

**JADAVPUR UNIVERSITY  
KOLKATA- 700032**

**INFORMATION BROCHURE FOR POST-GRADUATE PROGRAMMES (M.E./M. Tech)  
FOR THE SESSION 2017-18 UNDER**

**A) FACULTY COUNCIL OF ENGINEERING & TECHNOLOGY (FET)**

**AND**

**B) FACULTY COUNCIL OF INTERDISCIPLINARY STUDIES, LAW AND MANAGEMENT (FISLM)**

**Courses are affiliated to  
FACULTY COUNCIL OF ENGINEERING & TECHNOLOGY (FET)**

**INSTRUCTIONS FOR FILLING-UP THE APPLICATION FORM (ONLINE)**

1. A candidate can apply for M.E./M.Tech./M.Pharm./M.Arch Courses – 2017-18 online through URL [http://juadmission.jdvu.ac.in/pgEngg\\_admission\\_2017](http://juadmission.jdvu.ac.in/pgEngg_admission_2017) from 15<sup>th</sup> June, 2017 to 3<sup>rd</sup> July, 2017.  
Candidates are advised to download the Information Brochure and Pay-in-Slip of State Bank of India to deposit Application Fee. **An Application fee of Rs.1000/-** is to be deposited through any branch of State Bank of India by filling up the down-loaded Pay-in-slip. The Journal Number must be legible in the pay-in-slip, and to be used in the Form & other references. The applicants are instructed to preserve the counterfoil of the deposit slip for future reference. Candidates should carefully read and follow the instructions given in the Information Brochure before filling up the online Application Form.  
**Incomplete application forms are liable to be cancelled.**
2. **Qualifying degrees are indicated against each course in Table 1 offered under FET and FISLM (Parts I & II for FET; Parts III to V for FISLM). Against the same application fee, a candidate can apply in all the M.E/M.Tech/MMD courses listed in the table, subject to having the qualifying degrees as indicated.**
3. An applicant can belong to any of the three categories, namely Category A – GATE/GPAT, Category B – Sponsored and Category C – Self sponsored as detailed under **Article 15 - ELIGIBILITY FOR P.G. COURSES IN ENGG./TECH./ARCH./PHARM COURSES.**  
The qualification requirements in each course are listed in Table 1 (Parts I to V).  
Table 2 indicates the dates, time and venue of Admission Tests. Category A (GATE/GPAT) and Category C (Self-Sponsored) candidates should appear in Admission test if applicable and all Category B (Sponsored) candidates should appear in Admission test.  
Category-wise available seats and tuition fee are listed in Table 3 for FET and Tables 4 to 6 for FISLM.
4. While filling ONLINE Application Form/s all candidates (**passed / appeared or due to appear in qualifying examination**) are instructed to upload self-attested and scanned copies of documents irrespective of categories as listed under **A)** below and depending on the category as listed under **B)** below.  
**A) Irrespective of the category, all candidates must upload self-attested and scanned copies of**
  - i) mark-sheets of each semester of Undergraduate degree examination **for Engineering courses (at least up to 6<sup>th</sup>, preferably 7<sup>th</sup> semester for 4 year UG courses and at least up to 8<sup>th</sup>, preferably 9<sup>th</sup> semester in case of Architecture; a certificate from Controller of Examiner in case the final year odd semester result is not available)**  
or  
Undergraduate and Postgraduate degree examinations in Science courses (all the semesters for UG courses and at least up to 3<sup>rd</sup> semester for PG courses; **a certificate from Controller of Examiner in case 3<sup>rd</sup> semester PG result is not available**);
  - ii) mark-sheets and certificates of Secondary and Higher Secondary examinations, as applicable.**B) Depending on the category, respective candidates must upload self-attested and scanned copies of**
  - i) SC/ST Certificate issued by the Govt. of West Bengal, PWD (Person with Disability) Certificate and Family Income Certificate issued by the competent authority, as applicable
  - ii) GATE/GPAT card copies for Category A applicants (as indicated in Table 1)
  - iii) Relevant experience certificate and the latest Form-16 or appropriate IT declaration for Category B applicants and No objection certificate from the employer to study the course for the entire duration.

5. Candidates are also requested to keep a photo copy of print out of System Generated Online Application Form for future reference.
6. **A candidate, who requires to appear in Admission Test as indicated in Table 2) is requested to download their Admit-card** using the link given in Article 1 in Page 1 and to bring his/her admit card duly affixing his/her recent photograph with signature in the specified space at the time of respective Admission Tests.
7. **No admission test will be required for GATE/GPAT qualified candidates** for Automobile Engg. (under Mechanical Engg.), Bio-process Engg. (under Chemical Engg.), Chemical Engg., Civil Engg., Computer Sc. & Engg., Electrical Engg., Electronics & Tele. Comm. Engg., Food Tech. & Biochemical Engg., Illumination Engg. (under Electrical Engg.), Instrumentation & Electronics Engg., Material Engg. (under Metallurgical & Material Engg.), Mechanical Engg., Metallurgical Engg. (under Metallurgical & Material Engg.), Pharmacy, Production Engg. and Software Engg. (under I.T. Dept.) as listed in Table 1. All other eligible candidates must appear for admission test.
8. If an eligible candidate to appear for Admission Test is unable to print admit card on-line he/she may contact the respective office of the FET or FISLM in person at least 3 days before the respective date of admission test along with the print out of system generated online Application Form and applicant's part of Pay-in Slip.
9. Provisional Merit list in each course/specialization and the first list of selected candidates will be put up on the University website (given in Article 1 in Page 1) **on 10<sup>th</sup> July**. The subsequent list of selected candidates for the vacant seats from the provisional merit list will be put up in the website from time to time. **Candidates are requested to track necessary instructions and information to be put up in the website from time to time.**
10. **As per circular No. BC-16014/1/82-SC dt.06/08/1984 & BCD-I, D.O.12017/11/89-SCD(R.CELL) dt.08/01/1990 and letter No. 1510-SCW dt. 31/05/2007 from the Government of West Bengal, Scheduled Caste/ Scheduled Tribe Candidates of any State other than West Bengal are not entitled for SC/ST seats in Educational Institutions in West Bengal.**
11. **Reservation of Seats for SC/ST categories have been made as per Government of India norms. 3% PWD (Persons with disabilities) is reserved in Self-sponsored Category as a supernumerary intake.**
12. **CANDIDATES ARE REQUESTED TO BRING THE FOLLOWING SELF-ATTESTED DOCUMENTS ALONG WITH THE ORIGINALS AT THE TIME OF FINAL ADMISSION TO THE COURSE:**
  - a) Admit Card and Score Card of GATE/GPAT (if applicable).
  - b) Mark-sheets and Certificates from Secondary examination to Undergraduate degree examination in Engineering or to Postgraduate degree examination in Science courses.
  - c) SC/ST Certificate issued by the Govt. of West Bengal, PWD (Person with Disability) Certificate and Family Income Certificate issued by the competent authority.
  - d) For Sponsored Category candidates, a 'No Objection Certificate' from the employer for the entire course period, **relevant experience certificate along with the latest Form-16 or appropriate IT declaration.**
  - e) Bachelor course approval letter of AICTE or COA or UGC-AICTE-DEC Joint Committee from the appropriate authority.
  - f) Final year/semester appearing certificate issued by the Principal / Controller of Examinations of the University has to be produced by the candidate, in case the result is not declared. These candidates must submit the final semester result by end of September 2017 or before applying for scholarship in the respective portal whichever is earlier; otherwise the admission will get cancelled.
13. **CANDIDATES ARE REQUESTED TO BRING THE FOLLOWING SELF-ATTESTED DOCUMENTS ALONG WITH THE ORIGINALS AT THE TIME OF ADMISSION TEST (SEE TABLE 2):**
  - a) Admit Card of Admission Test.
  - b) Score Card of GATE/GPAT (if applicable).
  - c) SC/ST Certificate issued by the Govt. of West Bengal, PWD (Person with Disability) Certificate and Family Income Certificate issued by the competent authority, if applicable.

