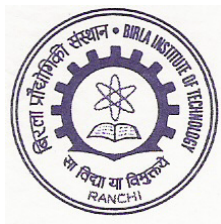


POSTGRADUATE INFORMATION BROCHURE – 2010

for

Admission to the following Postgraduate Programmes

M.E. in various disciplines & specializations at Mesra
M. Pharm in various specializations at Mesra
M. Tech in various disciplines at Mesra
Master of Urban Planning (Town Planning) at Mesra
M.Sc. in various disciplines at Mesra, Kolkata and Lalpur
M.S. Clinical Research & Pharmacovigilance at Mesra
PG Diploma in Bioanalytical Techniques at Mesra
PG Diploma in Pharmacovigilance at Mesra
Master of Transportation Planning & Management at Mesra



BIRLA INSTITUTE OF TECHNOLOGY

Deemed University under section 3 of UGC Act 1956

Mesra, Ranchi – 835215

Jharkhand, India

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

The Postgraduate Information Brochure 2010 covers admission to the following postgraduate programmes of the Birla Institute of Technology:

1. M. E. programmes in various disciplines & specializations at Mesra
2. M. Pharm programme in various specializations at Mesra
3. M. Tech programmes in various disciplines at Mesra
4. Master of Urban Planning (Town Planning) – MUP at Mesra
5. M.Sc. programmes in various disciplines at Mesra
6. M.Sc. programme in Bio-Informatics at Kolkata
7. M.Sc. programme in Information Technology (for girls only) at Lalpur
8. M.S. Clinical Research & Pharmacovigilance at Mesra
9. PG Diploma in (a) Bioanalytical Techniques, (b) Pharmacovigilance at Mesra
10. Master of Transportation Planning & Management at Mesra

The addresses and contact details of the concerned Centres where the above programmes are offered are given below.

Centre	Addresses and contact details
Mesra	Dean Admissions, Birla Institute of Technology, Mesra, Ranchi 835215 Phone: PBX: 0651-2275444 / 896, Extn 469, & 2275868 (D) Fax: 0651- 2275401, 2276007 http://bitmesra.ac.in , e-mail: admissions@bitmesra.ac.in
Kolkata	Director, Birla Institute of Technology Extension Centre Southend Conclave, 1582, Rajdanga Main Road, 4th Floor (On Gariahat - E M bypass Connector, opposite Siemens Building) Kolkata 700107, Phone: 033 – 24414542 / 24414456, Fax: 24414299 http://kolkata.bitmesra.ac.in , e-mail: bitkolkata@bitmesra.ac.in
Lalpur	Director, Birla Institute of Technology Extension Centre Lalpur, Ranchi 834001, Phone: 0651–2531817 / 2531676, Fax: 2531658 / 2531676 http://lalpur.bitmesra.ac.in , e-mail: bitlalpur@bitmesra.ac.in

The addresses and contact details of other Centres are as given below.

Allahabad	Director, Birla Institute of Technology Extension Centre B-7, Industrial Area, P.O. TSL Naini, Allahabad 211010 Phone: 0532– 2686668 / 2687363, Fax: 2687554 City Office: 14 Tagore Town, Allahabad 211002, Phone: 2465518 http://allahabad.bitmesra.ac.in , e-mail: bitallahabad@bitmesra.ac.in
Deoghar	Director, Birla Institute of Technology Extension Centre P.O. – Ratanpur, Jasidih Dist. Deoghar, 814142, Jharkhand Phone: 9334654856 / 9308139037, Telefax: 06432-292565, http://deoghar.bitmesra.ac.in , e-mail: bitdeoghar@bitmesra.ac.in
Jaipur	Director, Birla Institute of Technology Extension Centre 27, Malviya Industrial Area, Jaipur 302017 Phone: 0141– 4019798 / 4019812, Fax: 2751601, http://jaipur.bitmesra.ac.in , e-mail: bitjaipur@bitmesra.ac.in
Noida	Director, Birla Institute of Technology Extension Centre A-7 Sector-1, Noida 201301 Phone: 0120 – 2543484 / 2553661 / 3662, Fax: 2554146 http://noida.bitmesra.ac.in , e-mail: bitnoida@bitmesra.ac.in
Patna	Director, Birla Institute of Technology Extension Centre Near Patna Airport, P.O. Bihar Veterinary College, Patna 800014 Phone: 0612- 2223545, 3200853, Fax: 2223545, http://patna.bitmesra.ac.in , e-mail: bitpatna@bitmesra.ac.in

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IMPORTANT DATES:

Application Form for PG 2010 available on website from: 26 May 2010

Last date for receipt of completed forms for all programmes at Mesra: 22 June 2010

Notes:

- Download and print the application form on our website. Send completed application form with all required enclosures (see List of Enclosures), in a stout A4 size envelope by reliable courier / Speedpost / Registered Post to office of the Dean Admissions, Birla Institute of Technology, Mesra, Ranchi – 835215, preferably well before the due date. Applications reaching us after the due date are liable to be rejected / may not be processed.** Write “Application for PG 2010 on top of the envelope”.
- You may use one application form to apply for ONLY one programme – M.E. or M. Pharm or M. Tech or MUP or M.Sc., etc, and ONLY one discipline within that programme – for example only M.E. in Mechanical or only M. Tech in Computer Science or only M.Sc. in Bioinformatics
- However, one application form can be used to apply for various specializations within some M.E. programmes and within the M. Pharm programme, and in the case of M.Sc. programme in Bioinformatics, you may also use one application form to apply for different Places for Study, in order of preference
- Please use separate application form(s) to apply for two or more programmes**
- All candidates in their own interest should keep photocopies of their completed forms for their own reference

Sec 1. Admission to Postgraduate Programmes 2010 - an Introduction and How to Apply

The Institute offers the following postgraduate programmes at Mesra and its Extension Centres at Jaipur, Kolkata, Lalpur and Noida. Please see the Institute Information Brochure 2010 on our website for brief details about the Institute, Departments, and other Centres and please also see our website for further details, including course structures and syllabi, etc.

1. **M. E. programmes at Mesra in various specializations in the following disciplines:**

a)	Automated Manufacturing Systems	f)	Mechanical Engineering
b)	Computer Aided Analysis and Design – CAAD	g)	Polymer Engineering
c)	Civil Engineering	h)	Quality Engineering & Management
d)	Electrical Engineering	i)	Software Engineering
e)	Electronics & Communication Engineering	j)	Space Engineering & Rocketry

2. **M. Pharm programme at Mesra in the following specializations:**

a)	Pharmaceutical Chemistry	d)	Pharmacognosy
b)	Pharmaceutics	e)	Clinical Research
c)	Pharmacology	f)	Quality Assurance & Regulatory Affairs

3. **M. Tech programmes at Mesra in the following disciplines:**

a)	Bio-Technology	g)	Nano-Science & Nano-Technology
b)	Computer Science	h)	New Materials & Processing Technology
c)	Energy Technology	i)	Polymer Science & Technology
d)	Environmental Science & Engineering	j)	Remote Sensing
e)	Fuels and Combustion	k)	Scientific Computing
f)	Information Security		

4. ***M. Tech programme at Jaipur in Fusion Science & Plasma Technology ***

5. **Master of Urban Planning (Town Planning) – MUP – programme at Mesra**

6. **M.Sc. programmes at Mesra in the following disciplines:**

a)	Applied Chemistry	e)	Bio-Medical Instrumentation
b)	Applied Mathematics	f)	Geo-Informatics
c)	Applied Physics	g)	Information Science
d)	Bio-Informatics		

7. **M.Sc. programme at Kolkata in Bio-Informatics**

8. **M.Sc. programme at Lalpur in Information Technology (for girls only)**

9. **M.S. Clinical Research & Pharmacovigilance programme at Mesra**

10. **Postgraduate Diploma at Mesra in (a) Bioanalytical Techniques (b) Pharmacovigilance**

11. **Master of Transportation Planning & Management programme at Mesra**

12. ***Masters in Animation Design programme at Jaipur and Noida***

All programmes are full-time and will commence on 24 July 2010.

