v) Rotor dynamics, and (vi) Computational Mechanics. The Department has active collaborations with a number of industries in terms of student exchange and R&D. Some of the industries include: Indian Oil, ONGC, Tata Motors Limited, Tata Steel, L&T, Mahindra & Mahindra Limited and TVS Motor Company Limited. M.Tech. students get exposure to CAE software, such as ANSYS, SOLIDWORKS, PRO-E, MATLAB as well as state-of-the-art research laboratories in Manufacturing Science, Solid Mechanics, and Thermal sciences.

### Courses

I Semester	II Semester
Mechanical Metallurgy Thermal Energy Conversion Numerical Methods in Mechanics Advanced Mechanics of Solids Elective 1	Experimental Techniques Engineering Optimization Computer-Aided Manufacturing Elective 2 Elective 3
III Semester	IV Semester
Thesis	Thesis

### Electives

<ol style="list-style-type: none"> <li>1. Solar Thermal Design</li> <li>2. Solar Refrigeration &amp; Air Conditioning</li> <li>3. Continuum Mechanics</li> <li>4. Numerical Analysis of Heat &amp; Fluid Flow</li> <li>5. Lean Manufacturing</li> <li>6. Dynamics of Vibration</li> <li>7. Manufacturing of Plastics, Ceramics and Composites</li> <li>8. Structural Mechanics</li> <li>9. Water Energy Nexus</li> <li>10. Finite Element Analysis</li> <li>11. Design of Agricultural Implements</li> <li>12. Vehicle Dynamics</li> <li>13. Robotics</li> </ol>	<ol style="list-style-type: none"> <li>14. Geometric Modeling and Computer Aided Design</li> <li>15. Advanced Fluid Mechanics</li> <li>16. Theory of Arc Welding Processes</li> <li>17. Failure Analysis</li> <li>18. Boundary Layer Theory</li> <li>19. Metallurgy of Joining Processes</li> <li>20. Vibration in Agricultural Implements</li> <li>21. Rotor Dynamics</li> <li>22. Quality Control of Weldments</li> <li>23. Renewable Energy Sources</li> </ol>
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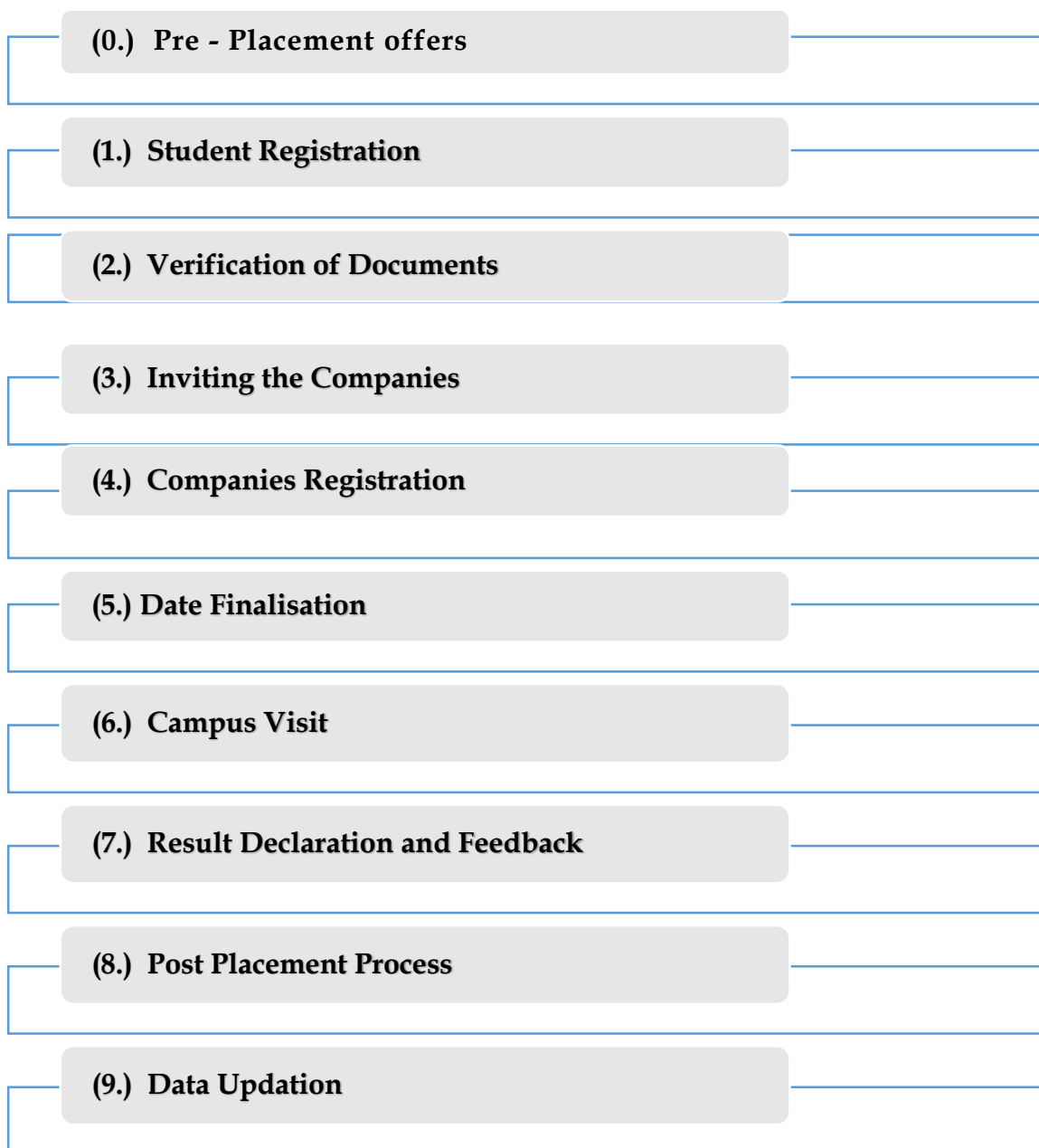
## 5. Office of Student Placements (OSP)

