



# BIRLA INSTITUTE OF TECHNOLOGY MESRA PLACEMENT BROCHURE

**2023-2024**

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## TRAINING & PLACEMENT DIVISION

# About Us

Birla Institute of Technology (BIT), Mesra, Ranchi

Founded by the philanthropist and industrialist Mr. B.M. Birla in 1955, BIT is a premier institute of higher education and research in India. It was granted the status of a deemed to be university in 1986, under section 3 of the UGC Act, 1956, in recognition of its academic excellence and contribution to the industrial development of the country.

BIT offers undergraduate, postgraduate and doctoral level programmes in various disciplines of engineering and technology, architecture, pharmaceutical sciences, biotechnology, business management, hotel management and catering technology. It is a full member of the Association of Indian Universities and its academic standards are globally acknowledged having NAAC Accreditation (Grade A)

The institute has a vision of building a technologically advanced and industrially strong India, and strives to maintain high academic standards through excellence in teaching and curriculum development. It also fosters innovation and research through its well-equipped laboratories and workshops. The institute has expanded its reach through several extension centres across the country.

The main campus of the institute is situated in a scenic 780 acres land at the confluence of the rivers Jumar and Subernrekha, 16 kilometers from Ranchi city. It is a fully residential campus, providing accommodation to all the students. The campus also offers facilities for cultural, recreational and sports activities for the holistic development of the students.



# Why Recruit From BIT MESRA

## Admission and Academic Collaboration

- 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 and Canada for student learning opportunities, faculty exchange and research.

## Research and Learning Opportunities

- 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 to enhance the overall development of the students.

## Ranking and Alumni

- NIRF ranking - 53rd
- Alumni are engaged with the institute and the students, motivating and mentoring them to perform and excel at whatever they do.

## Legacy and Support

- Supported by more than a century old leading business conglomerate, the CK Birla Group.
- A legacy of 67 years of imparting finest technical education in the country.

# Academic Programmes Offered

Academic Programmes Offered								
Programmes	Students available for		Campuses					
	Placement	Internship/ Project	Mesra	Patna	Deoghar	Jaipur	Noida	Lalpur
Engineering and Technology Programmes (Bachelors)								
Bachelor of Technology (B.Tech - 4 years)	✓	✓	✓	✓	✓	✓		
Computer Science & Engineering	✓	2/6 months	✓	✓	✓	✓		
Artificial Intelligence and Machine Learning	✓	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	✓					
Engineering and Technology Programmes (Masters)								
Master of Computer Application (MCA- 3 years)	✓	6 months	✓			✓	✓	✓
Integrated M.Sc.-Math & Computing (IMSc – 5 years)	✓	6 months	✓					
Master of Technology (M.Tech. – 2 years)	✓	1 year	✓	✓				
1. Computer Science	✓	1 year	✓	✓				

Academic Programmes Offered								
Programmes	Students available for		Campuses					
	Placement	Internship/ Project	Mesra	Patna	Deoghar	Jaipur	Noida	Lalpur
<b>3. Biotechnology</b>	✓	1 year	✓					
<b>4. Bio-Medical Instrumentation</b>	✓	1 year	✓					
<b>5. Automation Manufacturing System</b>	✓	1 year	✓					
<b>6. Civil</b>	✓	1 year	✓					
a. Soil Mechanics & Foundation Engineering	✓	1 year	✓					
b. Structural Engineering	✓	1 year	✓					
c. Environment Science & Engineering	✓	1 year	✓					
<b>7. Electronics &amp; Comm.</b>	✓	1 year	✓	✓				
a. Microwave Engineering	✓	1 year	✓					
b. Instrumentation & Control	✓	1 year	✓					
c. Wireless Communication	✓	1 year	✓	✓				
<b>8. Electrical &amp; Electronics</b>	✓	1 year	✓					
a. Control Systems	✓	1 year	✓					
b. Power Systems	✓	1 year	✓					
c. Power Electronics	✓	1 year	✓					
<b>9. Mechanical</b>	✓	1 year	✓					
a. Heat Power	✓	1 year	✓					
b. Design of Mechanical Equipment	✓	1 year	✓					
c. Computer Aided Analysis & Design (CAAD)								
d. Energy Technology								
<b>10. Space Engineering &amp; Rocketry</b>	✓	1 year	✓					
a. Rocket Propulsion	✓	1 year	✓					
b. Aerodynamics	✓	1 year	✓					
<b>11. Production and Industrial</b>	✓	1 year	✓					

