

**UNIVERSITY OF CALCUTTA**

**M.TECH. ADMISSION NOTICE**

**Session 2018-2019**

**Website : [www.caluniv.ac.in](http://www.caluniv.ac.in) & [www.caluniv-ucsta.net](http://www.caluniv-ucsta.net)**

Applications are invited for admission in following M.Tech Courses for the Session 2018-2019

**2 Yr. (4 Semesters) Full Time M.Tech. Courses**

(1) Radio Physics & Electronics (RPE, Code No.101) ; (2) VLSI DESIGN (VLSI, Code No.102) (Self Financing); (3) Computer Sc. & Engg. (CSE, Code no.104); (4) Information Technology (IT, Code no.105) Self Financing); (5) Electrical Engineering (EE, Code No.108); (6) Instrumentation and Control Engineering (ICE, Code No.109); (7) Optics and Optoelectronics (OO, Code No.107); (8) Chemical Engineering (CE, Code No.112); (9) Polymer Science & Technology (PST, Code No.117); (10) Ceramic Engineering (CR, Code No.113); (11) Oil Technology (OT, Code No.114); (12) Petrochemical & Petroleum Refinery Engineering (PE, Code No.115); (13) Pharmaceutical Technology (PT, Code No.116); (14) Biomedical Instrumentation (BMI, Code No.119) (Self Financing).

**3 Yr. (6 Semesters) Part Time M.Tech. Courses**

(15) Electrical Engineering (EE-PT, Code No.110) (Self Financing); (16) Instrumentation & Control Engineering (ICE-PT, Code No.111), (Self Financing); (17) Computer Engineering & Application (CEA-PT, Code No.106) (Self Financing); (18) VLSI Design (VLSI-PT, Code No.103) (Self Financing).

All the above 18 courses are held in the University College of Science & Technology, Rashbehari Siksha Prangan (C.U. Rajabazar Science College Campus) 92, A.P.C. Road, Kolkata – 700009 and Technology Campus, A.P.C. Siksha Prangan, JD-2, Salt Lake, Sector – III, Kolkata – 700106

(19) 2 yr. (4 semesters) M.Tech. Course in Textile Technology (Technical Textiles) (TT Code No.118) in the Dept. of Jute & Fibre Technology, 35 B.C. Road, Kolkata – 700019.

For detailed notice visit websites [www.caluniv.ac.in](http://www.caluniv.ac.in) & [www.caluniv-ucsta.net](http://www.caluniv-ucsta.net)

Secretary, UCSTA, C.U.  
92, A.P.C. Road, Kolkata – 700009.

## **RPE, VLSI & VLSI-PT**

### **Department of Radio Physics and Electronics**

**Address- Rash Bihari Shiksha Prangan, C.U. Rajabazar Science College Campus,  
92, A.P.C. Road, Kolkata-700009**

#### **A) Radio Physics & Electronics (RPE): 2-Year (4 Semesters) Full time M.Tech. Course in the Department of Radio Physics & Electronics (Subject Code: 101)**

##### **Eligibility:**

- (i) B.Tech degree in Radio Physics & Electronics of C.U
- (ii) B.Tech degree in Information Technology **of C.U. only**
- (iii) B.Tech./B.E. in Electronics & Communication /Telecommunication Engg. from any recognized University.
- (iv) M.Sc. degree in Electronics Science with valid GATE qualified score in EC for both C.U. & Non C.U..
- (v) M.Sc. degree in Physics (with advanced papers in Electronics) of the University of Calcutta and B.Sc. with Hons. in Physics & Mathematics as a general subjects with valid GATE qualified score in EC for both C.U. & Non C.U..
- (vi) A degree from any other University / Institution equivalent to (i) above.

**Seat : Non Sponsored : 36**

**OBC : 2**

**Sponsored : 4**

1. **Non-CU** applicants should have the following eligibility criteria:

- (i) Secured at least 60% marks or its equivalent grade in B.Tech level;
- (ii) A valid GATE qualified score in relevant subject (Electronics and Communication).

