

ADMISSION INFORMATION BROCHURE

for

**4-Year (8-Semester)
Full-Time
Bachelor of Pharmacy (B.Pharm.)
Program 2022-2026**

at

Birla Institute of Technology, Mesra



BIRLA INSTITUTE OF TECHNOLOGY

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

Mesra, Ranchi - 835215

Jharkhand, India

Website: <http://www.bitmesra.ac.in>

ADDRESSES AND CONTACT DETAILS

| Campus | Addresses and contact details |
|--------|--|
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IMPORTANT DATES

| | |
|--------------------------------|---------------------------------|
| Online Application Form Starts | 28 th June 2022 |
| Last date to Apply Online | 15 th August 2022 |
| Declaration of Result | To be notified later on Website |

Note: All the dates mentioned above are tentative, and liable to be changed. Hence, please check Institute website periodically.

Sec -1: Admission to B.Pharm. Program 2022 - An Introduction

This undergraduate Information Brochure 2022 covers admission to 4- Year (8-Semester) full-time Bachelor of Pharmacy (B.Pharm.) program at its Mesra campus.

The Department of Pharmaceutical Sciences and Technology was established in 1972 at BIT Mesra and is a prosperous diverse scientific network which includes varied specializations working on particular scientific fields with highly qualified and competent faculties, postgraduate students, research fellows and visiting scientists within particular institutions with interdisciplinary and cross institutional activities. The Department is well equipped with the cutting-edge infrastructural facilities for teaching and research.

| S. No. | Programs Offered | Sanctioned Intake |
|--------|--|----------------------------|
| 1 | B. Pharm. - 4-years (8-semesters) program | 60 |
| 2 | M. Pharm. - 2-years (4-semesters) program in five specializations a. Pharmaceutics b. Pharmaceutical Chemistry c. Pharmacology d. Pharmaceutical Quality Assurance e. Pharmacognosy | 15 15 15 15 15 |
| 3 | M. Pharm. - 2-years (4-semester) program under QIP | 08 |
| 4 | Ph.D. Program (including 8 under QIP) | Flexible |

The Department encourages and supports studies involving a range of research strategies which are supported by various national and international funding agencies like UGC, AICTE, DRDO, CSIR, ICAR, ICMR, DST, BMBF (Germany), UGC-UKIERI etc. The Department also has collaboration with many renowned National and International Institutes of repute for research in various fields of Pharmaceutical Sciences and Technology.

Young faculties are also supported for post-doctoral research abroad. A few faculties have also been on the panel of invited speakers at international conferences, held in USA, Singapore, Germany, Austria and UK.

Vision of the Department:

- To become a centre of excellence in teaching and research for creating technical manpower to meet the technological needs in the area of healthcare system contributing towards socio-economic development of the country.

Mission of the Department:

- To develop state of the art education and research at undergraduate, post graduate and doctoral levels in different areas of pharmaceutical sciences and technology.
- To provide excellent infrastructural facilities to strengthen research and development activities.
- To extend proper academic guidance and career counselling to students in order to bridge the gap between academia and industry as per needs of the society.
- To develop effective pedagogical and research potential among the faculties.
- To create pharmaceutical knowledge pool with innovative, ethical and leadership qualities to serve the cause of the society.
- To promote collaboration with academia, industries and research organizations at national and international levels in the areas of mutual interests.

Department of Pharmaceutical Sciences and Technology. Birla Institute of Technology, Mesra ranked 26th in Overall by National Institutional Ranking Framework (NIRF) 2021, Ministry of Human Resource Development, Government of India in category of Pharmacy.

The various areas of research are marked under various specializations such as:

Pharmaceutics

- New Drug Delivery Systems
- BA/BE Studies
- Nanotechnology Based Formulation Development
- Exploration of Natural molecules as Pharmaceutical Adjuvant

Pharmaceutical Chemistry

- *In silico* design, synthesis (conventional, microwave, development of combinatorial solution phase synthetic techniques) and evaluation of novel candidate compounds with special reference to heterocyclic moieties and small peptides in the field of antimicrobial, antiprotozoal, antiviral, antiHIV, anticancer, analgesic, antihistaminic, anticonvulsant, cardiovascular, antidiabetic and other activities.
- Molecular modeling, docking, QSAR and solution phase ADME studies using CADD based software like Sybyl 7.1, Autodock Vina, Flex X and Scigress Explorer.
- Natural products-chemistry/pharmacology/structure elucidation and standardization/ using spectroscopic methods (UV-VIS/IR/NMR/MS etc.)
- Studies on synthetic nutraceuticals