- d) For Sponsored Category candidates, a 'No Objection Certificate' from the employer for the entire course period, relevant experience certificate along with latest Form-16 or appropriate IT declaration along with self-attested copy of each for submission at the time of Admission Test.

#### 14. CANDIDATES SHOULD NOTE THE FOLLOWING:

- a) Each applicant can apply in separate Course/s online against the same receipt from S.B.I.
- b) Each individual applying in a program with multiple specializations and/or in multiple courses (ref Table 1, for the courses) should indicate the available preferences serially from highest to lowest. For instance, an individual applying in courses A, B and C with B having five specializations B1 to B5 and C(E) and C(I) being offered under FET and FISLM respectively may submit the preference as A=3, B1=4, B2=1, B3=5, B4=8, B5=2, C(E)=6, C(I)=7, the last number being the rank of choice executed by a candidate.
- c) Failure to appear at the Admission Test on the specified date will cancel his/her candidature without any further correspondence.
- d) Registration of application or fulfilment of minimum eligibility criteria does not confer any right of the applicant to be called for admission test/interview/admission.
- e) **Submission of application does not confer any right on the candidate for being issued Admit Card or Acknowledgement Receipt and also for being called for Admission Test/Admission. APPLICATION FEE IS NOT REFUNDABLE UNDER ANY CIRCUMSTANCES.**
- f) The Admission Committee reserves the right of not selecting any candidate who is considered physically unfit or otherwise unsuitable.
- g) Seats will be filled following the selection algorithm detailed later.
- h) All J.U. courses are non- residential. Hostel seats are not guaranteed.

#### 15. ELIGIBILITY FOR P.G. COURSES IN ENGG./TECH./ARCH./PHARM COURSES

See **CATEGORIES (A) to (C),**

**NOTES a. to i.** and

**ELIGIBILITY SCHEDULES (Table 1 – Parts I to V)** below.

##### **CATEGORIES**

**Category (A) – GATE/GPAT:** Obtained Bachelor's degree in Engg./Tech./Arch./Pharmacy or M.Sc./MCA (see **NOTES** and **Table 1 - ELIGIBILITY SCHEDULE** below) with at least average Grade point 6.75 (60%) for General Candidate or Grade point 5.25 (45%) for SC/ST/PWD Candidate and qualified through GATE/GPAT having valid GATE/GPAT Score.

**Category (B) – Sponsored:** Obtained Bachelor's degree in Engg./Tech./Arch/Pharmacy or M.Sc./MCA (see **NOTES** and **Table 1 - ELIGIBILITY SCHEDULE** below) with at least average Grade point 6.75 (60%) for General Candidate or Grade point 5.25 (45%) for SC/ST/PWD Candidate & minimum 1 (one) year experience after passing the B.E./B.Tech/B/Pharm/B.Arch examination (**for PG in Civil Engineering course minimum 2 (two) years**) duly sponsored by Industry / Institute/ Govt. Depts.

Relevant experience shall be counted after passing BE/B.Tech./B.Arch/B.Pharm or M.Sc. degree and getting job, whichever is later, till last date of online submission of Application Form, i.e., 3<sup>rd</sup> July, 2017.

**Relevant experience certificate (in original) along with a self-attested copy of Form-16 or appropriate IT declaration should be submitted at the time of Admission Test (as given in Table 2).**

**Category (C) – Self-Sponsored:** Obtained Bachelor's degree in Engg./Tech./Arch or M.Sc./MCA (see **NOTES** and **Table 1 - ELIGIBILITY SCHEDULE** below) with at least average Grade point 6.75 (60%) for General Candidate or Grade point 5.25 (45%) for SC/ST/PWD Candidate. As per Govt. of India rules 3% PWD (Persons with disabilities) seat is reserved supernumerary.

##### **NOTES**

- a. M.Sc. in Physics / Chemistry / Material Sc. / Electronics Sc. candidates are eligible for Master of Material Engineering Course and MCA Candidates are eligible for Master of Software Engineering Course under Category (A).
- b. Passed Membership/Associate Membership Examination in the appropriate discipline conducted by the following professional bodies, namely Institution of Engineers (India)/Indian Institute of Architects/Indian Institute of Chemical Engineers/ Institute of Electronics Telecommunication Engineers approved by Govt. of India, with at least average Grade point 6.75 (60%) for General Candidate or Grade point 5.25 (45%) for SC/ST/PWD Candidate and qualified through GATE

having valid GATE/GPAT Score are eligible for admission to PG courses in Engg./Tech./Arch./Pharm. under Category (A), subject to production of approval from AICTE by the candidate for admission to PG courses.

- c. **Self-Sponsored candidates (Category C) are not eligible to apply and only Sponsored candidates (Category B) should sit for Admission Test in the following courses**
- i) M.E. in Automobile Engineering (FET, under Mechanical Engineering Dept)
  - ii) M.E. in Chemical Engineering (FET)
  - iii) M.E. in Civil Engineering (FET)
  - iv) M.E. in Computer Science & Engineering (FET)
  - v) M.E. in Electrical Engineering (FET)
  - vi) M.E. in Electronics & Tele-communication Engineering (FET)
  - vii) M.E. in Mechanical Engineering (FET)
  - viii) Master in Pharmacy (FET)
  - ix) M.E. in Software Engineering (FET, under Information Technology Department)
- Category (B) seats in these courses will be first filled according to the merit list prepared on the basis of overall score. Unfilled Category (B) seats will then be merged with the available seats under Category (A) to arrive at expanded Category (A) seats and candidates will be offered admission in Category (A) according to GATE/GPAT score and strictly adhering to reservation policies.**
- d. **All the applicants under the following courses are treated as Self-sponsored candidates**
- i) M.E. in Bioprocess Engineering (FET, under Chemical Engineering Dept)
  - ii) M.E. in Computer Tech (FET, under Computer Science & Engineering Dept)
  - iii) M. Tech in Environmental Biotechnology (FISLM, under School of Environmental Studies)
  - iv) M. Tech in Laser Technology (FISLM, under School of Laser Science & Technology)
  - v) M.E. in Printing Engg. & Graphic Communication (FET under Printing Engineering Dept)
- All the seats for these courses will be filled strictly according to the merit list prepared on the basis of performance in the Admission Test and, if applicable, Interview as well.**
- e. There are three NON-GATE courses under FISLM listed in Tables 5 and 6 in Page 20 with seats available under both Sponsored and Self sponsored Categories, which are
- i) Illumination Technology & Design (6-Semester) (Table 5)
  - ii) Water Resources & Hydraulic Engineering (6-Semester) (Table 5)
  - iii) Multimedia Development (Table 6)
- f. In all other courses not listed against Notes c to e, Category (A) applicants will be given preference over Category (C) applicants, while filling the expanded Category (A) seats. The procedure of drawing the number of expanded Category (A) seats is explained later under Step 3 of Selection Algorithm in Page 13.
- g. Candidates who have appeared/are due to appear at the qualifying examinations (B.E./B.Tech./B.Arch./B.Pharm./M.Sc) may also apply.
- h. If selected, Category (A) or (C) candidates may be provisionally admitted, provided they submit all passed mark-sheet at least up to 6<sup>th</sup> Semester, preferably 7<sup>th</sup> (8<sup>th</sup> Semester in case of Architecture, preferably 9<sup>th</sup>) of the qualifying examination with required percentage of marks at the time of admission test. If the final results are awaited on the date of interview, such selected candidates shall have to submit the mark sheet of the qualifying examination by end of September or filling the details in appropriate portal for obtaining scholarship from the date of commencement of 1<sup>st</sup> semester classes, whichever is earlier. Failing this, or if the candidate is found to be ineligible in terms of percentage of marks obtained, his/her provisional admission will be cancelled.
- i. **Please note that the Additional eligibility criteria for specific courses mentioned next within ELIGIBILITY SCHEDULE will supercede the minimum eligibility criteria mentioned above. Candidates are also informed to read carefully the additional eligibility criteria against each course mentioned next within Table 1- ELIGIBILITY SCHEDULE before filling up ONLINE Application Form for the session 2017-18.**