Academic Programmes Offered								
Programmes	Students available for		Campuses					
	Placement	Internship/ Project	Mesra	Patna	Deoghar	Jaipur	Noida	Lalpur
Management Programmes*								
<b>Master of Business Administration</b> (MBA – 2 years) *	✓	2 months	✓					
<b>a. Finance</b>	✓	2 months	✓				✓	✓
<b>b. HRM</b>	✓	2 months	✓				✓	✓
<b>c. Business Analytics</b>	✓	2 months	✓				✓	✓
<b>d. Marketing</b>	✓	2 months	✓				✓	✓
<b>e.IT &amp; Operations</b>	✓	2 months	✓				✓	✓
*Dual specialization in any two of the specializations								
Pharmaceutical Programmes								
<b>Bachelor of Pharmacy</b> (B.Pharm.- 4 years)	✓		✓					
<b>Master of Pharmacy</b> (M.Pharm. – 2 years)	✓							
<b>a.Pharmaceutics</b>	✓		✓					
<b>b.Pharmaceutical Chemistry</b>	✓		✓					
<b>c.Pharmacognosy</b>	✓		✓					
<b>d.Pharmacology</b>	✓		✓					
<b>e.Clinical Research</b>	✓		✓					
<b>f.Quality Assurance &amp; Regulatory Affairs</b>	✓		✓					
<b>Integrated M.Sc.</b> (IMSc – 5 years)	✓		✓					
<b>Chemistry</b>	✓		✓					
<b>Physics</b>	✓		✓					
<b>Food Technology</b>	✓		✓					
<b>Master of Science</b> (M.Sc. – 2 years)	✓		✓					
<b>Biotechnology</b>	✓		✓					

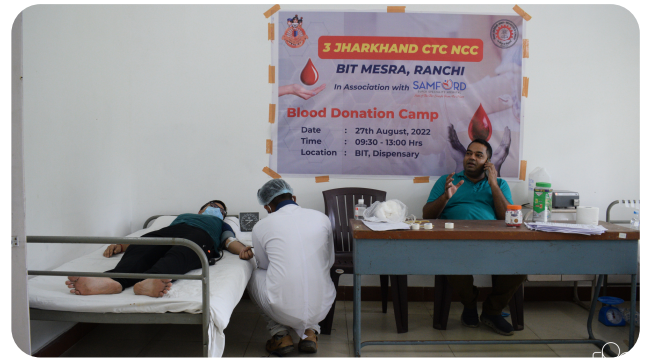
Programmes	Students available for		Campuses					
	Placement	Internship/ Project	Mesra	Patna	Deoghar	Jaipur	Noida	Lalpur
Bio-Informatics	✓		✓					
Geo-Informatics	✓		✓					
Applied Physics	✓		✓					
Applied Chemistry	✓		✓					
Applied Mathematics	✓		✓					
Bachelor of Architecture (B. Arch. – 5 years)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



# 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.



## Technical Clubs

### Association of Computer Machinery (ACM)

ACM BIT Mesra Students Chapter is an extension of ACM, an international scientific and educational organization dedicated to advancing the art, science, engineering, and application of information technology. Our chapter aims at enhancing the computing skills of students on the campus by organizing various events, workshops, and competitions.



# Beyond Academics

## Achievements

Our students have made their presence in international competitions such as:

- ACM International Collegiate Programming Contest (ACM-ICPC): An annual competitive programming competition among universities of the world sponsored by IBM.
- Google Summer of Code (GSOC): An international annual program in which Google awards stipend to students who complete a free and open source software coding project during summers.
- Winter of Security: A program organized by Mozilla's Security team to involve students with Security projects.

## Society of Automotive Engineers

Society of Automotive Engineers, BIT Mesra is a club comprising of the brightest minds in the college devoted in the field of Automobile Research. The club has three sub-teams that participate in different competitions:

### 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.



# Beyond Academics

## 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 manufactures 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. The team builds an electric powered All Terrain Vehicle and competes with other teams from across the country.





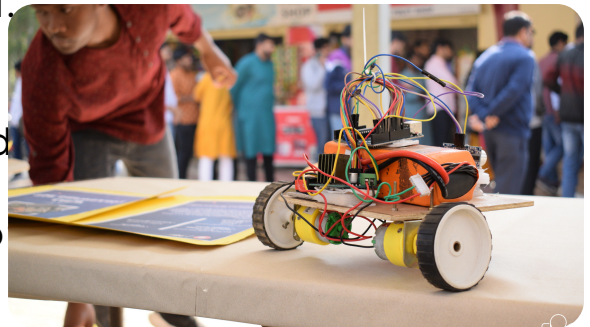
# Beyond Academics

## Robolution

Robolution is the official robotics team of Birla Institute of Technology, Mesra. It is a group of ingenious students from different branches, with a common purpose of “Dexterous Robotics”. The team participates in various robotics competitions and events, such as:

### Team Pratyumnis

Team Pratyumnis is the official ABU Robocon participating team of BIT Mesra. ABU Robocon is the largest robotics competition in Asia Pacific, where teams from different countries design and build robots to perform a specific task. Team Pratyumnis has achieved the best rank of 9th (out of 90) in ABU Robocon.