*** See next page for admission procedures for programmes at S. No. 4 and S. No. 12***

How to Apply:

To apply for any of the programmes listed above*, **eligible candidates must download and print the application form on our website**, and send the completed form along with two recent colour photographs (one pasted on the form and one attached by clip to the form), with photocopies of all marksheets and certificates (see List of Enclosures), and a **crossed Demand Draft for Rs. 1,000/- in favour of Birla Institute of Technology, payable at Ranchi**, in a stout A4 size envelope by Speedpost / Registered Post / reliable courier to the office of*

Dean Admissions, Birla Institute of Technology, Mesra, Ranchi – 835215 positively by the due date. Write “Application for PG 2010 on the envelope”.

Applications reaching us after the due date are liable to be rejected / may not be processed.

***Except for the programmes at S. No. 4 and S. No. 12.**

For admission procedures for these programmes, please see the web pages for Jaipur and Noida Extension Centres on our website <http://jaipur.bitmesra.ac.in> and <http://noida.bitmesra.ac.in>

Notes:

- You may use one application form to apply for ONLY one programme – M.E. or M. Pharm or M. Tech or MUP or M.Sc., etc, and ONLY one discipline within that programme – for example only M.E. in Mechanical or only M. Tech in Computer Science or only M.Sc. in Bioinformatics
- However, one application form can be used to apply for various specializations within some M.E. programmes and within the M. Pharm programme, and in the case of M.Sc. programme in Bioinformatics, you may also use one application form to apply for different Places for Study, in order of preference
- **Please use separate application form(s) to apply for two or more programmes**
- All candidates in their own interest should keep photocopies of their completed forms for their own reference.

A postal intimation with **Registration Number** will be sent to all eligible candidates whose properly completed application forms have been received within the stipulated time. Candidates must note their registration numbers carefully, as the same will be used in future notifications for counselling, selections, etc.

They should also preserve the postal intimation which will be required if called for interviews / counselling. If you do not receive the postal intimation with registration number within a reasonable date after dispatch of your completed form, please contact the Admissions Office at Mesra by telephone or fax.

On receipt of the printout of the completed form and Demand Draft, a copy of the Information Brochure 2010 (hard copy) will be sent by courier / Speedpost / registered post to those candidates who fulfill the eligibility criteria.

Please see Section 4 for details of selection procedures.

Interview / counselling schedules and details of tests (wherever applicable) for the above programmes will be announced by third week of June 2010, only on our website and Notice Boards of the Institute and our Extension Centres. Candidates must occasionally visit our website for updates and any other matter related to the admission procedures. No individual intimations will be sent to candidates.

Candidates appearing for final examinations in 2010 can also apply, and if selected can join the programme provisionally. Provisionally selected candidates will be required to produce proof of passing their qualifying examinations with requisite minimum marks by 31 October 2010, failing which the provisional admission will be cancelled.

Sponsored candidates: A few seats in some programmes are “Sponsored Seats” meant for candidates who are employed in recognized Educational Institutes / Universities / Colleges OR in Government / Defence / Research Laboratories OR in Industry, etc. Such candidates should normally have at least two years of experience. Such candidates must submit their applications in prescribed form, along with a letter of Sponsorship from their Organization.

Sec 2. Instructions for filling the Application Form

General Instructions

1. Before filling and submitting your application form, you are advised to carefully read the eligibility conditions for admission to the programme (section 3) and satisfy yourself that you fulfill all the eligibility conditions.
2. Use only a black ballpoint pen to fill in the form. Clearly fill all items that are relevant to you in capitals letters or numbers or tick (✓) the box as required. Do not fold, tear or mutilate the form in any way.
3. All items are mandatory and must be filled in. Else the form may be rejected when it is processed.
4. **Please ensure that your Name, caste, choice of programme, address, phone number and e-mail id, are filled neatly and accurately in the appropriate spaces**
5. A recent colour photograph of good quality must be **pasted** firmly in the box provided. If required cut the photograph to fit in the box. Do not get the photograph attested. Do not pin or staple the photograph to the form. Sign with a black ball pen in the box below your photograph.
6. **Attach one extra photograph to the form using a clean paper clip.** Write your Name and programme applied for on the reverse of the photograph. Do not get the photograph attested. Do not pin or staple the photograph to the form.
7. Please ensure that all information provided is correct and accurate. Admission on false information will be ipso facto null and void
8. The completed application form should be sent by reliable courier or Speed Post or Registered Post to reach the Office of the Dean Admissions, Birla Institute of Technology, Mesra, Ranchi 835215, positively by the due date. Applications reaching us after the due date are liable to be rejected / may not be processed.
9. **Enclose photocopies of Pass certificate of Class 10, marksheets of Class 10, Class 12, Graduation / Postgraduation (if available), or marksheets upto pre-final year for candidates graduating in 2010, as well as Caste / Special Category certificates.** Write your Name, your telephone number and name of programme applied for on the back of each of these papers. All such papers must be stapled or stitched to the form.
10. **All candidates belonging to the SC, ST, or OBC categories must obtain caste certificates which should be in proper format, and which should be signed by appropriate authority of rank not less than SDO.** If OBC, indicate state.
(**Note:** However the final reservation proportion will depend on notification, if any, issued by competent authority and as accepted by the Institute). Candidates belonging to other special categories mentioned in brochure must send photocopies of relevant certificate(s) in proper format **signed by appropriate authority.**
11. Do not enclose any original certificates with your application
12. **The Admissions Office may not undertake detailed scrutiny of applications before counselling, and all shortlisted applicants called for interviews / counselling, except those whose applications are summarily rejected, are allowed to appear at interviews / counselling on purely provisional basis, subject to their eligibility being verified at the time of interviews / counselling. Merely being allowed to appear at the interviews / counselling will not be considered as a ground for being eligible for admission.**