**TABLE 1- ELIGIBILITY SCHEDULE**

**I. 4-Semester (2-years) Courses (AICTE APPROVED) under FET**

| <b>Offered by the Department</b> | <b>Name of the Course</b>      | <b>Fields of Specialization</b>     | <b>Bachelor's Degree required in</b>  | <b>Additional Eligibility Criteria, if any</b>   |
|----------------------------------|--------------------------------|-------------------------------------|---|--|
| 1) Architecture Dept.            | Architecture                   | Urban Design                        | Architecture /AIIA Passed certificate   | Eligibility as Mentioned in Category A, B & C (in item No.15 above).<br>Admission Test will be held following schedule given in Table 2.   |
| 2) Chemical Engg. Dept.          | Chemical Engineering           | -----                               | Chemical Engineering with 1 <sup>st</sup> Class   | Eligibility as Mentioned in Category A & B (in item No.15 above).<br>No Admission Test for Category A qualified candidates.<br>Admission Test for eligible Sponsored candidates (category B) only will be held following schedule given in Table 2 |
|                                  | Bioprocess Engineering         | -----                               | Bio-Technology / Chemical Engg./ Food Engg./ Food Technology / Food Tech. & Biochemical Engg./          | Eligibility as mentioned in Category C (in item No.15 above).<br>Admission Test of Self-Sponsored (C) category will be held following schedule given in Table 2  |
| 3) Civil Engg. Dept.             | Civil Engineering              | a) Structural Engg.                 | a) Civil Engg. / Construction Engg.   | Eligibility as mentioned in Category A & B (in item No.15 above).<br>No Admission Test for Category A candidates.<br>Admission Test for eligible Sponsored candidates (Category B) only will be held following schedule given in Table 2.          |
|                                  |                                | b) Soil Mechanics & Foundation Engg | b) - do -   |  |
|                                  |                                | c) Environmental Engg               | c) Civil Engg./ Chemical Engg./ Food Tech. & Bio. Chem. Engg / Construction Engg. / Environmental Engg. |  |
| 4) Computer Sc. & Engg. Dept.    | Computer Science & Engineering | -----                               | B.E./B.Tech in Computer Sc. & Engg.<br>(* B.Sc./ M/Sc./ MCA not eligible)                               | Eligibility as Mentioned in Category A & B (in item No.15 above).<br>No Admission Test for Category A candidates.<br>Admission Test for eligible Sponsored candidates (Category B) only will be held following schedule given in Table 2.          |

| Offered by the Department               | Name of the Course                         | Fields of Specialization  | Bachelor's Degree required in   | Additional Eligibility Criteria, if any  |
|---|--|---|---|--|
| 5) Electrical Engg. Dept.               | Electrical Engineering                     | a) Electrical Power Systems<br>b) Electrical Machines<br>c) High Voltage Engg.<br><br>d) Control System<br><br>e) Electrical Measurement & Instrumentation. | a) Electrical Engg. / Power Engg.<br>b) Electrical Engg. / Power Engg.<br>c) Electrical Engg./ Power Engg. / Electronics & Telecomm. Engg.<br>d) Electrical Engg./ Instrumentation & Electronics Engg./ Electronics & Telecomm. Engg<br>e) - do - | Eligibility as Mentioned in Category A & B (in item No.15 above).<br>No Admission Test for Category A candidates.<br>Admission Test for eligible Sponsored candidates (Category B) only will be held following schedule given in Table 2.<br>Admission Test for Sponsored candidates (Category B) only will be held following schedule given in Table 2.   |
|   | Illumination Engineering                   |   | Electrical/Electronics & Telecom/Instrumentation Engg. or equivalent.   | Eligibility as Mentioned in Category A & B (in item No.15 above).<br>No Admission Test for Category A candidates.<br>Minimum Eligibility criterion of Average Grade point (%) in BE/B.Tech. for Self-sponsored (Category C) candidates:<br><u>General:</u> 8.75 (or 80%) averages of all semester grade points<br><u>SC/ST/PWD:</u> 6.75(60%).<br>Admission Test of Category C candidates only will be held following schedule given in Table 2. |
| 6) Electronics & Tele-Comm. Engg. Dept. | Electronics & Tele-Comm. Engg.             | a. Computer<br>b. Communication<br>c. Control<br>d. Microwave<br>e. Electron Devices  | Electronics & Tele-Comm. Engg.<br>(Can apply for all specializations).<br><br>Instrumentation & Electronics Engg.<br>(Can apply for all specializations <b>except Microwave Engg. and Communication Engg.</b> ).                                  | Eligibility as mentioned in Category A & B (in item No.15 above).<br>No Admission Test for Category A candidates.<br>Admission Test for eligible Sponsored candidates (Category B) only will be held following schedule given in Table 2. These candidates must have minimum semester Grade point of 7.75(70%) in B.E/B. Tech. Examination.  |
| 7) Food Tech. & Biochemical Engg. Dept. | Food Technology & Bio-Chemical Engineering | -----   | Food Tech. & Bio Chemical Engineering / Food Technology / Biochemical Engineering / Chemical Engineering  | Eligibility as mentioned in Category A, B & C (in item No.15 above).<br>No Admission Test for GATE qualified candidates.<br>Admission Test of Sponsored (B) & Self-Sponsored (C) categories will be held following schedule given in Table 2.  |

| Offered by the Department                   | Name of the Course                  | Fields of Specialization   | Bachelor's Degree required in   | Additional Eligibility Criteria, if any   |
|---|-------------------------------------|--|---|---|
| 8) Information Technology Department        | Software Engineering                | -----  | BE/B.Tech in any discipline/Masters of Computer Application (MCA) with GATE in CS&IT & Electronics  | Eligibility as mentioned in Category A & B (in item No.15 above).<br>No Admission Test for Category A candidates.<br>Admission Test of Sponsored category (B) will be held as per schedule date given in Table 1.   |
| 9) Instrumentation & Electronics Engg. Dept | Instrumentation & Electronics Engg. | -----  | Instrumentation & Electronics or equivalent / Electronics & Communication or equivalent / Electrical Engg. or equivalent / Electrical & Electronics Engg.   | Eligibility as mentioned in Category A & B (in item No.15 above).<br>No Admission Test for Category A candidates.<br>Admission Test of Sponsored category (B) will be held as per schedule date given in Table 1.<br><br>Eligibility in Category C for Self-Sponsored having at least 8.75 averages of all semester grade points (or 80% average of all semester marks) in BE/B.Tech. exam.<br>Admission Test of eligible Self-Sponsored category (C) will be held as per schedule date given in Table 2. |
| 10) Mechanical Engg. Dept                   | Mechanical Engineering              | a) Heat Power Engg.<br><br>b) Machine Design<br><br>c) Applied Mechanics<br><br>d) Production Engg.<br><br>e) Fluid & Hydraulics Engg. | a) Mechanical / Power Engg./ Chemical / Aerospace (Aeronautical) Engg.<br>b) Mechanical Engg./ Production Engg./ Aerospace (Aeronautical) Engg./ Applied Mechanics & Aerospace Engg./ Power Engg./ Automobile Engg./ Civil Engg./ Metallurgical Engg..<br>c) Mechanical./ Civil / Electrical./Chemical / Production Engg. / Aerospace (Aeronautical) Engg.<br>d) Mechanical / Production Engg.<br>e) Mechanical / Power Engg. / Chemical / Civil / Aerospace (Aeronautical) Engg. | Eligibility as mentioned in a) Category A and Category B (in item No.15 above) having all semester average Grade point in BE/B.Tech. of at least 7.25 (65%) for general candidates & 5.75 (50%) for SC/ST/PWD candidates along with b) Category B scoring minimum of 50% in Admission Test.<br>No Admission Test for Category A candidates.<br>Admission Test for eligible Sponsored candidates (category B) only will be held following schedule given in Table 2.                                       |
|   | Automobile Engineering              |  | Mechanical / Automobile Engg. or Equivalent.  |   |