**All Non-CU. Degrees must be approved by the UGC/AICTE and equivalent to the C.U. degree in the respective subjects.**

**Except C.U. current year students who have passed / appeared final B.Tech. examination in Radiophysics & Electronics and Information Technology students, all have to go through Entrance Test followed by Interview.**

**GATE qualified valid score is mandatory for Non-CU candidates.**

**Separate Application to be submitted for the course.**

**PART A :- Current year C.U. B.Tech in RPE & IT students will be considered in PART A.**

These candidates are exempted from Entrance Test & Interview.

**PART B - : All eligible candidates including those are eligible for PART A.**

All have to go through Entrance Test followed by Interview.

#### **B) VLSI DESIGN: 2-Year (4 Semesters) Full time M.Tech. course in the Department of Radio Physics & Electronics (Self Financing Course) (Subject Code : 102)**

##### **Eligibility:**

- i) B.Tech. degree in Radio Physics and Electronics of C.U.
- ii) B.Tech / BE degree in Electronics & Communication / Telecommunication Engg. From a recognised University / Institute
- iii) B.Tech. degree in Information Technology of CU
- iv) B.Tech degree in Computer Science and Engineering of CU
- v) M.Sc. degree in Electronics Science with valid GATE qualified score in EC/CS for both C.U. & Non C.U..
- vi) A degree equivalent to (i), OR (iv) from any University/Institute recognized by the University of Calcutta.

**Non-CU applicants should have the following eligibility criteria:**

- (i) Secured at least 60% marks or its equivalent grade in B.Tech level;
- (ii) A valid GATE qualified score in relevant subjects {Electronics & Communication (EC) and Computer Science (CS)}.

**All Non-CU. Degrees must be approved by the UGC/AICTE and equivalent to the C.U. degree in the respective subjects.**

**Separate Application to be submitted for the course.**

**Except C.U. current year B.Tech. in Radiophysics & Electronics and Information Technology, All have to go through Entrance Test followed by Interview.**

**GATE qualified valid score is mandatory for Non-CU candidates.**

**Seat : Non sponsored : 13 including 3 yr. part -time (103) OBC : 1 Sponsored : 5**

**PART A :- Current year C.U. B.Tech in RPE & IT students will be considered in PART -A.**

These candidates are exempted from Entrance Test & Interview.

**PART B - : All eligible candidates including those are eligible for PART A.**

All have to go through Entrance Test followed by Interview.

**C) VLSI DESIGN (VLSI-PT) : 3-Year (6 Semesters ) Part time M.Tech. course in the Department of Radio Physics & Electronics (Self Financing Course) (Subject Code : 103)**

**Eligibility:**

- i) B.Tech. degree in Radio Physics and Electronics of C.U.
- ii) B.Tech / BE degree in Electronics & Communication / Telecommunication Engg. From a recognised University / Institute
- iii) B.Tech. degree in Information Technology of CU
- iv) B.Tech degree in Computer Science and Engineering of CU
- v) M.Sc. degree in Electronics Science
- vi) A degree equivalent to (i), OR (iv) from any University/Institute recognized by the University of Calcutta.

**Candidates employed in a relevant Industry / Institute are only eligible to apply.**

**For Non-C.U. candidates, at least 60% marks or its equivalent grade in last qualifying examination is required. Except C.U. current year B.Tech. in Radiophysics & Electronics and Information Technology. All have to go through Entrance Test followed by Interview.**

**All Non-CU. Degrees must be approved by the UGC/AICTE and equivalent to the C.U. degree in the respective subjects.**

**Current Year candidates are not eligible to apply.**

**Total Seat : included in 2-yr. Full Time course (102)**

**Candidates applying for Part-Time option** must be employed in an organization involved in VLSI Design related activities. Such candidates must submit Certificates from their employers indicating that

- a) the company is engaged in VLSI related activity and that the candidate is employed in the company for involvement in such activities

**and**

- b) that he/she will be released from the place of employment to attend classes in the University of Calcutta in the first half (upto 2:00 PM) of each working day during the entire period of the course of 3-year duration.

