

INFORMATION BROCHURE

for

Admission to
2 Years [4 Semesters] Full-Time M.Tech.,

M.Pharm., MUP & M.Sc. Programs at

Birla Institute of Technology, Mesra



BIRLA INSTITUTE OF TECHNOLOGY

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

MESRA RANCHI – 835215

(Jharkhand)

www.bitmesra.ac.in

CONTACT DETAILS

Campus	Addresses and contact details
Mesra	Dean Admission & Accreditation Coordination OR Controller of Admissions OR Deputy Registrar Admission & Accreditation Coordination Birla Institute of Technology Mesra, Ranchi - 835215 Toll-Free:18003457057, 18003457058 Phone: PBX: 0651-2275444 / 896 / 2276496, Extn 4469, & 2275868 (Direct) E-mail: daac@bitmesra.ac.in , coa@bitmesra.ac.in , dr.aac@bitmesra.ac.in , admissions@bitmesra.ac.in

The addresses and contact details of other Campuses located in India are as given below.

Jaipur	Director Birla Institute of Technology, Jaipur Campus 27, Malviya Industrial Area, Jaipur – 302017 Phone No.: 0141 – 4019819 / 4019798 E-mail: bitjaipur@bitmesra.ac.in
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Important Dates

Filling of online Application Form commences from	09 th May 2022
Last date for submission of Online Application Form	07 th June 2022
Tentative date for notification of schedule for Written Test & Counselling	14 th June 2022
Tentative dates for Written Test and Counselling	05 th -06 th July 2022
Classes will commence tentatively from 1 st week of August 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 Institute website periodically.

Sec 1. Admission to Postgraduate Programs 2022 – An Introduction

The Institute offers the following postgraduate programs at its Mesra Campus. Please see the Institute website for details about the Institute, Departments, including course structures and syllabi, etc. and Other Campuses.

1. **M.Tech. program in various specializations in the following disciplines: [Duration: 2-year/4-semester] at Mesra Campus**

a)	Aerospace Engineering	b)	Biotechnology
c)	Civil Engineering i) Soil Mechanics and Foundation Engineering ii) Structural Engineering	d)	Computer Science and Engineering
e)	Electrical Engineering	f)	Electronics and Communication Engineering
g)	Environmental Science and Engineering	h)	Mechanical Engineering
i)	Production and Industrial Engineering	j)	Remote Sensing

2. **M.Pharm program in the following specializations at Mesra Campus [Duration: 2-year/ 4-semester]**

a)	Pharmaceutical Chemistry	b)	Pharmaceutics
c)	Pharmacology	d)	Pharmacognosy
e)	Pharmaceutical Quality Assurance		

3. **MUP - Master of Urban Planning at Mesra Campus [Duration: 2-year / 4-semester]**

4. **M.Sc. program in the following disciplines at Mesra Campus [Duration: 2-year/ 4-semester]**

a)	Chemistry	b)	Biotechnology
c)	Geo-Informatics	d)	Physics

Sec 2 Eligibility criteria for the M.Tech., M.Pharm., Master of Urban Planning (MUP) and M.Sc. Programs

2 A) Minimum Eligibility Criteria for the M.Tech. programs (MEC - PG1):

1. Candidates must hold EITHER a
 - a). B.E. / B.Tech. / AMIE / MCA / equivalent degree in the appropriate disciplines / branches mentioned below for the respective courses, with a minimum 55% marks in average (50% for SC/ST) in graduation / MCA.
OR
 - b). M.Sc. / M.A. degree or equivalent in the appropriate disciplines / branches mentioned below for the respective courses with 55% (50% for SC/ST), after graduating with a Bachelor's Degree or equivalent qualification in 10+2+3 system from a recognized University.
2. Candidates should preferably be GATE 2020 / GATE 2021 / GATE 2022 qualified. Non-GATE candidates may also apply. However, their applications will be considered only after applicants who have qualified in GATE have been considered for admission.
3. Candidates appearing for final examinations of their Bachelor's program in 2022 can also apply and if selected can join the program provisionally. At the time of the Test & counselling / interview they must bring a certificate in original from the Principal of Institute stating that:
 - a) by 30 June 2022, he/she will have appeared for examination in all subjects required for obtaining his/her Bachelor's degree.
 - b) He/she has obtained requisite marks [55% (50% for SC/ST) upto pre-final year / semester] or equivalent based on latest available grades / marks.

Provisionally selected candidates will be required to sign an undertaking at the time of admission on Non-Judicial Stamp Paper of Rs. 20/- (as format given in Annexure -I).