| Offered by the Department                | Name of the Course                     | Fields of Specialization  | Bachelor's Degree required in   | Additional Eligibility Criteria, if any   |
|--|--|---|---|---|
| 11) Metallurgical & Material Engg. Dept. | Metallurgical Engineering              | Industrial Metallurgy   | Metallurgical Engg. / Mechanical Engg. / Production Engg. / Ceramic Tech. or Engg / Chemical Engg. / Material Engg.   | Eligibility as mentioned in Category A, B & C (in item No.15 above)<br><br>No Admission Test for Category A candidates. Admission Test of Sponsored category (B) & Self-Sponsored category (C) will be held as per schedule given in Table 2. |
|  | Material Engineering                   | .....   | Metallurgical Engg. / Mechanical Engg. / Production Engg. / Ceramic Tech. or Engg / Chemical Engg. / Material Engg./ Electrical Engg./ Electronics & Telt.Com. Engg. / Instrumentation.<br><br><b>Or</b> M.Sc. in Physics / Chemistry / Material Sc./ Electronics Sc. | Eligibility as mentioned in Category A, B & C (in item No.15 above)<br><br>No Admission Test for Category A candidates. Admission Test of Sponsored category (B) & Self-Sponsored category (C) will be held as per schedule given in Table 2. |
| 12) Pharm. Tech. Dept.                   | Pharmacy                               | Pharmaceutical Chemistry<br>Pharmaceutics<br>Pharmacology<br>Pharmaceutical Biotechnology<br>Pharmacognosy<br>Industrial Pharmacy | Pharmacy  | Eligibility as Mentioned in Category A & B (in item No.15 above).<br>No Admission Test for Category A candidates. Admission Test of Sponsored category (B) only will be held as per schedule given in Table 2                                 |
|  | Clinical Pharmacy & Pharmacy Practice. | .....   | Pharmacy.   | Eligibility as Mentioned in Category B & C (in item No.15 above).<br><br>Admission Test of Sponsored category (B) & Self-Sponsored category (C) will be held as per schedule given in Table 2.  |
| 13) Production Engg Dept.                | Production Engineering                 | Production Technology.<br>Production Management.  | Production Engg. / Mechanical Engg./ Industrial Engg. & Management / Manufacturing Sc.  | Eligibility as Mentioned in Category A, B & C (in item No.15 above).<br>No Admission Test for Category A candidates. Admission Test of Sponsored category (B) & Self-Sponsored category (C) will be held as per schedule given in Table 2.    |



| Offered by the Department | Name of the Course                      | Fields of Specialization | Bachelor's Degree required in   | Additional Eligibility Criteria, if any  |
|---------------------------|---|--------------------------|---|--|
| 14) Power Engg. Dept.     | Power Engg.                             | -----                    | Power Engg / Electrical Engg / Mechanical Engg / Instrumentation Engg.      | Eligibility as mentioned in Category A, B & C (in item No.15 above)<br>Admission Test of Category A, B & C will be held as per schedule given in Table 2.    |
| 15) Printing Engg. Dept.  | Printing Engg. & Graphic Communication. | -----                    | B.E./ B.Tech in any discipline (Priority may be given to B.E. in Printing). | Eligibility as mentioned in Category C (in item No.15 above).<br>Admission Test of Self-Sponsored (C) category will be held as per schedule given in Table 2 |

## II. 6-Semester (3-years) Evening Courses (AICTE APPROVED) under FET

| Offered by the Department               | Name of the Course                   | Fields of Specialisation               | Bachelor's Degree required in  | Additional Eligibility Criteria, if any  |
|---|--------------------------------------|--|--|--|
| 1) Computer Sc. & Engg. Dept.           | Computer Technology                  | -----                                  | B.E./B.Tech. in any discipline.  | Eligibility as mentioned in Category C (in item No.15 above).<br>Admission Test of Self-Sponsored (C) category will be held as per schedule given in Table 2. Admission test will be taken on 80 marks and 20 marks will be given based on the valid GATE score.<br>Minimum criterion for eligibility is at least average Grade point of 6.75 (60%) for General Candidate or Grade point of 5.25 (45%) for SC/ST/PWD Candidate |
| 2) Electronics & Tele-Comm. Engg. Dept. | VSLI Design & Microelectronics Tech. | -----                                  | Electronics & Tele-communication Engg. Engg / Computer Sc. & Engg. / Instrumentation Engg. Or equivalent.              | Eligibility as Mentioned in Category B & C (in item No.15 above).<br>Admission Test of Sponsored (B) and Self-Sponsored (C) category will be held as per schedule given in Table 2.  |
| 3) Electronics & Tele-Comm. Engg. Dept. | Intelligent Automation & Robotics.   | -----                                  | Electronics & Tele-communication Engg. / Electrical Engg / Computer Sc. & Engg. / Instrumentation Engg. Or equivalent. | Eligibility as Mentioned in Category B & C (in item No.15 above).<br>Admission Test of Sponsored (B) and Self-Sponsored (C) category will be held as per schedule given in Table 2   |
| 4) Construction Engg Dept..             | Construction Engineering             | Structural Repair Retrofit Engineering | Construction Engg / Civil Engg. or equivalent.   | Eligibility as Mentioned in Category B & C (in item No.15 above).<br>Admission Test of Sponsored (B) and Self-Sponsored (C) category will be held as per schedule given in Table 2.  |

**III. AICTE Approved 4-Semester (2-years) Courses affiliated to FET and offered under FISLM:**

| <b>Offered by the School</b>          | <b>Name of the Course and Field of Specialization</b> | <b>M.E./ M.Tech.</b> | <b>Bachelor's Degree required in</b>  |
|---------------------------------------|---|----------------------|---|
| 1) Bio Science & Engineering          | Biomedical Engineering                                | M.E.                 | B.E./B.Tech. in any discipline <b>or</b> Bachelor of Pharmacy (with Basic Engg. subjects) <b>or</b> equivalent  |
| 2) Education Technology               | IT (Courseware Engineering)                           | M.Tech.              | B.E./B.Tech. in any discipline <b>or</b> MCA <b>or</b> equivalent <b>or</b> M.Sc. in Physics/Mathematics/ Electronics/Computer Sc./Information Tech.  |
| 3) Energy Studies                     | Energy Science & Technology                           | M.Tech.              | B.E./B.Tech. in any discipline <b>or</b> M.Sc. in Physics/Chemistry/Bio-Chemistry/ Geology with Mathematics as the subsidiary paper in the Bachelor Degree <b>or</b> M.Sc. in Applied Mathematics with Physics and Chemistry at the Bachelor level <b>or</b> Masters in Economics with Physics and Mathematics as the subsidiary subjects in the Bachelor level |
| 4) Environmental Studies              | Environmental Biotechnology                           | M.Tech.              | B.Tech. in Biotechnology /Civil Engg./ Chemical Engg / Food Tech. & Biochemical Engg. <b>or</b> Bachelor in Pharmacy <b>or</b> 2-year M.Sc. in Environmental Sc./Biotechnology/ Physics/Chemistry/Mathematics/Geology. All Science candidates should have Mathematics in U.G. level.  |
| 5) Laser Science & Engineering        | Laser Technology                                      | M.Tech.              | B.E./B.Tech. in Mechanical/Production/ Material/Metallurgical/Chemical/Power/ Automotive/Electrical/Electronics Engg/ Tech. <b>or</b> M.Sc. in Optoelectronics/Computer Sc. & Engg./ Industrial Engg <b>or</b> M.Sc. in Physics/Electronics <b>or</b> any other relevant/ equivalent discipline.  |
| 6) Materials Science & Nanotechnology | Nano Science & Technology                             | M.Tech.              | B.E./B.Tech. in Civil/Electrical/Electronics/ Mechanical/Ceramic/Metallurgical/Chemical/ Production/Power/Printing Engg./Tech. <b>or</b> M.Sc. in Physics/Chemistry/Electronics/ Instrumentation Sc.  |
| 7) Mobile Computing & Communication   | Distributed & Mobile Computing                        | M.Tech.              | B.E./B.Tech. in Computer Sc. & Engg./ Information Tech./Electronics & Tele-Comm. Engg. <b>or</b> MCA <b>or</b> M.Sc. in Computer Sc./ Electronics Sc.   |
| 8) Nuclear Studies & Application      | Nuclear Engineering                                   | M.E.                 | B.E./B.Tech. in Mechanical/Electrical/ Power/Electronics/Instrumentation/ Metallurgy & Material Sc./Chemical Engg./Tech. <b>or</b> its equivalent   |
| 9) Water Resources Engineering        | Water Resources & Hydraulic Engineering               | M.E.                 | B.E./B.Tech. in Civil/Mechanical/ Agriculture/Chemical/Electrical/Power/ Production / Construction Engg./Tech. <b>or</b> M.Sc.(Tech.) in Geology  |

