

INFORMATION BROCHURE

for

Admission to

4-Year (8-Semester) Full-Time
Bachelor of Technology (B.Tech.)
Programme 2018-2022

at

Birla Institute of Technology
Deoghar, Jaipur and Patna Off Campuses



BIRLA INSTITUTE OF TECHNOLOGY

(Deemed University under section 3 of UGC Act 1956)

Mesra, Ranchi - 835215

Jharkhand, India

Website: www.bitmesra.ac.in

Addresses and Contact Details

Campus	Addresses and contact details
Mesra	Dean Admissions & Academic Coordination Birla Institute of Technology Mesra, Ranchi - 835215 Phone: PBX: 0651-2275444 / 896, Extn 4469, & 2275868 (Direct) Fax: 0651- 2276007, 2275401 e-mail: admissions@bitmesra.ac.in
Deoghar	Director, Birla Institute of Technology Campus P.O. Jasidih Dist. Deoghar - 814142 Jharkhand For admission related queries, please contact to: Prof. Pankaj Mishra Mob. No.: 7463881140 Mr. Manoj Kumar Giri Mob. No.: 7463881103 Phone: 06432-292565 Telefax: 06432-292565 e-mail: bitdeoghar@bitmesra.ac.in , infobitdeoghar@bitmesra.ac.in
Jaipur	Director, Birla Institute of Technology Campus 27, Malviya Industrial Area, Jaipur 302018 Phone: 0141 – 4019819 / 4019798, Fax: 0141-2751601 e-mail: bitjaipur@bitmesra.ac.in
Patna	Director, Birla Institute of Technology Campus Near Patna Airport, P.O. Bihar Veterinary College, Patna - 800014 Phone: 0612- 2223545, 3200853, Fax: 2227050 e-mail: bitpatna@bitmesra.ac.in

Please see our website for addresses and contact details of our other Off Campuses

Note: Choice Based Credit System (CBCS) will be introduced from the Academic Session 2018-19.

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IMPORTANT DATES:

Filling of online form commences from	7 May 2018
Filling of online form closes at 7:00 pm on	31 May 2018
Display of Campus-wise Merit List	1 June 2018
Declaration of Campus-wise First list	2 June 2018
Reporting for admission & documents verification against 1 st list at the Campus of selection only	2-5 June 2018
Declaration of Campus-wise Second list	6 June 2018
Reporting for admission & documents verification against 2 nd list at the Campus of selection only	6-9 June 2018
Declaration of Campus-wise Third list	10 June 2018
Reporting for admission & documents verification against 3 rd list at the Campus of selection only	10-13 June 2018
Declaration of Campus-wise Fourth list	14 June 2018
Reporting for admission & documents verification against 4 th list at the Campus of selection only	14-17 June 2018
Internal Sliding [based on fresh choices / preferences submitted by the candidates during admission]	18 June 2018
Notification for Spot admission against vacant seats (if any)	22 June 2018
Classes will commence from 3rd / 4th week of July 2018 at all Campuses [Exact date will be announced at later stage]	

Note:

- All the dates mentioned above are tentative, and liable to be changed. Hence, please check our website periodically.
- Candidates are advised to retain the application with you, as the same will be required to produce at the time of reporting for Documents verification cum Admission.

Sec 1: Eligibility Criteria and How to Apply

This Information Brochure covers admissions to the 4-year [8-semester] B.Tech. programme offered by the Birla Institute of Technology at Deoghar, Jaipur and Patna Campuses. The above programme will commence in July 2018.

Eligibility Criteria:

- 1) Only those candidates whose date of birth falls on or after 1 October 1993 are eligible for admission. However, in the case of Scheduled Caste (SC), Scheduled Tribe (ST) and Persons with Disability (PwD) candidates, upper age limit is relaxed by 5 years, i.e. SC, ST and Persons with Disability (PwD) candidates who were born on or after 1 October 1988 are eligible for admission. **Date of Birth as recorded in the Secondary Education Board (Class X, High School) certificate only will be taken as authentic.**
- 2) Candidate must have passed in the final examination of 10+2 (Class XII), or its equivalent, referred to as the qualifying examination.
- 3) Subject combinations required in the qualifying examination for admission to B.Tech. programme shall be as under:

Required Criteria based on Class 12 th / Equivalent Qualifying Examination

1. Language, 2-Physics, 3-Mathematics, 4- Any one of (Chemistry / Biology / Biotechnology / Technical Vocational subject), 5- Any other Subject

[Physics and Mathematics are as compulsory and one of the Chemistry / Biotechnology / Biology / Technical Vocational subject.]
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With at least 45% marks and 40% in case of SC/ST/PwD candidates in the above subjects taken together.
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- 4) **The candidate must have appeared in JEE (Main) 2018 and should have secured a valid AIR (CRL Rank) in JEE (Main) 2018.**
- 5) **BC-I / BC-II of Jharkhand State for admission at BIT Deoghar Campus:** The candidates must have passed their qualifying exam from the State of Jharkhand and should be BC-I / BC-II of Jharkhand State only. A certificate should have been issued on or after 1st April 2017.
- 6) **BC-I / BC-II of Bihar State for admission at BIT Patna Campus:** The candidates must have passed their qualifying exam from the State of Bihar and should be BC-I / BC-II/ BC Girls of Bihar State only. A certificate should have been issued on or after 1st April 2017.

