

NATIONAL INSTITUTE OF ADVANCED MANUFACTURING TECHNOLOGY (Formerly NIFFT), Ranchi



राष्ट्रीय
उन्नत विनिर्माण
प्रौद्योगिकी संस्थान
NATIONAL INSTITUTE OF
ADVANCED MANUFACTURING
TECHNOLOGY

प्रशासनिक भवन ADMINISTRATIVE BUILDING

PLACEMENT BROCHURE 2023-2024

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Director's Message

We herald the new millennium in an era of unforeseen challenges to the Indian Manufacturing Industries. As we gear up to compete with the best in the world, acquisition of knowledge and competencies will hold the key to survive in future. The contribution of Foundry and Forge industries will go a long way in helping the Indian Industries in keeping pace with the evolutionary changes, predicted in the near future. With the advent of automation and computer-numerically



-controlled machines in automation and computer -numerically-controlled machines in the manufacturing and metallurgical sector, NIAMT to broadened its initial objectives of Advanced Diploma Courses (ADC) in Foundry and Forge Technology) in 1966 and introducing B.Tech Programme in the year 1991 and M.Tech in 1985. The B.Tech programme was strongly recommended by the British experts and our innovative pedagogy makes the more sought after in the industries. We have been bringing continual changes in the course programme to make them equally demandable and industry oriented. I am confident that these programmes will continue to groom better engineers and specialists who will delineate the future.

We cordially invite you for Campus Recruitment. Your visit will be providing a pertinent Opportunity to us for mutual sharing of valuable experiences.

Prof. P.P. Chattopadhyay
Director NIAMT

Message from the Chairman, Placement & Professional Development Centre (Erstwhile Industrial Liaison Cell)

Dear Recruiters,

It gives me great pleasure to extend a warm welcome to all esteemed organizations, industry professionals, and recruiters. As the Chairman of the Placement & Professional Development Centre (Erstwhile Industrial Liaison Cell), it is my privilege to address you through the placement brochure.



At NIAMT, we firmly believe that education is the pillar to formation of careers and industry is a platform where dream of our students fulfill. As a premier institution dedicated to excellence, we have consistently nurtured and empowered our students to become dynamic, skilled, and socially responsible professionals. The success stories of our alumni, who have excelled in various domains across the globe, are a testament to the efficacy of our academic programs.

The curriculum at NIAMT is designed in close consultation with industry experts, focusing on developing not only technical competence but also fostering critical thinking, communication skills, leadership qualities, and a strong ethical foundation. Our state-of-the-art facilities, well-equipped laboratories, and a conducive learning environment contribute to a holistic educational experience.

I extend my heartfelt gratitude to all the recruiters and industry partners who have collaborated with us over the years. Your continued support has been instrumental in shaping the careers of our students and bolstering our institution's reputation.

We look forward to strengthening existing relationships and forging new ones with you, as we collectively endeavor to shape a brighter future for the next generation of professionals.

Wishing you all the best in your recruitment endeavors!

With warm regards,

Prof. Anil Kumar

Chairman, Placement & Professional Development Centre (Erstwhile Industrial Liaison Cell)
NIAMT Ranchi

About Us

National Institute of Advanced Manufacturing Technology (formerly known as National Institute of Foundry & Forge Technology) was set up by the Government of India in collaboration with UNDP-UNESCO to provide quality engineers and well trained specialists for running Manufacturing, Metallurgical, Foundry and Forge industries efficiently. Since its inception in 1966, NIAMT has earned a reputation of being a premier institute for imparting technical education, training, research and development and consultancy in the fields of manufacturing, metallurgy & foundry and forging technologies.

The admission to B.Tech and M.Tech programs is carried out through the JEE Main and GATE respectively. The institute also provides various industrial training, consultancy services to key industry players such as KSB Pumps Ahmednagar, Castamet, Rail Wheel Plant, Foundry Cluster Coimbatore & Belgaum, Surgical Cluster Baruipur, Tata Steel, Naval Dockyard and many more. The institute celebrated its golden jubilee by organizing various international seminars and conferences in the area of foundry, forging, manufacturing and metallurgical engineering. Over 100 crores of funding has been planned by the central government in developing NIAMT as a state of the art.