**IV. UGC Approved 4-Semester (2-years) Courses affiliated to FET and offered under FISLM:**

| <b>Offered by the School</b> | <b>Name of the Course and Field of Specialization</b> | <b>M.E./ M.Tech.</b>                         | <b>Bachelor's Degree required in</b>  |
|------------------------------|---|--|---|
| 1) Education Technology      | Multimedia Development                                | M.M.D.<br>(Master in Multimedia Development) | B.E. in any discipline or equivalent <b>or</b> MCA <b>or</b> M. Arts <b>or</b> M. Com. <b>or</b> M. Sc. in any discipline |

**V. AICTE Approved 6-Semester (3-years) Evening Courses affiliated to FET and offered under FISLM:**

| <b>Offered by the School</b>                  | <b>Name of the Course and Field of Specialization</b> | <b>M.E./ M.Tech.</b> | <b>Bachelor's Degree required in</b>  |
|---|---|----------------------|---|
| 1) Illumination Science, Engineering & Design | Illumination Technology & Design                      | M.Tech.              | B.E./B.Tech. in any discipline <b>or</b> B.Arch. <b>or</b> M.Sc. in Physics/Electronics/Computer Sc. and employed or self-employed professional. Except Pharmacy.   |
| 2) Water Resources Engineering                | Water Resources & Hydraulic Engineering               | M.E.                 | In-service Engineers from Industry/ Institute/Govt. Dept. with B.E./B.Tech. in Civil /Mechanical/Agriculture/Chemical/Electrical/ Power/Production / Construction Engg./Tech. <b>or</b> M.Sc.(Tech.) in Geology |

**Availability of Scholarship: Subject to Release of Fund by UGC/AICTE or Other Funding Agencies.**

## SELECTION NORMS FOR ADMISSION OF M.E./M.TECH/M.M.D. COURSES IN ENGG./TECH./ARCH/PHARM FOR THE SESSION 2017-18

**(A) GATE/GPAT Candidates :**

**i) NO ADMISSION TEST for PG courses**

- a) **under FET** in Automobile Engg. (under Mechanical Engg.), Chemical Engg., Civil Engg., Computer Sc. & Engg., Electrical Engg., Electronics & Tele. Comm. Engg., Food Tech. & Biochemical Engg., Illumination Engg. (under Electrical Engg.), Instrumentation & Electronics Engg., Material Engg. (under Metallurgical & Material Engg.), Mechanical Engg., Metallurgical Engg. (under Metallurgical & Material Engg.), Pharmacy, Production Engg. and Software Engg. (under I.T. Dept.) listed in Table 1 Part I and
- b) **under FISLM** in IT (Courseware Engineering) and Distributed & Mobile Computing listed Table 1 Part III.

|                 |    |                |
|-----------------|----|----------------|
| GATE/GPAT Score | -- | 100% weightage |
|-----------------|----|----------------|

### ii) ADMISSION TEST for PG courses of

- a) **under FET** in Architecture and Power Engg listed in Table 1 Part I and
- b) **under FISLM** in Biomedical Engg. & Sc., Energy Science & Technology, Nano Sc. & Tech., Nuclear Engg. and Water Resources & Hydraulic Engg. (4-Semester) listed Table 1 Part III

GATE Score --- 70% weightage

|                 |     |               |
|-----------------|-----|---------------|
| Admission Test* | --- | 30% weightage |
|-----------------|-----|---------------|

**\*Interviews will be conducted in Energy Science & Technology course and both the courses in Water Resources & Hydraulics Engineering after Admission Test.**

**(B) Sponsored Candidates :**

At least 1 year of relevant experience (for PG in Civil Engineering course minimum 2 (two) years relevant experience) after passing B.E./B.Tech./B.Arch./B.Pharm./ M.Sc. degree and getting job, whichever is later, as on last date of online submission of application form, i.e., 3<sup>rd</sup> July, 2017.

Qualifying Examination Result -- 40% weightage  
(B.E/B.Tech/B.Arch/B.Pharm/M.Sc.)

Admission Test (and Interview if required) -- 50% weightage

Relevant Experience -- 10% weightage  
(1 mark per year of relevant experience; Maximum Mark - 10)

\* In Mechanical Engineering Department at least 50% of the Admission Test as the minimum eligibility criterion.

**(C) Self-Sponsored Candidates :**

Qualifying Exam. result -- 50% weightage  
(B.E/B.Tech/B.Arch/B.Pharm/M.Sc.)

[or up to 4<sup>th</sup> yr. 1<sup>st</sup> Semester results / 5th year 1<sup>st</sup> semester in case of Architecture, will be considered for the those candidates whose final results are awaiting]

|                |    |               |
|----------------|----|---------------|
| Admission Test | -- | 50% weightage |
|----------------|----|---------------|

- (D) Passed / Appeared/ due to appear candidates must upload their scanned self-attested copies of all available semester mark-sheets (at least up to 6<sup>th</sup>, preferably 7<sup>th</sup> semester for 4 year UG courses and at least 8<sup>th</sup>, preferably 9<sup>th</sup> semester in case of Architecture; a certificate from Controller of Examiner in case the final year odd semester result is not available) and GATE/GPAT Card at the time of submission of ONLINE Application and bring all Original Semester Marks-sheet and GATE/GPAT Card at the time of Verification of Documents during Admission & Admission Test (schedule given in Table 2).**

## **Selection Algorithm**

During online application candidates will execute their preferences online in order of their liking for each specialization under all courses they have opted for (See Article 14 a & b, Page 3). Reservation for SC/ST and PWD students are there as per GOI notification.

**Step 1:** In case of the courses excluding the ones listed under Note d in Page 4 under Article 15, the eligible Sponsored category candidates will be ranked as per their overall score, as explained under (B) in Page 12 (considering cut off, if any, in the admission test), and offered admission considering rank, preference and availability of seats stated in Tables 3 to 6.

**Step 2:** In case vacancies exist in Sponsored category in courses dealt in Step 1 for the ones listed under Note e in Page 4 under Article 15, then an expanded number of Category C seats will be drawn up by adding the vacant seats in Category B with the original number of Category C seats indicated for these courses.

**Step 3:** In case vacancies exist in Sponsored category in courses dealt in Step 1 but not in Step 2, then an expanded number of Category A seats will be drawn up by adding the vacant seats in Category B with the original number of Category A seats indicated for these courses. The number of reserved seats will also be revised (as per Government rule) at this stage of drawing up the expanded number of Category A seats.

the selection under Category A (GATE/GPAT) will be offered as per the merit list (prepared).

**Step 4:** It involves three stages to fill up the expanded vacancy lists prepared in Step 3. These stages are as follows.