Further, their admission will be confirmed only when they submit the mark sheet and a certificate of having passed the Bachelor's degree / equivalent qualification with at least 55% marks (50% in case of SC/ST). They must submit proof of passing their final examinations with requisite marks by 31 October 2022. Non-fulfillment of this condition will automatically result in the cancellation of the provisional admission.

4. Candidates with qualifications acquired through correspondence or distance-learning programs are eligible only if (a) the programs are recognized by the tripartite panel of AICTE-UGC-DEC, (b) they have passed the qualifying examination at the time of applying, with minimum 55% marks in average (50% for SC/ST) calculated as per item (1) above. They must bring the original pass certificate, marksheets of qualifying examination and proof that the program is recognized by the AICTE-UGC-DEC in letter head of the Institute / College / University with their application form at the time of reporting for test & counselling / interview. [Appearing candidate in distance learning programs, whose results are yet to be declared, are not eligible to apply].

Please see Selection Procedures for details. Please also see footnote below.

Notes:

1. 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>).
2. In case any Board / University awards grades instead of marks, the calculation of equivalent marks would be based on the procedure prescribed by the Board / University. In case a University does not have any scheme for converting CGPA into equivalent marks, the equivalence would be established by dividing obtained CGPA with the maximum possible CGPA and multiplying the resultant with 100.
3. At any level of the studies [class X, class XII or graduation], a candidate / applicant must have passed all the required subjects at that level from the same board/ University.

M.Tech. Programs at Mesra Campus:

Other Criteria in addition to the Minimum Eligibility Criteria (MEC - PG1) above:

Department offering the course	M.Tech. Program	Specialization(s) offered	Eligible Branches	GATE Scholarships available
Space Engineering & Rocketry	Aerospace Engineering	-	B.E. / B.Tech. in Aeronautical Engineering/Aerospace Engineering/ Automobile Engineering/ Mechanical Engineering/Metallurgical Engineering/ Chemical Engineering/Polymer Engineering/ Civil Engineering/ Production and Industrial Engineering/Manufacturing Engineering/ Production Engineering/A.M.Ae.S.I./A.M.I.E./A.M.I.Ch.E.or equivalent	Available
Bio-Engineering	Biotechnology		B.E. / B.Tech. in Biotechnology/ Biochemical Engineering / Chemical Engineering / Food Technology / B. Pharm or equivalent OR M.Sc. in Biotechnology / Biochemistry / Microbiology / Plant Biotechnology	Available
Computer Science & Engineering	Computer Science & Engineering		B.E. / B.Tech. in Computer Science/ Information Technology / Electronics / Electrical or equivalent OR MCA or M.Sc. in Computer Science / Information Technology / Electronics or equivalent with Mathematics at Graduate level	Available
Civil & Environmental Engineering	Civil Engineering	a) Soil Mechanics & Foundation Engineering	B.E. / B.Tech. in Civil Engineering	Available
		b) Structural Engineering	B.E. / B.Tech. in Civil Engineering	Available
	Environmental Science & Engineering	-	B.E./ B.Tech. or equivalent in any branch of Engineering OR M.Sc. in Environmental Sciences or equivalent degree in any branch of Life Sciences and Biological Sciences	Available
Electrical & Electronics Engineering	Electrical Engineering	-	B.E/ B.Tech. in Electrical and Electronics Engineering/Electrical Engineering/Electronics Engineering/ Electrical and Instrumentation Engineering/Instrumentation and Control or Equivalent	Available
Electronics & Communication Engineering	Electronics & Communication Engineering		B.E. / B.Tech. in Electronics & Communication /Electronics & Instrumentation/ Computer Science and Engineering or equivalent OR M.Sc. Physics (Specialization in Electronics) / Electronics / Radio Physics and Electronics, MSc in Computer science also can apply for VLSI and Enbeded system specialization	Available

Postgraduate Programs 2022 at its Mesra Campus

Mechanical Engineering	Mechanical Engineering	-	B.E. / B.Tech. in Mechanical Engineering / Production and Industrial Engineering / Energy / Aeronautical Engineering/ Aerospace Engineering/ Mechatronics OR AMIE in Mech Engineering/Aerospace Engineering OR Any other relevant field	Available
Production and Industrial Engineering	Production and Industrial Engineering	-	B.E. / B.Tech. in Production Engineering /Manufacturing Engineering/ Mechanical Engineering/ Industrial Engineering / Electronics & Communication Engineering/ Computer Science Engineering / Mechatronics / Electrical Engineering	Available
Remote Sensing	Remote Sensing	-	a) B.E. / B.Tech. in any branch of Engineering or B.Arch., OR b) Masters degree in Agriculture / Atmospheric Sciences / Botany / Climatology / Chemistry / Computer Applications / Computer Science / Disaster Management / Electronics / Environmental Science / Fisheries / Forestry / Geography / Geology / Geophysics / Geo- Informatics / GIS / Information Science / Mathematics / Meteorology / Oceanography / Physics / Remote Sensing / Soil Science / Statistics / Town Planning / Zoology / allied disciplines. c) Candidates must have stereoscopic vision and normal colour vision.	Available

