

INFORMATION BROCHURE

for

B.Tech. Program (2nd Year)

at

Birla Institute of Technology, Deoghar Campus

through lateral entry

for the Academic Session 2020-21



BIRLA INSTITUTE OF TECHNOLOGY

(Deemed to be University u/s 3 of UGC Act 1956)

MESRA, RANCHI - 835215 (INDIA)

Website: www.bitmesra.ac.in

IMPORTANT DATES

Filling of online form commences from	17 th July 2020
Last date for Applying Online	5 th August 2020
Declaration of 1 st Provisional Selection List on the Institute website	By 6:00 pm On 7 th August 2020
Admission from 8 th August 2020 onwards	
Exact date for commencement of regular classes will be notified at a later stage	

CONTACT DETAILS:

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HOW TO APPLY:

1. To fill online application form, click on the link “**CLICK HERE TO APPLY ONLINE**” to register for the programme and create password for the application process. Do not share the password with anybody. [Please see instructions for filling online application form.](#)
2. Eligible candidates must complete and submit the application form online only [link available on the Institute website www.bitmesra.ac.in]. Pay application fee of Rs.1,500/- (General / OBC candidates) and Rs.1,000/- (SC/ST candidates) through ICICI payment Gateway (candidates may use Net banking / Debit card / Credit card of any nationalized bank) till the last date of application process. **Fee once remitted shall not be refunded under any circumstances.**

IMPORTANT INSTRUCTIONS:

- Candidates should proceed to fill the Online Application Form only after they satisfy themselves that they fulfill all the eligibility criteria.
- **Candidates will have option to choose multiple program from the dropdown list.**

MINIMUM ELIGIBILITY CRITERIA:

- Passed Diploma examination (3-year duration) with at least 60% marks (55% for SC / ST / PwD) in respective/equivalent branch of Engineering and Technology. Respective / equivalent branches are given below.

OR

- Passed B.Sc. Degree from a recognized University as defined by UGC, with at least 60% marks (55% for SC / ST / PwD) and passed 10+2 examination with Mathematics and Physics as a subject with overall first division. Provided that the students belonging to B.Sc. Stream, shall clear the subjects Engineering Graphics/ Engineering Drawing and Engineering Mechanics (or equivalent subject offered by the University) of the First Year Engineering Programme along with the Second-year subjects.

a) Applicants with B.Sc. Degree will be considered for admission only after applicants with diploma have been considered and subject to the availability of seats.

b) Year of passing Diploma/B.Sc. should be current year or previous year. **Appearing candidates may also apply for the program, provided their result is declared by 31st October 2020. In this case, their marks will be considered upto pre-final semester / year.**

Note:

- Only those candidates whose date of birth falls on or after 1 October 1994 in case of General category and 1 October 1989 in case of SC/ST/PwD are eligible for admission. Date of birth as recorded in the Secondary Education Board Class X (High School) certificate only will be considered as authentic.
- At any level of the studies [Class X or Class XII], a candidate / applicant must have passed all the required subjects at that level from the same Board.

RESPECTIVE / EQUIVALENT BRANCHES:

Applicants with following Diploma may apply for the program under above scheme.

EEE	Diploma in Electrical Engineering, Diploma in Electronics and Communication Engineering, Diploma in Electrical and Electronics, Diploma in Instrumentation and Control Engineering, Diploma in Instrumentation Technology, Diploma in Electronics and Telecommunication Engineering, Diploma in Electronics (Microprocessor), Diploma in Medical Electronics, Diploma in Electrical Power System, Diploma in Electrical Engineering (Industrial Control), Diploma in Computer Science, Diploma in Electronics and Instrumentation Engineering, and its allied/complementary trades.
MEC	Diploma in Metallurgical, Diploma in Mechanical, Diploma in Mining Engineering, Diploma in Mechanical Engineering (Tool and Die), Diploma in Mechanical Engineering (Refrigeration and Air Conditioning), Diploma in Tool and Die Making, Diploma in Automobile, Diploma in Manufacturing, Diploma in Drilling and Technology, Diploma in Production and Industrial Engineering, Diploma in Printing Technology, and its allied/complementary trades.
PRO	Diploma in Metallurgical, Diploma in Mechanical, Diploma in Mining Engineering, Diploma in Mechanical Engineering (Tool and Die), Diploma in Mechanical Engineering (Refrigeration and Air Conditioning), Diploma in Tool and Die Making, Diploma in Automobile, Diploma in Manufacturing, Diploma in Drilling and Technology, Diploma in Production and Industrial Engineering, Diploma in Printing Technology, and its allied/complementary trades.
ECE	Diploma in Electrical Engineering, Diploma in Electronics and Communication Engineering, Diploma in Electrical and Electronics, Diploma in Instrumentation and Control Engineering, Diploma in Instrumentation Technology, Diploma in Electronics and Telecommunication Engineering, Diploma in Electronics (Microprocessor), Diploma in Medical Electronics, Diploma in Electrical Power System, Diploma in Electrical Engineering (Industrial Control), Diploma in Computer Science, Diploma in Electronics and Instrumentation Engineering, and its allied/complementary trades.
CSE	Diploma in Computer science, Diploma in Information Technology, Diploma in Computer Science and Engineering, Diploma in Computer Engineering, Diploma in Computer Software Technology, and its allied/complementary trades.