**Step 4a:** Three merit lists (ML-1, ML-2 & ML-3) for Category A candidates are prepared [as explained under (A)] in Page 12 for each **specialization/course**, one ranking all (general+SC+ST) candidates (ML-1), one for SC (ML-2) and the other for ST candidates (ML-3).

**Step 4b:** First offer is made from ML-1. A reserved category candidate may get admission under ML-1.

**Step 4c:** Later, if a reserved category student finds better option from ML-2 or ML-3, he/she gets updated offer, simultaneously offer list for general category from ML-1 is updated.

**Step 5:** In case of Self sponsored candidates, the merit list prepared as explained under (C) in Page 12 and the offers are made

i) in the courses that have only Category C seats (as listed under Note d in Page 4 under Article 15) as per the original number of seats available in this category

iii) in the courses dealt in Step 2 to draw expanded Category C seats,

iii) if vacancy exists in the expanded Category A seats after executing Step 3,

**Step 6:** At any selection round, a candidate will be offered the highest preference seat he/she is qualifying at that stage by following Steps 1 to 5. In subsequent selection rounds, the candidate can keep the option open for upliftment to only higher preference seats against vacancies by taking admission at this stage. For example, if a candidate has executed preference list for 10 specializations, and is offered the 5<sup>th</sup> ranked specialization as per merit list, his/her candidature for the 6<sup>th</sup> through 10<sup>th</sup> options will stand cancelled and his/her candidature for 1<sup>st</sup> till 5<sup>th</sup> choice remains open for subsequent upliftment as per vacancy generated later. Thus the seats are filled-in one after another.

The selection list will display against the name of the selected candidate the preference number indicated by the candidate in the form.

In case of tie, the tie breaking will be executed with preference to higher rule and higher value (admission test score, CGPA, SGPA and/or age) within a Rule following three rules as given next.

**Rule 1:** admission test score, if applicable

**Rule 2:** semester performance of course/s mentioned under Article 4A [% or (CGPA-0.75)X10]

**Rule 3:** semester performance in order from pre-final year even semester to first semester mentioned under Article 4A [% or (SGPA-0.75)X10]

**Rule 4:** age.

**SCHEDULE OF DIFFERENT STAGES OF ADMISSION TO P.G. ENGG./TECH./ARCH/PHARM  
COURSES (2017-18 SESSION)**

The following schedule to be maintained regarding receipt, processing of applications and admission test of the candidates for admission to P.G. Courses in 2017-2018 session:

- A) P.G. Application site opens on : **June 15, 2017**
- B) Last date of online Registration : **June 29, 2017**
- C) Online submission of application : **June 17- July 3 (till 5pm), 2017**  
  
**After submission of registration fees in bank and uploading challan detail in the JU portal, a candidate will be allowed to fill in their remaining information after two bank working days for verification of money being deposited**
- D) Admit Card available for downloading : **at least 4 days before Admission Test**
- E) Acknowledgement Receipt available for downloading for candidates exempted from Admission Test : **July 10, 2017**
- F) Date of Web-posting of Merit list in each course/specialization and 1<sup>st</sup> List of Selected Candidates : **July 17, 2017**
- G) **First Round of Admission** : **July 18-21, 2017**
- H) Date of Web-posting of Merit list in each course/specialization and 2<sup>nd</sup> List of Selected Candidates : **July 22, 2017**
- I) **Second Round of Admission** : **July 24 & 25, 2017**
- J) Date of Web-posting of Merit list in each course/specialization and 3<sup>rd</sup> List of Selected Candidates : **July 27, 2017**
- K) **Third Round of Admission** : **July 31, 2017**
- L) Date of Web-posting of Merit list in each course/specialization and 4<sup>th</sup> List of Selected Candidates : **August 2, 2017**
- M) **Fourth Round of Admission** : **August 3, 2017**
- N) **Date of commencement of class** : **July 24, 2017**

**\* In case of any exigency, the revision of dates will be notified on the website (given in Article 1 in Page 1). Any latter round or closure of the admission process will be duly notified on the website depending on the seat position after fourth round.**

## **TABLE 2: ADMISSION TEST SCHEDULE**

### **FOR GATE/GPAT, SPONSORED AND SELF-SPONSORED CANDIDATES**

Candidates are requested to download their Admit-card (available under application status link) and to bring his/her admit card after pasting his/her recent photograph also with signature in the specified space at the time of admission test.

| Sl. No | Name of the Course  | Admission Test on | Admission Test Time | Venue   |
|--------|---|-------------------|---------------------|---|
| 1      | Architecture (FET)<br><b>For GATE, Sponsored and Self sponsored candidates</b>                        | July 10, 2017     | 12-30 pm            | Arch. Dept., Main Campus                                      |
| 2      | Automobile Engg. (FET)<br><b>For Sponsored Candidates only</b>  | July 12, 2017     | 10-00 am            | Mech. Engg., Dept, Main Campus                                |
| 3      | Biomedical Engineering (FISLM)<br><b>For GATE, Sponsored and Self sponsored Candidates</b>            | July 14, 2017     | 02-30 pm            | Mechanical Engineering Dept., Main Campus                     |
| 4      | Bioprocess Engineering (FET)<br><b>For Self Sponsored candidates only</b>                             | July 10, 2017     | 04-30 pm            | Chemical Engg. Dept., Main Campus                             |
| 5      | Chemical Engg. (FET)<br><b>For Sponsored candidates only</b>  | July 11, 2017     | 10-30 am            | Chemical Engg. Dept., Main Campus                             |
| 6      | Civil Engineering (FET)<br><b>For Sponsored Candidates only</b>                                       | July 12, 2017     | 12-00 hrs           | Civil Engineering Dept., Main Campus                          |
| 7      | Clinical Pharmacy & Pharmacy Practice (FET)<br><b>For Sponsored and Self Sponsored Candidates</b>     | July 10, 2017     | 12-30 pm            | Pharmacy Dept, Main Campus                                    |
| 8      | Computer Sc. & Engg. (FET)<br><b>For Sponsored candidates only</b>                                    | July 10, 2017     | 10-30 pm            | Computer Sc. & Engg. Dept., Main Campus                       |
| 9      | Computer Tech. (6-Semester - Evening) (FET)<br><b>For Self sponsored Candidates only</b>              | July 10, 2017     | 02-30 pm            | Computer Sc Dept, Main Campus                                 |
| 10     | Construction Engg. (6-Semester - Evening) (FET)<br><b>For Sponsored and Self Sponsored candidates</b> | July 11, 2017     | 10-30 am            | Construction Engg Dept, Salt Lake Campus                      |
| 11     | IT (Courseware Engg.) (FISLM)<br><b>For Sponsored and Self Sponsored candidates</b>                   | July 12, 2017     | 12-00hrs            | School of Education Technology, Jupiter Building, Main Campus |
| 12     | Distributed & Mobile Computing (FISLM)<br><b>For Sponsored and Self sponsored Candidates</b>          | July 11, 2017     | 10-30 am            | School of Mobile Computing, Salt Lake Campus                  |
| 13     | Electrical Engg. (FET)<br><b>For Sponsored candidates only</b>  | July 12, 2017     | 03-30 pm            | Electrical Engineering Dept., Main Campus                     |
| 14     | Electronics & Tele. Comm. Engg. (FET)<br><b>For Sponsored Candidates only</b>                         | July 12, 2017     | 02-00 pm            | ETCE Dept, Main Campus  |
| 15     | Energy Science & Technology (FISLM)<br><b>For GATE, Sponsored and Self sponsored Candidates</b>       | July 12, 2017     | 10-30 am            | Civil Engineering Dept., Main Campus                          |