Notes:

- Candidates with foreign diplomas should see the EdCIL website for equivalence (<http://www.edcil.co.in>), and if required should obtain an equivalence certificate from the evaluation division of the AIU (website <http://www.aiuweb.org>).
- In case any Board awards grades instead of marks, the calculation of equivalent percentage of marks would be multiplied GPA/CGPA by 10 or based on the procedure prescribed by the Board.
- Candidate must have adequate proficiency in written & spoken English to cope up with the programme as all instructions and examinations will be in English only.
- 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.

How to Apply:

1. To start online application, click on the link, create 'username' and 'password' by clicking on "New users register here" when prompted. Do not share the username and password with anybody else.
2. To apply for the B.Tech. programme, eligible candidates must complete and submit the application form online only. [The link is available on Institute website www.bitmesra.ac.in]. Pay application fee of Rs.1,000/- (General / OBC candidates) or Rs.750/- (SC/ST candidates) through State Bank Collect - net banking or credit card of any nationalized bank in favour of "Birla Institute of Technology" within the given time period. [Fee once remitted shall not be refunded under any circumstances].
- 3. Please use separate application form for each campus with available branches in order of preference (either at BIT Deoghar or BIT Jaipur or BIT Patna) and in case applying for more than one Campus, pay additional application fee, as applicable.**
4. The choices of branch must be filled-in carefully in prudential order since choices, once filled-in, cannot be modified after submission of application form throughout the counselling process.
5. Candidates are advised to refer our Institute website for status of their application and other details by using their 'username' and 'password', as created at the time of filling the online application form.

Notes:

- Candidates should proceed to fill the Online Application Form only after they satisfy themselves that they fulfill all the eligibility criteria.
- For queries about any Campus, please contact Director of respective Campus. [Please refer directory on the Institute website for contact details of Mesra and its other Off Campuses].

Sec 2: List of documents to carry at the time of reporting for admission cum document verification

[This page may be printed for your own convenience and easy reference]

1. A print-out of electronically generated online application form.
2. One recent colour photograph - [same as uploaded on the form]
3. **Proof / receipt of application fee of Rs.1,000/- (General/BC) and Rs.750/- (SC/ST) candidates (non-refundable).**
4. Candidates would be required to have the following original certificates and documents at the time of reporting for admission cum document verification, as well as one set of photocopies of all these documents.
 - a) Pass certificate of Class 10
 - b) Marksheet of Class 10
 - c) Marksheet of Class 12 / Intermediate or equivalent
 - d) Admit Card of JEE (MAIN) 2018
 - e) Score Card of JEE (MAIN) 2018
 - f) School / College Leaving Certificate
 - g) Migration Certificate
 - h) **Caste certificate (if applicable), which should be in proper format and signed by appropriate authority of rank not less than SDO.**
 - i) Candidates belonging to other special category [Person with Disability / Kashmiri Migrant] must provide the certificate in proper format from appropriate authority.
 - j) Photo identification: (Driving license, Passport, PAN Card, Aadhaar Card / Voter ID, School / College ID are acceptable)
 - k) **Requisite initial fee of Rs. 1,37,500/- for admission at BIT Deoghar and Patna Campuses and Rs.1,24,500*/- for admission at BIT Jaipur Campus in the form of Demand Draft (You may also pay the same initial fee through SB Collect for which details given on the Institute website www.bitmesra.ac.in)**

Without original of above documents / certificates, no candidates will be permitted to appear in the documents verification process.

If provisionally admitted, all the above documents in original (except the original Photo ID) together with photocopies will be retained by the Institute for some time.

Sec 3: Selection Procedure for B.Tech. programme 2018

Selection Procedure:

Provisional selections to B.Tech. programme will be made on merit:

- a). **Based on AIR (CRL Rank) obtained by the candidates in JEE (MAIN) 2018 conducted by CBSE, New Delhi.** However, candidates must meet the age criteria and other minimum academic requirements [see eligibility criteria in section 1].
- b). Based on various reservation criteria of State and Central Government [see section 06 for distribution of seats at each Campus].

Sec 4: Seat Allotment and reporting to allotted Campus

- The preferences of branch (choices) submitted by the candidates will be processed centrally and seats will be allotted in the order of merit as per AIR (CRL Rank) obtained by the candidates in JEE-MAIN 2018, based on the preferences of branch submitted. The seat allotment result will be available only on the Institute website www.bitmesra.ac.in. **Individual allotment letters will not be sent to the candidates.** However, candidates may take a printout of the allotment details from the Institute website, before reporting at the Campus for admission cum verification of documents/certificates.

Reporting procedures:

- Candidates who are allotted a seat (i.e., offered admission) will be required to report at the Campus of selection during the given period of time, get the documents verified and pay the admission fee of **Rs. 1,37,500/-** for admission at BIT Deoghar and Patna Campuses and **Rs. 1,24,500/-** for admission at BIT Jaipur Campus to register their acceptance of the offer of seat and exercise upgrade Options (within the campus) as applicable, if required. They will also be issued a fee receipt.
- **If a candidate does not report for admission during the given period of time, his/her seat allotment shall stand cancelled. Also, he/she will not be considered for further rounds of seat allotment / up-gradation within the Campus (if any).**
- Seat allotment will be done in four rounds. In the **1st round**, all the seats will be allotted to the candidates and the result indicating the Campus and the branch allotted will be available on the Institute website. **Candidates, who get their seat allotment will be required to report at allotted Campus only during given period of time.**
- In the **2nd, 3rd and 4th** rounds, seats will be allotted against the available vacancies in the respective rounds, and the results will be available on the Institute website. In the **2nd, 3rd and 4th** rounds, no fresh preference of branch and Campus will be permitted.