Pharmacology

- General pharmacological screening, in vitro and in vivo toxicological studies of new bioactive molecules from synthetic and natural sources.
- Neuropharmacological studies of bioactive molecules with special reference to cognitive functions.
- Studies of bioactive molecules on experimentally induced diabetes, and its implications in animal models.
- Biochemical and Molecular Pharmacological studies of bioactive molecules.
- Antioxidant and DNA protective properties of bioflavonoids

Pharmacognosy

- Validation of traditional systems of medicine
- Validated methodologies for development of new herbal formulations.
- Development of Drug molecules from natural sources and their enhancement by biotechnological approaches.
- Exploring natural resources for novel drug delivery systems.

Pharmaceutical Quality Assurance

- Analytical Method Development and Validation
- Bioanalytical Method Development and Validation
- Standardization of traditional drugs and polyherbal formulations
- Pharmaceutical Validation

Facilities

The Department houses two Instrumental laboratories with state-of-the-art instruments. It also houses a complete computational and molecular modelling laboratory with thirty-six computers, which are connected by LAN. Various molecular modelling software from BioSolve IT and Fujitsu has been installed in the laboratory. Wi-Fi facility is also available in the Department for easy accessibility of internet and intranet by students and staff.

An *in vitro* cell culture laboratory is also in the process of development in the Department. The Department also houses an FESEM from CIF.

Infrastructure added to the existing facilities include

- Biological Safety Cabinet
- Deep freezer (-86° C)
- Double Station Disintegration Tester
- DSC & TGA
- Electromagnetic Sieve Shaker
- ELISA reader
- FESEM
- HPLC(Waters) - PDA Detector
- Malvern Viscometer
- R & D COATER
- Refrigerated Centrifuge
- Stability Chamber
- TA-60 Thermal Analyzer
- Tabletop Ultracentrifuge
- Tap Densitometer Model ETD-1020
- Texture Analyzer of Load Frame
- Ultrasonic Homogenizer
- Viscometer

Sec-2: Eligibility Criteria

The minimum qualifications / eligibility criteria for admission to the Bachelor of Pharmacy (B.Pharm) program is as given below:

| Program | Minimum Eligibility Criteria |
|---------|---|
| B.Pharm | a) Candidates must have appeared in JEE (Main) 2022 or National Eligibility cum Entrance Test 2022 (NEET-UG) b) Candidates must have passed Class 12 / I.Sc. or equivalent qualifying examination. c) Candidates must have passed in English, Physics, Chemistry and Mathematics / Biology in Class 12 / I.Sc. or Equivalent Qualifying Examination with minimum 50% marks (45% for SC/ST/PwD). d) Marks in Class 12 to be computed as average of following 4 subjects - English, Physics, Chemistry, and Mathematics / Biology. |

Notes:

- Only those candidates whose date of birth falls on or after 1st October 1997 in case of General / OBC category and 1st October 1992 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.
- Candidates with foreign diplomas should see the EdCIL website for equivalence (<http://www.edcil.co.in>), and if required should obtain an equivalence certificate well in advance 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 marks would be based on the procedure prescribed by the Board.
- Candidate shall have passed 10+2 examination conducted by the respective state/central government authorities recognized as equivalent to 10+2 examination by the Association of Indian Universities (AIU) with English as one of the subjects and Physics, Chemistry, Mathematics/ Biology as optional subjects individually. "However, the students possessing 10+2 qualification from non-formal and non-class rooms based schooling such as National Institute of Open Schooling, open school systems of States etc. shall not be eligible for admission to B.Pharm program."**
- At the time of reporting for documents verification, candidates will be required to produce originals of Pass certificate & Marksheet of Class 10, Marksheet of Class 12 showing requisite minimum marks, as well as Caste or Special Category certificates in proper format signed by appropriate authority.
- 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.