Specific Instructions

13. **Name:** Write your name as in your Class 10 certificate, as follows: -
First Name, Middle Name(s) and Surname. Write one letter in one block, and leave one block blank between parts of the name. Do not write MR / MS / SHRI / SMT, etc. If space is insufficient, use initials for middle name(s).
14. **Father's Name & Mother's Name:** Write similarly. Do not write MR / SHRI, MRS / SMT, etc.
15. **Date of Birth:** Use dd-mm-yyyy format. Thus if your date of birth is 14 April 1987, you should fill in 14 04 1987
16. **Sex:** Put tick mark against one box
17. **Caste:** Tick the box for General / SC / ST / OBC as the case may be. If you belong to the SC, ST or OBC category, enclose photocopy of caste certificate in proper format signed by appropriate authority of rank not less than SDO. If OBC, indicate state. (See also Note after instruction 10 above).
18. **Other Category:** Select the appropriate special reservation category if applying under any such category as given later in section 5. Candidates applying under the Physically Handicapped category must provide photocopy of disability certificate in proper format from a Civil Surgeon. Candidates who are wards of BIT employees must provide proper proof / certificates from appropriate authority.
19. **Choice of Specializations for M.E. and M. Pharm:**
If applicable write your choice of specializations in the order of your preference (only for some M.E. and the M. Pharm programmes). Please see section 3 for details of specializations in M.E. and M. Pharm programmes
20. **For M.Sc. Bio-Informatics:** Candidates can fill in first and second preferences of Place for Study (Kolkata & Mesra)
21. **Educational Record:**
 - a. Percentage of Marks in qualifying examination: Calculate as mentioned under eligibility criteria
 - b. For M.E. / M. Tech / MUP programmes: Candidates who have appeared in GATE 2010, should provide their Roll No, Score / Percentile and discipline papers (please also see footnotes of Sec 5). Non-GATE candidates may please see Selection Procedures
 - c. For M. Pharm programmes: Candidates should have appeared in GPAT 2010, and should provide their Roll No and Score / Percentile.
Non-GPAT candidates may please see Selection Procedures
 - d. No. of attempts: Write 1 if passed in one attempt, 2 if in two attempts, etc, if you are in final year of the qualifying examination, write "APP" under column for "No. of attempts". Enclose photocopy of certificate from Principal of your Institute stating that by 30 June 2010, you will have appeared for examinations in all subjects required for obtaining your qualifying degree. See also Eligibility Criteria
 - e. Subjects: Use abbreviations, - Phys, Chem, Math, Stat, Eng, etc
 - f. Certificates: See also instructions 9, 10, 17 & 18 above.
22. **Complete Postal Address:** Write clearly in capital letters, provide pincode, STD code and telephone number, mobile number and e-mail id
23. **Details of Demand Draft:** Please fill in the details as given in the Form
24. **Declaration and Undertakings:** The candidate must sign the declaration, and also the undertaking after reading them. A parent or legal guardian should sign the second undertaking.

**Sec 3. Eligibility criteria for the M.E., M. Pharm, M. Tech,
Master of Urban Planning, M.Sc., and
Master of Transportation Planning & Management Programmes 2010**

3 A) Minimum Eligibility Criteria for the M.E. programmes (MEC - PG1):

1. Candidates must hold a B.E. / B.Tech / AMIE or equivalent degree in the appropriate disciplines / branches mentioned below for the respective courses. Candidates must have a first class or minimum 60% marks in average (45% for SC/ST) in graduation. [Sponsored candidates must have minimum 55% in average (45% for SC/ ST) in graduation]. In case the examining Board does not award a class, the percentage marks in graduation will be computed as average of marks obtained in all subjects in which candidate has appeared (excluding optional subjects). Candidates should preferably be GATE qualified. Non-GATE candidates may also apply. Please see Selection Procedures for details. Please also see footnote below.
2. Candidates appearing for final examinations of their Bachelor's programme in 2010 can also apply, provided they have obtained 60 % marks or equivalent (45% marks in case of SC/ST candidates) based on latest available grades / marks at the time of applying, and if selected can join the programme provisionally. At the time of the interview / counselling they must bring the following:
 - a) A certificate in original from the Principal of their Institute stating that by 30 June 2010, they will have appeared for examination in all subjects required for obtaining their Bachelor's degree.
 - b) A certificate in original from the Principal certifying that they have obtained 60% marks or equivalent (45% marks in case of SC/ST candidates) based on latest available grades / marks. Marks to be calculated as per item (1) above.

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 60% marks (45% in case of SC/ ST). They must submit proof of passing their final examinations with requisite marks by 31 October 2010. 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 programmes are eligible only if (a) they acquired such qualifications as working professionals / while in employment, (b) the programmes are recognized by the DEC-UGC-AICTE or MHRD, (c) they have passed the qualifying examination at the time of applying, with minimum 60% marks in average (45% for SC/ST) calculated as per item (1) above. They must enclose photocopies of
 - (i) work experience certificate
 - (ii) pass certificate and marksheets of qualifying examination with their application.

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 well in advance 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.

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

M.E. Programme (with Department Offering the course)	Specializations	Eligible Branches
Automated Manufacturing Systems (Production Engineering)	-	Production / Manufacturing / Electrical / Mechanical / Electronics & Communication / Computer Science / Mechatronics
Civil (Civil Engineering)	a) Soil Mechanics & Foundation Engineering	Civil
	b) Structural Engineering	Civil
Computer Aided Analysis & Design - CAAD (Applied Mechanics)	-	Any branch of Engineering
Electrical (Electrical & Electronics Engineering)	a) Power Systems	Electrical / Electrical & Electronics
	b) Control Systems	Electrical / Electronics & Communication / Electrical & Electronics / Electrical Instrumentation & Control or equivalent
	c) Power Electronics**	Electrical / Electrical & Electronics
Electronics & Communication (Electronics & Communication Engineering)	a) Instrumentation & Control	Electronics & Communication / Instrumentation or equivalent
	b) Microwave	Electronics & Communication or equivalent
	c) Wireless Communication**	Electronics & Communication or equivalent
Mechanical (Mechanical Engineering)	a) Heat Power	Mechanical / Chemical / Marine
	b) Design of Mechanical Equipment	Mechanical / Production
Polymer (Polymer Engineering)	-	Polymer / Chemical / Plastics / Rubber / Mechanical / Production or equivalent
Quality Engineering & Management (Management)	-	Any branch of Engineering.
Software Engineering (Computer Science & Engineering)	-	Computer Science / Information Technology or equivalent
Space Engineering & Rocketry (Space Engineering & Rocketry)	a) Aerodynamics	Mechanical/Aeronautical/ A.M.Ae.S.I. / AMIE or equivalent
	b) Rocket Propulsion	Mechanical / Aeronautical / Chemical / A.M.I.Ch.E. / A.M.Ae.S.I. / AMIE or equivalent

Candidates admitted in M.E. with valid GATE score will be considered to receive scholarships only if approved and amount released by AICTE or any other funding agency (see also note below).