Candidates, whose branches have been upgraded (within the Campus) in the 2nd, 3rd and 4th rounds:

- **Candidates, whose branches have been up-graded within the Campus in the 2nd, 3rd and 4th rounds need not to report physically again at the Campus, will be required to login on the Institute website for their response [mandatory]. If a candidate does not respond within the stipulated time after his/her branch upgradation (within the campus), it will be presumed that candidate is fully satisfied with the upgraded branch and do not want to participate in the further rounds (if any).**

Documents verification:

- Candidates will be required to produce all the relevant certificates / documents in original along with a printout of online application form when they report for verification.
- Proof of payment of application fee of Rs. 1,000/- (for General/BC) candidates) / Rs.750/- (for SC/ST candidates) paid through **State Bank Collect** is to be produced at the time of reporting.
- Candidates will be required to deposit the admission fee by crossed Demand Draft of Rs. 1,37,500/- for admission at BIT Deoghar & Patna Campuses and Rs.1,24,500/- for admission at BIT Jaipur Campus in favour of **Birla Institute of Technology**, payable at that city where Campus is located [Campus where the student is reporting].
- In addition of the above, candidates who get an allotment at BIT Patna and BIT Deoghar Campuses 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. For the session July 2018, this mess advance will be Rs. 15,000/- (10,000/- for Girls at BIT Patna Campus only). All fees must be paid by crossed Demand Draft in favour of **“Birla Institute of Technology”** payable at Deoghar (for admission at Deoghar) and payable at Patna (for admission at BIT Patna).
- A fee receipt will be issued to the candidates at the reporting Campus after the fees are paid, and all certificates / documents are found in order.

NB: Students may also pay the admission fee online through State Bank Collect. For details, please visit Institute website www.bitmesra.ac.in.

Sec 5: Internal Sliding and Refund Rules

Internal Sliding:

After the 4th round of seat allotment, 'internal sliding' amongst candidates admitted at the respective Campus will be done based on fresh choice/ preference of branch submitted by the candidates during the admission, against vacant seats.

Refund Rules:

Candidates at any stage before 4th round of admission can report at the allotted Campus to withdraw permanently from the Campus and also initiate the process of refund of admission fee paid by them, a cancellation fee will be charged as per Institute norms.

Please refer our Institute website for refund rules.

Sec 6: Total Number of Seats, Reservations and Seat Distribution

The number of seats to be offered in 2018 in B.Tech. programme at various Campuses is as given below:

Branches	BIT Deoghar Campus		BIT Jaipur Campus		BIT Patna Campus	
	Jharkhand	All India	Rajasthan	All India	Bihar	All India
B.Tech.- CIV	-	-	-	-	15	15
B.Tech.- CSE	30	30	30	30	30	30
B.Tech.- ECE	30	30	30	30	30	30
B.Tech.- EEE	30	30	30	30	30	30
B.Tech.- ITY	-	-	-	-	15	15
B.Tech.- MEC	30	30	-	-	20	20
B.Tech.- PRO	15	15	-	-	10	10
Total	135	135	90	90	150	150

Reservations:

- For all programmes 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.
- For all other programmes the reservation criteria for SC & ST are as per the statutory norms of Central Govt. (SC -15% & ST - 7.5%)
- The Institute observes statutory reservation for Persons with Disability (5%).
- Upto 1 seat at all above Off Campuses may be allotted to the candidates who are Sons or Daughters of Kashmiri Migrant who otherwise have qualified for admissions.
- At BIT Deoghar, BIT Jaipur and BIT Patna Campuses, 50% of the total seats are reserved for candidates who have passed their qualifying examination (Class 12) from the state where Campus is located. (The "State of Eligibility" of a candidate for the purpose will be determined on the basis of location of his/her School / College where he/she has passed the Class 12/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.

Note: Please select the state of eligibility from the prompt while filling the online application form. (Examples):

	State of Eligibility
Class XII / Equivalent Qualifying Examination from Jharkhand	Jharkhand
Class XII / Equivalent Qualifying Examination from Rajasthan	Rajasthan
Class XII / Equivalent Qualifying Examination from West Bengal	West Bengal
Class XII / Equivalent Qualifying Examination from Uttar Pradesh	Uttar Pradesh
Class XII / Equivalent Qualifying Examination from Delhi	Delhi

Note: Eligible SC/ST, OBC, PwD students admitted to above programmes at any of the Campus should submit their scholarship form in the Scholarship Section of the Campus for the academic year by February for processing scholarship to SC/ST, OBC, PwD students each year, as per UGC guidelines.