Selection Procedures:

Selections will be made on merit, that will be drawn by giving -

- 60% weightage to JEE (Main) 2022 / National Eligibility cum Entrance Test 2022 (NEET-UG) Score [total marks obtained] and
- 40% weightage to academic performance (marks in Class 12 / equivalent qualifying examination)
- Candidates must meet the age criteria and other minimum academic requirements.

Cancellation of Admission Offer:

- The admission of a candidate will be automatically cancelled -
 - If any information provided in the application form is found incorrect or missing.
 - Those who fail to submit the marksheet of Class XII or equivalent qualifying examination in time as stipulated.

Note: Eligible SC/ST, OBC, PwD students admitted to above programs at Mesra should submit their scholarship form in the Office of Registrar for the academic year by February for processing scholarship to SC/ST, OBC, PwD students each year, as per UGC guidelines.

Sec-3: How to Apply

How to Apply:

1. To fill online application form, click on the link “**APPLY ONLINE**” to register for the program 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 / EWS 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.**
3. **Candidates should proceed to fill the Online Application Form only after they satisfy themselves that they fulfill all the eligibility criteria.**
4. Candidate must have adequate proficiency in written & spoken English to cope with the program as all instruction and examinations will be in English only.

Sec-4: Required List of Documents

Candidates would be required to furnish the following original certificates and documents during physical reporting for verification of documents, as well as one set of photocopies of all these documents.

1. Pass Certificate of Class 10 (Age proof)
2. Marksheet of Class 10
3. Marksheet of Class 12 / I. Sc. or equivalent
4. School / College Leaving Certificate / TC
5. Migration Certificate
6. Admit Card and Score Card of JEE-Main 2022 / NEET-UG 2022
7. Originals of caste certificate (if applicable). **Caste certificates must be in proper format, signed by appropriate authority of rank not less than SDO.**
8. Candidates applying under the Persons with Disability (PwD) / Kashmiri Migrant / Economically Weaker Section (EWS) category must provide a certificate in proper format from appropriate authority.
9. Photo identification: (Driving license, Passport, PAN Card, Voter ID, Aadhaar Card, School /College ID are acceptable).

Documents required at the time of Admission

If provisionally selected, candidates will be required to submit all the above documents in original at the time of admission (except the photo identification documents), along with the requisite fees.

Sec-5: Reservations

RESERVATIONS

1. 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.
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. Upto 1 seat may be allotted to the candidates who are Sons or Daughters of Kashmiri Migrant who otherwise have qualified for admissions.
5. 50% of the total seats are reserved for candidates who have passed their qualifying examination (Class 12) from Jharkhand State. (The “State of Eligibility” of a candidate for the purpose will be determined on the basis of location of his/her School / College where she/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].
6. 50% of the seats are reserved for the candidates appeared in the JEE-Main 2022 and rest of 50% for NEET-UG 2022, who otherwise have qualified for admissions. 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.

Notes:

1. The Institute reserves the right to lower the intake in a programme without showing any reason.
2. The Institute also reserves the right not to offer a particular program in case the number of students found to be eligible / admitted is less than 30% in number.

Examples for writing the name of State while filling the application form:

| | State of Eligibility |
|---|----------------------|
| Qualifying examination (Class XII) from Jharkhand | Jharkhand |
| Qualifying examination (Class XII) from Rajasthan | Rajasthan |
| Qualifying examination (Class XII) from West Bengal | West Bengal |
| Qualifying examination (Class XII) from Uttar Pradesh | Uttar Pradesh |
| Qualifying examination (Class XII) from Delhi | Delhi |

Sec-6: Fee Structure

Fees payable [in INR] for the full-time B.Pharm. program for the 2022 Batch

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 | 117000 | 117000 | 128000 | 128000 | 141500 | 141500 | 155500 | 155500 |
| Development Fee | 8000 | 8000 | 9000 | 9000 | 10000 | 10000 | 11000 | 11000 |
| Institute Exam Fee | 6500 | 6500 | 7000 | 7000 | 7500 | 7500 | 8000 | 8000 |
| Total | 131500 | 131500 | 144000 | 144000 | 159000 | 159000 | 174500 | 174500 |
| Hostel Seat Rent*, Electricity and Transport etc. | 19000 | 19000 | 21000 | 21000 | 23000 | 23000 | 25000 | 25000 |
| Grand Total | 150500 | 150500 | 165000 | 165000 | 182000 | 182000 | 199500 | 199500 |