**Separate Application is to be submitted for the course.**

## **CSE**

### **Department of Computer Sc. & Engg.**

**Address : CU Technology Campus, JD-2, Sector-III, Salt Lake, Kolkata-700106**

**Computer Science & Engineering (CSE)- 2 Year( 4 Semesters) Full time M.Tech. Course in the Department of Computer Science & Engineering (Subject Code : 104)**

#### **Eligibility :**

- i) B.Tech / B.E. in Computer Science / Computer Science & Engineering / Computer Science & Technology,
- ii) MCA (with B.Sc. Honours in Physics / Mathematics / Statistics / Computer Science / Electronics Science) from CU only
- iii) M.Sc in Computer & Information Science (with B.Sc. Honours in Computer Science) from University of Calcutta
- iv) B.Tech. in I.T. (CU only) or
- v) Equivalent degree of B.Tech. in Computer Science & Engg. of Calcutta University.

Non-C.U. candidates must have at least 60% or its equivalent grade in last qualifying examination. **All Non-CU candidate must have GATE qualifying valid Score.**

**All Non-CU. Degrees must be approved by the UGC/AICTE and equivalent to the C.U. degree in the respective subjects**

**Except C.U. current year B. Tech. in CSE, and IT and the CU MCA candidates, all have to go through Entrance Test followed by Interview.**

**GATE qualified valid score is mandatory for Non-CU candidates.**

**Seat : Non Sponsored : 36**

**OBC :2**

**Sponsored : 5**

**NB: One seat each earmarked for MCA & B.Tech. IT under Category-A.**

**PART A :- Current year C.U. B.Tech in CSE, IT & MCA students will be considered in PART A.**

These candidates are exempted from Entrance Test & Interview.

**PART B - : All eligible candidates including those are eligible for PART A.**

All have to go through Entrance Test followed by Interview.

**Separate application form is to be submitted for the above course**

## IT, CEA-PT

**A.K.CHOUDHURY SCHOOL OF INFORMATION TECHNOLOGY**  
**Address : CU Technology Campus, JD-2, Sector-III, Salt Lake, Kolkata-700106**

**A) Information Technology (IT) - 2 Year (4 Semesters) Full time M.Tech. IT (Self Financing Course) (Subject Code: 105) Course in the AK Chowdhury School of IT.**

### **Eligibility :**

- i) B.Tech./B.E. in Information Technology
- ii) B.Tech./B.E. in Computer Science & Engineering
- iii) M.Sc. in Computer Science / Computer & Information Science with B.Sc.(Hons.) in Computer Science from University of Calcutta or equivalent,
- iv) M.C.A. with B.Sc. Honours in Computer Science / Physics / Mathematics / Electronics / Statistics.
- v) MCA with Computer Application (major) from University of Calcutta.

All candidates should have mathematics as one of the subject and at least 60% marks in Mathematics at (10+2) level).

**# Candidate with BCA at Graduation level is not eligible.**

2. **Non-CU** applicants should have the following eligibility criteria:

- (i) Secured at least 60% marks or its equivalent grade in B.Tech level or last qualifying exam.

**All Non-CU. Degrees must be approved by the UGC/AICTE and equivalent to the C.U. degree in the respective subjects**

**Except C.U. current year B.Tech. in CSE, IT and M.C.A. candidates, all others have to go through Entrance Test followed by Interview.**

**Gate qualified valid score is not mandatory for both C.U. & Non C.U. Candidates**

**PART - A :- Current year C.U. B.Tech in CSE, IT and M.C.A students will be considered in PART A.**

These candidates are exempted from Entrance Test & Interview.

**PART B - : All eligible candidates including those are eligible for PART A.**

All have to go through Entrance Test followed by Interview.

