



National Institute Of Technology Jamshedpur



Placement Brochure 2012-13

Phone : +91-657-2373408

Email : tap@nitjsr.ac.in



Chairman's Message

Director's Message

Why NIT JSR

Infrastructure

Departments

Academic Program

Extracurricular Activities

Student Clubs

Research & Development

Training & Placement

Placement Procedure

Our Recruiters

How to reach us

Contact us

Welcome to NIT Jamshedpur

National Institute of Technology was established by the Government of India in 1960 with an aim to produce technical graduates of the highest standards who could provide technological leadership to the country.

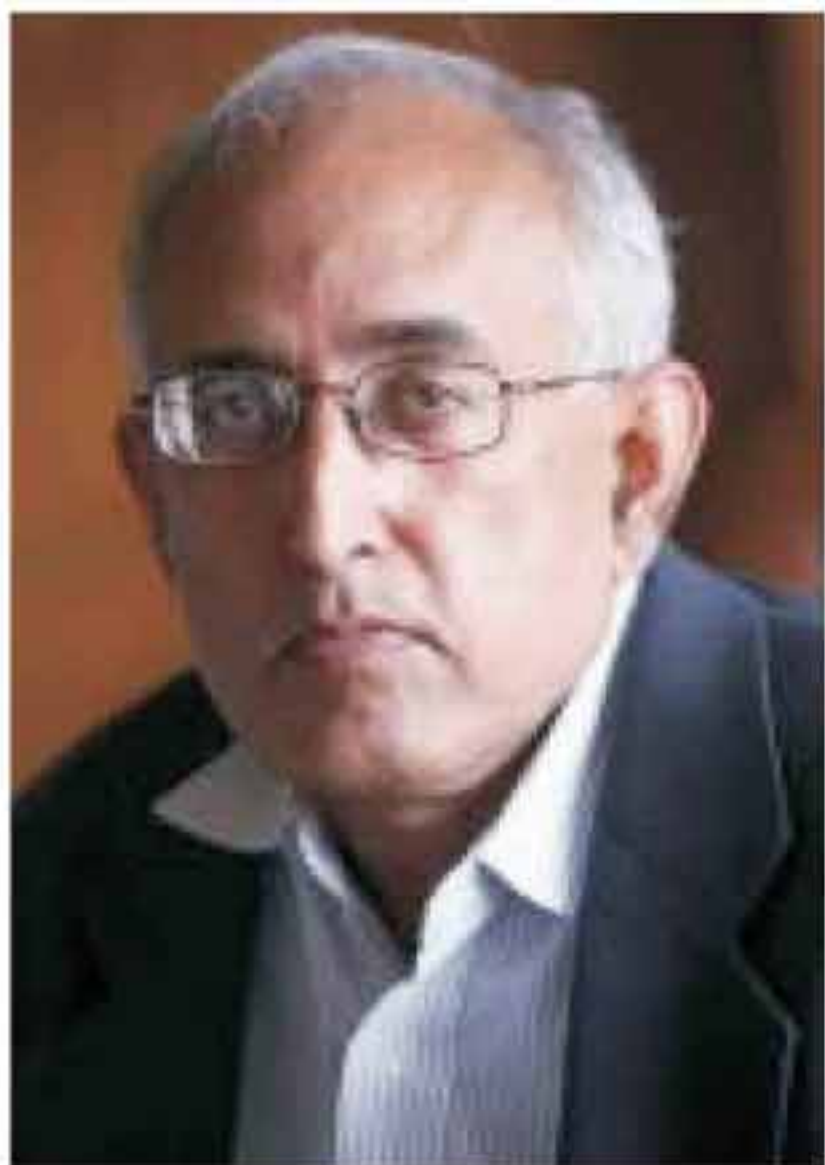
It is an autonomous institute of "National Importance" oriented towards technology, engineering & science and dedicated towards the furtherance of knowledge in the aforesaid areas, developing both students and faculty for the latest technology.

It is located on the outskirts of Jamshedpur, combining natural beauty of the countryside with the urban glamour of an industrial area that makes the 320 acres of rolling campus an ideal place for learning and research.

The institute has several departments in various disciplines of engineering, pure sciences and humanities, with nearly 100 laboratories organized on a unique pattern of functioning.

It has been growing from strength to strength ever since its establishment, justifying its stature as an Institute of National Importance by inculcating a culture of rigorous academic system, quality, teaching and an exciting extracurricular life; a fruition of honest efforts from the faculties and students alike.