Sec 7: Seat Matrix of B.Tech. programme 2018 for BIT Deoghar, Jaipur & Patna Campuses

Sec 7 (a): Seat Matrix of BIT Deoghar Campus

State	Branch	OP	OP PwD	SC	SC PwD	ST	ST PWD	BC-I	BC-II	BC PwD	Total
All India	CSE	22	1	4	1	1	1	-	-	-	30
	ECE	22	1	4	1	1	1	-	-	-	30
	EEE	23	-	5	-	2	-	-	-	-	30
	MEC	23	-	5	-	2	-	-	-	-	30
	PRO	12	-	2	-	1	-	-	-	-	15
Sub Total		102	2	20	2	7	2	-	-	-	135
Home State	CSE	14	1	2	1	7	1	2	1	1	30
	ECE	14	1	2	1	7	1	2	1	1	30
	EEE	15	-	3	-	8	-	3	1	-	30
	MEC	14	-	3	-	8	-	3	2	-	30
	PRO	7	-	2	-	4	-	1	1	-	15
Sub Total		64	2	12	2	34	2	11	6	2	135
G. Totals		166	4	32	4	41	4	11	6	2	270

Sec 7 (b): Seat Matrix of BIT Jaipur Campus

State	Branch	OP	OP PwD	SC	SC PwD	ST	ST PwD	Total
All India	CSE	22	1	4	1	2	-	30
	ECE	22	1	5	-	2	-	30
	EEE	21	2	5	-	2	-	30
Sub Total		65	4	14	1	6	-	90
Home State	CSE	22	1	4	-	3	-	30
	ECE	22	1	4	-	2	1	30
	EEE	22	1	4	-	3	-	30
Sub Total		66	3	12	-	8	1	90
G. Totals		131	7	26	1	14	1	180

Sec 7 (c): Seat Matrix for B.Tech. programme at BIT Patna Campus

State	Branch	OP	OP PwD	SC	SC PwD	ST	ST PwD	BC-I	BC-I PwD	BC-II	BC Girls	Total
All India	CIV	11	1	2	-	1	-	-	-	-	-	15
	CSE	22	1	4	1	2	-	-	-	-	-	30
	ECE	22	2	3	1	1	1	-	-	-	-	30
	EEE	24	-	4	-	2	-	-	-	-	-	30
	ITY	11	1	1	1	1	-	-	-	-	-	15
	MEC	16	-	3	-	1	-	-	-	-	-	20
	PRO	7	-	2	-	1	-	-	-	-	-	10
Sub Total		113	5	19	3	9	1	-	-	-	-	150
Home State	CIV	7	-	2	-	-	-	3	-	3	-	15
	CSE	14	1	4	1	-	-	5	-	4	1	30
	ECE	14	1	4	1	-	-	5	-	4	1	30
	EEE	15	-	5	-	-	-	5	-	4	1	30
	ITY	8	-	2	-	-	-	2	1	1	1	15
	MEC	10	-	3	-	1	-	4	-	2	-	20
	PRO	5	-	2	-	-	-	2	-	1	-	10
Sub Total		73	2	22	2	1	-	26	1	19	4	150
G. Totals		186	7	41	5	10	1	26	1	19	4	300

**Sec 8: Fee Structure & Tuition-Fee Waiver Scheme
for the B.Tech. programme 2018-19 batch
at BIT Deoghar, Jaipur and Patna Campuses**

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

Particulars	1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem	7th Sem	8th Sem
Tuition Fee	88000	88000	98000	98000	107500	107500	119000	119000
Development Fee	6500	6500	7000	7000	7500	7500	8000	8000
Institute Exam Fee	5000	5000	5500	5500	6000	6000	6500	6500
Sub-Total (A):	99500	99500	110500	110500	121000	121000	133500	133500
Hostel Seat Rent* and Electricity etc.	13000	13000	14000	14000	15000	15000	16000	16000
Sub-Total (B):	112500	112500	124500	124500	136000	136000	149500	149500
Additional amount to be paid at the time of admission								
Admission Fee (One time only)	15000	-	-	-	-	-	-	-
Cautions Money (One time only-Refundable)	10000	-	-	-	-	-	-	-
Sub-Total (C):	25000	-	-	-	-	-	-	-
GRAND TOTAL (A+B+C): for BIT Deoghar and Patna Campuses *	137500	112500	124500	124500	136000	136000	149500	149500
GRAND TOTAL (A+C): for BIT Jaipur Campus*	124500	99500	110500	110500	121000	121000	133500	133500

* At the time of admission

Other Notes:

- Hostel facilities are available only at BIT Deoghar and BIT Patna Campus only. Hostel mess charges may range from approximately Rs.2,500/- to Rs.3,000/- per month.
- In addition to all of above, students at BIT Deoghar & BIT Patna Campuses will also be required to deposit Hostel Caution Money* (One Time only - Refundable) of Rs.5,000/-. They will also be required to pay suitable mess advance at the beginning of each semester, which will be adjusted against their mess charges / expenditure. For the session July 2018, this mess advance will be Rs. 15,000/- (Rs. 10,000/- for Girls at BIT Patna Campus only).
- All fees must be paid by crossed Demand Draft in favour of "Birla Institute of Technology" payable at Deoghar (for admission at Deoghar), payable at Jaipur (for admission at Jaipur) and payable at Patna (for admission at Patna).
Note: Except at the time of reporting, payable at the city where you are reporting for.
- Students will be expected to provide themselves with stationery and textbooks, etc, as prescribed for different subjects.
- The Institute reserves the right to revise the fees and other charges at any stage.
- For rules regarding refund of fees on withdrawal, please see separate Notice on Notice Boards.

B. Eligibility criteria for availing Fee Waiver for candidates admitted in the B.Tech. programme:

%age of Tuition Fee Waiver	All India Rank (CRL Rank) range of JEE-Main General category Candidates	All India Rank (CRL Rank) range of JEE-Main SC / ST category Candidates
100%	Upto 1000	Upto 5,000
75%	1001 - 2500	5,001 - 15,000
50%	2501 - 4000	15,001 - 25,000

Above mentioned rules shall be applicable from the date of Admission.