| Sl. No | Name of the Course  | Admission Test on | Admission Test Time | Venue   |
|--------|---|-------------------|---------------------|---|
| 16     | Environmental Biotechnology (FISLM)<br><b>For Self sponsored Candidates only</b>                | July 10, 2017     | 10-30 am            | TEQIP Building, Main Campus                                   |
| 17     | Food Tech. & Biochemical Engg. (FET)<br><b>For Sponsored and Self Sponsored candidates</b>      | July 10, 2017     | 12-30 hrs           | Food Tech. Dept., Main Campus                                 |
| 18     | Illumination Engg. (FET)<br><b>For Self-sponsored Candidates only</b>                           | July 10, 2017     | 10-30 am            | Electrical Engineering Dept., Main Campus                     |
| 19     | Illumination Engg. (FISLM)<br><b>For Sponsored and Self Sponsored candidates</b>                | July 13, 2017     | 12-30 pm            | Electrical Engineering Dept., Main Campus                     |
| 20     | Instrumentation & Electronics Engg. (FET)<br><b>For Sponsored and Self Sponsored candidates</b> | July 11, 2017     | 12-30 pm            | Instrumentation & Electronics Engg. Dept., Salt Lake Campus   |
| 21     | Intelligent Automation & Robotics (FET)<br><b>For Sponsored and Self Sponsored candidates</b>   | July 10, 2017     | 04-30 pm            | ETCE Dept, Main Campus  |
| 22     | Laser Technology (FISLM)<br><b>For Self sponsored Candidates only</b>                           | July 13, 2017     | 04-30 pm            | Mechanical Engineering Dept., Main Campus                     |
| 23     | Material Engg. (FET)<br><b>For Sponsored and Self sponsored Candidates</b>                      | July 13, 2017     | 10-30 am            | Metallurgy Dept., Main Campus                                 |
| 24     | Mechanical Engg. (FET)<br><b>For Sponsored Candidates only</b>                                  | July 12, 2017     | 10-00 am            | Mechanical Engineering Dept., Main Campus                     |
| 25     | Metallurgical Engg. (FET)<br><b>For Sponsored and Self sponsored Candidates</b>                 | July 12, 2017     | 02-00 pm            | Metallurgical Engineering Dept., Main Campus                  |
| 26     | Multi Media Development (FISLM)<br><b>For Sponsored and Self sponsored Candidates</b>           | July 13, 2017     | 12-30 pm            | School of Education Technology, Jupiter Building, Main Campus |
| 27     | Nano Science & Technology (FISLM)<br><b>For GATE, Sponsored and Self sponsored Candidates</b>   | July 13, 2017     | 02-30 pm            | TEQIP Building, Main Campus                                   |
| 28     | Nuclear Engineering (FISLM)<br><b>For GATE, Sponsored and Self sponsored Candidates</b>         | July 12, 2017     | 10-30 am            | TEQIP Building, Main Campus                                   |
| 29     | Pharmacy (FET)<br><b>For Sponsored Candidates only</b>  | July 10, 2017     | 12-30 pm            | Pharmacy Dept, Main Campus                                    |
| 30     | Power Engg. (FET)<br><b>For GATE, Sponsored and Self sponsored candidates</b>                   | July 11, 2017     | 10-30 am            | Power Engg. Dept, Salt Lake Campus                            |
| 31     | Printing Engg. & Graphic Communication (FET)<br><b>For Self sponsored Candidates only</b>       | July 11, 2017     | 02-30 pm            | Printing Engg, Salt Lake Campus                               |



| Sl. No | Name of the Course   | Admission Test on | Admission Test Time | Venue                                     |
|--------|--|-------------------|---------------------|---|
| 32     | Production Engineering (FET)<br><b>For Sponsored and Self sponsored Candidates</b>   | July 10, 2017     | 10-30 am            | Production Engineering Dept., Main Campus |
| 33     | Software Engg. (FET)<br><b>For Sponsored Candidates only</b>   | July 11, 2017     | 04-30 pm            | IT Engg. Dept, Salt Lake Campus           |
| 34     | Water Resources & Hydraulic Engineering (4-Sem. - Day) (FISLM)<br><b>For GATE, Sponsored and Self Sponsored candidates</b> | July 10, 2017     | 12-00 hrs           | Mechanical Engineering Dept., Main Campus |
| 35     | Water Resources & Hydraulic Engineering (6-Sem.-Evening) (FISLM)<br><b>For Sponsored and Self Sponsored candidates</b>     | July 10, 2017     | 01-00 pm            | Mechanical Engineering Dept., Main Campus |
| 36     | VLSI Design & Micro Electronics (6-Semester - Evening) (FET)<br><b>For Sponsored and Self Sponsored candidates</b>         | July 10, 2017     | 12-30 pm            | Electronics Dept, Main Campus             |

- A) Once a candidate takes admission in any course/course with specialization, his/her selection in all courses of lower preferences will be automatically cancelled.
- B) First semester class will commence from July 24, 2017.
- C) After a student takes provisional admission, if he/she decides to opt out, a switch will be available to him/her online where he/she could express his/her willingness to discontinue making way for candidates waiting to take admission.
- D) While taking the admission, a candidate must give a declaration that "I, **Full Name of the candidate**, understand that my admission is liable to get cancelled, if I remain absent for two weeks or more at a stretch without providing any prior intimations over email to Department/School of **Name of the Department/School** along with uploading the scanned copy of the document that explains the reason of possible absence like serious health issue. I have noted the email ID to be used for the purpose, if necessary."
- E) **GATE qualified candidates may apply for scholarship through AICTE/UGC Portal as and when advertisement issued by AICTE/UGC.**

### TABLE – 3

#### AICTE APPROVED INTAKE & SEMESTER FEES FOR M.E./M. TECH COURSES IN ENGG./TECH./ARCH./PHARM UNDER FET FOR THE SESSION 2017-18

| M.E./M. Tech Courses                                  | GATE / GPAT |     |     | Sponsored / Self-Sponsored                                    | Tuition Fees per Semester   |                    |                 |
|---|-------------|-----|-----|---|---|--------------------|-----------------|
|   | Gen         | *SC | *ST |   | GATE (Rs.)  | Self-Sponsor (Rs.) | Sponsored (Rs.) |
| 1. Arch.  | 4           | 1   | 1   | 2   | 2400/-  | 2400/-             | 24,000/-        |
| 2. Automobile Engg.                                   | 3           | 1   | 0   | 1   | 12000/-   | 12,000/-           | 30,000/-        |
| 3. Bioprocess Engg.                                   | 0           | 0   | 0   | 10<br>SS (Gen) - 7<br>SS(SC) – 2<br>SS (ST) – 1               |   | 24,000/-           | 30,000/-        |
| 4. Chemical Engg.                                     | 11          | 3   | 1   | 4   | 2400/-  | 2400/-             | 24,000/         |
| 5. Civil Engg.  | 15          | 4   | 1   | 5   | 2400/-  | 2400/-             | 24,000/         |
| a. Structural Engg.                                   | 6           | 2   |     | 2   |   |                    |                 |
| b. Soil Mechanics & Foundation Engg.                  | 5           | 1   |     | 2   |   |                    |                 |
| c. Environmental Engg.                                | 4           | 1   |     | 1   |   |                    |                 |
| 6. Clinical Pharmacy & Pharmacy Practice              | 0           | 0   | 0   | 8<br>SS (Gen) - 4<br>SS(SC) – 1<br>SS (ST) - 1<br>Spon. – 2   | Total course fee is Rs.300000/-<br>Rs.1,50,000/- payable at the time of admission and remaining fees have to pay in equal 3 semester i.e. Rs.50,000/- in each semester. |                    |                 |
| 7. Computer Sc. & Engg.                               | 17          | 6   | 2   | 6   | 2400/-  | 2400/-             | 24,000/         |
| 8. Computer Tech. (6-Semester)                        | 0           | 0   | 0   | 33<br>SS (Gen) -24<br>SS (SC) – 7<br>SS (ST) – 2              | --  | 22500/-            |                 |
| 9. Construction Engg. (6-Semester)<br>Non-GATE Course | 0           | 0   | 0   | 18<br>SS (Gen)- 10<br>SS (SC) - 2<br>SS (ST) – 1<br>Spon. – 5 | --  | 24,000/-           | 30,000/-        |
| 10. Electrical Engg.                                  | 15          | 4   | 1   | 5   | 2400/-  | 2400/-             | 24,000/         |
| a. Electrical Power Systems                           | 3           | 1   |     | 1   |   |                    |                 |
| b. Electrical Machines                                | 3           | 1   |     | 1   |   |                    |                 |
| c. High Voltage Engg.                                 | 3           | 1   |     | 1   |   |                    |                 |
| d. Control Systems                                    | 3           | 1   |     | 1   |   |                    |                 |
| e. Electrical Measurement & Instrumentation           | 3           | 1   |     | 1   |   |                    |                 |
| 11. Electronics & Tele. Comm. Engg.                   | 15          | 4   | 1   | 5   | 2400/-  | 2400/-             | 24,000/         |
| a.Computer  | 3           | 1   |     | 1   |   |                    |                 |
| b.Communication                                       | 3           | 1   |     | 1   |   |                    |                 |
| c.Control   | 3           | 1   |     | 1   |   |                    |                 |
| d.Microwave   | 3           | 1   |     | 1   |   |                    |                 |
| e.Electron Devices                                    | 3           | 1   |     | 1   |   |                    |                 |
| 12. Food Tech. & Bio-Chemical                         | 4           | 1   | 1   | 2   | 2400/-  | 2400/-             | 24,000/         |