### 5.1.0 Pre Placement Offers

This event takes place during summer internship process. The internship tenure offers an ideal opportunity for the company to evaluate the caliber and suitability of the student for placement. If the company is impressed with the value addition that the student brings to the company, it may offer Pre-Placement offer of the employment to the student after the completion of the course. The student is liable to inform the OSP about PPO and her/his interest on acceptance.

### 5.1 Placement Procedure

The first slot of the placement process starts from the month of October and the second slots starts from the month of December and goes till the end of the session whereas for Internship usually start from December onwards. The process is briefly defined below:



### **5.1.1 Student Registration**

All the final year students who are interested for campus placements are required to fill the registration form along with their acceptance on the norms of the placements. A student once registered has to go through the entire process and non-compliance of the same may lead to strict action.

### **5.1.2 Verification of the Documents**

The next stage of registration is verification of documents. All the students who are registered are required to get their documents verified by Office of Student Placement (OSP) Members. The information mentioned in the resumes should be supported by original documents. The student is expected to give the right information to the best of his knowledge. Any forged information found, may lead to disciplinary action.

### **5.1.3 Inviting Companies**

The leading companies from all the sectors with emphasis on core technology companies are invited on the campus, where the eligible students are facilitated to go through the entire selection process. The Institute prepares a Placement Brochure, giving brief detail about Institute, courses offered, student profile etc. which is sent to every organization along with the Job Application Form (JAF).

### **5.1.4 Company Registration**

Once an organization shows interest in recruitment from the Institute, they are required to fill the JAF giving the brief details about the job description and other details for registration. Once a company is registered, the JAF is uploaded on the OSP portal and an email informing about the job opening and its details will be shared with the students by OSP. Only students who are registered can view the job opening and a list of the interested students along with their resumes is shared with the company. It will be sole responsibility of a student to keep his/her resumes updated by OSP. Once the student is registered for a particular organisation, she/he is not allowed to withdraw her/his candidature from further process.