Note:

- a) Candidates admitted in M.Tech. programs with valid GATE 2020 / GATE 2021 / GATE 2022 score will be considered to receive scholarships only if approved and amount released by the funding agency.
- b) In addition to the above, upto 20 % of tuition fee waiver may be awarded to GATE qualified candidates having GATE score better than 90 percentiles.
- c) The financial assistance to few deserving Non-GATE students shall be offered for 10 months (in 3rd and 4th semesters) @ Rs. 6500/- per month completing first two semesters without any backlog and securing CGPA ≥ 8 in each semester.

2 B) Minimum Eligibility Criteria for the M.Pharm. program (MEC - PG2):

- Candidates must hold a B.Pharm. degree from a PCI and AICTE approved Institute. Candidates must have minimum 55% marks in average (50% for SC/ST) in graduation.
Candidates should preferably be GPAT 2020 / GPAT 2021 / GPAT 2022 qualified. Non-GPAT candidates may also apply. However, their applications will be considered only after applicants who have qualified in GPAT have been considered, admitted (for details, please see the selection procedure).
- Candidates appearing for final examinations of their Bachelor's program / qualifying examination in 2022 can also apply and if selected can join the program provisionally. At the time of the counselling they must bring a certificate in original from the Principal of Institute stating that:
 - by 30 June 2022, he/she will have appeared for examination in all subjects required for obtaining his/her Bachelor's degree.
 - He/she has obtained requisite marks [55% (50% for SC/ST) upto pre-final year / semester] or equivalent based on latest available grades / marks.

Provisionally selected candidates will be required to sign an undertaking at the time of admission on Non-Judicial Stamp Paper of Rs. 20/- (as format given in Annexure -I).

Further, their admission will be confirmed only when they submit the mark sheet and a certificate of having passed the Bachelor's degree / equivalent qualification with at least 55% marks (50% in case of SC / ST). They must submit proof of passing their final examinations with requisite marks by 31 October 2022. Non-fulfillment of this condition will automatically result in the cancellation of the provisional admission.

Please see Selection Procedures for details. Please also see footnotes below.

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 / University awards grades instead of marks, the calculation of equivalent marks would be based on the procedure prescribed by the Board / University. In case a University does not have any scheme for converting CGPA into equivalent marks, the equivalence would be established by dividing obtained CGPA with the maximum possible CGPA and multiplying the resultant with 100.
- At any level of the studies [class X, class XII or graduation], a candidate / applicant must have passed all the required subjects at that level from the same board/ University.

Other Criteria in addition to the Minimum Eligibility Criteria (MEC – PG2) above:

Name of the Department	Specialization(s) offered	Eligibility	GPAT Scholarship available
Pharmaceutical Science & Technology	M.Pharm in a) Pharmaceutics b) Pharmaceutical Chemistry c) Pharmacology d) Pharmacognosy e) Pharmaceutical Quality Assurance	Candidate must hold a B.Pharm. degree from PCI & AICTE approved Institute	Available

Note:

- The candidates admitted in M.Pharm. program with valid GPAT 2020 / GPAT 2021 / GPAT 2022 score will be considered to receive scholarships only if approved and amount released by the funding agency.
- The financial assistance to few deserving Non-GPAT students shall be offered for 10 months (in 3rd and 4th semesters) @ Rs. 6500/- per month completing first two semesters without any backlog and securing CGPA \geq 8 in each semester.

2 C) Minimum Eligibility Criteria for Master in Urban Planning (MUP) program (MEC – PG3):

1. Candidates must hold EITHER a
 - a) B.Arch / B.Planning or equivalent or B.E. in Civil Engineering with minimum 55% marks in average (50% for SC/ST) in graduation.
OR
 - b) M.A. / M.Sc. degree or equivalent in Geography, Economics, Sociology or Statistics with 55% marks (50% for SC/ST) after graduating with a Bachelor's Degree or equivalent qualification in 10+2+3 system from a recognized University

Candidates should preferably be GATE 2020 / GATE 2021 / GATE 2022 qualified. Non-GATE candidates may also apply. However, their applications will be considered only after applicants who have qualified in GATE have been considered, admitted.