**Seat : - Non Sponsored: 16**

**OBC – 1**

**SPONSORED - 2**

**B) Computer Engineer and Application (CEA-PT) - 3 Year (6 Semesters) Part Time Evening M.Tech. CEA Course in the AKC School of IT (Self Financing Course) (Subject Code : 106)**

### **Eligibility :**

- i) Any Engineering Graduate
- ii) MCA with Mathematics as one of the subject at B.Sc (Hons.) level
- iii) Master Degree holder in Science with Mathematics as one of the subject at B.Sc (Hons.) level

**# Candidate with BCA at Graduation level is not eligible.**

Both C.U. and Non-C.U. candidates will have to appear for an Entrance Test followed by Interview.

**All Non-CU. Degrees must be approved by the UGC/AICTE and equivalent to the C.U. degree in the respective subjects**

For Non-C.U. candidates, at least 60% or its equivalent grade in last qualifying examination.

Classes of part time courses are held daily 5.00 P.M. to 9.00.P.M. (Monday to Friday) except holidays.

**All have to go through Entrance Test followed by Interview.**

**Seat:**

**Non Sponsored: 16**

**OBC : 1**

**Sponsored: 2**

**CLASSIFICATION OF PART -A & PART -B ARE NOT APPLICABLE**

Separate application form is to be submitted in order of preference (if eligible) for the courses.

**OO**

**Department of Applied Optics & Photonics**

Address : CU Technology Campus, JD-2, Sector-III, Salt Lake, Kolkata-700106

**Optics and Optoelectronics (OO) (Code- 107) – 2 Year (4 Semester) Full time M.Tech. Courses in the Department of Applied Optics and Photonics.**

**Eligibility:-**

**B.Tech in**

- i) Optics & Optoelectronics of C.U.
- ii) Electronics & Communication Engg
- iii) Electronics Engg.
- iv) Instrumentation Engg.
- v) Instrumentation and Control Engg.
- vi) Applied Electronics & instrumentation
- vii) Instrumentation & Electronics
- viii) Electronics & Instrumentation
- ix) Or Equivalent of (i)

**b) M.Sc. in**

- i) Physics
- ii) Electronics
- iii) Bio-Medical Instrumentation

**2. For Non-CU candidates seeking admission to M.Tech in Optics & Optoelectronics, the CUT-OFF marks will be 60% in B.Tech./ B.E. examination or 60% in M.Sc. examination.**

**Gate qualified valid score is not mandatory for both C.U. & Non C.U. Candidates**

**3. Except C.U. current year B.Tech. in Optics and Optoelectronics candidates, all have to go through Entrance Test & Interview.**

**Seat: Non Sponsored – 13 , OBC : 1 Sponsored – 5**

**PART A:- Current year C.U. B.Tech in Optics and Optoelectronics students will be considered in PART A.**

These candidates are exempted from Entrance Test & Interview.

**PART B - : All eligible candidates including those are eligible for PART A.**

All have to go through Entrance Test followed by Interview.

**Separate application form to be submitted for the above courses.**

## **EE, ICE, EE - PT & ICE- PT**

### **Department of Applied Physics**

**Address- Rash Bihari Shiksha Prangan, C.U. Rajabazar Science College Campus,  
92, A.P.C. Road, Kolkata-700009**

**(A) Electrical Engineering (EE) ( Code – 108 ) - 2-year (4-semester) Full time M. Tech. Course in the Department of Applied Physics. M.Tech. in Electrical Engineering with specialization in a) Smart Grid Systems and b) Advanced Control and Measurement Systems.**

**General eligibility:** BE/ B. Tech. Degree in

- i) Electrical Engineering
- ii) Electrical & Electronics Engineering
- iii) Power Engineering
- iv) Instrumentation Engineering
- v) Instrumentation & Control Engineering
- vi) Applied Electronics & Instrumentation Engineering
- vii) Electronics & Instrumentation Engineering
- viii) Instrumentation & Electronics Engineering

