

# PLACEMENT BROCHURE 2022-2023



Training & Placement Division  
**Birla Institute of Technology**

Mesra | Ranchi | Jharkhand

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# About Us

Birla Institute of Technology (BIT), Mesra, Ranchi was founded by the Philanthropist, Industrialist Mr. B.M. Birla in the year 1955, as part of his lifelong commitment towards building a technologically advanced and industrially strong India. The achievements of the Institute, both in terms of research and excellent standard of academic programmes led to its attaining the status of a deemed to be University in 1986, under section 3 of the UGC Act, 1956. BIT offers undergraduate, postgraduate as well as doctoral level programmes in all major branches of Engineering and Technology, Architecture, Pharmaceutical Sciences, Biotechnology, Business Management & Hotel Management & Catering Technology. It is a full member of Indian Universities and its academic standards are recognised globally. The Institute continues to add and upgrade the infrastructure and maintain high academic standards through excellence in teaching as well as curriculum development to address the changing needs of the Industry. The Institute has laterally expanded through establishment of several extension centres in India. The main campus of the Institute is located in a picturesque 780 acres setting at the confluence of the rivers Jumar and Subernrekha, 16 kilometers from Ranchi city. It is entirely residential, providing accommodation to all the students. The Institute buildings includes Research Laboratories, Lecture Halls, Central Library, Workshops etc. cover an area exceeding 5,00,000 Sq. ft. The well laid out Campus of the Institute provides facilities for cultural, recreational and sports activities.





# Why Recruit From BIT MESRA

- Admission to all Undergraduate Engineering programmes is based on All India Ranking in JEE Mains through CSAB/JoSAA.
- All programmes are duly approved by AICTE/UGC.
- Academic collaboration with leading Universities in the USA, UK & Canada for student learning opportunities, Faculty exchange and Research.
- Summer Research Experience at Carnegie Mellon University (Pittsburg, USA), Illinois Institute of Technology (Chicago, USA), Georgia Institute of Technology (Georgia, USA) and Virginia Polytechnic Institute and State University (Virginia, USA).
- Co-curricular and Extracurricular activities, student managed clubs and events give them further avenues to express and develop themselves beyond academics.
- NIRF Ranking – 38th
- Alumni are engaged with Institute and the students, motivating and mentoring them to perform and excel at whatever they do.
- Supported by more than a century old leading Business Conglomerate, the CK Birla Group.
- A legacy of 66 years of imparting finest technical education in the country.



Academic Programmes Offered									
Programmes	Students available for		Campuses						
	Placement	Internship/ Project	Mesra	Patna	Deoghar	Jaipur	Noida	Lalpur	Allahabad
<b>Engineering and Technology Programmes</b>									
<b>Bachelor of Engineering (B.E. - 4 years)</b>	✓	✓	✓	✓	✓	✓			✓
Computer Science & Engineering	✓	2/6 months	✓	✓	✓	✓			✓
Information Technology	✓	2/6 months	✓	✓					
Electronics & Communication	✓	2/6 months	✓	✓	✓	✓			
Electrical & Electronics	✓	2/6 months	✓	✓	✓	✓			
Mechanical	✓	2/6 months	✓	✓	✓				
Production	✓	2/6 months	✓	✓					
Civil	✓	2/6 months	✓	✓					
Chemical	✓	2/6 months	✓						
Chemical Engineering (Plastics and Polymer)	✓	2/6 months	✓						
Bioengineering	✓	2/6 months	✓						
<b>Master of Computer Application (MCA - 3 years)</b>	✓	6 months	✓			✓	✓	✓	
<b>Integrated M.Sc. - Math &amp; Computing (IMSc - 5 years)</b>	✓	6 months	✓						
<b>Master of Engineering (M.E. - 2 years)</b>	✓	✓	✓	✓					
a. Automation Manufacturing System	✓	1 year	✓						
b. Chemical	✓	1 year	✓						
c. Civil	✓	1 year	✓						
i. Soil Mechanics & Foundation Engineering	✓	1 year	✓						
ii. Structural Engineering	✓	1 year	✓						