Academics

To meet the global challenges and disruption posed by Industry 4.0 our industries need to be one step ahead. This requires sound knowledge and professional input to make our product cheap and of robust quality. Today, our students occupy key positions in improving the efficiency and economy in the steel, automobile & manufacturing engineering sectors. Our expert and experienced faculty are leading researchers, many of whom have degrees from Ivy League and other top universities of the world. Our academic courses are carefully designed and focused on convergence of theoretical and applicable knowledge. Practical knowledge is imparted through industrial internship to face the real challenges in industries. Computer application is given due importance in designing and testing the robustness of various systems.

OUR INNOVATIVE PEDAGOGY

The pedagogic approaches followed at NIAMT are a fine mixture of collective and individual focus. Professional life cannot be devoid of values and social responsiveness.

CLASSROOM LEARNING

Based on semester pattern, the classroom is meant primarily for conceptual inputs. While theory forms a basis, actual learning occurs through practical in different labs, workshops and also through interactive sessions with faculty members & students.

NON-CLASSROOM LEARNING (HANDS-ON-EXPERIENCE)

A proactive and formally planned program for developing attitudes and skills has been formulated within NIAMT's curriculum, through a variety of projects, industry visits, internship & lectures by eminent personalities from various walks of life, and other extracurricular activities.

COMMUNICATION SKILLS DEVELOPMENT

The regular extempore, debates and seminars play a crucial role in developing a good orator out of the students.

Courses Offered

DISCIPLINE	UNDERGRADUATE PROGRAMS		POSTGRADUATE PROGRAMS	
	Bachelor of Technology (4 years)	Advanced Diploma Courses (1.5 years)	Master of Technology (2 Years)	Doctor of Philosophy (PhD)
Mechanical Engineering	✓			✓
Metallurgy & Materials Engineering	✓			✓
Foundry Technology		✓		✓
Forge Technology		✓		✓
Environmental Engineering			✓	✓
Industrial Metallurgy			✓	✓
Manufacturing Engineering			✓	✓
Foundry Forge Technology			✓	✓
★ Production and Industrial Engineering	✓			
★ Computer Engineering	✓			

★ The first batch will graduate in 2026.

Why Recruit at NIAMT, Ranchi?

1. A legacy spanning decades

NIAMT was established in 1966 through the vision of PM Nehru in accordance with the recommendations of UNDP-UNESCO. Primarily it was intended for training highly skilled engineers and technicians of India, which is why it was located near to the Heavy Engineering Corporation. It is completely and directly funded by the Central Government and has imparted the finest technical education in the country for more than 5 decades now. With Industry 4.0 around the corner, billions more in funding have been planned by the government to upgrade NIAMT into a super specialized advanced manufacturing research institute.

2. Impeccable academic standards

NIAMT is one of the top ranking engineering institutes of India. Faculty members are recruited with the same criteria which is applicable to any other Institute of National Importance. The board of governors and other mentors to the institute are eminent personalities in the country. The pedagogy and curricula are carefully designed keeping in mind the future and relevance to industry. Students are admitted through rigorous nationwide competitive exams like JEE Main and GATE. Only the top students are able to make it. The spending per student in NIAMT is comparable with the top institutes in India. Throughout their academic journey, our students are subject to rigorous testing and academic standards without any motivation for leniency or relaxation. As a result, our graduates are highly skilled professionals with great work ethic.

3. Outreach and Inclusivity

NIAMT is an all-India institute with students and faculty members hailing from all corners of the country. NIAMT scores very high on the Outreach and Inclusivity category by the National Institutional Ranking Framework.

Besides assistance in the form of various scholarships, NIAMT uses a number of tools to ensure equity and inclusivity to all sections of the society. The campus is extremely vibrant with diversity and this spirit reflects in our students.