NB: Students may also pay the admission fee online through State Bank Collect. For details, please visit Institute website www.bitmesra.ac.in.

Sec 9: Profiles of the Campuses

BIT Deoghar Campus

About the Campus

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.

Courses being currently offered

Four years Bachelor of Technology in:

1. Computer Science & Engineering
2. Electrical & Electronics Engineering
3. Electronics & Communication Engineering
4. Mechanical Engineering
5. Production Engineering

System of Education

Choice Based Credit System (CBCS)

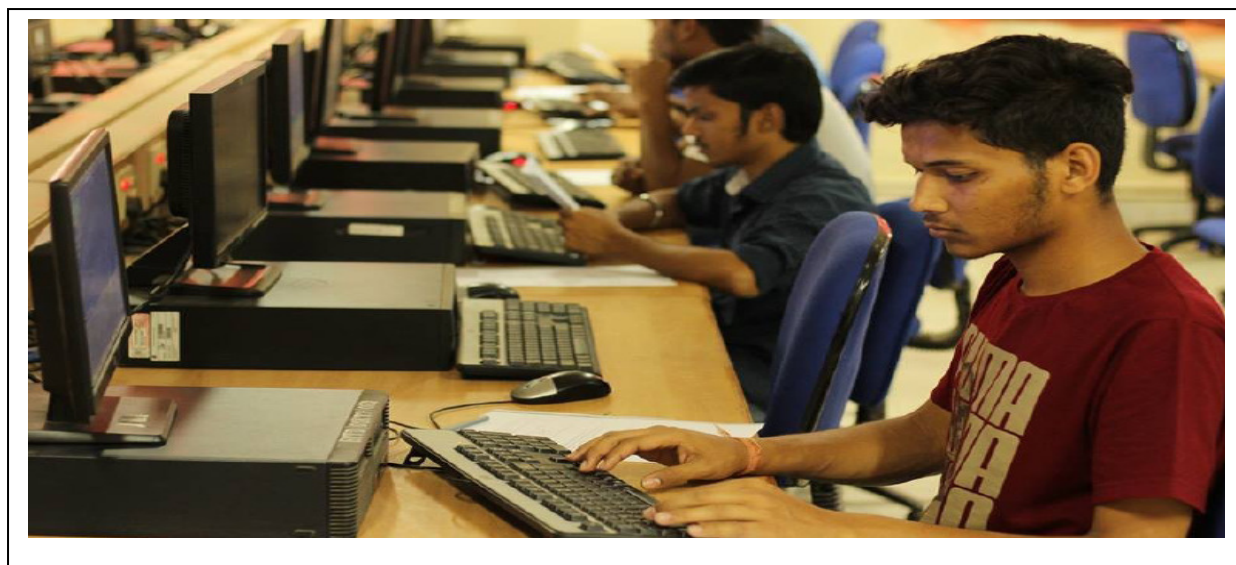


Infrastructure

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, 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. 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.

Training & Placement Cell

The T&P Cell strives, constantly, to place the students in reputed organization with higher perks. It also provides training to the undergraduate students and prepares them before appearing in a campus drive. For this the T&P Cell organizes mock tests, GD and PI sessions, throughout the year. The students are given lectures on the ethics and etiquettes of GD and PIs.

Students get placed in reputed organizations, namely, Infosys, Reliance Jio, Wipro, Headstrong, Cognizant, TATA Communications, Vedanta, Havell’s, Intel, Exide, Sapient, Ericsson, IBM, Vodafone to name a few. During the year 2017-2018, the highest package is 12.5 LPA offered by Intel. The average package is around 5.23 LPA.

The Entrepreneurship Development Cell (EDC) works in conjunctions of the T&P to motivate and train the students regarding the managerial skills required for conceptualizing a startup.



BIT Jaipur Campus

About the Campus

Birla Institute of Technology, Jaipur Campus is an integral part of Birla Institute of Technology, Mesra (Ranchi), it was established in 1995. The focus of the institute is to provide quality education in Engineering, Applied Sciences and Management with technology and professional exposure through innovative programmes & practices. With excellent performance, progressive mind set and good will earned, it is today one of the leading institutes in the field of Engineering, Applied Sciences and Management. The campus is well located in the southern-east part of the city which is an upcoming hub of important installations and development activities in residential, institutional and business areas. The campus is within 5-7 km reach from the airport, railway station and bus stand



Development Vision:

Development is a never-ending process, undoubtedly, knowledge spread, innovative concepts, innovative practices and technology breakthroughs are at core of this process. In the professional education domain, it is a two dimensional need for upgrading knowledge and infrastructure - one to understand the fast happening conceptual and technology breakthroughs and second to facilitate new such breakthroughs to take place with more knowledge inputs and basic research. In the present competitive environment, it is now a willing compulsion for a capable and growth oriented organization to be a part of contemporary development process. With excellent performance, progressive mind set and good will earned, the BIT Jaipur Campus has a long term vision to consolidate the strength and excel in engineering, applied science and management education and research in emerging areas.