### **5.1.5 Date Finalisation**

The dates are finalized based on the different parameters like job description, past recruitment by the companies and student interest 's. Once the dates are finalized, information about the number of members travelling, requirement for guest house and their selection procedure is collected well in advance to make the preparation accordingly. Subsequently, the said information about the date of visit and the selection procedure is forwarded to the students and specific departments for preparation.

### **5.1.6 Campus Visit**

The entire arrangement for conducting the Pre-Placement Talk / Group Discussion / Written Test and Interviews are made and other logistics requirement are also been taken care to ensure smooth flow of placement activity. OSP also ensure that the placement norms are followed properly from both ends during the day of visit.

### **5.1.7 Result Declaration and Feedback**

The results are declared by the company through OSP at the end of the process and a formal online feedback is filled by the companies which will be confidential and viewed by the Chairman – Office of Student Placements for further analyzing and making further decisions accordingly. Once the student is offered in a day, she/he is out of the placement procedure. After completion of the



process, OSP usually conducts a formal interaction of faculty members with companies depending upon the availability of time and the concerned person.

#### **5.1.8 Post Placement Process**

The OSP acts as a bridge between the company and the students for completion of all the formalities related with their offer letters, date of joining etc, till the time they join the Company and settle their issues. OSP also keep a link with all its students placed in different companies to build a long term relationship.

#### **5.1.9 Data Updation**

The data of the selected students is updated on the portal for preparation of placement statistics and further decision making. At the end of every year, the placement statistics is updated and forwarded to respective departments.

The placement process, which is rolling one, commences from the month of October every year. Recruited students can join their employers after their final examination which are to be concluded in the month of May.

## 5.2. Student Life

Apart from strong technical education imparted at the Institute, IIT Jodhpur provides students the resources and opportunities required to become well-rounded individuals. Student Council for Holistic Development (SCHoD) is the regulatory body, which facilitates and governs all student activities. It organizes activities throughout the year towards holistic development of the students. With advisory support from Faculty Member, SCHoD is run by Students themselves, which enables them to learn real-life skills, such as team work, leadership and management. The SCHoD themselves comprises both elected representatives and selected members, who run 5 societies – Technical Society, Media Arts & Design (MAD), Academic Research and Management Affairs (ARMA), Sports Society and Cultural Society. Clubs and Committees under these 5 societies organize a plethora of activities that cater to the needs of every set of students.

VARCHAS is the annual Sports Fest of IIT Jodhpur. It celebrates the spirit of sportsmanship and serves as a platform to showcase the countless hours of perspiration put in by the teams to achieve higher levels of achievement in their sport. Competitions are held in Basketball, Football, Volleyball, Cricket, Tennis, Squash, Table Tennis, Athletics, Badminton, Carrom and Chess. These competitions are held at national level stadiums (such as Barkatullah Khan Stadium and Gaushala Maidan), which are testimony to the success of the fest. As a part of Varchas, a Mini-Marathon is organized on a social issue to reach out to the last person and have a positive impact on the society.

IGNUS is IIT Jodhpur's annual Socio-Cultural cum Techno-Entrepreneurial Festival. It is a magnificent feast, where diverse students from all around the country come together to compete in diverse fields including Cultural and Technical events. Realizing its social responsibility, IGNUS organizes a social campaign, PRAKRITI, to ensure sustainable development of the society by conducting various campaigns, competitions and exhibitions in numerous school and colleges. Adding to the glitz of the fest are the pronites featuring some of the biggest artists, like Javed Ali and Vishal Dadlani etc. Also, adding to the fun are the buzzing informals, a like citywide treasure hunt named Breakthrough.