Within the campus, young brilliant minds are moulded into world class professionals, adept at handling not only technical challenges but also managerial imponderables and social responsibilities.



Dr. Virander S. Chauhan

Director,
International Centre for Genetic Engineering and Biotechnology,
New Delhi Component

CHAIRMAN'S MESSAGE

NIT, Jamshedpur is reputed for its eclectic ambience which synthesizes rigorous academics and pulsating social, cultural and sports activities. NIT, Jamshedpur constantly strives through its academic programmes, research infrastructure, entrepreneurial initiatives and vigorous institute-industry partnership to enable students to keep abreast with the emerging technological areas and also be a part of the new multi-cultural environment which transcends frontiers.

NIT, Jamshedpur has achieved considerable success in its efforts to become one of the centres of excellence in the field of technical education in the country. Not only the courses here are structured to shape future technical leaders, but also to equip the students for working under exacting and stressful conditions in times of dire need.

Ours is an amalgam of excellent faculty, highly motivated and technically sound students and admirable infra structural facilities. Our sterling story is palpable through increasing number of aspirants for our institute, our unparalleled placements records, and our distinguished alumni across the world.

The commitment and dedication of our students for the betterment of the institute is veritably visible through the kaleidoscope of events and activities. It is my conviction that they will deliver even better in the future years.

DIRECTOR'S MESSAGE

Dr. Rajnish Shrivastava
Director



National Institute of Technology, Jamshedpur, one of the institutes of national importance, has been successful in carving a niche for itself in the list of educational institutions imparting technological education to the youth of the country. This cradle of excellence has the mission to impart quality education and encourage research opportunities in the country. Our institute is renowned across the whole country because of its brilliant history of serving as the alma mater of some of the brightest and most successful torchbearers of the country.

Every year, our students are selected by most of the leading companies in the country, many of which are MNCs. The distinguished faculty, meritorious students, well equipped classrooms and laboratories and most importantly, continually monitored and revised undergraduate and post graduate programs incorporating the most recent technological, management and humanistic theories and practices have been the features which have resulted in our institute being ranked amongst one of the top institutions in the country. Moreover, the exemplary placement record till date contributes to the reinforcement of its brand image of a major technology hub. We will continue to work towards our vision of chiselling the best engineers of the country and the world. We commit ourselves to work for a better future and we hope to keep earning numerous honours and accolades from the whole nation for our march towards the zenith.



The lifeline of the campus, the Computer Centre basically manages computational and network services of the institute. It is equipped with its own set of computers, servers, Java Stations and Graphic workstations connected over a fast Ethernet. Most importantly, it caters to the programming needs for processing the R&D demands of the Institute. It also houses the college web server and mail server.

The three storey central digital library, a vital and unique facility on campus, includes a Reading Hall, a Periodical section, a Processing section, a TEQIP Book Bank and a Binding Unit with an anthology of more than 100000 books, 450 current journals and audio visual lectures. The Central Library facility fully meets the needs of the Curriculum, Research and Consulting along with General Reading. It provides access to online Journals through INDEST-AICTE, DELNET and INFLIBNET. The Library often organizes mini book fairs on the campus itself which is the showcase platform for every publisher in the country.



Hostels



The obligation for students to stay on the campus full time is the most positive characteristic of the institute which helps the students learn to blend in the multi cultural environment and instills in them a sense of belonging, loyalty and team spirit.

The 320 acres of NIT campus against the backdrop of low lying hills is an ideal heaven for meaningful intellectual pursuits.



AN INSTITUTE OF EXCELLENCE

One of the prime virtues of this institute has always been the pursuit of excellence. Since its very foundation, the institute has set many benchmarks in the field of research and now, the pursuit for perfection has become a passion, for Teachers and students alike, and shall remain so in the years to come.

CHOICES IN CURRICULUM

NIT Jamshedpur offers a plethora of choices to its students in the field of engineering and sciences. The various departments offer a wide range of courses which are designed to meet the current requirements of the industry and the academia. The curriculum encourages students to apply theoretical learning to real-life scenarios in the form of case studies, research, events and live projects. The key principle behind all of the activities taken up by the students is aimed at their holistic development to build a better individual and a better personality as a whole and not merely a good engineer.

Why NIT JSR?

A CULTURE WORTH PRESERVING

It has been more than 50 years since the establishment of NIT Jamshedpur, and it is the spirit of this institute that has remained intact, which NIT JSRites carry with them wherever they go. We have always been the one to face even the most adverse of situations with ease and be the first to respond in dire needs.