## Academic Programmes Offered

Programmes	Students available for		Campuses					
	Placement	Internship/Project	Mesra	Patna	Deoghar	Jaipur	Noida	Lalpur
d. Computer Aided Analysis & Design (CAAD)	✓	1 year	✓					
e. Electronics & Comm.	✓	1 year	✓	✓				
i. Microwave Engineering	✓	1 year	✓					
ii. Instrumentation & Control	✓	1 year	✓					
iii. Wireless Communication	✓	1 year	✓	✓				
f. Electrical & Electronics	✓	1 year	✓					
i. Control Systems	✓	1 year	✓					
ii. Power Systems	✓	1 year	✓					
iii. Power Electronics	✓	1 year	✓					
g. Mechanical	✓	1 year	✓					
i. Heat Power	✓	1 year	✓					
ii. Design of Mechanical Equipment	✓	1 year	✓					
h. Space Engineering & Rocketry	✓	1 year	✓					
i. Rocket Propulsion	✓	1 year	✓					
ii. Aerodynamics	✓	1 year	✓					
<b>Master of Technology (M.Tech. - 2 years)</b>	✓	✓	✓	✓				
a. Computer Science	✓	1 year	✓	✓				
b. Information Security	✓	1 year	✓					
c. Information Technology	✓	1 year	✓					
d. Remote Sensing	✓	1 year	✓					
e. Environment Science & Engineering	✓	1 year	✓					
f. Energy Technology	✓	1 year	✓					
g. Nano Sc. & Technology	✓	1 year	✓					
h. Biotechnology	✓	1 year	✓					



Academic Programmes Offered								
Programmes	Students available for		Campuses					
	Placement	Internship/Project	Mesra	Patna	Deoghar	Jaipur	Noida	Lalpur
i. Bio-Medical Instrumentation	✓	1 year	✓					
Management Programmes								
<b>Master of Business Administration (MBA - 2 years)*</b>	✓	2 months	✓				✓	✓
Finance	✓	2 months	✓				✓	✓
HRM	✓	2 months	✓				✓	✓
Business Analytics	✓	2 months	✓					✓
Marketing	✓	2 months	✓				✓	✓
<i>*Dual specialization in any two of the above four specializations</i>								
Pharmaceutical & Science Programmes								
<b>Bachelor of Pharmacy (B.Pharm. - 4 years)</b>	✓		✓					
<b>Master of Pharmacy (M.Pharm. - 2 years)</b>	✓							
Pharmaceutics	✓		✓					
Pharmaceutical Chemistry	✓		✓					
Pharmacognosy	✓		✓					
Pharmacology	✓		✓					
Clinical research	✓		✓					
Quality Assurance & Regulatory Affairs	✓		✓					
<b>Integrated M.Sc. (IMSc - 5 years)</b>	✓							
Chemistry	✓		✓					
Physics	✓		✓					
Food Technology	✓		✓					





Academic Programmes Offered								
Programmes	Students available for		Campuses					
	Placement	Internship/Project	Mesra	Patna	Deoghar	Jaipur	Noida	Lalpur
<b>Master of Science (M.Sc. - 2 years)</b>	✓							
Biotechnology	✓		✓					
Bio-Informatics	✓		✓					
Geo-informatics	✓		✓					
Applied Physics	✓		✓					
Applied Chemistry	✓		✓					
Applied Mathematics	✓		✓					
Architecture Programmes								
<b>Bachelor of Architecture (B.Arch. - 5 years)</b>	✓	4 months	✓	✓				
<b>Master in Urban Planning (MUP - 2 years)</b>	✓	2 months	✓					
Other Programmes								
<b>Bachelor of Hotel Management &amp; Catering Technology (BHMCT - 4 years)</b>	✓	6 months	✓					
<b>B.Sc. Animation &amp; Multimedia (B.Sc. A&amp;M - 3 years)</b>	✓					✓	✓	
<b>Bachelor of Computer Applications (BCA - 3 years)</b>	✓			✓		✓	✓	✓
<b>Bachelor of Business Administration (BBA - 3 years)</b>	✓			✓		✓	✓	✓



# Beyond Academics

## NSS

The National Service Scheme is a public service program conducted by the Ministry of Youth Affairs and Sports of the Government of India. BIT Mesra has a well established NSS cell consisting of around 1000 volunteers who are actively involved in various activities of social cause.