| M.E./M. Tech Courses  | GATE / GPAT |     |     | Sponsored / Self-Sponsored                                    | Tuition Fees per Semester |                    |                 |
|---|-------------|-----|-----|---|---------------------------|--------------------|-----------------|
|   | Gen         | *SC | *ST |   | GATE (Rs.)                | Self-Sponsor (Rs.) | Sponsored (Rs.) |
| 13. Illumination Engg.  | 10          | 2   | 1   | 5   | 12000/-                   | 12,000/-           | 30,000/-        |
| 14. Instrumentation & Electronics   | 4           | 1   | 1   | 2   | 2400/-                    | 2400/-             | 24,000/-        |
| 15. Intelligent Automation & Robotics (6-Semester)<br><b>Non-GATE Course</b>  | 0           | 0   | 0   | 18<br>SS (Gen) -10<br>SS (SC) – 2<br>SS (ST) – 1<br>Spon. – 5 |                           | 18,000/-           | 30,000/-        |
| 16. Material Engg   | 10          | 2   | 1   | 5   | 2400/-                    | 2400/-             | 24,000/-        |
| 17. Mechanical Engg.  | 15          | 4   | 1   | 5   | 2400/-                    | 2400/-             | 24,000/-        |
| a.Heat Power  | 3           | 1   |     | 1   |                           |                    |                 |
| b. Machine Design   | 3           | 1   |     | 1   |                           |                    |                 |
| c.Applied Mechanics   | 3           | 1   |     | 1   |                           |                    |                 |
| d.Production  | 3           | 1   |     | 1   |                           |                    |                 |
| e.Fluid Mechanics & Hydraulics Engg.  | 3           | 1   |     | 1   |                           |                    |                 |
| 18. Metallurgical Engg.   | 5           | 2   | 1   | 2   | 2400/-                    | 2400/-             | 24,000/-        |
| 19. Pharmacy  | 15          | 4   | 1   | 5   | 2400/-                    | 2400/-             | 24,000/-        |
| 20. Power Engg.   | 10          | 2   | 1   | 5   | 12000/-                   | 12,000/-           | 30,000/-        |
| 21. Printing Engg. & Graphic Communication                                    | 0           | 0   | 0   | 10<br>SS (Gen) - 7<br>SS (SC) – 2<br>SS (ST) – 1              |                           | 24,000/-           | 30,000/-        |
| 22. Production Engg   | 7           | 2   | 1   | 3   | 2400/-                    | 2400/-             | 24,000/-        |
| 23. Software Engg   | 15          | 3   | 2   | 5   | 18000/-                   | 18,000/-           | 30,000/-        |
| 24. VLSI Design & MicroElectronics.<br>(6-Semester)<br><b>Non GATE Course</b> | 0           | 0   | 0   | 18<br>SS (Gen) -10<br>SS (SC) – 2<br>SS (ST) -1<br>Spon.- 5   | --                        | 18,000/-           | 30,000/-        |

**TABLE – 4****AICTE APPROVED INTAKE & SEMESTER FEES FOR M.E./M. TECH COURSES IN ENGG./TECH (GATE) UNDER FISLM FOR THE SESSION 2017-18**

| Sl. No. | M.E./M.Tech. Courses                                 | GATE  |    |    | *SP / SSP | Tuition Fees per Semester |           |          |   |
|---------|--|-------|----|----|-----------|---------------------------|-----------|----------|---|
|         |  | *Gen  | SC | ST |           | GATE (Rs.)                | SSP (Rs.) | SP (Rs.) | Funding Authority for PG GATE Scholarship |
| 1       | Energy Science & Technology                          | 7     | 2  | 1  | 3         | 2400/-                    | 2400/-    | 24000/-  | UGC                                       |
| 2       | Biomedical Engineering & Science                     | 3     | 1  | 1  | 6         | 2400/-                    | 2400/-    | 24000/-  | UGC                                       |
| 3       | Water Resources & Hydraulic Engineering (4-Semester) | 10    | 2  | 1  | 5         | 2400/-                    | 2400/-    | 24000/-  | AICTE                                     |
| 4       | IT (Courseware Engineering)                          | 10    | 2  | 1  | 5         | 12000/-                   | 12000/-   | 30000/-  | AICTE                                     |
| 5       | Nano Science & Technology                            | 10 +2 | 2  | 1  | 5         | 12000/-                   | 12000/-   | 30000/-  | AICTE                                     |
| 6       | Distributed & Mobile Computing                       | 9     | 2  | 1  | 3         | 18000/-                   | 18000/-   | 30000/-  | AICTE                                     |
| 7       | Nuclear Engineering                                  | 10    | 2  | 1  | 5         | 12000/-                   | 12000/-   | 30000/-  | AICTE                                     |

\* Gen: General, SP: Sponsored, SSP: Self-Sponsored

**TABLE – 5****AICTE APPROVED INTAKE & SEMESTER FEES FOR M.E./M. TECH COURSES IN ENGG./TECH (NON-GATE) UNDER FISLM FOR THE SESSION 2017-18**

| Sl. No. | M.E./M.Tech. Courses                                 | SSP |    |    | SP | Tuition Fees per Semester |          |
|---------|--|-----|----|----|----|---------------------------|----------|
|         |  | Gen | SC | ST |    | SSP (Rs.)                 | SP (Rs.) |
| 1       | Environmental Biotechnology                          | 7   | 2  | 1  | 0  | 24000/-                   | 30000/-  |
| 2       | Laser Technology                                     | 7   | 2  | 1  | 0  | 24000/-                   | 30000/-  |
| 3       | Illumination Technology & Design (6-Semester)        | 10  | 2  | 1  | 5  | 24000/-                   | 30000/-  |
| 4       | Water Resources & Hydraulic Engineering (6-Semester) | 10  | 2  | 1  | 5  | 27000/-                   | 36000/-  |

However, Self-sponsored candidates having GATE Score may apply for AICTE Scholarship as and when advertisement is issued by AICTE.

**TABLE – 6****UGC APPROVED INTAKE & SEMESTER FEES FOR M.E./M. TECH COURSES IN ENGG./TECH (NON-GATE) UNDER FISLM FOR THE SESSION 2017-18**

| Sl. No. | Other Courses          | SSP |    |    | SP | Tuition Fees per Semester |          |
|---------|------------------------|-----|----|----|----|---------------------------|----------|
|         |                        | Gen | SC | ST |    | SSP (Rs.)                 | SP (Rs.) |
| 1       | Multimedia Development | 16  | 5  | 1  | 3  | 12000/-                   | 30000/-  |