## Entrepreneurship Development Cell (EDC)

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



# Beyond Academics

## 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.

## Literary Society

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



## Photographic Society (PSOC)

PSOC, founded in 1964, is a long-standing college club at BIT. It promotes photography and video making among students through workshops, photo walks, contests, and exhibitions. Follow @psoc.bitm on Instagram for the best shots and videos by club members.



## Sports Mentorship & Adventure Club

It was formed with the objective to magnify the existing magnanimous scenario of sports & adventure in our Institute.





# Beyond Academics

## Music & Dance Club

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

## BIOTS (Society of Biotechnologists)

It's a technical club which focuses on the integration of the field of life sciences with the concept of Machine learning and AI, to satisfy the technological integration and achieve great heights.



# 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

# Our Recruiters



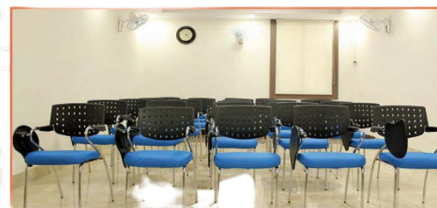
# Our Recruiters

## TnP Facilities



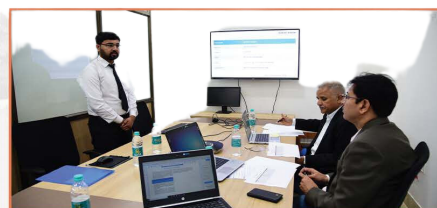
Equipped Conference Rooms



Equipped Seminar Rooms



Conference Facilities



Office Facilities



# Placement Process



## PLACEMENT SEASON BEGINS

Formal Invitations were sent to the organizations from TnP Division for participation in the placement process.



## COMPANY'S RESPONSE

Company revert to the Institute with filled JAF (Job Application Form).



## PUBLICATION OF JOB

Based on the JAF filled by Companies eligibility criteria, job description, pays & perks, etc. are displayed on the T&P portal.



## STUDENT REGISTRATION

Interested and eligible students register themselves for particular job.



## SLOT ALLOCATION

Dates are blocked for company visit and list of interested and eligible candidates along with their resume are shared with the company



## PPT/TESTS /GD/INTERVIEWS

Companies give their presentation and conduct tests, GD, interviews. etc



## FINAL SHORTLISTING/ FEEDBACK

Company shares the name of the final shortlisted candidates with the Institute.  
Company shares their feedback with the Institute.



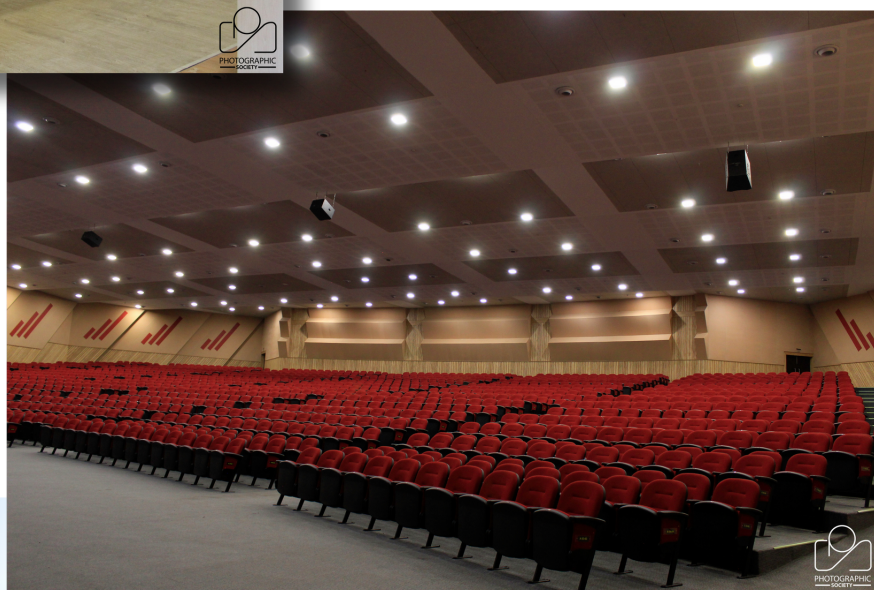
## OFFER LETTER

It is expected by the company that the offer letters of shortlisted candidates shall be rolled out before session end.

# 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





# Ranking 2023



**INDIA TODAY**  
(PRIVATE ENGINEERING  
COLLEGE)



**THE WEEK**  
(PRIVATE ENGINEERING  
COLLEGE)



**OUTLOOK**  
(PRIVATE ENGINEERING  
COLLEGE)



**OUTLOOK**  
(PRIVATE ARCHITECTURE  
COLLEGE)

# NIRF 2023



**UNIVERSITY**



**ENGINEERING**



**PHARMACY**



**ARCHITECTURE**



# TRAINING & PLACEMENT DIVISION

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