SELECTION PROCEDURES:

Provisional admission will be based on marks obtained by the applicant in Diploma /B.Sc. degree and meet other conditions as mentioned under eligibility criteria.

Applicants with B.Sc. Degree will be considered for admission only after applicants with diploma have been considered and subject to the availability of seats.

DOCUMENTS TO BE PRODUCED DURING PHYSICAL VERIFICATION OF DOCUMENTS:

Candidates must bring original of the following documents at the time of reporting for physical verification of documents along with one set of photocopies of the same:

1. Pass certificate of Class 10 (bearing date of birth)
2. Marksheet of Class 10
3. Marksheets of Diploma / B.Sc. Degree
4. College Leaving Certificate
5. Migration Certificate
6. **All candidates belonging to the SC, ST and BC categories must note and obtain caste certificates which should be in proper format and should be signed by appropriate authority of rank not less than SDO. (Note: Final reservation proportion will depend on notification, if any, issued by competent authority and as accepted by the Institute).**
7. Candidates belonging to Persons with Disability [PwD] category must send photocopy of relevant certificate(s) in proper format **signed by appropriate authority.**
8. Photo identification: (Driving license, Passport, PAN Card, Voter ID, Aadhaar Card, School / College ID, are acceptable)

NUMBER OF SEATS AVAILABLE

Pool-wise, Branch-wise and category-wise details are given below:

Pool	Branch	General	Gen-PwD	SC	SC-PwD	ST	ST-PwD	BC-I	BC-II
All India	CSE	2	-	3	1	0	1	-	-
	ECE	2	1	5	1	1	1	-	-
	EEE	11	-	6	-	2	-	-	-
	MEC	17	-	5	-	1	-	-	-
	PRO	13	-	2	-	1	-	-	-
Total		45	1	21	2	5	2	-	-
Home State (Jharkhand)	CSE	2	-	1	1	7	1	0	0
	ECE	2	1	2	1	8	1	2	0
	EEE	16	-	3	-	9	-	3	2
	MEC	13	-	3	-	9	-	3	1
	PRO	8	-	2	-	5	-	1	1
Total		41	1	11	2	38	2	9	4
G. Total		86	2	32	4	43	4	9	4

RESERVATIONS:

1. For all programs at the Institute which are supported by any of the respective State Governments, the reservation criteria for the state quota are as per the norms of the respective State Government.
2. For all other programmes the reservation criteria for SC & ST are as per the statutory norms of Central Govt. (SC -15% & ST - 7.5%)
3. The Institute observes statutory reservation for Persons with Disability (5%).
4. 50% of the total seats are reserved for candidates who have passed / are appearing for their qualifying examination (Diploma / B.Sc. Degree) from the state in which Campus is located. (The “State of Eligibility” of a candidate for the purpose will be determined based on location of his/her College where (s)/he has passed/is appearing for the qualifying examination).

[In case sufficient numbers of suitable candidates from any group are not available, the Institute reserves the right to fill the seats from the other group].

However, the final reservation proportion will depend on notification, if any, issued by competent authority and as accepted by the Institute.

FEE STRUCTURE:

Fee payable at the time of admission and in each subsequent semester

Particulars	3rd Sem	4th Sem	5th Sem	6th Sem	7th Sem	8th Sem
Tuition Fee	109000	109000	120000	120000	132000	132000
Development Fee	7500	7500	8000	8000	8500	8500
Institute Exam Fee	6000	6000	6500	6500	7000	7000
Sub-Total (A):	122500	122500	134500	134500	147500	147500
Hostel Seat Rent and Electricity etc.	14000	14000	15000	15000	16000	16000
Sub-Total (B):	14000	14000	15000	15000	16000	16000
Additional amount to be paid at the time of admission						
Admission Fee (One time only)	15000	-	-	-	-	-
Caution Money (One time only Refundable)	10000	-	-	-	-	-
Sub-Total (C):	25000					
GRAND TOTAL (A+B+C)	161500	136500	149500	149500	163500	163500