2. Candidates appearing for final examinations in 2022 can also apply and if selected can join the program provisionally. At the time of the counselling they must bring a certificate in original from the Principal of Institute stating that:
 - a) by 30 June 2022, he/she will have appeared for examination in all subjects required for obtaining his/her qualifying degree.
 - b) he/she has obtained requisite marks or equivalent based on latest available grades/marks.

Provisionally selected candidates will be required to sign an undertaking at the time of admission on Non-Judicial Stamp Paper of Rs. 20/- (as format given in Annexure -I).

Further, their admission will be confirmed only when they submit the mark sheet and a certificate of having passed the qualifying examination with requisite marks. They must submit proof of passing their final examinations with requisite marks by 31 October 2022. Non-fulfillment of this condition will automatically result in the cancellation of the provisional admission.

3. Candidates with qualifications acquired through correspondence or distance-learning programs are eligible only if (a) the programs are recognized by the DEC-IGNOU for M.A./M.Sc. and tripartite panel of AICTE-UGC-DEC for others, (b) they have passed the qualifying examination at the time of applying, with minimum requisite marks, calculated as per item (1) above. They must carry original pass certificate, marksheets of qualifying examination and proof that the program is recognized by the DEC-IGNOU for M.A./M.Sc. and tripartite panel of AICTE-UGC-DEC for others in letter head of the Institute / College / University with their application form at the time of reporting for test & counselling / interview. [Appearing candidate in distance learning programs, whose results are yet to be declared, are not eligible to apply].

Please see Selection Procedures for details. Also see footnote below.

Notes:

1. 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](http://www.aiuweb.org)).
2. In case any Board / University awards grades instead of marks, the calculation of equivalent marks would be based on the procedure prescribed by the Board / University. In case a University does not have any scheme for converting CGPA into equivalent marks, the equivalence would be established by dividing obtained CGPA with the maximum possible CGPA and multiplying the resultant with 100.
3. At any level of the studies [class X, class XII or graduation], a candidate / applicant must have passed all the required subjects at that level from the same board/ University.

Other Criteria in addition to the Minimum Eligibility Criteria (MEC – PG3) above:

Program (Department)	Qualifying Examinations / Disciplines Eligible	GATE Scholarship
Master in Urban Planning (MUP) (Architecture and Planning)	B. Arch / B. Planning or equivalent / B.E. Civil with 55% marks in aggregate (50% for SC/ST), OR M.A. / M.Sc. Geography, Economics, Sociology or Statistics with 55% marks (50% for SC/ST)	Available

Note:

- a) Candidates admitted in M.Tech. programs with valid GATE 2020 / GATE 2021 / GATE 2022 score will be considered to receive scholarships only if approved and amount released by the funding agency.
- b) In addition to the above, upto 20 % of tuition fee waiver may be awarded to GATE qualified candidates having GATE score better than 90 percentiles.
- c) The financial assistance to few deserving Non-GATE students shall be offered for 10 months (in 3rd and 4th semesters) @ Rs. 6500/- per month completing first two semesters without any backlog and securing CGPA ≥ 8 in each semester.

2 D) Minimum Eligibility Criteria for the M.Sc. programs offered at BIT Mesra (MEC – PG4):

- Candidates must hold a Bachelor's Degree or equivalent qualification of any of the Universities incorporated by an act of the central or state legislatures in India or other educational institutions established by an act of Parliament or declared to be deemed as a University under section 3 of UGC Act, 1956, or possess an equivalent qualification recognized by the Ministry of HRD, Government of India / AIU. This degree must entail a minimum of three years of education after completing higher secondary schooling [Class 12 or equivalent] (10+2+3 system).
- Candidates of B.Sc. / B.A. Honours must have minimum 55% marks in average (50% for SC/ST) in their Honours subject. Candidates of other graduate courses must have minimum 55% marks in average (50% for SC/ST) in graduation.
Candidates should preferably have JAM / CUET 2022 scores. Non-JAM / CUET candidates may also apply. However, their applications will be considered only after applicants who have JAM / CUET scores have been considered, admitted.
- Candidates appearing for final examinations of their Bachelor's program in 2022 can also apply and if selected can join the program provisionally. At the time of the counselling they must bring a certificate in original from the Principal of Institute stating that:
 - by 30 June 2022, she/he will have appeared for examination in all subjects required for obtaining his/her qualifying degree.
 - He/she has obtained requisite marks or equivalent based on latest available grades / marks.