* Hostel fees are subject to revision in future

| | |
|--|---------------------------|
| Additional amount to be paid at the time of admission: (i) Admission Fee (One time only) =Rs. 17,500.00 and (ii) Caution Money (One time only-Refundable) = Rs. 10,000.00 | Total Rs.27,500.00 |
|--|---------------------------|

Notes:

- Hostel mess charges will range from approximately Rs.3,000/- to Rs.3,500/- per month. Students will 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 2022, this mess advance* will be Rs.20,000/- [total of Rs. 25,000/-].

*Hostel Caution Money (One Time only - Refundable) and Hostel Mess Advance (each semester) are payable through SBI Collect in favour of "BIT Welfare Society".

- All payments must be made online using ICICI Payment Gateway through debit / credit card and net banking of any nationalized bank.
- 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.

Sec-7: Co-curricular Activities

CO-CURRICULAR ACTIVITIES & EXTRA CURRICULAR ACTIVITIES AT THE INSTITUTE

Co-Curricular Activities at the Institute

The Institute provides facilities for most outdoor and indoor games and encourages general participation in all of them. We have a modern stadium for athletics and track events, a well-equipped gymnasium, and fine grounds and courts for most games including football, hockey, cricket, basketball, tennis, volleyball, badminton etc. Coaching is also available for most sports.

Any one of the following - P.T. and Games / N.C.C. / N.S.S. / Creative Arts is compulsory, and comprises one credit unit each in the first, second, third and fourth Semesters of the B.Tech., BHMCT, B.Pharm. and B.Arch. courses. Grades are assigned at the end of each Semester based on performance and / or written and practical tests.

CREATIVE ARTS



Art speaks where words are unable to explain. Art is a diverse range of human activities in creating visual, auditory or performing artifacts which make us learn a lot. Students who opt for Creative Arts as their co-curricular subject attend a number of theory classes in literature and fine arts as well as stage performances, etc. They are exposed to different aspects of Creative Arts in their first and second semesters and can opt for a special subject of interest in their third and fourth semesters.

Creative Arts, Mesra is dedicated to fostering a passion for the Arts by providing exceptional instruction in visual and performing arts to a diverse population of students. By offering opportunities for innovative learning, performance and morals, Creative Arts and its dedicated faculty strive to instil a life-long desire for creative expression. The department seeks to inspire, enrich and connect individuals within the community through the expression of art.

The Department has two sub-sections- Fine arts and Music.. The students of fine arts have been given training in Pencil Sketching, Charcoal Painting, Black Ink, Water Colour, Dry Pastel, Oil painting and various other craft works. Whereas the Music students have been briefed about both Western and Indian Music, and are taught ragas, Ghazals, Prabhat Sangeet, Thumris, Folk Music and various

instruments like tabla, guitar etc. The Students are also given workshops in both the fields from time-to-time by distinguished artists from all over India.

The department has offered various platforms to our budding artists to showcase their talent and prove their mettle.



NCC



The 3 Jharkhand Composite (Technical) Company unit of the National Cadet Corps, which is stationed on campus, imparts training to the students, and prepares them for the "B" and "C" Certificate Examinations which enhance in the performance of the student's placement and landed him /her with a recruiter. A small

firing range adjacent to the unit enables cadets to practice in the operation of firearms. They also have access to the firing ranges of the local Army units. Cadets are required to attend camp once a year. It imparts NCC training to

the cadets in terms of classes on various subjects like: - Drill, Weapon Training, Field & Battle Craft, Map reading & also trains the cadets in live firing and obstacle training on campus for the 'B' & 'C' certificates exams. Cadets are also required a camp once a year. Various N.C.C Scholarships are also availed by the unit students.