Academic programmes being currently offered:

Undergraduate:

- (1) Bachelor of Technology (B.Tech.) in following branches of Engineering:
 - i) Computer Science & Engineering (CSE)
 - ii) Electronics and Communication Engineering (ECE)
 - iii) Electrical & Electronics Engineering (EEE)
- (2) Bachelor of Business Administration (BBA)
- (3) Bachelor of Computer Application (BCA)
- (4) B.Sc. (Animation & Multimedia)

Postgraduate:

- (1) Master in Computer Application (MCA)
- (2) M.Sc. Animation Design

Doctoral :

Ph.D Programme in Computer Science Engineering, Electronics & Communication Engineering, Management, Animation and Basic Sciences (Physics, Chemistry & Mathematics)

Main Facilities and Equipment:

Building & Campus: The institute is built up in about 10 Acre land (40000 Sq M) . The built up area is about 6700 Sq M consisting of 14 Class Rooms, 15 Lab Halls, Mechanical Workshop, Seminar Hall (150 Seating Capacity), Common Computer/Internet Access Centre (30 Computers) , Library Hall, Canteen Hall, Indoor Sports & Gymnasium Hall , Student Common Hall and Administrative block. The institute has high speed Wi-Fi facility in whole campus for internet connectivity.

Lab & Equipment:

The institute has quality lab and software infrastructure. All required advanced lab equipment and software are available in the institute to conduct offered courses along with equipment required for Mechanical Workshop.

Library :

The institute library has good collection of text and reference books along with regular subscription of international & national journals, magazines, newspaper, etc. The digital library is also provided with high end computers. Following resources are available in digital library :

Online e-Journals & e-books:

Engineering	:	IEEE, Science Direct & ASTM digital Library
Management	:	PROQUEST
Other Training Tools	:	Digital English Language lab

Faculty:

All the faculty members are well qualified and have a good research back ground. Faculty members have been selected as per UGC/AICTE norms and based on high merit standards of BIT, Mesra. All Selections are made after interview at Main Campus BIT, Mesra and the faculty are paced on regular basis in UGC grade as per 7th pay commission recommendations.

Student Activities (Technical, Sports & Other Extra Curricular Activities)

The institute has good facilities for various student activities that include sports, technical and cultural events. Three major events are organised every year for development of these aspects. These are Vibrations (Cultural Event), TechVibes (Technical Events) and Cavorts (Sports Event). In addition to these, for technology exposure and professional grooming the institute has following student forums; IETE student Chapter, CSI Student Chapter, Technical Clubs, Entrepreneur Cell and Industrial Interaction Cell. For physical fitness of the students, the institution has a well equipped Gymnasium.

Campus Placement Cell

The campus has a placement cell to guide students about their career plan, to train them and to facilitate their placement in reputed organizations. The Cell also coordinate for the students who opt for higher studies in premier institutions in India and abroad (M.Tech, MS, Doctoral Courses) Excellent relationship with prospective employers and an intelligent mechanism of analysis of student's interest, strength, weakness , training needs , etc. are the highlighting features of the placement cell. The focus of the placement cell is to train and prepare students in such a way that they are gladly accepted by the best organizations, corporate & industry in India and abroad.

Keeping in view the long term career prospects with scope of learning opportunities, we give high importance to the standing of the employer and offered job profile, undoubtedly a good financial remuneration naturally follows these two basic aspects. Based on high reputation of BIT in academic standards and in grooming students in descent environment , our students are categorized in a special bracket and thus good job profiles with attractive financial package are generally offered to them.

The cell operates in close guidance of the centralized placement division of our main campus at Mesra, Ranchi. Through the coordinated efforts, BIT students are placed in leading corporates and PSUs. The BIT Jaipur Campus has an excellent record of quality placement along with selection of students in premier institutions in the country and abroad for higher studies. Along with the year wise campus placement details, the details of bright career of students has been given on the BIT Jaipur Campus web link with a scrolling title “**Impressive Career Progression of bright BIT Jaipur Campus Students**”.

Alumni Cell

BIT has strong Alumni strength and all students have access to Alumni Knowledge and Placement resources throughout the world. **BITOSA** is a useful global forum under this cell.

Canteen

BIT Jaipur campus Canteen operated on outsourced contract basis and offers hygienic food services meeting the student satisfaction at very competent price. It is Supervised by the committee of BIT students and staff members. The Canteen hall is air cooled and has pleasant inner and outside ambience.

B.Tech. Programme at Birla Institute of Technology, Jaipur Campus

BIT Jaipur Campus has Bachelor of Technology (B.Tech.) Programme in following three disciplines;

1. Computer Science & Engineering (CSE),
2. Electronics & Communication Engineering (ECE)
3. Electrical & Electronics Engineering (EEE)

Information about Computer Science & Engineering (CSE) Department

Overview

Computer science is concerned with the study of the hardware, software, and theoretical aspects of high-speed computing devices and application of these devices to scientific, technological, and business problems. The Department of Computer Science at BIT Jaipur campus is well abreast of latest developments in the area of IT, software development and hardware design and regularly incorporates the same in its academic programmes.

Research Interest & Aim

The thrust research areas for the department at present are the emerging fields of soft-computing and applications, Artificial Intelligence, optimization and control-based software, mobile application development, high-level multilingual search, Data mining, Big Data Application, Cognitive Science & social networking etc.

Infrastructural Facilities

The department has eight high-tech computer laboratories having over 400 machines of IBM, Compaq, Dell and HP connected to latest state of the art servers and core i7/i5 desktops. With the objective of giving the students adequate practical exposure, the department has latest versions of all required software. The software available for Computer Science courses are ESET, MS-Office, Windows Server 2012, Rational Rose, Oracle, Auto Cad, MATLAB, C,C++, Java, Python, PHP.