Provisionally selected candidates will be required to sign an undertaking at the time of admission on Non-Judicial Stamp Paper of Rs. 20/- (as format given in Annexure -I).
Further, their admission will be confirmed only when they submit the mark sheet and a certificate of having passed the Bachelor's degree / equivalent qualification with at least 55% marks (50% in case of SC/ST). They must submit proof of passing their final examinations with requisite marks by 31 October 2022. Non-fulfillment of this condition will automatically result in the cancellation of the provisional admission.
- Candidates with qualifications acquired through correspondence or distance-learning programs are eligible only if (a) the programs are recognized by the DEC-IGNOU, (b) they have passed the qualifying examination at the time of applying, with minimum 55% marks in average (50% for SC/ST) calculated as per item (2) above. They must carry original pass certificate and marksheets of qualifying examination with their application with their application form at the time of reporting for counselling. [Appearing candidate in distance learning programs, whose results are yet to be declared, are not eligible to apply].

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 / University awards grades instead of marks, the calculation of equivalent marks would be based on the procedure prescribed by the Board / University. In case a University does not have any scheme for converting CGPA into equivalent marks, the equivalence would be established by dividing obtained CGPA with the maximum possible CGPA and multiplying the resultant with 100.
- At any level of the studies [class X, class XII or graduation], a candidate / applicant must have passed all the required subjects at that level from the same board/ University.

Other Criteria in addition to the Minimum Eligibility Criteria (MEC – PG4) above

S.No.	M.Sc. Program (With Department Offering the course)	Qualifying Examinations / Disciplines Eligible
1	Biotechnology (Bio-Engineering)	B.Sc. with Biotechnology / Physical / Chemical / Biological / Agricultural / Pharmaceutical or equivalent
2	Chemistry (Chemistry)	B.Sc. with Chemistry
3	Geoinformatics (Remote Sensing)	a) Graduate in Agriculture / Atmospheric Sciences / Botany / Chemistry / Computer Applications / Computer Science / Disaster Management / Ecology & Environmental Sciences / Fisheries / Forestry / Geography / Geology / GIS / Information Science / Mathematics / Oceanography / Physics / Soil Science / Statistics / Town Planning / Zoology / allied disciplines. b) Candidates must have stereoscopic vision and normal colour vision.
4	Physics (Physics)	B.Sc. Honours with Physics, Chemistry, Mathematics or Physics, Chemistry, Statistics or equivalent

The financial assistance to few deserving students (not availing any scholarship) shall be offered for 10 months (in 3rd and 4th semesters) @ Rs. 6500/- per month completing first two semesters without any backlog and securing CGPA \geq 8 in each semester.

Sec 3. How to Apply

How to Apply:

1. To fill online application form, click on the link “CLICK HERE TO 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].
3. Pay application fee of Rs.1,500/- (General / OBC candidates) and Rs.1,000/- (SC/ST candidates) through ICICI payment Gateway (candidates may use net banking / debit card / credit card of any nationalized bank) till the last date of application process. **Fee once remitted shall not be refunded.**
4. Candidates should proceed to fill the Online Application Form only after they satisfy themselves that they fulfill all the eligibility criteria.

Notes:

1. The candidates can use one application form for applying multiple courses within the Department, subject to fulfilling the eligibility conditions.
2. Please use separate application form(s) for applying two or more programs such as M.Tech. (EE), M.Tech. (ECE), M.Tech. (CSE) etc.
3. **Written Test / Counselling schedules (wherever applicable) for the above programs will be announced by 14th June 2022, only on Institute website. Candidates are advised to visit the Institute website periodically for updates and any other matter pertaining to the admission procedures.**
4. Candidates appearing for their final examinations in 2022 can also apply, and if selected can join the program provisionally. Provisionally selected candidates will be required to sign an undertaking at the time of admission on Non-Judicial Stamp Paper of Rs. 20/- to the effect that if they fail to obtain the requisite marks in graduation / postgraduation their admission will be cancelled. The deadline for submission of mark-sheet / degree certificate is **31 October 2022**, failing which the provisional admission will liable to be cancelled. **(Please refer Annexure-I for format of the above undertaking).**

Sec 4. Selection Procedures and Required list of Documents

(A) Selection Procedures for the M.Tech. and MUP programs:

GATE qualified candidates: Provisional selections to the M.Tech. and MUP programs will be based on scores obtained in GATE 2020 / GATE 2021 / GATE 2022 and Academic performance, provided that the candidates fulfill the eligibility criteria mentioned in Sec – 2A & 2C.

Non-GATE candidates: Provisional selections of Non-GATE candidates will be based on written test and Academic performance, provided that the candidates fulfill the eligibility criteria mentioned in Sec – 2A & 2C. However, their admission will be considered only after applicants who have qualified in GATE 2020 / GATE 2021 / GATE 2022 have been considered and admitted, subject to the availability of seats. There will be no scholarships for these candidates. Syllabus of the test will be same as for GATE [80% weightage would be given to Written test and 20% weightage on Interview].