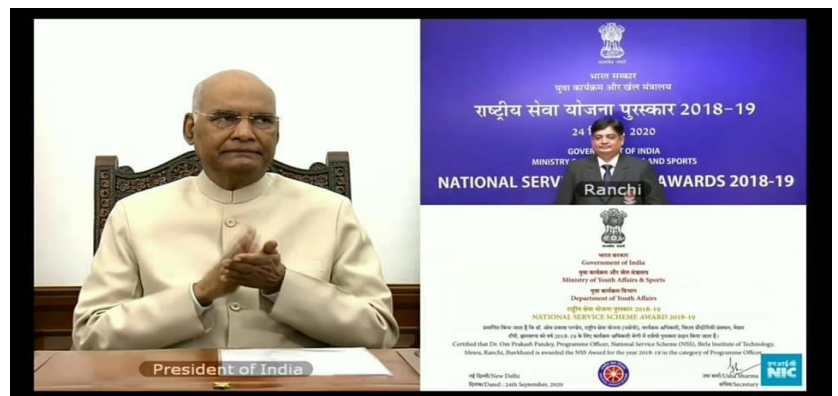
Physical Training & Games



Students who opt for P.T. & Games have access to all required facilities. Classes are held once weekly where the students have sessions in exercises and various games under supervision of trained Instructors.



NSS



The National Service Scheme provides students an opportunity to understand social problems and perform useful social work. The teachers concerned interact with the students to explain such problems, say of sanitation awareness in a nearby village, encourage discussions and ideas about how to tackle the same, and supervise visits to the village where the students discuss the problems with the villagers and actively participate in the implementation of the solutions. The N. S. S. students have also organized blood donation camps in a nearby village and run a night school for the mess servants of the Institute hostels.



Extra-Curricular Activities at the Institute

Since the first day of the Institute, it has comprehensive facilities for most outdoor sports and games and a host of extracurricular activities, so necessary for the overall and healthy development of young people and encourages participation in all of them. We have a beautiful sports complex with a modern stadium for track and field events, a well-equipped gymnasium with a modern multi-gym, a spacious new indoor badminton stadium, and fine grounds and courts for football, hockey, cricket, kabaddi, khokho, basketball, tennis, volleyball, badminton, etc. Coaching is also available for most sports.



Drama competitions, music competitions and annual student festival - BITOTSAV are conducted on a regular basis. Traditional festivals celebrated with devotion are Saraswati Puja and Viswakarma Puja. The students also organize "Guru ka Langar" on the occasion of the birthday of Guru Govind Singh.

The Institute teams have regularly participated at student festivals and competitions all over the country, including those and ISM Dhanbad, Rotary performed creditably music, drama, fine arts,



held by IT-BHU, various IIT's, BITS Pilani International, etc where they have and bagged awards in various events like literary events, etc.



There are also a large number of Student Societies and Clubs, which provide for a great variety of extra-curricular activities and provide platforms for students to nurture their hobbies and other creative talents for relaxation and entertainment. These Societies and Clubs include: Dramatics Society, UNESQO Club, News and Publication Society (NAPS), Music Club, Fine Arts Society, Photographic Society, Students Chapter of the Institute of Engineers (IE), Students Chapter of IEEE, Students Chapter of IEE to name a few.

The Institute has hosted various Inter-University meets and tournaments at the National and Zonal levels in athletics, tennis, basketball, badminton, volleyball, football and hockey. Institute teams also visit other host Universities to participate in such tournaments. It is worth mentioning that our students have won laurels at National and International events too. The Institute has also hosted various Inter-

University cultural meets, such as: Inter-University East Zone Drama Festival - 1993 Inter-University National Youth Festival - 1996 Inter-University East Zone National Youth Festival - 2006



Sec-8: Campus Placements

The Training and Placement Department of the Institute organizes the campus recruitment programmes every year where recruiters from diverse domain actively participate to select from amongst the BIT talent pool. Training programmes are also conducted in soft skills as well as technical skills in order to groom the students as per Industrial requirements.

Pharmaceutical Companies:

Several leading Pharmaceutical companies participate in Training & Placement for B.Pharm. and M.Pharm. students. These include companies like Dr. Reddy's Labs, Ranbaxy Laboratories, CIPLA, Mylan Laboratories Ltd, Eli Lilly, Torrent Pharmaceuticals, Nestle India, Indegene, Alkem, IT-Cognizant Technologies and others.

Sec-9: Life on Campus

The campus at BIT Mesra is a microcosm of a world in itself. It is not just enough to say that students find here a home away from home, for campus life for a BIT-ian is definitely a lot more. It is actually an involved experience, the essence of which becomes the steering force for many BIT alumni in the years thereafter - in other words, it's simply great!