Other Notes:

1. Hostel mess charges may range from approximately Rs.2,500/- to Rs.3,000/- per month.
2. In addition to the above, students will also be required to deposit Hostel Caution Money* (One Time only - Refundable) of Rs.5,000/- and suitable mess advance at the beginning of each semester, which will be adjusted against their mess charges / expenditure. This mess advance will be Rs. 18,000/-. [Rs. 23,000/-].
3. All payments must be made online using ICICI Payment Gateway through debit / credit card and net banking of any nationalized bank.
4. Students will be expected to provide themselves with stationery and textbooks, etc, as prescribed for different subjects.
5. The Institute reserves the right to revise the fees and other charges at any stage.
6. For rules regarding refund of fees on withdrawal, please see separate Notice on Notice Boards.

ABOUT THE INSTITUTE

The Off-Campus Deoghar was established in the year 2007, as a joint venture of the Govt. of Jharkhand and BIT Mesra. It is located in the holy city of Deoghar, Jharkhand. It is a premier educational institute offering undergraduate courses in various engineering streams. It is controlled administratively and academically by Birla Institute of Technology, Mesra at Ranchi. Students are offered the same high-quality educational opportunities and student services as offered at the main campus.

Programs Offered	Seats
Four years Bachelor of Technology (B.Tech.) in	
Computer Science and Engineering	90
Electronics and Communication Engineering	60
Electrical & Electronics Engineering	60
Mechanical Engineering	60
Production Engineering	30
Three years degree programme in	
Bachelor of Business Administration (BBA)	40
Bachelor of Computer Application (BCA)	40



System of Education

Choice Based Credit System (CBCS): A learning platform where in the student has the flexibility to choose his/her course.

Infrastructure

The campus is completely residential having three hostels: two for boys and one for girls with sufficient rooms to accommodate the students. The class rooms are spacious and well lit. The Institute has a voluminous library, with large reading room, catering to the academic needs of the students. The departmental laboratories have latest machines and state-of-art equipments. Some of the major labs are: Simulation & CAD Lab, Language Lab, Strength of Materials Lab, Production Lab, Computer Lab, VLSI Lab, Power System Lab, IC Engine Lab, Control Systems Lab. The major softwares in various departments are: MATLAB, Cadence, Pro-E, ANSYS, LabVIEW, ETAP, PSIM, Power World Simulator. Other than laboratories, there is one Board Room for meetings and Seminar Hall for presentations and/or lectures.



Facilities

The institute provides facilities, within the campus, to meet the daily essentials of students. Some of the in-campus facilities are: ATM, Stationary & Grocery Shop, Canteen, Multi Gym. The institute has a Health Center, having certified doctors and assistants to take care of any health issue of students. There are Badminton, Basketball and Volleyball courts surrounding a large playground.

Clubs & Societies

The institute encourages the complete personality development of its students. There are various clubs and societies to hone their interpersonal and artistic skills. Some of the clubs/societies are: **Music Club, Dance Club, Abhivyakti-The Drama Club, Photographic Society, Robotic Society, Literary Society, Automotive Society, and IEEE Student's Chapter.** The institute organizes its three-day annual techno-cultural fest "UTTHAAN" every year in the month of March and one day cultural function "AGAAZ" in the month of November. Students participate in various events during these events, to showcase and improve their skills.

The students of Automotive Society participated in the national BAJA-SAE automobile design competition twice and won accolades for the institute. The Photographic Society organizes, each year, a training workshop in



association with Nikon. The **IEEE Student's Chapter** is one of the most positive elements of the curriculum, offering programs, activities, and professional networking opportunities that build critical skills outside of the classroom.

The Entrepreneurship Development Cell, BIT Deoghar is one of the most active entrepreneurship cells in Jharkhand. It continuously strives towards motivating the students, giving shape their ideas for initiating start ups. *Vamika and Pragma*, 2015 batch secured the 1st position in Women Entrepreneur category



and Aman Sharma Razdan, 2015 batch and Vedant Tibrewal 2016 batch, secured 2nd position in the Technical Innovation category of the Start-Up India Jharkhand Yatra 2018. Mr Chandan Kumar Verma, 2014 batch alumnus of BIT Deoghar and founder of Green Factory Pvt. Ltd, received the 1st prize in the District Entrepreneur Award 2019 at the 6th Bihar Entrepreneur Summit 2019. The EDC BIT Deoghar organizes workshops and invited talks by eminent entrepreneurs for the students to learn from their experiences. *The Dump*, a start-up initiated by Vamika & Pragma, is now registered by the State Evaluation Board, of the Department of Information Technology and e-Gov, Govt. of Jharkhand.