(B) Selection Procedures for the M.Pharm program:

GPAT Qualified candidates: Provisional selections to the M.Pharm. program in Pharmaceutical Chemistry, Pharmaceutics, Pharmacognosy, Pharmacology and Pharmaceutical Quality Assurance will be based on scores obtained in GPAT 2020 / GPAT 2021 / GPAT 2022 and Academic performance, provided that the candidates fulfill the eligibility criteria mentioned in Sec 2B.

Non-GPAT candidates: Provisional selections of Non-GPAT candidates will be based on written test and Academic performance, provided that the candidates fulfill the eligibility criteria mentioned in Sec-2B. However, their admission will be considered only after applicants who have qualified in GPAT 2020 / GPAT 2021 / GPAT 2022 have been considered and admitted, subject to the availability of seats. There will be no scholarships for these candidates. Syllabus of the test will be same as for GPAT [80% weightage would be given to Written test and 20% weightage on Interview].

(C) Selection Procedures for the M.Sc. programs:

JAM / CUCET candidates: Provisional selections to the M.Sc. programs will be based on JAM /CUCET 2022 score and Academic performance.

Non-JAM / CUCET candidates: Provisional selections of Non- JAM / CUCET candidates will be based on Written test and Academic performance, provided that the candidates fulfill the eligibility criteria mentioned in Sec-2E. However, their admission will be considered only after applicants who have **JAM / CUCET 2022 scores** have been considered and admitted, subject to the availability of seats. There will be no scholarships for these candidates. Syllabus of the test will be same as for JAM / CUCET [80% weightage would be given to Written test and 20% weightage on Interview].

Note:

1. Provisional selection lists, along with procedures for admissions, will be notified the day after the counselling, on the Institute website.
2. Provisionally selected candidates will be required to take admission by the date given, failing which vacant seats may be allotted to waitlisted candidates, if any. The list of waitlisted candidates will also be announced on Institute website.

Thus, candidates are advised to visit our Institute website <http://www.bitmesra.ac.in> periodically for updates/ any other matters related to admission procedures.

Cancellation of Admission Offer:

The admission of a candidate will be automatically cancelled,

- a). if any information provided in the application form is found incorrect or missing.
- b). those who fail to submit the marksheet of equivalent qualifying examination in time as stipulated.

Required list of Documents

Candidates must carry the originals of the following documents at the time of reporting for counselling and admission, as well as one set of photocopies:

1. Pass certificate of Class 10 for proof of age
2. Marksheet of Class 10
3. Marksheet of Class 12 / Intermediate or equivalent
4. Certificates and marksheets of Graduation / qualifying examination

OR

Marksheets upto pre-final year for appearing candidates of graduation / qualifying examination in 2022. They must bring a certificate in original from the Principal of Institute stating that:

- c). by 30 June 2022, he/she will have appeared for examination in all subjects required for obtaining his/her qualifying degree.
 - d). He/she has obtained requisite marks or equivalent based on latest available grades / marks.
5. Candidates with qualifications acquired through correspondence or distance-learning programs must carry proof of pass certificate, marksheets of qualifying examination and approval of DEC (Distance Education Council).
 6. GATE 2020 / GATE 2021 / GATE 2022 Admit card and Score card for M.Tech. and MUP programs (if applicable).
 7. GPAT 2020/ GPAT 2021 / GPAT 2022 Admit card and Score card for M.Pharm. program (if applicable)
 8. JAM / CUCET 2022 Admit card and Score card for M.Sc. program (if applicable)
 9. Caste certificate / special category certificate (if applicable) should be in proper format and signed by appropriate authority.
 10. GPA to Percentage Conversion formula duly attested by Head of the Institute/ Principal/ HOD (in case, procedure for calculation of percentage of marks not mention on marksheet).
 11. One passport size photograph, identical to the photograph uploaded during filling of online application form.
 12. Photo identification: (Driving license, Passport, PAN Card, Voter ID, Aadhaar Card, College ID, Employee Identification Card are acceptable).
 13. College Leaving Certificate
 14. Migration Certificate

They should also carry a photocopy of their duly completed form.

Documents required at the time of admission:

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

Note: Eligible SC/ST and PwD students admitted to above programs 2022 at its Mesra campus, should submit their scholarship form in the Office of Registrar, for the academic year by February for processing scholarship to SC/ST and PwD students each year, as per UGC guidelines.