**from any UGC approved University / AICTE recognized institute is eligible to apply for admission in the above course.**

#### **SPECIALIZATION OF STREAM:**

**Specialization of stream is to be offered by the Department after admission subject to availability of seat.**

**Candidate having B.E./ B.Tech degree in Sl. No. (i), (ii), (iii) as mentioned above is eligible for both specialization in (a) SMART GRID SYSTEM (b) ADVANCED CONTROL AND MEASUREMENT SYSTEMS.**

**Candidate having B.E./ B.Tech degree in Sl. No. (iv), (v), (vi), (vii), (viii) as mentioned is eligible for specialization in only ADVANCED CONTROL AND MEASUREMENT SYSTEMS.**

#### **Non-CU applicants should have the following eligibility criteria:**

- (i) Secured 60% marks or its equivalent in B.E/B.Tech degree.
- (iii) A valid GATE qualified score.

**Except current year C.U. B.Tech in EE students, all have to go through Entrance Test followed by Interview.**

**All Non-CU. Degrees must be approved by the UGC/AICTE and equivalent to the C.U. degree in the respective subjects.**

**GATE qualified valid score is mandatory for Non-CU candidates.**

Seat:            Non sponsored: 13                    OBC : 1                    Sponsored: 5

**PART A :- Current year C.U. B.Tech in EE students will be considered in PART A.**

These candidates are exempted from Entrance Test & Interview.

**PART B :- All eligible candidates including those are eligible for PART A.**

All have to go through Entrance Test followed by Interview.

**(B) Instrumentation and Control Engineering (ICE) ( Code – 109 ) - 2-year (4-semester) Full time M. Tech. Course in the Department of Applied Physics.**

**General Eligibility:** BE / B.Tech Degree in

- i) Instrumentation Engineering
- ii) Instrumentation & Control Engineering
- iii) Applied Electronics & Instrumentation Engineering
- iv) Electronics & Instrumentation Engineering
- v) Instrumentation & Electronics Engineering
- vi) Electronics & Communication Engineering
- vii) Electronics & Telecommunication Engineering
- viii) Electronics Engineering

**from any UGC approved University / AICTE recognized Institute is eligible to apply for admission in the said courses.**

**Non-CU applicants should have the following eligibility criteria:**

- (i) Secured 60% marks or its equivalent in B.E/B.Tech degree.
- (ii) A valid GATE qualified score.

**All Non-CU. Degrees must be approved by the UGC/AICTE and equivalent to the C.U. degree in the respective subjects.**

**Except current year C.U. B.Tech in IE students, all have to go through Entrance Test followed by Interview.**

**GATE qualified valid score is mandatory for Non-CU candidates.**

Seat: Non sponsored: 13                      OBC : 1                      Sponsored: 5

**PART A :- Current year C.U. B.Tech in IE students will be considered in PART A.**

These candidates are exempted from Entrance Test & Interview.

**PART B - : All eligible candidates including those are eligible for PART A.**

All have to go through Entrance Test followed by Interview.

**(C) Electrical Engineering (EE-PT) ( Code – 110 ) : 3-year (6-semester) Part time M. Tech. Course in the Department of Applied Physics (Self Financed course). M.Tech. Course in Electrical Engineering with Specialization in Power Systems.**

**General Eligibility:** BE/ B. Tech. Degree in

- i) Electrical Engineering
- ii) Electrical & Electronics Engineering
- iii) Power Engineering

or any equivalent degree from any UGC approved University / AICTE recognized institute is eligible to apply for admission in the said courses.

**Applicants should have the following eligibility criteria:**

- (i) Secured 60% marks or its equivalent in B.E/B.Tech degree.
- (ii) Current year passed out C.U. Students are eligible to apply.
- (iii) Current year passed out Non-C.U. Students are eligible to apply.

All have to go through Entrance Test followed by Interview.