*NSS BIT Mesra organizing a river cleanliness drive on the campus.*



*NSS BIT Mesra members visiting an Old Age Home.*

## Technical Clubs

### ● Association of Computer Machinery (ACM)

ACM is an international scientific and educational organization dedicated to advancing the art, science, engineering, and application of information technology. ACM BIT Mesra Students Chapter is an extension of ACM and aims at enhancing the computing skills of students in the campus. Our students have made their presence in international competitions like ACM International Collegiate Programming Contest (ACM-ICPC) - Annual competitive programming competition among universities of the world sponsored by IBM.





The Google Summer of Code (GSoC) - An international annual program in which Google awards stipend to students who completes a free and open source software coding project during summers. Winter of Security - Organized by Mozilla's Security team to involve students with Security project.

## ● **Society of Automotive Engineers**

SAE or the Society of Automotive Engineers, BIT Mesra is a club comprising of the brightest minds in the college devoted in the field of Automobile Research.

### ● **Team Srijan**

Team Srijan is the Formula Student team of BIT Mesra. It is a club of 40 undergraduate engineering students from multiple branches who conceive, design and manufacture a Formula style race car. Team Srijan is the best Formula Student team from east India and ranks 11th overall in India.

### ● **Team Firebolt**

Firebolt Racing is the official off-road racing team of BIT Mesra that comprises of 30 undergraduate automobile enthusiasts. The team designs and manufacturers an All Terrain Vehicle and takes part in the BAJA SAEINDIA (world's largest amateur racing competition).

### ● **Team Aveon Racing**

Aveon Racing is the official team of BIT Mesra which participate in SAE e-BAJA competition organised by Mahindra.



*Team Srijan*



*Team Aveon*



*Team Firebolt*



## ● Robolution

Team Robolution is a group of ingenious students from different branches, with a common purpose – “Dextering Robotics”. It is the official robotics team of Birla Institute of Technology, Mesra. A part of our team, “Team Pratyumnis” is the official ABU, Robocon participating team of BIT Mesra which is the largest robotics competition in Asia Pacific. Our best rank in ABU-ROBOCON is 9th (out of 90).



*Robolution organising Robotics Exhibition on Independence Day*

## ● Entrepreneurship Development Cell (EDC)

Entrepreneurship Development Cell is dedicated to promote the spirit of entrepreneurship among the students of the college and the region.

## ● Environment Protection & Awareness Club (EPAC)

The club works towards achieving an objective and fulfilling an ideal that is greater than any of us which is saving the environment.



*EDC organising E-Summit'20*



*EPAC organising Jharkhand Science & Environmental Fest'20*



- **Literary Society**

The Literary Society is the official literature club of BIT Mesra.

- **Photographic Society (PSOC)**

The Photographic society holds the distinction to be one of the oldest club of the college with its foundation dating back to 1964. The principal objective of the club is to promote the art and science of photography and video making among the students of BIT. The club has launched its Instagram handled by the name psoc.bitm.

- **Sports Mentorship & Adventure Club**

Student Mentorship & Adventure Club was formed with the objective to magnify the existing magnanimous scenario of sports & adventure in our Institute.

- **Music & Dance Club**

The Music Club of BIT Mesra, creates a brilliant atmosphere on the campus where all students learn music along with management skills via mutual participation.

- **Dramatics Society**

Ehsaas Dramatics Society of BIT Mesra, a body with about 200 members is among the most functioning society of BIT Mesra.

- **News & Publications Society**

News and Publication Society, prevalently known by its acronym N.A.P.S.