****No scholarships are available for these programmes (AICTE approval applied for / being applied for)****

3 B) Minimum Eligibility Criteria for the M. Pharm, M.S., and PG Diploma programmes (MEC - PG2):

1. **For M. Pharm programme:** Candidates must hold a B. Pharm degree from a PCI and AICTE approved Institute. Candidates must have a first class or minimum 60% marks in average (45% for SC/ST) in graduation. [Sponsored candidates must have minimum 55% in average (45% for SC/ ST) in graduation]. In case the examining Board does not award a class, the percentage marks in graduation will be computed as average of marks obtained in all subjects in which candidate has appeared (excluding optional subjects).
2. **For M.S. and PG Diploma programmes:** Candidates must hold a B. Pharm degree from a PCI and AICTE approved Institute / MBBS / BVSc / BDS / BAMS / M.Sc. Life Sciences degree from a recognized University. Candidates must have a first class or minimum 60% marks in average (45% for SC/ST) in graduation / postgraduation (QE). In case the examining Board does not award a class, the percentage marks in graduation / postgraduation will be computed as average of marks obtained in all subjects in which candidate has appeared (excluding optional subjects).
3. Candidates must be GPAT qualified for the M. Pharm programme in Pharmaceutics, Pharmaceutical Chemistry, Pharmacognosy and Pharmacology. Non-GPAT candidates may also apply for the M. Pharm programme in Clinical Research, and Quality Assurance & Regulatory Affairs, M.S. Clinical Research & Pharmacovigilance, Postgraduate Diploma in Bioanalytical Techniques, Pharmacovigilance. Please see Selection Procedures for details. Please also see footnotes below.
4. Candidates appearing for final examinations of their Bachelor's programme / qualifying examination in 2010 can also apply, provided they have obtained 60 % marks or equivalent (45% marks in case of SC/ST candidates) based on latest available grades / marks at the time of applying, and if selected can join the programme provisionally. At the time of the interview / counselling they must bring the following:
 - a) A certificate in original from the Principal of their Institute stating that by 30 June 2010, they will have appeared for examination in all subjects required for obtaining their qualifying degree.
 - b) A certificate in original from the Principal certifying that they have obtained 60% marks or equivalent (45% marks in case of SC/ST candidates) based on latest available grades / marks. Marks to be calculated as per items (1) / (2) above.

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 60% marks (45% in case of SC/ ST). They must submit proof of passing their final examinations with requisite marks by 31 October 2010. Non-fulfillment of this condition will automatically result in the cancellation of the provisional admission.

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 well in advance 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.

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

Programme (with Department Offering the course)	Specializations	Eligibility
M. Pharm, M.S. CR & PV PGDBT and PGDPV (Pharmaceutical Sciences)	a) Pharmaceutics b) Pharmaceutical Chemistry c) Pharmacognosy d) Pharmacology	Candidate must hold a B. Pharm degree from PCI & AICTE approved Institute, and must have qualified in GPAT 2010
	e) Clinical Research** f) Quality Assurance & Regulatory Affairs**	Candidate must hold a B. Pharm degree from PCI & AICTE approved Institute
	M.S. Clinical Research & Pharmacovigilance** Postgraduate Diploma in (a) Bioanalytical Techniques ** (b) Pharmacovigilance**	Candidate must hold a B. Pharm degree from PCI & AICTE approved Institute, or must hold MBBS / BVSc / BDS / BAMS / M.Sc. Life Sciences degree.

****The M. Pharm programmes in (a) Clinical Research and (b) Quality Assurance & Regulatory Affairs, the M.S. programme in Clinical Research & Pharmacovigilance, and the Postgraduate Diploma in (a) Bioanalytical Techniques and (b) Pharmacovigilance, are self financed collaborative programmes with Lotus Clinical Research Academy, Bangalore.**

****No scholarships are available for these programmes (AICTE / UGC approval applied for / being applied for)****

For other programmes: The candidates admitted in M. Pharm with valid GPAT score will be considered to receive scholarships only if approved and amount released by AICTE or any other funding agency.

3 C) Minimum Eligibility Criteria for the M.Tech programmes (MEC - PG3):

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 first class or minimum 60% marks in average (45% for SC/ST) in graduation / MCA. In case the examining Board does not award a class, the percentage marks in graduation / MCA will be computed as average of marks obtained in all subjects in which candidate has appeared (excluding optional subjects), OR an
 - b) M.Sc. / M.A. degree in the appropriate disciplines / branches mentioned below for the respective courses with 55% (45% 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 qualified for M. Tech programmes in (a) Computer Science, (b) Environmental Science & Engineering, (c) Fuels and Combustion, (d) New Materials & Processing Technology, (e) Remote Sensing and (f) Scientific Computing. Non-GATE candidates may also apply for these programmes. Please see Selection Procedures for details. Please also see footnote below.

Non-GATE candidates may also apply for the M Tech programmes in (a) Bio-Technology, (b) Energy Technology, (c) Information Security (b) Nano-Science & Nano-Technology and (e) Polymer Science & Technology. Please see Selection Procedures for details. Please also see footnote below.

Sponsored candidates must have minimum 55% in average (45% for SC/ ST) in B.E. / B.Tech or equivalent / MCA, or 50% in average (45% for SC/ ST) in M.Sc. / M.A. degree in the appropriate disciplines / branches mentioned below

2. Candidates appearing for final examinations in 2010 can also apply, provided they have obtained requisite marks, as given in item (1) above, based on latest available grades / marks at the time of applying, and if selected can join the programme provisionally. At the time of the interview / counselling they must bring the following:
 - a) A certificate in original from the Principal of their Institute stating that by 30 June 2010, they will have appeared for examination in all subjects required for obtaining their qualifying degree.
 - b) A certificate in original from the Principal certifying that they have obtained requisite marks based on latest available grades / marks. Marks to be calculated as per item (1) above.

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 2010. 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 programmes are eligible only if (a) they acquired such qualifications as working professionals / while in employment, (b) the programmes are recognized by the DEC-UGC-AICTE or MHRD, (c) they have passed the qualifying examination at the time of applying, with minimum requisite marks, calculated as per item (1) above. They must enclose photocopies of (i) work experience certificate (ii) pass certificate and marksheets of qualifying examination with their application.

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 well in advance 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.

M. Tech Programmes at Mesra:

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

M. Tech Programme (With Department Offering the course)	Qualifying Examinations / Disciplines Eligible
Biotechnology** (Biotechnology)	B.E. / B. Tech in Biotechnology / Biochemical Engineering / Chemical Engineering / Food Technology or equivalent OR M.Sc. in Biotechnology / Biochemistry / Microbiology / Plant Biotechnology
Computer Science (Computer Science & Engineering)	B.E. / B.Tech in Computer Science / Information Technology / Electronics / Electrical or equivalent Or MCA or M. Sc in Computer Science or equivalent
Energy Technology** (Mechanical)	B.E. / B. Tech in any discipline / B. Arch OR M.Sc. in Physics / Chemistry / Mathematics
Environmental Science & Engineering (Environmental Science & Engineering Group)	B.E./ B.Tech or equivalent in any branch of Engineering OR M.Sc. in any subject
Fuels & Combustion (Space Engineering & Rocketry)	B.E. Chemical / B.E. Mechanical / AMIE or equivalent Or M.Sc. Chemistry
Information Security** (Information Technology)	B.E. / B.Tech in Computer Science / Information Technology / Electronics / Or MCA or M. Sc in Computer Science / Information Technology / Electronics with Mathematics at graduate level
Nano Science & Nano-Technology** (Applied Physics)	M.Sc. in Physics / Chemistry / Applied Physics / Applied Chemistry with Mathematics up to at least Bachelor's level OR B.E. / B. Tech in Electrical / Mechanical / Production / Polymer / Electronics & Communication / Computer Engineering / Instrumentation / Computer Science or equivalent
New Materials & Processing Technology (Applied Physics)	B.E. / B. Tech in any branch, or M.Sc. in any discipline with Physics and Mathematics at the graduate level
Polymer Science & Technology** (Polymer Engineering)	B.E. / B. Tech in Polymer / Plastic / Metallurgy and Material / Chemical or equivalent Or M.Sc. in Chemistry / Physics / Material Science or equivalent
Remote Sensing (Remote Sensing)	a) B. Arch or B.E. / B.Tech in any branch of Engineering, 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
Scientific Computing*** (Applied Mathematics)	B.E. / B.Tech in any branch of Engineering (except Computer Science & Engineering / Information Technology) OR M.Sc. Mathematics / Physics / Statistics / Operations Research

Candidates admitted in M. Tech with valid GATE score will be considered to receive scholarships only if approved and amount released by AICTE or any other funding agency (see also note below).