**All Non-CU. Degrees must be approved by the UGC/AICTE and equivalent to the C.U. degree in the respective subjects.**

Seat: Non-sponsored: 13                      OBC : 1                      Sponsored: 5

**Additional weightage will be give for the Candidates with working experience.**



**Classes of Part time courses are held daily 5.00 to 9.00 P.M. (Monday to Friday except holiday)**

**(D) Instrumentation and Control Engineering (ICE-PT) ( Code – 111 ) : 3-year (6-semester) Part time M. Tech. Courses in the Department of Applied Physics (Self Financed course)**

**General Eligibility: General Eligibility:** BE / B.Tech Degree in

- i) Instrumentation Engineering
- ii) Instrumentation & Control Engineering
- iii) Applied Electronics & Instrumentation Engineering
- iv) Electronics & Instrumentation Engineering
- v) Instrumentation & Electronics Engineering
- vi) Electronics & Electrical Engineering
- vii) Electronics & Communication Engineering
- viii) Electronics & Telecommunication Engineering
- ix) Electronics Engineering
- x) Instrumentation Science
- xi) Biomedical Engineering
- xii) Mechatronics Engineering
- xiii) Biomedical Instrumentation

or any equivalent degree from any UGC approved University / AICTE recognized institute is eligible to apply for admission in the said courses.

**Applicants should have the following eligibility criteria:**

- (i) Secured 60% marks or its equivalent in B.E/B.Tech degree.
- (ii) Current year passed out C.U. students are eligible to apply.
- (iii) Current year passed out Non-C.U. students are eligible to apply.

All have to go through Entrance Test followed by Interview.

**All Non-CU. Degrees must be approved by the UGC/AICTE and equivalent to the C.U. degree in the respective subjects.**

**Seat: Non-sponsored: 13 OBC : 1**

**Sponsored: 5**

**Additional weightage will be give for the Candidates with working experience.**

**Classes of Part time courses are held daily 5.00 to 9.00 P.M. (Monday to Friday except holiday)**

**Eligibility for Sponsored seats of all above A,B,C,D courses**

- (i) Secured at least 60% marks or its equivalent grade in BE/B.Tech level;
- (ii) Sponsored Candidate should passed B.Tech./B.E. at least 1 year ago i.e. for the year 2018 candidates should have passed in 2017 or earlier.
- (iv) Sponsored Candidates should have at least 1 Yr. meaningful working experience in that company/organization/institution.

**Separate application forms to be submitted in order of preference for the course(s) A & C or B & D, if eligible. No candidate will be allowed to apply both in Sponsored and Non-Sponsored Category.**

## CE

### Department of Chemical Engineering

Address- Rash Bihari Shiksha Prangan, C.U. Rajabazar Science College Campus,  
92, A.P.C. Road, Kolkata-700009

**2 Year (4 Semesters) Full time M.Tech Course in Chemical Engineering (CE) in the Department of Chemical Engineering (Subject Code : 112)**

**Eligibility :** B.Tech. in Chemical Engineering of University of Calcutta or equivalent degree from other Universities, IIT's & NIT's duly approved by the AICTE .

For **Non-C.U.** candidates at least 60% marks or its equivalent grade in last qualifying examination.

**All Non-CU. Degrees must be approved by the UGC/AICTE and equivalent to the C.U. degree in the respective subjects.**

**Except C.U. current year B.Tech. in CE candidates, all have to go through Admission Test & Interview.**

**GATE qualified valid score is not mandatory for both CU and Non C.U. Candidates.**

**Seat : Non Sponsored : 20**

**OBC : 1**

**Sponsored : 5**

**PART A :- Current year C.U. B.Tech in CE students will be considered in PART A.**

These candidates are exempted from Entrance Test & Interview.

**PART B - : All eligible candidates including those are eligible for PART A.**

All have to go through Entrance Test followed by Interview.