SURVIVAL OF THE FITTEST

Of the 10 lakh students who take the All India Engineering Entrance Examination (AIEEE), only about 10,000 make it to NITs of which only about 500 make it to NIT Jamshedpur. This highly rigorous procedure ensures that only the best of the lot make it to this institute.

AN INSTITUTION, NOT A COLLEGE

NIT Jamshedpur distinguishes itself not as a college of engineering but as an institution. This institute of national importance is here to serve a larger purpose that is to create better technologists, better leaders and importantly better citizens capable of shouldering the responsibilities of a rising and competitive INDIA and taking the country forward.

The institute has twelve major departments which make courses progressive & interesting. The objective of the departments is to provide a rich atmosphere for learning.

DEPARTMENTS

Chemistry

Civil

Computer Applications

Computer Science

Electrical & Electronics

Electronics & Communication

Humanities

Mathematics

Mechanical

Metallurgy & Materials

Physics

Production & Industrial



Labs & Classrooms



70 Classrooms, equipped with Audio-Visual Facilities.

Lecture Halls with multimedia facilities to assist in teaching.

More than 60 laboratories certified to carry out testing & calibration, equipped with state-of-the-art equipments.

Dedicated and qualified laboratory technicians and staffs.

Division-wise computer aided laboratories.



B.Tech.(Hons.)

This four year degree program in various disciplines is divided into eight semesters. B Tech programme is developed to impart fundamentals of professional engineering. The students undergo an internship program in the pre-final year and in the final year they do an engineering project. The last semester has a project program, and students also have to participate in various seminars in the college. The selection for this programme is done through AIEEE which is a highly competitive examination taken by about 10,00,000 students across the country out of which less than 3% finally make it to the NITs.

MCA

The Master Of Computer Application Programme, which is of three year duration is offered to graduate students by the department of computer application. Along with regular course work which develops a strong theoretical base and an expertise in research, student take up projects from industries which expose them to various industrial problems. NIMCET is the qualifying exam for MCA programmes at NITs. In this examination there are about 50000 test takers out of which only 1000 candidate are finally selected to NIT.

ACADEMIC PROGRAM

M.Tech.

The Master Of Technology programme admits graduate students in core as well as interdisciplinary courses, the duration of which is two years. This programme takes a median between course work & research. The student may be required to give one or more seminars and undergo industrial/practical training during the programme. The entrance test for M.Tech course is GATE (Graduate Aptitude Test in Engineering). There are about 50,000 test takers every year with only about 400 making it to the NITs.

Ph.D.

The Ph.D. programme offered by the institute requires an original doctoral thesis that should result in a significant contribution to the state-of-art in that field. The aim of this programme is to keep pace with the expanding frontiers of knowledge and provide research training relevant to the present technological, social and economic objectives of the country. Admission to the Ph.D. programme is based on an interview and an entrance examination conducted by each department.

EXTRA CURRICULAR ACTIVITIES

A national level techno-management fest organised by NIT Jamshedpur every year. It is attended by students from every corner of the country. There are more than 40 events spanning all branches of science and technology as well as management. The unique features of the fest are technical paper presentation, project presentation, robotics, programming contests, IT quiz, B-Plan and case study.

Every year, the advent of spring, NIT Jamshedpur celebrates UTKARSH, its annual cultural fest. The students prove on such platforms that they are not only techies, but also artists. Dramatics, music competitions, debates, adventure sports, fine art exhibitions, personality contests and professional shows are the most attractive features of this fest, drawing students from across the country to showcase their talents on this grand stage. UTKARSH plays an important role in all-round personality development of an engineering graduate.

A national level symposium organised annually by the Department of Metallurgical and Materials Engineering in association with Indian Institute of Metals has a very special significance for the students of Metallurgy. It receives overwhelming response and participation from students across the country every year.

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L.D.S.

Literary and Debating Club at NIT Jamshedpur is a highly active club which consists debated, GDs, quizzes and literary events throughout the year. The society is actively engaged in sharpening the managerial, organizational and leadership qualities of the students.

C.D.S.

Cultural and Dramatics Club promotes various recreational and competitive cultural events throughout the year, serving as an excellent forum for the students to showcase their talents in these fields

F.A.C.E.S.

Fine arts club for Engineering students organizes activities relating to fine arts such as collage, face painting, tattooing, poster and card designing

STUDENT CLUBS

S.S.S.