****No scholarships are available for these programmes (AICTE approval applied for / being applied for)****

*****No scholarships are currently available for this programme (Extension of AICTE approval applied for and awaited)*****

3 D) Minimum Eligibility Criteria for Master in Urban Planning (Town Planning) - MUP programme (MEC – PG4):

1. Candidates must hold EITHER a
 - a) B.Arch / B.Planning or equivalent or B.E. in Civil Engineering with a first class or minimum 60% marks in average (45% for SC/ST) in graduation. In case the examining Board does not award a class, the percentage marks in graduation will be computed as average of marks obtained in all subjects in which candidate has appeared (excluding optional subjects), OR
 - b) M.A. / M.Sc. degree in Geography, Economics, Sociology, Environmental Science, Statistics or Anthropology with 55% marks (45% 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 qualified. Non-GATE candidates may also apply. Please see Selection Procedures for details. **However, no scholarships are available for this programme.** Also see footnote below.

Sponsored candidates must have minimum 55% in average (45% for SC/ ST) in B.Arch / B.Planning or equivalent or B.E. in Civil Engineering, or 50% in average (45% for SC/ ST) in M.A. / M.Sc. degree in Geography, Economics, Sociology, Environmental Science, Statistics or Anthropology

2. Candidates appearing for final examinations in 2010 can also apply, provided they have obtained requisite marks based on latest available grades / marks at the time of applying, and if selected can join the programme provisionally. At the time of the interview / counselling they must bring the following:
 - a) A certificate in original from the Principal of their Institute stating that by 30 June 2010, they will have appeared for examination in all subjects required for obtaining their qualifying degree.
 - b) A certificate in original from the Principal certifying that they have obtained requisite marks based on latest available grades / marks. Marks to be calculated as per item (1) above.

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 2010. 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 programmes are eligible only if (a) they acquired such qualifications as working professionals / while in employment, (b) the programmes are recognized by the DEC-IGNOU for M.A./M.Sc. and DEC-UGC-AICTE or MHRD for others, (c) they have passed the qualifying examination at the time of applying, with minimum requisite marks, calculated as per item (1) above. They must enclose photocopies of (i) work experience certificate (ii) pass certificate and marksheets of qualifying examination with their application.

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 well in advance 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.

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

Programme	Qualifying Examinations / Disciplines Eligible
Master in Urban Planning (Town Planning) *** (Architecture)	B. Arch / B. Planning or equivalent / B.E. Civil with 60% marks in aggregate (45% for SC/ST), OR M.A. / M.Sc. Geography, Economics, Sociology, Environmental Science, Statistics or Anthropology with 55% marks (45% for SC/ST)

No scholarships are currently available for this programme (Extension of AICTE approval applied for)

3 E) Minimum Eligibility Criteria for the M.Sc. programmes offered at Mesra, Kolkata and Lalpur (MEC – PG5):

1. 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 (10+2+3 system) after completing higher secondary schooling (Class 12 or equivalent).
2. Candidates of B.Sc. / B.A. Honours must have minimum 55% marks in average (45% for SC/ST) in their Honours subject. Candidates of other graduate courses must have minimum 55% marks in average (45% for SC/ST) in graduation, marks to be computed as average of marks obtained in ALL subjects in which candidate has appeared (excluding optional subjects).
3. Candidates appearing for final examinations of their Bachelor's programme in 2010 can also apply, provided they have obtained 55 % marks or equivalent (45% marks in case of SC/ST candidates) based on latest available grades / marks at the time of applying, and if selected can join the programme provisionally. At the time of the counselling they must bring the following:
 - a. A certificate in original from the Principal of their Institute stating that by 30 June 2010, they will have appeared for examination in all subjects required for obtaining their Bachelor's degree.
 - b. A certificate in original from the Principal certifying that they have obtained 55% marks or equivalent (45% marks in case of SC/ST candidates) based on latest available grades / marks. Marks to be calculated as per item (2) above.

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 (45% in case of SC/ ST). They must submit proof of passing their final examinations with requisite marks by 31 October 2010. 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 programmes are eligible only if (a) they acquired such qualifications as working professionals / while in employment, (b) the programmes are recognized by the DEC-IGNOU, (c) they have passed the qualifying examination at the time of applying, with minimum 55% marks in average (45% for SC/ST) calculated as per item (2) above. They must enclose photocopies of
 - (i) work experience certificate
 - (ii) pass certificate and marksheets of qualifying examination with their application.

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 well in advance 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.

Other Criteria in addition to the Minimum Eligibility Criteria (MEC – PG5) above

S. No.	Programme	Centres(s) where offered	Qualifying Examinations / Disciplines Eligible
1	M.Sc. in Bio-informatics**	Mesra and Kolkata	Graduate in any branch of Applied Science / Biological Science / Chemical Science / Pharmacy / Engineering
2	M.Sc. in Bio-Medical Instrumentation (BMI)**	Mesra	B. Sc. with Mathematics / Life Sciences and Physics / Chemistry / Electronics / Instrumentation
3	M.Sc. in Geo-informatics **	Mesra	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	M.Sc. in Information Science (MIS)**	Mesra	Graduate with Mathematics / Statistics / Business Mathematics / Computer Science either at graduation or Class 12 / Intermediate level
5	M.Sc. in Information Technology (MIT)**	Lalpur	BCA / B.Sc. Electronics / B.Sc. Computer Science For girls only
6	M.Sc. in Applied Chemistry**	Mesra	B.Sc. with Chemistry, Physics, Mathematics / Biology or equivalent
7	M.Sc. in Applied Mathematics**	Mesra	B.Sc. with Mathematics, Physics, Chemistry or equivalent
8	M.Sc. in Applied Physics**	Mesra	B.Sc. with Physics, Chemistry, Mathematics or Physics, Chemistry, Statistics, or equivalent

**No scholarships are available for these programmes

**3 F) Minimum Eligibility Criteria for the
Master of Transportation Planning & Management programme at Mesra (MEC – PG6)**

1. Candidates must hold either a
 - a) B.E./B.Tech degree in any branch of Engineering or B.Arch or an MCA with a first class or minimum 60% marks in average (45% for SC/ST) in graduation. In case the examining Board does not award a class, the percentage marks in graduation will be computed as average of marks obtained in all subjects in which candidate has appeared (excluding optional subjects), OR an
 - b) M.A. / M.Sc. degree with Mathematics at the graduate level or an MBA with 55% marks (45% for SC/ST) after graduating with a Bachelor's Degree or equivalent qualification in 10+2+3 system from a recognized University

Sponsored candidates must have minimum 55% in average (45% for SC/ ST) in B.Arch / B.E. / MCA, or 50% in average (45% for SC/ ST) in M.A. / M.Sc. with Mathematics or MBA
2. Candidates appearing for final examinations in 2010 can also apply, provided they have obtained requisite marks based on latest available grades / marks at the time of applying, and if selected can join the programme provisionally. At the time of the interview / counselling they must bring the following:
 - a) A certificate in original from the Principal of their Institute stating that by 30 June 2010, they will have appeared for examination in all subjects required for obtaining their qualifying degree.
 - b) A certificate in original from the Principal certifying that they have obtained requisite marks based on latest available grades / marks. Marks to be calculated as per item (1) above.

