



NATIONAL INSTITUTE  
OF  
FOUNDRY AND FORGE  
TECHNOLOGY

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NATIONAL INSTITUTE OF  
FOUNDRY & FORGE TECHNOLOGY  
HATIA, RANCHI  
( Under the ministry of HRD, Govt. of India )

**INDUSTRIAL LIAISON CELL**

**PLACEMENT  
BROCHURE** 2018-19

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[nifft.ac.in](http://nifft.ac.in)



Location

HATIA, RANCHI, JHARKHAND  
PIN: 834003

## Our philosophy

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*"Accomplishing excellence in the  
arena of technical education  
and  
acting as a leader, for  
creating,  
acquiring and disseminating a  
state of art knowledge &  
expertise  
in manufacturing, metallurgy,  
foundry, forge & allied fields"*

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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 the manufacturing and metallurgical sector, NIFFT 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 NIFFT**





## About NIFFT

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, NIFFT 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. A new batch of Mechanical Engineering is going to start from 2018. The admission to B.Tech programs is carried out through the JEE Mains. The institute is also serving various industrial training, consultancy and solving various industrial problem to KSB Pumps Ahmednagar, Castamet, Rail Wheel Plant Chapra, Foundry Cluster Coimbatore & Belgaum, Surgical Cluster Baruipur, Tata Steel, Naval Dockyard. The institute has celebrated its golden Jubilee by organizing various activities in the area of foundry, forging, manufacturing and metallurgical engineering.



# Academics

Record level expansion of Indian metal industries demands rigorous competencies and cutting edge technology inputs. To meet the global challenges our steel 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 a key position in improving the efficiency and economy in the steel, automobile & manufacturing engineering sectors. Our academic courses are focussed 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 NIFFT 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 NIFFT'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.



# BACHELOR OF TECHNOLOGY

1. Manufacturing Engineering
2. Metallurgy & Materials Engineering



# MASTER OF TECHNOLOGY

1. Foundry And Forge Technology
2. Manufacturing Engineering
3. Materials Science and Engineering
4. Environmental Engineering



# ADVANCED DIPLOMA COURSE

1. Foundry Technology
2. Forge Technology





## EXTRA CURRICULAR ACTIVITIES

### Students Gymkhana

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 NIFFT students 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 underprivileged bright children are also admitted to schools by Kartavya team.



## Society of Automotive Engineers (SAE)

Founded in 2011, the SAE club runs the college chapter of SAE International at NIFFT. 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.



## SPORTS CLUB: Cricket, Football, Volleyball, Chess

Students participate in Various Sports events which are organised within & outside the campus.



# PLACEMENTS

## Industrial Liaison Cell (ILC)

The placement activities are managed by the Industrial Liaison Cell. The ILC is headed by one of the senior faculty member. The Cell works in close coordination with student placement committee. The student placement committee consists of two member chosen from each department of B.Tech. Course, one from M.Tech and two from ADC. The placement committee corresponds with the prospective recruiters, arranges Pre-placement talks and 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

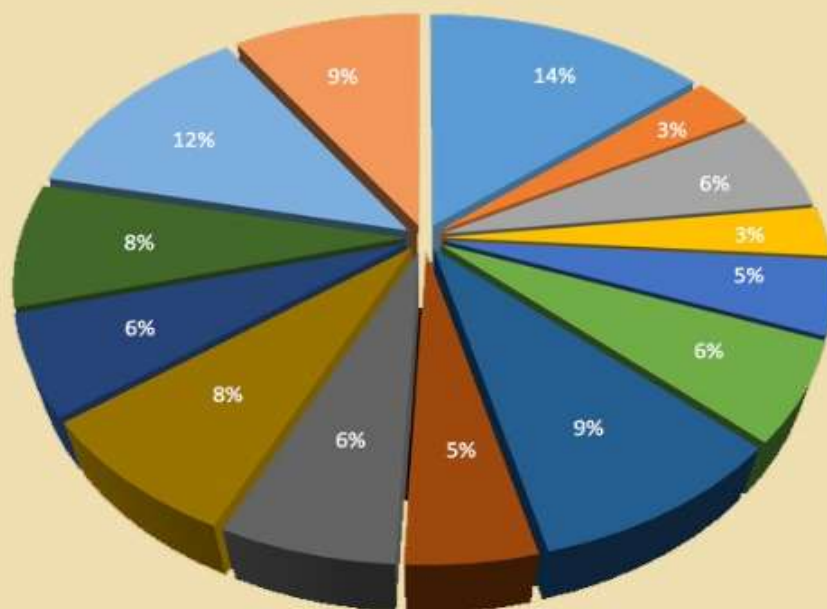
- I. The Institute invites selected companies to the campus for placements.
- II. Company sends Job Notification Form(JNF) that includes:
  - (a) CTC
  - (b) Necessary arrangements for conducting interview process.
  - (c) Vacancies
  - (d) Discipline
- III. Companies express their interest in visiting the campus for placement.
- IV. 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.
- V. 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. Video and Tele conferencing facility in special cases.
- V. Student Volunteers for all possible arrangements on the day of visit.

**Placement Status of 2016-17**



- |                                |                                |
|--------------------------------|--------------------------------|
| ■ DCM Engineering Electrosteel |                                |
| ■ Casting Federal-Mogul        |                                |
| ■ Powertrain                   |                                |
| ■ Ghaziabad Precision Products |                                |
| ■ Hindalco                     | ■ KPMG                         |
| ■ Hinduja Foundries            | ■ Laxmi Machine Works          |
| ■ Kirloskar Brothers Ltd.      | ■ MPM Foundry Solutions        |
|                                | ■ Shivam Autotech              |
|                                | ■ Shri R.N. Metals Ltd.        |
|                                | ■ Steel strips and Wheels Ltd. |
|                                | ■ Tata Motors                  |



# OUR RECRUITERS









# INDUSTRIAL LIAISON CELL

## Faculty Co-ordinators

NAME	CONTACT NO.	EMAIL
Dr K K Singh Chairman, ILC	9934107324	kksingh_nifft@yahoo.com
Dr S Basu Member Secretary	9504774105	basusubhankar4@gmail.com

## How to reach NIFFT

The Institute campus is located in the picturesque surroundings of southern Ranchi, about 10 km from Ranchi Railway station and 6 km from Ranchi airport. 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.



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प्रशासनिक भवन



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