For honing the soft skills of the budding engineers, Soft Skills Society was brought into existence in 2007, with an objective to metamorphise students into engineers who are complete in all respects, ready to take on all the challenges of life beyond this institute.

SPORTS

Sports at NIT Jamshedpur is a period of heavy adrenaline flow. The campus boasts of a medley of sporting tournaments and events throughout the year, like VM Cricket Tournament, Football Tournament, Table Tennis Tournament, Basket Ball Tournament and annual athletics meet.

RESEARCH & DEVELOPMENT

Research & Development is the cornerstone of the intellectual edifice of NIT Jamshedpur. The institute plays an important role in diverse facets of Research & Development by keeping abreast with the rapidly expanding frontiers of knowledge, with the support of sponsored programmes funded by National Organizations and industries.

Student Projects

It is mandatory for all B.Tech, M. Tech, MCA and Ph.D students to take up projects under the guidance of expert faculty. These include development and application oriented projects. Many of the projects, being sponsored by industries, provide students with an opportunity to understand and analyze real life problems relating to the industry.

TEQIP Initiatives

TEQIP is a World Bank assisted project implemented by MHRD to improve the quality of technical education in the country. NIT, Jamshedpur is included in the list of institutions to be funded. The support provided has facilitated improvements in building infrastructure and upgradation & modernization of laboratories.

Sponsored Projects

A host of government & industry funded research projects are undertaken by the faculty keeping students in the loop too. The project details are forwarded to various groups based on the nature of research and the interest shown by Government/Research bodies. The institute is rendering its Consultancy and Testing Services to various Government agencies.

Publications

All faculty members along with the students are encouraged to publish their work in peer reviewed journals and present their papers at various conferences.

TRAINING & PLACEMENT

One of the remarkable feats achieved by the Institute has been in the realm of training and placement. Our Training and Placement Department provides facilities to different companies to conduct online written tests and interviews for Campus Recruitment for the final year students. It is a matter of great pride that we have been achieving hundred percent placement of our students year after year, with top industrial houses and core & software companies recruiting our students in a big way.

Facilities for Recruiters

The T&P Department of the Institute provides facilities to different companies to conduct campus recruitment. Right from invitation to the companies to the final placement process, the placement cell provides every possible assistance to the recruiters. The hospitality & the functioning of placement cell is applauded & well received by the recruiters every year.

- Fully computerized office.
- Seminar halls to conduct pre placement talks to aid the process.
- Placement Volunteers to assist the placement process.
- Well Furnished Air – Conditioned rooms for Interview & Group discussion.

The T&P Department of the Institute provides facilities to different companies to conduct campus recruitment Interview and Written tests for the final year students of B.Tech(Hons) of various disciplines and also of M.C.A, M.Tech and Ph.D. The campus Recruitment Process starts from July and continues till May next year.

T&P department also arranges vocational training for our sixth semester B.Tech(Pre-Final Year) students of all the disciplines in different Industries and Companies located in and outside Jamshedpur. Apart from that many students undergo vocational training in prestigious organizations like TATA MOTORS, HAL, NAL, SAIL, SASKEN, NTPC and Larsen and Tubro etc.

PLACEMENT PROCEDURE

The placement policies and other related activities are handled by the Co-ordinator, placement in consultation with the Co-coordinators and the student representatives. The process of contacting companies for recruitment is handled by the Training & Placement cell.

In addition to the regular staff, students form a very active part of the Training & Placement Cell workforce. They are assisted by an undergraduate and a postgraduate student representative from each department, a core team and a team of volunteers to assist the placement process.

- ☐ An invitation letter along with the Recruitment Brochure and the Job Announcement Form (containing details of the job offer like pay package, place of posting, allowances and other perks) is sent to the recruiters.
- ☐ After receiving correspondence and filled JAF from the company, the PPT dates are finalized in consultation with the company.
- ☐ The relevant information is then passed on to the students. Representatives from the company conduct pre- placement discussion.
- ☐ The Training and placement Cell releases the placement schedule for the companies. Dates are allotted on the basis of students ranking of the company, compensation package, Career Prospects and Student Intake.
- ☐ The company is given access to all the application along with their resumes for short listing. The company submits the list of students short-listed for Group–Discussion or Personal Interview.
- ☐ After their recruitment procedure on the allotted date, the companies submit the final list of students on the same day to the Placement Cell Officials.
- ☐ The job is registered against the selected candidate after his approval.