BIT Deoghar has established state-of-the-art Atal Bihari Vajpayee Innovation Lab, one among the prestigious four technical institutes of the state, recognized by the Govt of Jharkhand.



Training & Placement Cell

The BIT Mesra Deoghar Campus has its own T&P Cell that works independently plus in parallel with its main campus BIT Mesra Placement Cell for ensuring successful career pathways of its full bright and diligent pool of students.

The students of BIT Mesra Deoghar campus have the opportunity to participate in recruitment drive of its own campus as well as main & other campuses. These multiple job securing opportunities for our BIT Mesra Deoghar students in turn increases their job earning probability in early part of the placement session.

Placement Record for the final year students (Batch 2016-20):

- Various reputed multinational companies, research institutes; start-ups have visited our campuses and had offered placement opportunities for our BIT Mesra Deoghar Campus students (Batch 2016-20).
- The **highest package** has been 14LPA and 10 LPA during the sessions 2019-20 and 2018-19, respectively.
- The **average package** has been 5.02 LPA and 5.22 LPA during the sessions 2019-20 and 2018-19, respectively.
- Till date **80%** Bachelor of Engineering (B.E) eligible students from Batch 2016-20 (CSE, ECE, EEE & ME) have secured their jobs from campus placement drives.
- Furthermore, 23% eligible students have secured double job offers from the campus placement drives.

All eligible students can attend any number of placement processes until or unless he/she secures his/her first job offer. Once placed, students are allowed further for core area companies or dream offers.

Some of our Recruiters:



The T&P Cell strives to give fruitful guidance to all of these differently aspired students in the following ways:

- For the students, those who aspire to travel in foreign countries for higher studies, we have signed MOUs with various foreign universities for starting student exchange programmes for them. This initiative will provide our students with wide exposure for advanced research and development. Our students are also supported with GMAT, GRE, TOEFL & IELTS, etc, crackdown preparations.
- To cater the need of public sector job aspirant students, we have co-partnered with multiple agencies for various competitive exam preparations such as IAS, GATE & CAT, etc,. Furthermore, we have co-ventured with various entities for training and developing the aptitude, technical, presentation and communication skills of our students.
- For Corporate sector job aspired students, we are focussed over strengthening their corporate environment training through a variety of industrial modules. Various online/offline platforms are made available to them for enhancing their communications skills and soft skills. Industrial experts are invited for their fruitful guidance for the same. Many industrial technical persons are invited to give lectures and execute various workshops from their industrial point of view. Special discussions and assistances are also extended towards low scoring section of students.
- We have a team of experts those who prepare questions and answers for scheduling mock interview and tests of our students. After each mock assessment test, students can discuss their difficulties and find particular solutions of it. The provisions for self-assessment tests are also available at our designated labs.
- Furthermore, to engage more and more companies for our campus recruitment processes, we have dedicated team members, who often meet various companies HR officials and technical members for inviting them to our campus placement platform. Hackathons are organised in collaborations with our industrial partners so that they can recognize and hire our intelligent students.

Summer & Winter Training with Internship opportunities:

- The T&P Cell always strives to motivate our students especially pre-final/final year students for availing internships of summer and winter sessions. Internship based training experience add up to their resumes and provides an added advantage for grabbing various industrial job offers. We have signed MoUs with Itepic, Morling Global, BizAugmentor and Smartbrains.
- Our institute has registered with various popular Internship plus Job portals such as Internshala, HireMee, D4Eclub, etc, for providing wider scope to our students. Our students had undergone hands on training in various reputed institutes such as CSIR labs, BARC, DRDO, IITs, NITs, & IIMs. Industrial visits are also introduced to boost up exposure levels of our students with current industrial problems and prospective solutions for it in the contemporary world.

DISCIPLINE, RULES & REGULATIONS, HOSTEL AND MEDICAL EXAMINATION

Institute Rules & Regulations: For details of Institute rules and regulations, please see booklet provided at the time of admission.