**Separate application form is to be submitted for the course.**

**CR, OT, PE, PT**  
**Department of Chemical Technology**  
Address- Rash Bihari Shiksha Prangan, C.U. Rajabazar Science College Campus,  
92, A.P.C. Road, Kolkata-700009

**(A) Ceramic Engineering (CR) (Code- 113) – 2 year (4 semesters) Full Time M.Tech. Course in the Departemnt of Chemical Technology**

**Eligibility:** The candidates should possess

- (i) B.Tech. in Chemical Technology in Ceramic Engg. of Calcutta University
- (ii) BE/B.Tech. in Ceramic Technology/Chemical Engg/Metallurgical Engg/ Material Sc. & Tech. from any recognized Univ./AICTE recognized Institution equivalent to C.U. B.Tech. in Chemical Technology (Ceramic Engineering).

For non-C.U. candidates at least 60% marks or its equivalent grade in last qualifying examination

Except C.U. current year B.Tech. in Chemical Technology (Ceramic Engineering) all have to go through Entrance test followed by interview.

**GATE qualified valid score is not mandatory for both CU & Non-C.U. candidates.**

**Seat : Non Sponsored : 7                      OBC : 1                      Sponsored : 3**

**PART A :- Current year C.U. B.Tech in Chemical Technology (Ceramic Engineering) will be considered in PART A.**

These candidates are exempted from Entrance Test & Interview.

**PART B - : All eligible candidates including those are eligible for PART A.**

All have to go through Entrance Test followed by Interview.

**(B) Oil Technology (OT) (Code- 114)- 2 year (4 semesters) Full Time M.Tech. Course in the Departemnt of Chemical Technology**

**Eligibility :** The candidates should possess

- (i) B.Tech. in Chemical Technology in Oil Tech. of Calcutta University
- (ii) B.Tech in Chemical Engineering / Food Technology
- (iii) BE/B.Tech. degree from any recognized Univ./AICTE recognized Institution or its equivalent to C.U. B.Tech. in Chemical Technology (Oil Technology).

For non-C.U. candidates at least 60% marks or its equivalent grade in last qualifying examination

**All Non-CU. Degrees must be approved by the UGC/AICTE and equivalent to the C.U. degree in the respective subjects.**

Except C.U. current year B.Tech. in Chemical Technology (Oil Technology) all have to go through Entrance test followed by interview.

**GATE qualified valid score is not mandatory for both CU & Non-C.U. candidates.**

**Seat : Non Sponsored : 7                      OBC : 1                      Sponsored : 3**

**PART A :- Current year C.U. B.Tech in Chemical Technology (Oil Technology) students will be considered in PART A.**

These candidates are exempted from Entrance Test & Interview.

**PART B - : All eligible candidates including those are eligible for PART A.**

All have to go through Entrance Test followed by Interview.

**(C) Petrochemical & Petroleum Refinery Engineering (PE) (Code- 115)- 2 year (4 semesters) Full Time M.Tech. Course in the Departemnt of Chemical Technology**

**Eligibility:** The candidates should possess

- (i) B.Tech. in Chemical Technology in Petrochemical & Petroleum Refinery Engg. of Calcutta University
- (ii) BE/B.Tech. degree in Chemical Engineering / Chemical Technology from any recognized University /AICTE recognized Institution or its equivalent to C.U. B.Tech. in Chemical Technology (Petrochemical & Petroleum Refinery Engineering).

For non-C.U. candidates at least 60% marks or its equivalent grade in last qualifying examination

**All Non-CU. Degrees must be approved by the UGC/AICTE and equivalent to the C.U. degree in the respective subjects.**

Except C.U. current year B.Tech. student in Chemical Technology (Petrochemical & Petroleum Refinery Engineering) all have to go through Entrance test followed by interview.

**GATE qualified valid score is not mandatory for both CU & Non-C.U. candidates.**

**Seat : Non Sponsored : 7**

**OBC : 1**

**Sponsored : 3**

**PART A:- Current year C.U. B.Tech in Chemical Technology (Petrochemical & Petroleum Refinery Engineering) students will be considered in PART A.**

These candidates are exempted from Entrance Test & Interview.