The department has well qualified and experienced faculty, qualified at M.Tech. & Ph.D. levels. Apart from the regular academics, department regularly organize summer schools and other training courses on the emerging fields of computer science. The eminent academicians and technology experts are invited to deliver lectures on emerging concepts and technologies for updating the vision, knowledge and skill sets of the students and faculty.

Placement Prospects

Based on excellent knowledge base and technical competence the students of the department have an impressive placement record. Many of graduates choose to join some of the best institutions of higher learning around the world, whereas many of them join the reputed IT and leading software industries such as Microsoft, Amazon, Oracle, Samsung, Verizon, SAP Labs, Direct I , FICO, Accolite, etc.

Information about Electronics & Communication Engineering (ECE) Department

Overview

Electronics now days involve in all disciplines of engineering, it provides basic hardware support to Computer Science, basic control and display systems to all kind of instruments and mechanical and electrical machines. Its is backbone of the entertainment and utility devices and gadgets . When it combines with communication, it brings miracle technologies in wire-line and wireless connectivity and networking like ; Satellite Communication, Mobile Communication, Optical Communication, Broad Band SDH & ADSL, Internet and Intranet, Wireless in Local Loop (WLL), Bluetooth, etc. In nut shell, the advancement in the Electronics & Communication Engineering has played the vital role in realization of the concept of `Global Village`

Infrastructural Facilities

The Department of Electronics & Communication Engineering in the institution conforms to the global scenario with its knowledge base, experience and infrastructure. The department has learned teaching faculty qualified at M.Tech. and Ph.D. Levels. It has excellent lab infrastructure in the area of Basic Electronics, Control System & Instrumentation, Integrated Electronics, Analog & Digital Circuits, Semiconductor & Microelectronics, VLSI, DSP, Micro-controller & Microprocessor, Analog & Digital Communication, Optical Communication, Microwaves and Antenna. To give students exposure to software based designing, the department has well equipped simulation lab having software simulation tools like CADENCE, MATLAB, MULTISIM, COMSIM, Code Composure Studio for DSP, Lab view with ELVIS Hardware, HFSS Antenna Simulator, Xilinx's ISE Foundation for VLSI design, System Vue, Open IT Guru, etc

Research Interest & Aim

The department is looking forward to enhance core skill set through research and development in the emerging technologies like; Communication Systems & Networks Software Defined Radio, Microelectronics & VLSI, Microwave & Milimeter Wave Circuits, Optical Networks & Photonics, Microstrip Antennas, Control & Automation, Signal Processing, Virtual Reality, etc. The faculty and the students of the department has been constantly carrying out research on many cuttingedge technologies and regularly publishes in IEEE, Science Direct (Elsevier), Springer, Optical Society (OSA) and other top international journals and conferences. The department also undertakes research projects sponsored by both the government and the industry.

Placement Prospects

Based on excellent knowledge base and technical competence the students of the department have an impressive placement record. Many of graduates choose to join some of the best institutions of higher learning around the world, many of them have been selected in prestigious Indian Engineering Services and many have joined the leading corporates in the area of core electronic design, Automation, communication and software development like BSNL, BEL, SanDisk, Xilinx, Intel, IFB, Microsoft, Amazon, Oracle, Samsung, Verizon etc.

Information about Electrical and Electronics Engineering Department

Overview

Electrical Engineering is a core engineering branch and also called as mother branch from which Electronics & computer Science branches derived later on. As such the Electrical Engineering has great legacy of a pioneering engineering branch and all renowned technical institutions and Universities has very rich legacy of research and technological development in this domain. Undoubtedly, it deals with basic need of electrical energy, that is at core of all major technological development in the world, as such it has ever lasting scope of expert engineers and development. Now days all major electrical machines are automated which is a domain of electronics, as such it is important to impart relevant knowledge of Electronics with basic Electrical Engineering Course. When Electrical Engineering combines with Electronics, it opens up large avenues in the area of electrical power generation, distribution and control along with fast spreading domestic applications. This discipline well represents the involvement of technology to fulfil growing need of energy, therefore a vast scope of growth for a technical professional in this domain.

Infrastructural Facilities

The Department of Electrical and Electronics Engineering at BIT Jaipur campus conforms to international standards with its knowledge base, experience and infrastructure. The department has learned teaching faculty qualified at M.Tech. and Ph.D. Levels. It has excellent lab infrastructure in the area of Control System & Instrumentation, Power Electronics, Power Systems, Electrical Machines, Transmission & Distribution of Electrical Power, Switch Gear and Protection, Basic Electronics, Integrated Electronics, DSP and Microprocessor

The department has well equipped laboratories and having software simulation tools like MATLAB, MULTISIM, LabView with ELVIS, My Power, ETAP, Ansys Electromagnetic Suite, Infoletica MagNet 2D etc.

Research Interest and Aim

The department is looking forward to enhance core skill sets through research and development in the emerging technologies like; Optimized Power Transmission System, Smart Grid, Solar Energy Systems, Mechatronics, Miniaturization and Automation, Computerized Network, etc.

Placement Prospects

Based on excellent knowledge base and technical competence the students of the department have an impressive placement record. Many of graduates choose to join some of the best institutions of higher learning around the world and many have joined the leading corporates in the area of core Electrical Design and Operations, Automation and software development like; NTPC, Reliance Power, BHEL, State Electricity Boards, IFB, Microsoft, Amazon, Oracle, Samsung, Verizon etc.