Sec 5. Number of Seats, Scholarships and Reservations

Number of seats:

Programs	Total Seats
(A) M.Tech. Programs (2 years/4 Semesters) at Mesra Campus	
Aerospace Engineering	24
Biotechnology	18
Civil Engineering (Soil Mechanics & Foundation Engineering – 12, Structural Engineering –12)	24
Computer Science & Engineering	30
Electrical Engineering	30
Electronics & Communication	30
Environmental Science & Engineering	18
Mechanical Engineering	24
Production and Industrial Engineering	12
Remote Sensing	24

(C) M. Pharm Program (2 years/ 4 Semesters) at Mesra	
M. Pharm (Pharmaceutics-15, Pharmaceutical Chemistry-15, Pharmacology-15, Pharmacognosy – 15, Pharmaceutical Quality Assurance -15)	75
M. Pharm. Programme under AICTE Q.I.P.	8

(D) Master of Urban Planning (MUP) Program (2 years /4 Semesters) at Mesra 18

(E) M.Sc. Programs# (2 years/ 4 Semesters)	Total Seats
M.Sc. in Biotechnology	30
M.Sc. in Chemistry	15
M.Sc. in Geoinformatics	20
M.Sc. in Physics	15

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

Scholarships:

- Candidates admitted in M.Tech. or MUP program with valid GATE 2020 / GATE 2021 / GATE 2022 score and M.Pharm. program with valid GPAT 2020 / GPAT 2021 / GPAT 2022 score will be considered to receive scholarships only if approved and amount released by funding agency.
- In addition to the above, upto 20% fee waiver may be awarded to the candidates admitted in M.Tech. or MUP program having GATE score better than 90 percentile.
- The financial assistance to few deserving (Non-GATE/Non-GPAT Not availing any fellowship) students shall be offered for 10 months (in 3rd and 4th semesters) @ Rs. 6500/- per month completing first two semesters without any backlog and securing CGPA ≥ 8 in each semester.

Reservations:

1. For all programs at the Institute which are supported by any of the respective State Governments, the reservation criteria for the state quota are as per the norms of the respective State Government.
2. For all other programs 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 at all campuses in each program is reserved for candidates who are Sons or Daughters of Kashmiri Migrant who otherwise have qualified for admissions.
5. Upto 10% seats (over and above of sanction intake) at all Campuses are reserved for candidates belonging to Economically Weaker Section (EWS).
6. At Mesra Campus 50% of the total seats are reserved for Home State candidates and remaining 50% of the total seats are distributed in the rest of the states. The domicile of a candidate for the purpose shall be determined based on place of passing his/her qualifying examination (the location of his/her Institute).

[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.

Sec 6. Financial Information

Fees payable for 2022-23 Batch Students

Fees payable for M.Tech. and MUP Programs at its Mesra Campus in each subsequent semester

Particulars	1st Sem	2nd Sem	3rd Sem	4th Sem
Tuition Fee	101500	101500	112000	112000
Development Fee	7500	7500	8000	8000
Institute Exam Fee	6500	6500	7000	7000
Total:	115500	115500	127000	127000

Hostel Seat Rent, Electricity and Transport etc.	19000	19000	21000	21000
G. Total:	134500	134500	148000	148000

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

Fees payable for M.Pharm. Program at its Mesra Campus in each subsequent semester

Particulars	1st Sem	2nd Sem	3rd Sem	4th Sem
Tuition Fee	111500	111500	123500	123500
Development Fee	8000	8000	8500	8500
Institute Exam Fee	6500	6500	7000	7000
Total :	126000	126000	139000	139000

Hostel Seat Rent, Electricity and Transport etc.	19000	19000	21000	21000
G. Total:	145000	145000	160000	160000

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

Notes:

- Hostel mess charges at Mesra Campus will be 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”.
- Pay Institute fee (for 1st semester), using ICICI Payment Gateway through debit / credit card and net banking of any nationalized bank. [URL of payment gateway will be shared in applicant email ids during admission].
- 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.