4. All-round development

NIAMT is well known for imparting one of the finest technical educations in the country. Besides producing top engineers, our students are also groomed to perform in all walks of life. Numerous conferences, seminars and events train the students to be better speakers, presenters, collaborators and leaders. A tone of extracurricular activities exposes the students to the real world and brings the best out of their personalities. We produce not only well educated minds but also well formed minds.

5. Alumni across the Globe

Our alumni are extremely successful and well connected. NIAMT has produced top scientists and researchers in the major universities and companies of the world, business leaders in India and abroad, civil servants, leading industry experts, artists and social leaders. They are highly committed to the institute and its students offering their expertise and counsel.

Our Faculty:

The faculty members of NIAMT are highly recognized professionals holding great academic and work records. They have a very sound knowledge of their field of interest and have imbibed in themselves a complete mixture of technical knowledge and ethics. They have consistently shined and excelled throughout their research career and are highly dedicated to teaching as well. The hiring policy and regulations for Faculty members at NIAMT is similar to that of IITs and NITs. All of them have degrees from institutes of international repute or INIs.

Notable Alumni:



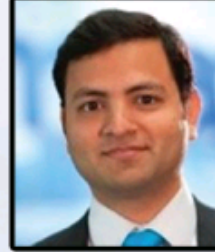
Manish Bachlaus
Director
at Citi Bank



Dr Alok Choudhury
Professor and Head of Supply
Chain Management
WMG, University of Warwick



Vijay Subramanyam
Principal, Transformation
Delivery at KPMG LLP



Nagesh Shukla
Senior Lecturer at University of
Technology Sydney, Australia



Saumitra Shukla
IFS (Indian Forest Service)
Jharkhand Cadre



Vinod Kumar
IRTS Kolkata



Rohit Nishant
Associate Professor,
Renes School of Business,
France



Rachit Jain
Founder & CEO -
Youth4work.com



Abhik Chatterjee
Managing Director
Boston Consulting Group



Dr Rahul Rai
Associate Director of AIRISE
Clemson University



Prof. Niraj Sinha
Assistant Profosor at
IIT Kanpur



Mithun Mridha
Project Portfolio Manager,
Guerbet



Vijay Kumar
Co-Founder: JYVA Engineering
Pvt. Ltd.



Pankaj Sahay
Business Head - Europe of
JSL & Member of Board of
Iberjindal SL Spain.



Dr. Venkata Reddy
Chief Operating Officer
A-D FZC, UAE



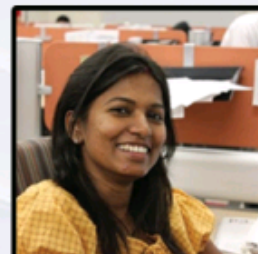
V. Srinivasa Reddy
Executive Director, Synergy
Green Industries



**Dr. Sanjay Kumar
Thakur**
Director, Quality & Reliability
Assurance at
STATS ChipPAC Ltd



Anoop Prasad
Sr Data and Applied Scientist
Microsoft



Reshma Prasad
Director Content & Service,
SAMSUNG

MOU with leading firms:



Training / Internship Details 2023

Our students have pursued their internships from the following esteemed companies and research laboratories such as Tata Steel, RINL -Vizag Steel, CMERI (Central Mechanical Engineering Research Institute), Campalin Innovations, SAIL, CSIR-NML, Shriram Pistons & Rings Ltd, Vedanta Limited (HZL), BHEL, HERO, TATA CUMMINS, TATA Bluescope Steel, Tata Metaliks, JSW Steel Limited, Brahmastra Aerospace Systems, Ayena Innovation Pvt Ltd., SANY HEAVY INDUSTRIES LTD, Rail Wheel Plant, Road Construction department (Mechanical division), Patna, Hyundai, Tata Motors, BLW, Larsen & Toubro, JCB, Coal India Limited.