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 2010. 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 programmes are eligible only if (a) they acquired such qualifications as working professionals / while in employment, (b) the programmes are recognized by the DEC-IGNOU for M.A./M.Sc. and DEC-UGC-AICTE or MHRD for others, (c) they have passed the qualifying examination at the time of applying, with minimum requisite marks, calculated as per item (1) above. They must enclose photocopies of (i) work experience certificate (ii) pass certificate and marksheets of qualifying examination with their application.

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 well in advance 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.

Other Criteria in addition to the Minimum Eligibility Criteria (MEC – PG6) above

Programme	Centres(s) where offered	Qualifying Examinations / Disciplines Eligible
Master of Transportation Planning and Management**	Mesra	B.E. / B. Tech in any branch of Engineering / Technology or B. Arch or M. Sc. / M.A. with Mathematics as a subject at the graduate level or MBA or MCA

****No scholarships are available for this programme****

Sec 4. Selection Procedures, Expected Dates of Tests & Interviews / Counselling

(A) Selection Procedures for the M.E. / M. Tech / MUP programmes:

Provisional selections to the M.E. / M. Tech / MUP programmes will be on the basis of scores obtained in GATE 2010, previous academic record, and/or written test (wherever applicable) and personal interviews, provided that the candidates fulfill the eligibility criteria mentioned in the preceding pages / our advertisement / notification(s) on our website

Non-GATE candidates:

1) Candidates who have not appeared or not qualified in GATE 2010 may also apply to the M.E. / M. Tech / MUP programmes where GATE is mentioned as part of the eligibility criteria. However, their applications will be considered only after applicants who have qualified in GATE 2010 have been considered and interviewed. **Further, there will be no scholarships for these candidates.**

2) Candidates who have not appeared or not qualified in GATE 2010 may apply for the M.E. / M. Tech programmes marked with ** (Section 5). **However, there will be no scholarships for these candidates.** Provisional selections to these programmes will be on the basis of previous academic record, written test and /or personal interviews, provided that the candidates fulfill the eligibility criteria mentioned in the preceding pages / our advertisement / notification(s) on our website.

(B) Selection Procedures for the M. Pharm, M.S., PG Diploma programmes:

- Provisional selections to the M. Pharm programme in Pharmaceutics, Pharmaceutical Chemistry, Pharmacognosy and Pharmacology will be on the basis of scores obtained in GPAT 2010, and previous academic record, and counselling provided that the candidates fulfill the eligibility criteria mentioned in the preceding pages / our advertisement / notification(s) on our website.
- Provisional selections to the M. Pharm programme in Clinical Research and Quality Assurance & Regulatory Affairs will be on the basis of previous academic record, written test and/or personal interviews, provided that the candidates fulfill the eligibility criteria mentioned in the preceding pages / our advertisement / notification(s) on our website. **There will be no scholarships for students of these programmes.** Syllabus of the test will be same as for GPAT 2010.
- Provisional selections to the M.S. Clinical Research & Pharmacovigilance and Postgraduate Diploma in (a) Bioanalytical Techniques, (b) Pharmacovigilance programmes will be on the basis of previous academic record, written test and/or personal interviews, provided that the candidates fulfill the eligibility criteria mentioned in the preceding pages / our advertisement / notification(s) on our website. **There will be no scholarships for students of these programmes.** Syllabus of the test will be same as for GPAT 2010.

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

Provisional selections to the M.Sc. programmes will be on the basis of previous academic record and counselling for shortlisted candidates at Kolkata, Lalpur and Mesra provided that the candidates fulfill the eligibility criteria mentioned in the preceding pages / our advertisement / notification(s) on our website. GATE will not be a pre-requisite for these programmes. **Further, there will be no scholarships for students of these programmes.**

(D) Selection Procedures for the MTPM programme:

Provisional selections to the Master of Transportation Planning & Management programme will be on the basis of previous academic record, written test* and/or personal interviews, provided that the candidates fulfill the eligibility criteria mentioned in the preceding pages / our advertisement / notification(s) on our website. GATE will not be a pre-requisite for this programme. **Further, there will be no scholarships for students of this programme.**

Candidates admitted in M.E. / M. Tech / M. Pharm with valid GATE / GPAT score will be considered to receive scholarships only if approved and amount released by AICTE or any other funding agency (see also footnotes in Section 5).

Candidates must visit our website <http://www.bitmesra.ac.in> occasionally for updates / any other matters related to admission procedures.

Expected Dates of tests / interviews / counselling for all programmes:

Interview / counselling schedules and details of tests (wherever applicable) for the above programmes will be announced by third week of June 2010, only on our website and Notice Boards of the Institute and our Extension Centres. Candidates must occasionally visit our website for updates and any other matter related to the admission procedures. **No individual intimations will be sent to candidates*.**

The written tests (wherever applicable) and interviews / counselling of eligible candidates will be held tentatively in the second week of July 2010 at Mesra, (except for M.Sc. Bio-Informatics for which counselling will be held at both Mesra & Kolkata, based on candidate's first choice of Place for Study, and for M.Sc. Information Technology for which counselling will be held at Lalpur only.

Provisional selection lists, along with procedures for admissions, will be notified the day after the interviews / counselling, on the Institute website and Notice Boards of the Institute / concerned Extension Centres only. **No separate intimations will be sent to candidates.** Provisionally selected candidates will be required to take admission by the date given, failing which vacant seats may be allotted to waitlisted candidates. The list of waitlisted candidates will also be announced on our website and Institute Notice Boards only. **No separate intimations will be sent to candidates.**

Candidates must visit our website <http://www.bitmesra.ac.in> occasionally for updates / any other matters related to admission procedures.

Documents required at the time of interviews / counselling:

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

1. Pass certificate of Class 10
2. Marksheet of Class 10
3. Marksheet of Class 12 / Intermediate or equivalent
4. Marksheets of Graduation for graduates
5. Certificates and marksheets of qualifying examination
6. Marksheets upto pre-final year for candidates who would be completing qualifying examination in 2010. They must also bring the following:
 - a) A certificate in original from the Principal of their Institute stating that by 30 June 2010, they will have appeared for examination in all subjects required for obtaining their qualifying degree
 - b) A certificate from the Principal certifying that they have obtained requisite marks, based on latest available grades / marks.
7. **Candidates with qualifications acquired through correspondence or distance-learning programmes must carry proof that they have acquired such qualifications as working professionals / while in employment, as well as pass certificate and marksheets of qualifying examination.**
8. GATE 2010 admit card and GATE 2010 Score card for M.E. / M. Tech / MUP programmes (if applicable)
9. GPAT 2010 admit card and GPAT 2010 Score card for M. Pharm programme
10. Caste certificate / special category certificate (if applicable)
11. Two passport size photographs, identical to the photograph affixed in the application form
12. Photo identification: (Driving license, Passport, PAN Card, Voter ID, College ID, Employee Identification Card are acceptable)

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.