One can feel the transition palpably the moment the University grounds are entered. The proximity of two rivers makes the sprawling green campus even more beautiful and an idyllic option for youngsters to hang out in. It is almost surprising how the campus is always alive with activity long outside the 'toil and trouble' induced by a comprehensive academic curriculum.

BIT's academic programs are conceived with industry needs in mind and are constantly evolving with every advancement in respective fields. The campus is equipped with state-of-the-art central facilities including an extensive library that is a model in its kind. Apart from these each department is supported by lecture halls, research and training laboratories, workshops and other learning facilitators.

Being a fully residential campus, living and learning go hand-in-hand at BIT Mesra with a wide array of co-curricular activities, hobbies and interactive clubs and societies to choose from. The surest way to merge naturally with BIT's close-knit community is to participate in its proactive social forums and programs that cater to diverse interest groups. In addition to day-to-day events, BIT also holds annual fests on an extravagant scale that are very famous and popular with contemporary fest-hopping crowds.

Students Clubs and Societies

Students Clubs and Societies constitute the core of BIT's campus experience and reflect the quality of excellence outside academic spheres. They serve as common forums to share and promote resources in diverse areas of interest.

Student activity hubs enhance learning by developing valuable personality traits and skills that aid their classroom training. While some bodies provide a strong platform to budding professionals for applying their classroom learning, others are vehicles for showcasing talent and connecting like-minded people. Students clubs and societies are also an excellent platform of interaction between existing students, eminent alumni and professionals in related areas of interest and of building networks while exploring career opportunities.

BIT students also represent world-renowned organizations like UNESCO, SPIC-MACAY and ROTARACT and are proactively involved in their activities.

Clubs and Societies at BIT

- Audio Visual Educational Club (AVEC)
- Bhartiya Sahitya Parishad (BSP)
- Music Club
- Highlander Adventure Club (HAC)
- Engineering Society
- Indian Association for College Going Scientists (IACGS)
- Institute of Electrical Engineers
- Institute of Electrical & Electronics Engineers
- Mechanical Engineering Society
- Organising Body of Students Of Architecture (OBSA)
- Photographic Society

Sports Facilities

BIT campus life accommodates a prolific range of co-curricular activities as part of its daily routine. Apart from ensuring the physical wellbeing of students, it is also essentially a way of life for BIT-ians and helps them come together on numerous occasions in a spirit of healthy rivalry and true sportsmanship. Whether it is a casual face-off between friends, intra-college championships or inter-college tournaments organized on a grand scale, students of BIT have proved their worth in the field of sports time and again.

The Department of Physical Education and sports regularly organizes training camps and courses and is well equipped with appropriate facilities.

BIT's Games and Sports Complex includes:

- Gymnasium
- Stadium for Track & Field events
- Cricket, football and hockey grounds
- Basketball, Volleyball, Tennis and Badminton courts
- Kho - Kho and Kabaddi grounds

Campus Facilities

The well-appointed campus facilities at BIT Mesra serve the manifold needs of BIT community life. It is accepted here that exploring the full potential of student life needs to incorporate parallel methods of learning with provision for complete self-expression.

BIT Mesra is a fully residential campus, providing accommodation to approx. 3200 undergraduate and postgraduate students and 2000 members of the faculty and staff. The main building accommodates lecture halls, research and training laboratories, library, administrative offices etc. covering an area of 30,000 sq. mtrs while the workshop annexure has a covered area of 4,000 sq. mtrs. The laboratories and offices of the Department of Space Engineering & Rocketry comprise a sub-campus that is some distance away from the main building for reasons of security.

The campus has vast expanse of green dotted with facilities for cultural, recreational and sports activities. The campus is in every sense a melting pot for diverse interests, influences and cultures that blend to create the unique strength that represents BIT Mesra.

Residential Campus

The Institute is completely residential with eleven hostels for boys and three separate ones for girls. All student lodging houses are spacious and beautifully laid out amidst a lot of greenery.

Each male-student is provided with well-furnished single-accommodation while girls share their accommodation in spacious and adequately furnished rooms. Individual rooms are constructed in a row with a wide veranda for common use running along the length of passage. Common facilities at the hostel include dining halls and common rooms with provision for several indoor games. The reading room in each hostel subscribes to a large number of magazines, periodicals and newspapers. The entertainment hall in each hostel has a colour television set. Each hostel has an independent mess, completely run and managed by the students themselves.