Discipline

The Institute places a very high emphasis on discipline of students both inside and outside the campus. Students must abide by the Institute and Hostel rules and agree to confirm to the rules and regulations enforced from time to time. They must not do anything either inside or outside the Institute that will interfere with its orderly governance, discipline and image. Students must attend lectures, tutorials and practical classes regularly. A minimum attendance of 75% in lectures, tutorials and sessionals for each subject is essential for appearing in the Semester Examinations. Thus, students should attend all theory and laboratory classes from the first day of the academic year. In case of absence due to unavoidable circumstances, students are advised to take prior permission from the Dean / Head. In case of absence due to illness, students will have to produce a Medical Certificate with an application from their parents or guardians. In such a case, parents/guardians or Hostel Warden should inform the authorities immediately. Students should strike a proper balance between extracurricular activities and academic requirements. A student's participation in extra-curricular activities should not be allowed to interfere in his/her academic schedule.

During teaching hours, the main lobby, the library, the corridors of the Institute and the area surrounding the Institute are to be observed as silence zones. Students must not cause any disturbance in these zones. Students must not indulge in any kind of misconduct or indiscipline or anti-social activities within or outside the campus. Students must not form a group causing any hindrance to the academic and administrative activities of the College. Those found doing so will be punished and strict disciplinary action will be taken by the authorities. Students shall not damage the property of the Institute. Cost of such damage will be recovered from students, parents/guardians of the students.

Students must always carry their Identity Card and produce it on request. In case of loss or damage of Identity Card, the concerned authorities should be informed immediately.

Students are not permitted to enter and use the laboratory / workshop / sports ground if they do not wear appropriate dress. For example, they should enter the laboratory only with apron, cap or mask as instructed. Students should park their cycles in an orderly manner at the cycle stands. Students should follow the rules of the Hostel Mess / Canteen. Students are advised to read the Notice Boards regularly.

Students are strictly prohibited from possessing or consuming spirits, tobacco products and narcotic drugs either within or outside the campus, and if found violating this will be rusticated immediately, without warning.

Ragging in any form inside or outside the campus is strictly prohibited by law. Any students found ragging other students will be summarily expelled from the Institute and dealt with as per the directive of Hon. Supreme Court/Hon. High Court.

Each student must read the "UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009" on the UGC website. Each student admitted to any of the Institute's programmes must submit the two completed affidavits [one from candidate and one from parents] at the time of admission. [given in the last page of this Brochure].

Hostel

Limited hostel facilities are available for Boys and Girls. All students admitted at these Campuses are required to reside in one of the Institute hostels, to which they are allotted and must take food along with other inmates of the hostel in the common mess. There are separate hostels for girls students.

Medical

All selected students will be required to undergo medical examination by a Medical Officer of the Institute and their admission is subject to being found medically fit for the Programme. Therefore, candidates, for their own satisfaction, are advised to get themselves examined by a registered medical practitioner.

Applicability of Regulations for the time being in force, Disclaimer and Legal Jurisdiction:

In Force

Notwithstanding the nature of a programme spread over more than one academic year, the regulations in force at the time a student joins a programme shall hold good only for the examinations held during or at the end of the semester. Nothing in these regulations shall be deemed to debar the Institute from amending the regulations subsequently and the amended regulations, if any, shall apply to all students old or new, as specified therein.

Disclaimer

The statements made in this Information Brochure and all other information, contained herein are believed to be correct at the time of publication. However, the Institute reserves the right to make at any or without notice, changes in and additions to the regulations, conditions governing the conduct of students, requirements for degree, fees and any other information, or statements contained in this Information Brochure. No responsibility will be accepted by the Institute for hardship or expense encountered by its students or any other person for such changes, additions, omissions or errors, no matter how they are caused.

Legal Jurisdiction

All disputes will be subject to jurisdiction of the Civil Courts at Ranchi city only.

ANTI-RAGGING AFFIDAVIT

How can fill Online affidavits and Why?

1. It is mandatory for every student and his/her parents to submit an anti-ragging affidavit at the time of admission. These are UGC's regulations.
2. It is the order of the Hon. Supreme Court that contact details of students must be collected from these affidavits and stored electronically at a central location.

It is a simple procedure comprising 3 steps

Step 1: Log on to

www.ANTIRAGGING.in

or

www.AMANMOVEMENT.org

Click on the button called 'Online affidavits'

Step 2: Fill in the information as desired and submit the form.

Step 3: On successful completion, you will receive affidavits, both for Students and Parents, through E-mail.

Note:

- **If you do not have an E-mail address, please create one before you fill an affidavit forms.**
- If your mother or father or guardian does not have a phone, or a mobile phone or email then please give the numbers / email of their friends or relations or neighbors.
- If you do not have a mobile number, then please give the mobile number of your friend in the Institute.

After filling this form successfully, you will receive the Student's Anti Ragging Affidavit and the Parents Anti Ragging Affidavit in your Email. Please print both the Affidavits, sign them yourself, request your parents to read the details and request them to sign their affidavit and then submit both during admission.