### 5.3 Demographics

B.Tech. (Computer Science & Engineering)	40
B.Tech. (Electrical Engineering)	42
B.Tech. (Mechanical Engineering)	37
B.Tech. (System Science)	34
B.Tech. (Biologically Inspired System Science)	14
M.Sc. (Physics)	5
M.Sc. (Chemistry)	6
M.Sc. (Mathematics)	3
M.Tech. (Mechanical Engineering)	12
M.Tech. (Electrical Engineering)	12

## 5.4 Summer Internships

One of the major objective of the Summer Internship is to expose the student to industrial environment as well as to familiarize with the complexities of the corporate first hand. The process of the Summer Internship is undertaken at the end of Third Year. The optional summer internship is undertaken by the student at the end of the third year. The prescribed summer internship period is of 8 weeks starting from mid of May till the mid of July.

The students registered for placements this year, have undergone summer internships in the following organizations:

### **Private Industry**

Accenture Public Company  
Cummins Inc.  
Deear Group  
Hoonar Teckwurks Limited  
Larsen and Turbo Limited  
Mercedes - Benz  
Microsoft Corporation Limited  
Morgan Stanley  
NBC Engineering Limited  
Qualcomm  
Reliance Industries  
Tata Consultancy Services  
Tata Motors Private Limited  
Tata Power Limited  
Tata Steel Limited  
TLC Manufacturing Limited  
TONBO Imaging Limited  
Yoodle Infotech Private Limited  
Webstaff Private Limited

### **Academia**

Imperial College, London  
University of Florida, USA  
University of Tubingen, Germany  
University of Hamburg, Germany  
University of Forschungszentrum Jülich, Germany  
German Research for Artificial Intelligence

### **Public Sector Undertaking**

Bharat Heavy Electrical Limited  
Coal India Limited  
Defence Research Development Organization  
Indian Oil Corporation Limited  
Power System Operation Corporation

## 5.5 Past Recruiters

### **Private Industry**

Aasaan Jobs Private Limited  
Aakash Educational Service Limited  
Allgo Embedded Systems  
Amadeus Software Labs  
Angara Ecommerce Private Limited  
Amazon.com  
Anglo Eastern Ship Private Limited  
Arm Embedded Technologies Limited  
Cairn India  
Cisco Systems  
CMC Limited  
Cocubes.com  
Cognizant Technology Solution Corporation  
CRISIL Limited  
C42 Engineering Private Limited  
DE Shaw & Company  
DIRECTI  
Drishti Software Solutions Private Limited  
Flipkart.com  
Fluidyn Instruments Private Limited  
Free Scale Semiconductor  
Future Supply Chain Solutions Limited  
Futures First  
Google  
Grofers  
Grident Technologies Private Limited  
Gyan Central  
Havells India Limited  
HCL Technologies  
Honda Cars  
Infosys  
Ittiam Systems Private Limited  
Ignite World Private Limited  
Ishi Systems  
Jindal Steel and Power  
Kritikal Solutions Private Limited  
Larsen & Turbo  
Larsen & Turbo ECC

### **Private Industry**

Nagarro Software Private Limited  
NBC Engineering Industries Limited  
National Instruments Corporation  
Navyug Solutions Limited  
Nucleus Software Exports Limited  
Oanda Financial Services  
Oracle Financial Service Corporation  
Practo Technologies Private Limited  
Renault Nissan  
Resonance Eduventures Limited  
Samsung India Software Operations  
Samsung India Software Centre  
Samsung Software Engineering Lab  
Sigmoid Analytics Limited  
Steelwedge Technologies Private Limited  
Snapdeal.com  
STMicroelectronics  
Tata Consultancy Services  
Tata Motors Private Limited  
Trident Group  
Voyalla Retail Private Limited  
Libsys Limited  
Mahindra & Mahindra Limited  
Maxheap Technologies  
Microsoft Corporation  
Misys Software Solutions Private Limited  
Morgan Stanley  
3DPLM Software Limited

### **Public Sector Undertaking**

Bank of India  
Bharat Petroleum Corporation Limited  
Bharat Heavy Electrical Limited  
Coal India Limited  
Defence Research Development Organization  
Hindustan Petroleum Corporation Limited  
Indian Army  
Indian Navy  
Indian Oil Corporation Limited  
Power System Operation Corporation

## 5.6 Contact us

For any information, Please contact:

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