Startups:



TestUrSelf is an online Test Series portal for GATE . Our community encourages, rewards and sets expectations for good online Test Series. We embrace and support learning opportunities and flexible education options. Our aim is to test you in order to provide you one-stop solutions for all your educational needs.

Youth4work.com is a 'People Platform' which empowers youth to assess themselves, improve their talents and showcase themselves for their talents and professional achievement.

We call what we are building 'Human Tech' which gathers intelligence and deep insights on each and every member of Youth4work.



utfive is a content creation and aggregation startup which keeps you connected with all your interests' areas on the go. For youngsters and millennials, it provides interest-based contents in form of videos, audios, images, and articles from credible sources which fit in a time frame of 5 minutes. The app also has a unique 'Fake-Check' which allows users to verify any doubtful information that they have and check if it's fake or real and will also help them to keep an eye on fake news stories or false posts which are trending at that point of time. utfive was building innovative solutions to fight fake news, misinformation, and biased news. It was successful in building an algorithm using machine learning and natural language processing which was successfully predicting the credibility, bias, and hatefulness of a news article. The algorithm was also able to provide all the important information around any news incident.

Beyond Academics



Lorchan Jeyaraj

Students Gymkhana

Student's Gymkhana is the apex student body of NIAMT. The students organize and participate in cricket, football, table tennis, badminton tournaments & other activities like quiz, debates, dramatics and arts.

JINKS: Cultural Fest

JINKS is one of the most popular youth festivals to be organized in this part of the country. This three day inter institute festival provides students with an opportunity to nurture their talent in the field of art and culture. It also provides them an opportunity to interact with students of other technical institutes.

PRANAV: Technical Fest

PRANAV presents a myriad of events drawing a bead on boosting the inherent technological and managerial skills in the youth and providing them with an opportunity to showcase their innovation in the present scenario of technological development.

Kartavya

This is an NGO being run by the students of NIAMT to ameliorate the lives of poor, underprivileged children living in the slums near the college campus by providing them free education and other important study materials. Some bright underprivileged children are also admitted to schools by the Kartavya team.



Society of Automotive Engineers (SAE)

Founded in 2011, the SAE club runs the college chapter of SAE International at NIAMT. Students with a flair for automobile design from undergraduate courses join this club. The team 'THRUSTERS' also participated in the Formula SAE (FSAE Italy) 2013 events and competed with teams from all over the world. The teams have brought laurels to the institute by winning and showing exemplary performance in many Asian, European and Indian competitions.



SPORTS CLUB: Cricket, Football, Volleyball, Chess.

Innovation and Entrepreneurship Development Center

Innovation and Entrepreneurship Development Center was created to inculcate entrepreneurial spirit in our students. Multiple sources of funds are available either through the institute directly or through various ministries in partnership. Students are exposed to various start-ups and the entrepreneurial culture via the activities of the cell such as guest lectures etc. Assistance is provided in the form of mentorship, seed fund, networking, and training.

Placements

Placement & Professional Development Centre (ILC)

The placement activities are managed by the Placement & Professional Development Centre (ILC). The Placement & Professional Development Centre is headed by one of the senior faculty member. The Cell works in close coordination with the student placement committee. The student placement committee consists of four members chosen from each department of B. Tech Course, one from M. Tech and two from ADC respectively. The placement committee corresponds with the prospective recruiters, arranges pre-placement talks & workshops and provides all the facilities required by the visiting companies. The placement policies and other related activities are handled by Chairman ILC in consultation with the other ILC faculty members and the student representatives. The companies are encouraged to contact ILC for initial discussions and for confirming all schedules and all official communications.

Placement Procedure

Placement Procedure

The Institute invites selected companies to the campus for placements.

The Company sends Job Notification Form (JNF) that includes:

- a) CTC
- b) Necessary arrangements for conducting interview process.
- c) Vacancies
- d) Discipline

Companies express their interest in visiting the campus for placement.