Provisionally selected candidates appearing for final examinations in 2010 will be required to sign an undertaking at the time of admission on Non-Judicial Stamp Paper 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 2010, failing which the provisional admission will be cancelled. (Please see Sec 9 for format of the above undertaking)

Classes will commence from 24 July 2010 at all Centres.

Sec 5. Number of seats for M.E. / M. Tech / M. Pharm / MUP / M.Sc. / Master of TPM programmes, GATE /GPAT Scholarships\$, Reservations

TABLE 1: Number of seats

Programmes	Total Seats*
(A) M.E. Programmes (4-Semester) at Mesra	
Automated Manufacturing Systems	25
Civil (Soil Mechanics & Foundation Engineering – 12, Structural Engineering –12)	24
Computer Aided Analysis & Design - CAAD	18
Electrical (Control Systems – 12, Power Systems – 12, Power Electronics** – 12)	36
Electronics & Communication (Instrumentation & Control – 12, Microwave – 12, Wireless Communication** – 18)	42
Mechanical (Heat Power – 6, Design of Mechanical Equipment – 6)	12
Polymer	18
Quality Engineering & Management	25
Software Engineering	15
Space Engineering & Rocketry (Aerodynamics – 12, Rocket Propulsion – 12)	24
(B) M. Tech Programmes (4-Semester) at Mesra	
Biotechnology**	18
Computer Science	16
Energy Technology**	18
Environmental Science & Engineering	18
Fuels & Combustion	25
Information Security**	18
Nano Science & Nano-Technology**	18
New Materials & Processing Technology	18
Polymer Science & Technology**	15
Remote Sensing	18
Scientific Computing***	25
(C) M. Pharm & M.S. (4-Semester) and PG Diploma (2-Semester) Programmes at Mesra	
M. Pharm	36
M. Pharm Clinical Research**	18
M. Pharm Quality Assurance and Regulatory Affairs **	18
M. Pharm Programme under Q.I.P.	08
M.S. Clinical Research & Pharmacovigilance**	30
PG Diploma in Bioanalytical Techniques**	30
PG Diploma in Pharmacovigilance **	30
(D) Master of Urban Planning (Town Planning) Programme (4-Semester) at Mesra***	12

\$Candidates admitted in M.E. / M. Tech / M. Pharm with valid GATE / GPAT score will be considered to receive scholarships only if approved and amount released by AICTE or any other funding agency (see also notes below).

***The total number of seats in a programme includes the sponsored seats and indicates the maximum sanctioned strength.**

****No scholarships are available for these programmes (AICTE / UGC approval applied for / being applied for)****

*****No scholarships are currently available for these programmes (Extension of AICTE approval applied for and awaited / applied for)*****

(E) M.Sc. Programmes **			
	Mesra	Kolkata	Lalpur
M.Sc. in Bioinformatics (4-Semester)	20	20	
M.Sc. in Biomedical Instrumentation (5-Semester)	20		
M.Sc. in Geoinformatics (4-Semester)	20		
M.Sc. in Information Science (4-Semester)	20		
M.Sc. in Information Technology (4-Semester) at Lalpur Extension Centre, only for girls			30
M.Sc. in Applied Chemistry (4-Semester)	15		
M.Sc. in Applied Mathematics (4-Semester)	15		
M.Sc. in Applied Physics (4-Semester)	15		

(F) Master of Transportation Planning & Management Programme (4-Semester) at Mesra **	25
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**** No scholarships are available for these programmes**

Sponsored candidates: A few seats in some programmes are “Sponsored Seats” meant for candidates who are employed in recognized Educational Institutes / Universities / Colleges OR in Government / Defence / Research Laboratories OR in Industry, etc. Such candidates should normally have at least two years of experience. Such candidates must submit their applications in prescribed form, along with a letter of Sponsorship from their Organization.

The Institute may lower the intake in a programme depending upon the availability of hostel accommodation / facilities.

The Institute also reserves the right not to offer a particular programme in case the number of students found to be eligible to be admitted is less than 5 in number

Reservations:

1. For all programmes at the Institute which are supported by the State Govt., the reservation criteria for SC & ST are as per the norms of the State Govt.
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 physically handicapped persons (3%).
4. Subject to eligibility and availability of candidates, upto 20% of the seats may be allotted to girl candidates.
5. At Mesra and Lalpur, 50% of seats are reserved for candidates who have passed their qualifying examination from Jharkhand[#] and 50% for Non-Jharkhand.
6. One seat in each of the M.Sc. programmes at the Extension Centres is reserved for candidates who are son / daughter of serving employees of BIT, who otherwise have qualified for admission.

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

[#]At Mesra and Lalpur, 50% of the total seats are reserved for candidates from Jharkhand State, and the 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 on the basis of 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.

Sec 6. Financial Information and fees payable 2010

TABLE 2 (a): Fees payable for M.E. / M. Pharm / M.Tech / MUP / M.Sc. / Master of (TPM) Programmes at Mesra

Fees Payable at a Glance

Particulars	ME (S.E.) / M. Tech (CS) / M. Tech (IS)	Other M.E. / M. Pharm / Other M. Tech / MUP	M.Sc. (Inf-Sc) / (Bio-Inf)	M.Sc. (BMI) / (Geo-Inf) / (Applied Chem) / (Applied Maths) / (Applied Phys) / Master of (TPM)
Total fees payable at the time of admission, including the fees for first semester	54,500	44,000	51,500	44,000
Fees payable for each subsequent semester	47,500	37,000	44,500	37,000

Details of Fees Payable per Semester and at the time of admission

A) Particulars of fees for each semester	ME (S.E.) / M. Tech (CS) / M. Tech (IS)	Other M.E. / M. Pharm / Other M. Tech / MUP	M.Sc. (Inf-Sc) / (Bio-Inf)	M.Sc. (BMI) / (Geo-Inf) / (Applied Chem) / (Applied Maths) / (Applied Phys) / Master of (TPM)
Tuition Fee, Registration Fee, Institute Examination, Library, Teaching Aids and other Student Facilities	42,500	32,000	39,500	32,000
Hostel Room Rent, General Maintenance & Electricity	5000	5000	5000	5000
Sub Total	47,500	37,000	44,500	37,000
B) Additional amount to be paid at the time of Admission				
University Enrollment Fee	1000	1000	1000	1000
Hostel Mess deposit	1000	1000	1000	1000
Sub Total	2000	2000	2000	2000
C) Caution Money (Refundable)	5000	5000	5000	5000
Grand Total to be paid at the time of admission (A+B+C)	54,500	44,000	51,500	44,000

Notes:

1. Hostel facilities are provided only at the Main Campus at Mesra.
2. Hostel mess charges at Mesra will be approximately Rs.2,000/- per month. **Students at Mesra will be required to pay suitable mess advance at the beginning of each semester, which will be adjusted against their additional mess charges. For the July 2010 session, this mess advance will be Rs. 7,000/-.**
3. Students will be expected to provide themselves with stationery and textbooks, etc, as prescribed for different subjects.
4. The Institute reserves the right to revise the fees and other charges at any stage.
5. For rules regarding refund of fees on withdrawal, please see separate Notice on Notice Board.