The hostels are a hub of leisure activities. Students are encouraged to pursue a wide range of extracurricular activities and hobbies in their free time and events both entertaining and competitive are arranged quite frequently. Inter-hostel tournaments of indoor and outdoor games, quizzes, competitions and adventure trips are very popular at BIT Mesra.

The 'Hostel Night' organized by resident students is a memorable yearly event where students interact with the faculty members amidst cultural programs and a lot of fun in a shared mood of festivity.

Other Facilities at the BIT Campus

In addition to on-campus hostel arrangements, students have access to plenty of facilities for learning, recreation as well as sports activities within the grounds of BIT Mesra. The stately campus is self-contained in every sense with well-thought out provisions appointed for every need of the campus residents, be it the students, faculty or other staff members.

Facilities include two auditoriums that can accommodate as many as 2,500 people. This is an ideal venue for cultural events organized by the student community. The Institute has a well-appointed Gymnasium, indoor game facilities and extensive playgrounds for pursuing various outdoor sports. The campus also has two canteens and several other eating options within the premises. As young people mostly prefer to hang out in groups, all the campus eateries are very popular gathering zones. In addition, the Institute maintains three Guest Houses for accommodating guests appropriately.

The Campus has a Shopping Complex and consists of the Co-operative Stores in addition to the stationery shop, tailoring units, cafeterias etc. These provide for the daily requirements of the campus of nearly 5,000 residents. The construction of a full-fledged Marketing Complex and Cooperative Book Store to meet the growing needs of the Campus has recently been completed. Apart from this, the campus also houses a railway reservation counter and post office for the benefit of the residents.

Significant is the on-campus dispensary that provides for several diagnostic procedures and preventive & curative treatments. Emergency cases that require more specialist attention in intensive care facilities are referred either to the local Rajendra Institute of Medical Sciences, Ranchi or to Apollo Hospital Erba, also in Ranchi. A Doctor from the campus Health Centre accompanies the patient in case of an emergency. The Institute maintains a liaison with the doctors of these two hospitals. The campus Dispensary-cum-Health Centre also provides free treatment and supply of medicines to residents of local villages in the region.

Sec-10: Discipline, Rules and 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 conform 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 report signed by attending Physician / Surgeon 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 / obstacle 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 Programs must submit the two completed affidavits [one from candidate and one from parents] at the time of admission. **[for details, please refer Annexure -I].**

Hostel

All students 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 girl 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 Program. Therefore, candidates, for their own satisfaction, are advised to get themselves examined by a registered medical practitioner.

The Institute at Mesra is located in a spacious green campus. There are small forests with a large number of trees - mostly sal trees which are native to Chotanagpur. These sal trees and a number of other trees and plants have their flowering season during mid-February to early April, and this sometimes leads to a large pollen content in the air. It has been noted that some people who are allergic or susceptible to pollen from these sal trees / other plants may develop some health problems / breathing problems or their existing problems may be aggravated during these weeks, as also during some other months of the year when other plants flower. Thus, such candidates who are known to be sensitive or susceptible to pollen from trees or other plants are required to get allergy tests done / take advice from their physicians / a specialist before taking admission at Birla Institute of Technology, Mesra, Ranchi.

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

In Force

Notwithstanding the nature of a Program spread over more than one academic year, the regulations in force at the time a student joins a Program 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.

Annexure – I

Procedure for submission of Anti-ragging Affidavit [during admission]

Step 1:

A student should submit his/her details on the following below mentioned websites:

1. www.antiragging.in OR
2. www.amanmovement.org

Read and confirm that you and your parents/guardians have read and understood the AICTE regulations on curbing the menace of ragging. You should then confirm & agree that you will not engage in ragging in any form.

Step 2:

You will receive an e-mail with your registration number and a web link. You have to forward the link to the Institute Nodal Officer in the below mentioned email ID.

Please note that you will not receive any pdf affidavits and you are not required to print & sign it as used to be the case earlier.

BIT Mesra Nodal Officer: [Rahul Rai](#)

Email Id: antiragging@bitmesra.ac.in