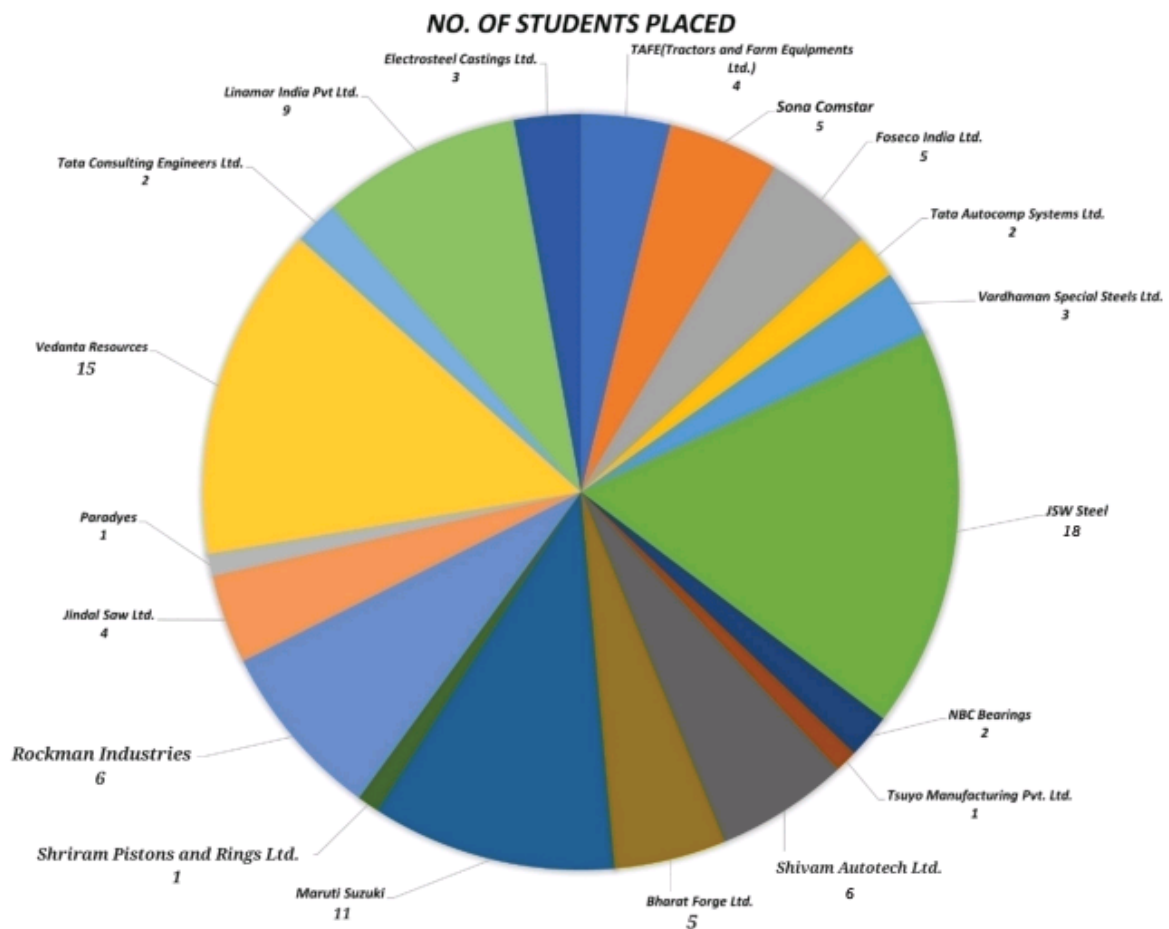
The company conducts pre-placement presentation and discussions with the students on campus, broadly covering the company profile, the career growth path, the selection procedure and the emoluments offered.

The date for final recruitment is scheduled based on mutual understanding between the Institute and the recruiting company.

Facilities for Recruiters

- I. Auditoriums to conduct Pre-Placement Talks.
- II. Well-furnished air-conditioned rooms for interviews.
- III. Fully computerized office.
- IV. Student volunteers for all possible arrangements on the day of visit.
- V. Video and Teleconferencing facility.
- VI. Arrangements for stay at Guest House.