OUR RECRUITERS

ABB	CSC	Incture Technologies	Mahindra (FES)	Sapient	TRF Ltd.
ACC Cements	CESC	India Resources Ltd.	Mahindra & Mahindra	Sasken	TVS Motors
Accenture	Comviva	Indian Navy	Maruti	SEL	UBEST
Adage Auto	CTS	Indus Logic	Maruti Suzuki	Siemens	Unisys
Adani Group	Cummins India	Infosys	Matix Fertilisers	Simplex Infrastructure	Usha Martin
Ador Welding	Deloitte	International Auto	MECON	SISC	Vardhman Steel
Adhunik Steel	DRDO	IOCL	MICROSOFT	SISO	Vedanta
AFCON	DVC	ISPAT Industries	Minda	Skytech Solutions	Verizon
Airvana	Eicher Motors	ISWP	Motorola	Soma Enterprise	Videocon
Allgo Systems	Electro Steel	ITC Infotech	Mu Sigma	Sony India	Virtusa
Alstom	ERA Group	ITW Signode	Murugappa Group	Sterlite	Visa Steel
AMAZON	Ericsson	J K Tyres	Nagra India	Suzuki Powertrain	Vizag Steel
Amdocs	ESSAR Group	JAL	NDPL	Syntel	VSNL
Apollo Tyre	ESSPL	Jamshedpur CAPCPL	NMDC	TACO	Wipro VLSI
Applied Materials	FleetGuard	Jaypee Group	NTPC	Tata Auto Components	
Arcelor Mittal	Flextronics	Jindal South West	Nucleus Software	Tata Cummins	
Areva	FMC Technologies	Jindal Stainless Ltd.	Oracle India Ltd.	Tata Motors	
Aricent	Gammon India	Jindal Steel	One 97	Tata Power	
Ashok Leyland	Gati Infrastructure	John Deere	Piaggio	Tata Ryersons	
ATOS	Global Logic	JSL	PCS	Tata Steel	
Belzabar	HCC	JSPL	Perot Systems	Tata Steel (GS)	
Bharti Infratel	HCL	JSW	Pradeep Phospate	Tata Steel IT Division	
Bhushan Steel	HCL Infinet	JUSCO	Pradhan (NGO)	Tata Technologies	
Birla Soft	HDIL	Kanbay	Power Grid Corporation	Tata Tinsplate	
BLK Construction	Head Strong	Keane India	Punj Lloyd	Tayo Rolls Ltd.	
BOC India LTD.	Hero Honda	KEC	Rancore	TCE	
Bollineni Castings & Steel Ltd.	HINDALCO	Kony Labs	Reliance Energy	TCIL	
BPCL	HPCL	L & T ECC	Reliance Infra	TCS	
Canara Bank	Hughes Software	L & T IES	Reliance Power	Tech Mahindra	
Caritor	Hutchinson	L & T Heavy Engg.	Reynault-Nissan	TEGA Industries	
CCCL	IBM	L & T Ltd.	RPSG-CESC	TELCON	
CIL	IDBI Bank	Lafarge India	Samtel	TIME	
Comsat MAX	Idea	LANCO	Samsung Heavy	TIMKEN	
Crompton Greaves	I-Flex	Mahindra British Telecom	Sankalp Semiconductors	TINPLATE	

HOW TO REACH US

Latitude : 22° 50' N

Longitude : 86° 12' E

Altitude : 153m above sea level

From Ranchi:

Jamshedpur is located at 129km from Ranchi by road. Buses ply at regular intervals and is the preferred mode of transport.

From Kolkata:

Jamshedpur is at a distance of 295km from Kolkata by train. As it is located on the main Howrah Mumbai route, the train connectivity is frequent.

From Delhi, Chennai, Mumbai, Hyderabad:

All the above places are connected by direct flight to Ranchi or Kolkata. Then travelling by train to Jamshedpur is advisable. These places are also connected by direct trains to Jamshedpur.

We'll be happy to provide you with conveyance within Jamshedpur.



Dr. S.P. Sharma

Coordinator

Training & Placement Cell

National Institute of Technology, Jamshedpur

tap@nitjsr.ac.in

(+91) 657 2373408

(+91) 9430747449

Dr. Rajeev Bhushan

Co-Coordinator

Training & Placement Cell

National Institute of Technology, Jamshedpur

(+91) 9431917538

Dr. R.N. Mohanty

Co-Coordinator

Training & Placement Cell

National Institute of Technology, Jamshedpur

(+91) 9431940110

CONTACT US