Some salient features of the B.Tech. Programme at BIT

- ▶ A Novel cause of pioneering excellence in engineering education in the country is behind the origin of the institute, different from short sighted causes mushrooming now days in the country.
- ▶ International Repute & Recognition of the institute and its courses with accumulated experience of more than 60 years in multiple disciplines covering complete academic hierarchy (UG, PG, Doctoral, Post-Doctoral Programmes)
- ▶ Consistent high ranking of the institute in the survey conducted by reputed Magazines and rank decided by NIRF (MHRD)
- ▶ A pool of expert faculty, selected based on merit and as per UGC norms.
- ▶ A large and high-profile alumni base, supports institution repute and career of new students
- ▶ Complete & Sustainable Infrastructure with regular update
- ▶ A supportive Corporate base of the Birla group industries
- ▶ Regular course update by experts to consider new technological advancement
- ▶ Merit base selection criteria for students, no management or paid seats
- ▶ Competent Campus placement Cell with in house facility for skill and personality development, a consistent record of excellent placement and quality work profile offered to students in reputed companies along with selection of students in highly reputed institutions in India and abroad for higher education and research. The placement activities are centrally coordinated by the main campus at Mesra, Ranchi
- ▶ Consistent excellent record of student career progression, groomed in sober, disciplined and competent academic environment
- ▶ High repute and recognition of BIT degree in India & abroad, the preferred criteria mostly reputed companies follow when scrutinize applications for high profile jobs.

(For details about the B.Tech. Programme, department profile and placement profile please visit institute website www.bitmesra.ac.in and then click Jaipur Campus

BIT Patna Campus

Birla Institute of Technology Patna Campus came into existence in the year 2006 with the initiative of Government of Bihar with a vision to provide quality education in the students of Bihar who wishes to pursue their career in technical education. By far, BIT Patna is one of the best equipped, technically sound professional colleges in the state of Bihar. The campus is well networked. The infrastructure includes 3.25 lacs sq. feet of academic space. The institute offers BE, B. Arch, BBA, BCA, PG and Ph.D. Programme in different disciplines. BIT Patna is committed to provide state-of-the-art facilities to its students.



BIT Patna Campus seeks to attract the best students from diverse background and offer them an excellent educational experience. It offers more flexibility and choice to the students in the academic programmes, an inviting and stimulating ambience for education and research, a rich suite of extra- and co-curricular activities, personality development, life-skills and career planning as the part of holistic development.

BIT Patna Campus strives to achieve in Teaching, Research and Consultancy by creating an environment in which the faculty and students share a passion for creating, sharing and applying knowledge to continuously improve the quality of education.

About Bachelor of Engineering Programme:

BIT Patna provides Four years Bachelor of Engineering in 07 disciplines, namely EEE, ECE, CSE, IT, MECHANICAL, CIVIL & PRODUCTION Engineering. The total intake capacity of BE programme is 300, in which 50% seats are reserved for the HOME STATE (Bihar).

Laboratories of different departments are well equipped with latest software and good quality equipments required to provide quality education, research and training.

Central Library of the Institute takes pride in its state-of-the-art library infrastructure and resources, well furnished and spacious reading room forms part of it. The library is well equipped with LIBSYS software and enriched with IEEE, ASCE, ASME, EBSCO, J-GATE, SCIENCE DIRECT etc online resources.

It offers a wide range of books, national & international journals, periodicals on the subject areas & other research materials. Important local, regional and national dailies in English and Hindi are also an important part of Newspaper section of the library.

T & P Cell round the year organizes Training & Development Program for the students. Our students have achieved an **average package of Rs 4.92 lakhs** per annum with the highest at Rs.14.5 lakhs per annum.

Collaboration has been done with **Sapient Consulting Private Limited**, for mentoring and up skilling the students of BIT Patna by providing hands on training on latest technologies.

BIT PATNA is committed to make concerted efforts to basic long-term **Research & Development** in frontier areas. The Institute has ongoing academic and research activities with the aid of UGC, AICTE, DST, Govt. of India etc. **“START-UP India”** project sanctioned by Dept. of Industry; Govt. of Bihar is already running at our campus.

For the up-liftment and empowerment of the underprivileged children groups, **National Social Services (NSS)** group of the institute organizes various activities like Tree Plantation Ceremony, Blood Donation Camp, and Yoga Day, clean India etc.

To keep abreast with latest pedagogy BIT PATNA is involved in organizing various International and National Seminar/conferences/ workshops/ FDP/ Short term courses/ Guest lecture etc from time to time.

Teaching Pedagogy

- Case Based Teaching Pedagogy.
- Regular Guest lectures by renowned speakers from industry, academics, start-up entrepreneurs and distinguished/intellectual bureaucrats.
- Educational Excursions & Industrial visits for applied exposure.
- Personality Development Programs and Workshops by lead corporate trainers for honing soft skills and emotional intelligence.
- Industry Interface with reputed organization for up skilling according to changing needs of corporate sector.

Various Committees and Cells like **Women Cell, Schedule Cast/Schedule Tribes, Anti ragging Committee and Squads** have been constituted as per the norms of regulatory bodies.

Sec 10: 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. [for details please see Sec-11 of this Information Brochure].

Hostel

Hostel facilities are provided only at BIT Deoghar and BIT Patna Campuses. 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.

Sec 11. 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 'On line 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.