Placement Stats of B. Tech (2019-23)



B. Tech students of 2019-23 are placed with highest CTC of 14 Lpa and average 9.25 Lpa. The students of ADC and M. Tech are placed with an excellent placement record of 100% and 70% respectively.

Our Recruiters



How to reach NIAMT ?

The Institute campus is located in the picturesque surroundings of southern Ranchi. Ranchi being located at little over 600 m height above mean sea level, has pleasant climate all through the year, thus providing ideal ambience for academic pursuits.

AIRWAYS

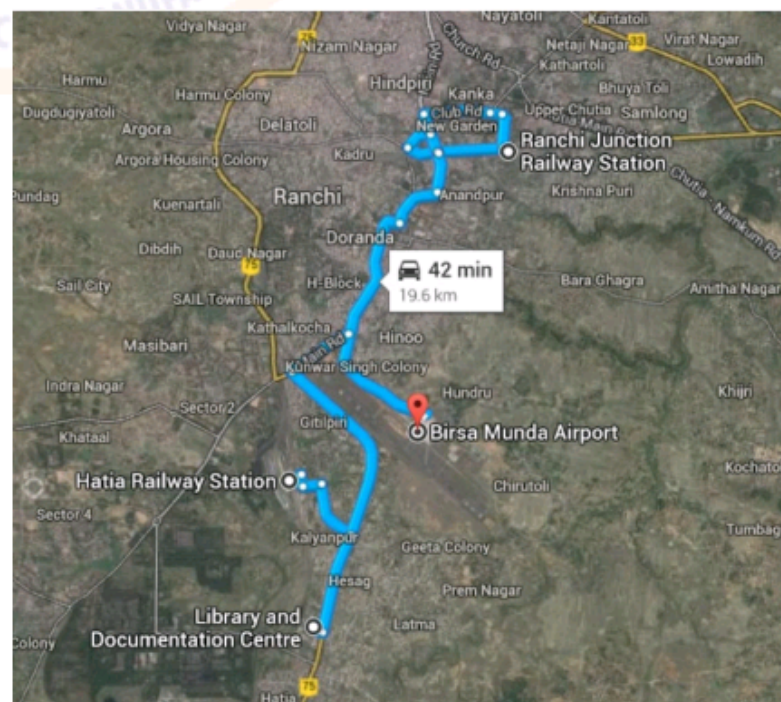


Distance from Ranchi Airport: 6 km

Distance from Ranchi Railway Station: 10 km
Distance from Hatia Railway Station: 1.5 km



RAILWAYS



Chairman

Placement & Professional Development
Centre (Erstwhile Industrial Liaison Cell)



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Student Coordinators (B.Tech)

Metallurgy and Materials Engineering



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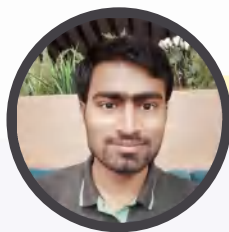


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Mechanical Engineering



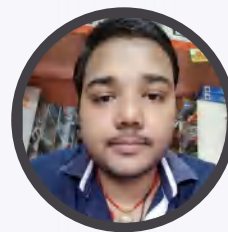
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Environmental
Engineering

ADC



UTSAB PALADHI

Forge Technology



SHUBHADEEP SHIT

Forge Technology



SACHIN KUMAR SINGH

Foundry Technology



SAYAN CHOWDHURY

Foundry Technology



PLACEMENT & PROFESSIONAL DEVELOPMENT CENTRE (ERSTWHILE INDUSTRIAL LIAISON CELL)

NATIONAL INSTITUTE OF ADVANCED
MANUFACTURING TECHNOLOGY

(FORMERLY NATIONAL INSTITUTE OF
FOUNDRY AND FORGE TECHNOLOGY)

CONTACT US

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