Financial Information and fees payable 2010

TABLE 2 (b): Fees payable for M.Sc. / Master of (AD) / M. Tech (FSPT) Programmes at Extension Centres

Fees Payable at a Glance

Particulars	M.Sc. (Bio-Info)\$	M.Sc. (Inf-Tech)#	Master of (AD)*	M. Tech (FSPT)**
Total fees payable at the time of admission, including the fees for first semester	48,500	48,500	48,500	41,000
Fees payable for each subsequent semester	42,500	42,500	42,500	35,000

Details of Fees Payable per Semester and at the time of admission

A) Particulars of fees for each semester	M.Sc. (Bio-Info)\$	M.Sc. (Inf-Tech)#	Master of (AD)*	M. Tech (FSPT)**
Tuition Fee, Registration Fee, Institute Examination, Library, Teaching Aids and other Student Facilities	39,500	39,500	39,500	32,000
Off Campus Charges	3000	3000	3000	3000
Sub Total	42,500	42,500	42,500	35,000
B) Additional amount to be paid at the time of Admission				
University Enrollment Fee	1000	1000	1000	1000
Sub Total	1000	1000	1000	1000
C) Caution Money (Refundable)				
	5000	5000	5000	5000
Grand Total to be paid at the time of admission (A+B+C)	48,500	48,500	48,500	41,000

\$ Offered at Kolkata Centre

Offered at Lalpur Centre –for Girls only.

* Offered at Jaipur and Noida Centres

** To be offered at Jaipur Centre

Notes:

1. No Hostel facilities are provided at the Extension Centres.
2. Students will be expected to provide themselves with stationery and textbooks, etc, as prescribed for different subjects.
3. The Institute reserves the right to revise the fees and other charges at any stage.
4. For rules regarding refund of fees on withdrawal, please see separate Notice on Notice Board.

Financial Information and fees payable 2010

TABLE 2 (c): Fees payable for following Postgraduate programmes at Mesra

1. **M. Pharm in (a) Clinical Research, (b) Quality Assurance & Regulatory Affairs**
2. **M.S. Clinical Research & Pharmacovigilance**
3. **Postgraduate Diploma in (a) Bioanalytical Techniques, (b) Pharmacovigilance**

Fees Payable at a Glance

Sl No.	Programme	Academic fees payable per semester including University Enrollment Fee	Hostel Room Rent, General Maintenance & Electricity	Total Fees
1	M. Pharm in (a) Clinical Research** (b) Quality Assurance & Regulatory Affairs**	1,50,000.00	5000.00	1,55,000.00
2	M.S. Clinical Research & Pharmacovigilance**	1,50,000.00	5000.00	1,55,000.00
3	Postgraduate Diploma in (a) Bioanalytical Techniques** (b) Pharmacovigilance**	90,000.00	5000.00	95,000.00

** These programmes are in collaboration with Lotus Clinical Research Academy, Bangalore (LCRA)

At the time of admission, candidate will be required to pay Rs. 5000/- Caution Money (refundable) in addition to above fee.

Notes:

1. Candidates admitted to the programmes at Sr. No. 1 & 2 above would be required to study for the first two semesters at BIT Mesra, and for the next two semesters at Lotus Clinical Research Academy, Bangalore (LCRA).
2. Candidates admitted to the programmes at Sr. No. 3 above would be required to study for the first semester at BIT Mesra, and for the next semester at Lotus Clinical Research Academy, Bangalore (LCRA).
3. Hostel facilities are provided only at the Main Campus at Mesra.
4. Hostel mess charges at Mesra will be approximately Rs.2,000/- per month. **Students at Mesra will be required to pay suitable mess advance at the beginning of each semester, which will be adjusted against their additional mess charges. For the July 2010 session, this mess advance will be Rs. 7,000/-.**
5. Students will be expected to provide themselves with stationery and textbooks, etc, as prescribed for different subjects.
6. The Institute reserves the right to revise the fees and other charges at any stage.
7. For rules regarding refund of fees on withdrawal, please see separate Notice on Notice Board.

Sec 7. List of Enclosures to be submitted along with the completed application form

1. Two recent colour photographs - one pasted on form and one attached by clip (write your Name and "PG 2010" on the back of the second photo)
2. Crossed demand draft for Rs. 1,000/- in favor of Birla Institute of Technology, payable at Ranchi (write your Name, telephone number and "programme applied for" on the back of the DD)
3. Photocopies of following documents and certificates (write your Name, telephone number and programme applied for on the back of each of these papers):
 - a) Pass certificate of Class 10
 - b) Marksheet of Class 10
 - c) Marksheet of Class 12 / Intermediate or equivalent
 - d) Marksheets of Graduation for graduates
 - e) Certificates and marksheets of qualifying examination
 - f) Marksheets upto pre-final year for candidates who would be completing graduation / qualifying examination in 2010. They must also enclose photocopies of the following:
 - (i) A certificate in original from the Principal of their Institute stating that by 30 June 2010, they will have appeared for examination in all subjects required for obtaining their qualifying degree.
 - (ii) A certificate from the Principal certifying that they have obtained requisite marks or equivalent based on latest available grades / marks.
 - g) Candidates with qualifications acquired through correspondence or distance-learning programmes must submit proof that they have acquired such qualifications as working professionals / while in employment. They must enclose with their application photocopies of
 - (i) Work experience certificate
 - (ii) Pass certificate and marksheets of qualifying examination showing that they have passed the qualifying examination with requisite marks
 - h) Admit Card of GATE 2010 / GPAT 2010 (if applicable)
 - i) Score Card of GATE 2010 / GPAT 2010 (if applicable)
 - j) Caste certificate (if applicable), which **should be in proper format and signed by appropriate authority of rank not less than SDO.**
 - k) Candidates belonging to other special categories mentioned in Sec 5 (Physically Handicapped / Ward of BIT employee) must provide photocopy of certificate in proper format from appropriate authority.
 - l) Photo identification: (Driving license, Passport, PAN Card, Voter ID, College ID, Employee Identification Card are acceptable)
4. Two slips of paper (10x10 cm) with name, address in capitals and phone number

Incomplete applications or applications received without all required enclosures are liable to be rejected / may not be processed.

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, and the two affidavits provided with the regulation, one for the student and one for his /her parent, to be prepared on Non-Judicial Stamp Paper, one to be signed by the student and the other to be signed by his / her parent, and to be countersigned by Public Notary. Each student admitted to any of the Institute's programmes must submit the two completed affidavits at the time of admission. Printed copy of the UGC regulations and affidavit may be provided, if required, at the time of counselling.

Hostel

Hostel facilities are provided only at Mesra, Patna and Deoghar Centres. All students admitted at these Centres 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

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 9. Undertaking for candidates appearing for final examinations in 2010

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 Programmes of the Institute, and who are appearing for their final examinations in 2010. Please fill in all blanks, select relevant items, and delete whatever is not applicable.

1. I, _____ son/daughter of _____ resident of _____ P.S. _____ Dist. _____ hereby declare that I am fully aware that minimum marks for admission to the M.E. / M. Pharm / M.Tech / MUP / M.Sc. / Master of TP&M Programme 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 Programme 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).
2. I belong to SC / ST / OBC / General category (strike out whichever is not applicable)
3. I do hereby undertake that since I have been provisionally allowed to appear in the selection procedure to above Postgraduate Programme 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. 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
 - ii. I fail to produce the official result by the 31st October 2010.
4. I undertake that all the certificates / documents submitted by me are authentic and are issued by competent authority.
5. I undertake that if at any time during the programme 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 _____