*Literary Society*



*Photographic Society*



*SMAC organising Women's Football Matches in FUTSAL*



*Music & Dance Club*



*Dramatics Society  
organising Dramzest*



## International Tie-ups with University for Summer Research



Carnegie Mellon University



Illinois Institute of Technology



Georgia Institute of Technology



Virginia Polytechnic Institute  
and State University

## Our Recruiters







## Training & Placement Facilities



Equipped Conference Rooms



Equipped Seminar Rooms



Conference Facilities



Skype Facilities







# Placement Process

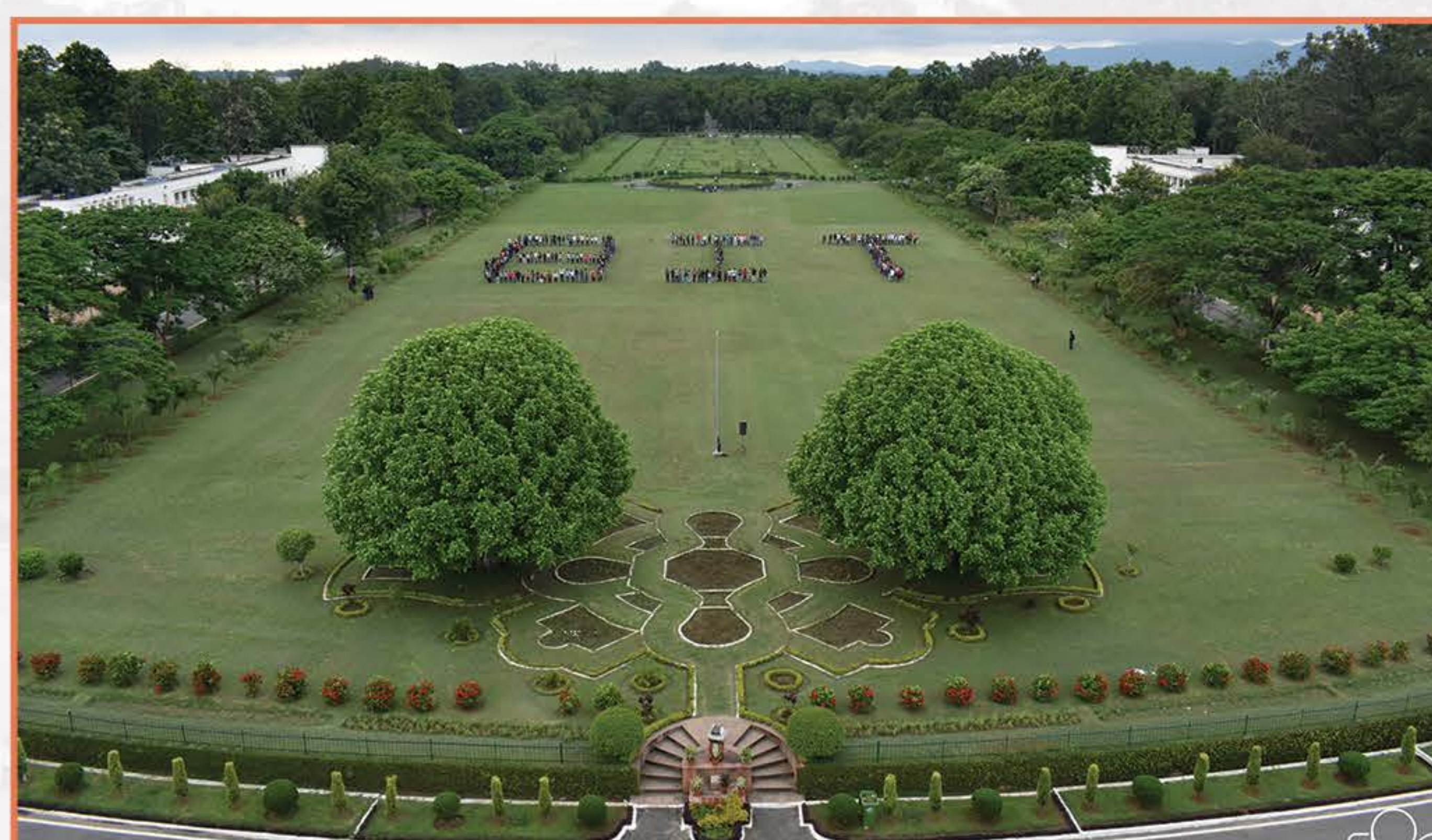


## Placement Norms :

- ▶ Any eligible and unplaced student may opt for IT Services Company. A student possessing IT services offer may not be allowed to sit for any such companies
- ▶ Student who is placed in IT services company may also get chance to appear for the core recruiters. A student placed in core company shall not be allowed to sit in any other process except dream jobs
- ▶ There is also a provision for dream recruiters wherein all eligible placed/ unplaced students may be allowed to participate in the process. Dream job declaration shall be at the discretion of T&P Division. A student possessing dream offer shall not be allowed to sit in any other process
- ▶ All the eligible and registered students are allowed to participate in the internship process, irrespective of holding any final placement offer, if they have not secured any internship offer
- ▶ The student who registers for any placement or internship process and does not appear for the same will be debarred from placement and internship facility
- ▶ T&P Division reserves the right to take decision in the benefit of the stake holders



## Glimpses of the Campus











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