Financial Information and fees payable 2022

(I) Fee payable at the time of admission and in each subsequent semester for M.Sc. in Chemistry and Physics programs at its Mesra Campus

Particulars	1st Sem	2nd Sem	3rd Sem	4th Sem
Tuition Fee	58500	58500	65500	65500
Development Fee	4000	4000	4500	4500
Institute Exam Fee	7000	7000	7500	7500
Total:	69500	69500	77500	77500

Hostel Seat Rent, Electricity and Transport etc.	19000	19000	21000	21000
G. Total:	88500	88500	98500	98500

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

(II) Fee payable at the time of admission and in each subsequent semester for M.Sc. in Biotechnology, and Geo-informatics programs at its Mesra Campus

Particulars	1st Sem	2nd Sem	3rd Sem	4th Sem
Tuition Fee	74000	74000	81500	81500
Development Fee	5000	5000	5500	5500
Institute Exam Fee	6500	6500	7000	7000
Total:	85500	85500	94000	94000

Hostel Seat Rent*, Electricity and Transport etc.	19000	19000	21000	21000
G. Total:	104500	104500	115000	115000

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

Notes:

- Hostel mess charges at Mesra Campus will be 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”.
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- 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. Placement

The Campus Recruitment Programme of BIT Mesra has, for more than three decades, successfully met the needs of IT Professionals of different IT Industry. The Training & Placement (T&P) Division maintains a steady rapport with the partnering organisations and sometimes several organisations prefer to contact through on-line registration modules on the official website of the institute. In addition to T&P activities, the division is also engaged in organising placement seminars and workshops, conducting training programs and guest lectures by industry captains and alumni of our institute. The T&P division is equipped with well-trained experienced executives and staff as well as devoted student coordinators who take active part to conduct the placement process efficiently. Moreover, our well established and accomplished alumni play a very important role for making the process robust. Every year a good number of companies visit the Institute for placement and internships for our students.

A few of leading recruiters visited in last couple of years for ME / M.Tech. are National Payment Corporation (NPCI), Cognizant, Wipro, IBM, Infosys, Sapient, NIIT University, Aakash Institute, Frost and Sullivan, Collabera, Deloitte Consulting India Pvt Ltd, Federal Bank, Oracle- OFSS, Affine Analytics etc.

Few of leading recruiters visited in the last couple of years for M.Pharma are Nova Nordisk Pharma, Dr. Reddy's, Mylan, Torrent Pharma, DDreg Pharma, Troikaa Pharma, Sun Pharma, Macleods Pharma etc..

Few of the leading recruiters visited in the last couple of years for M.Sc. Azim Premji Foundation, Aakash Institute, Avanti Learning, Cognizant, Infosys, Shivalik College of Engineering, OCL India ltd, Novartis, Deloitte Consulting India Pvt Ltd, Byjus, Pricewaterhouse Coopers (Pwc), ADROSONIC IT Consultancy Services Pvt Ltd, etc.

Sec 8. 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 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 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 programs must submit the two completed affidavits [one from candidate and one from parents] at the time of admission. [for details, please refer Annexure -II].

Hostel

Hostel facilities are provided only at Mesra & Patna Campuses. All students admitted at Mesra and Patna 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 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

Format of undertaking for candidates appearing for final examinations in 2022

Format of Undertaking to be typed and submitted on Non- Judicial stamp Paper, signed by Public Notary, at the time of admission, by those candidates who are provisionally selected for the Postgraduate Programs of the Institute, and who are appearing for their final examinations in 2022.

Please fill in all blanks, select relevant items, and delete whatever is not applicable.

- I, _____ son/daughter of _____ resident of _____ P.S. _____ Dist. _____ hereby declare that I am fully aware that minimum marks for admission to the M.Tech / M.Pharm / MUP / M.Sc. Program in _____ of the Birla Institute of Technology is % (____% for SC/ST) in Honours / aggregate of all subjects in all years in graduate/postgraduate level (qualifying examination) and therefore I shall be disqualified for admission to the above Program of Birla Institute of Technology, if I do not secure minimum _____ % (____% for SC/ST) in Honours / aggregate of all subjects in all years in graduate / postgraduate level or equivalent eligibility qualification (qualifying examination).
- I belong to SC / ST / OBC / General category (strike out whichever is not applicable)
- I do hereby undertake that since I have been provisionally allowed to appear in the selection procedure to above Postgraduate Program although results of my graduate / postgraduate /equivalent eligibility qualifying examination has not yet been published, I shall not insist on extension / conversion of the provisional admission, if
 - I fail to secure minimum _____ % (____% for SC/ST) in Honours / aggregate in all subjects in all the years in such graduation/postgraduation or equivalent eligibility qualifying examination, or
 - I fail to produce the official result by the 31st October 2022.
- I undertake that all the certificates / documents submitted by me are authentic and are issued by competent authority.
- I undertake that if at any time during the program I am found not to be eligible for admission for not having required marks in graduation / postgraduation, my admission shall be cancelled.

Counter Signed

(Guardian)
Name & Address in Block Capitals
Name _____

Address _____

(Applicant)
Name & Address in Block Capitals
Name _____

Address _____

Annexure – II

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

Step 1:

A student should submit his/her details on the following below mentioned web sites

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