**PART B - : All eligible candidates including those are eligible for PART A.**

All have to go through Entrance Test followed by Interview.

**(D) Pharmaceutical Technology (PT) (Code- 116) - 2 year (4 semesters) Full Time M.Tech. Course in the Department of Chemical Technology**

**Eligibility:** The candidates should possess

- (i) B.Tech. in Chemical Technology in Pharmaceutical & Fine Chemical Tech. of Calcutta University or
- (ii) BE/B.Tech./B.Pharm. degree from any recognized Univ./AICTE recognized Institution or its equivalent to C.U. B.Tech. in Chemical Technology (Pharmaceutical & Fine Chemical Technology).

For non-C.U. candidates at least 60% marks or its equivalent grade in last qualifying examination

**All Non-CU. Degrees must be approved by the UGC/AICTE and equivalent to the C.U. degree in the respective subjects.**

Except C.U. current year B.Tech. in Chemical Technology (Pharmaceutical & Fine Chemical Technology) all have to go through admission test / interview.

**GATE qualified valid score is not mandatory for both CU & Non-C.U. candidates.**

**Seat : Non Sponsored : 7**

**OBC : 1**

**Sponsored : 3**

**PART A :- Current year C.U. B.Tech in Chemical Technology (Pharmaceutical & Fine Chemical Technology) students will be considered in PART A.**

These candidates are exempted from Entrance Test & Interview.

**PART B - : All eligible candidates including those are eligible for PART A.**

All have to go through Entrance Test followed by Interview.

**GPAT will be treated as equivalent to GATE**

Separate Application form to be submitted with order of preference, if eligible, for the above courses.

## **PST**

### **Department of Polymer Sc. & Technology**

**Address- Rash Bihari Shiksha Prangan, C.U. Rajabazar Science College Campus,  
92, A.P.C. Road, Kolkata-700009**

**Polymer Science & Technology (PST) - 2 Year (4 Semesters) Full time M.Tech. Course in the Department of Polymer Science & Technology (Subject Code :117)**

Eligibility: B.E. /B.Tech degree in

- (i) Polymer Science and Technology
- (ii) Polymer Engineering or related areas such as Textile and Fibre Technology
- (iii) Chemical Engineering
- (iv) Chemical Technology
- (v) Applied Chemistry or
- (vi) A degree from any other University / Institution equivalent to (i) above. Or
- (vii) M.Sc. in Polymer Science / Polymer Chemistry / Applied Chemistry.

Preference will be given to the B.Tech. / B.E. candidates and then to M.Sc. candidates.

For non-C.U. candidates at least 60% marks or its equivalent grade in last qualifying examination

**All Non-CU. Degrees must be approved by the UGC/AICTE and equivalent to the C.U. degree in the respective subjects.**

**Except C.U. current year B.Tech. in PST candidates, all have to go through Admission Test & Interview.**

**GATE qualified valid score is not mandatory for both CU & Non C.U. Candidates.**

**Seat :        Non sponsored : 13                    OBC : 1            Sponsored : 5**

**PART A :- Current year C.U. B.Tech in PST students will be considered in PART - A.**

These candidates are exempted from Entrance Test & Interview.

**PART B - : All eligible candidates including those are eligible for PART A.**

All have to go through Entrance Test followed by Interview.

Separate application to be used for the above course.

## TT

### Department of Jute & Fibre Technology

Address- Taraknath Shiksha Prangan, C.U. Ballygunge Science College Campus,  
35, B.C. Road, Kolkata-700019

**Textile Technology (Technical Textiles) (TT) (Code-118) – 2 Year (4 Semesters) Full time M. Tech.**  
Course in the Department of Jute and Fibre Technology

**Eligibility :**

- i) B.Tech. in Jute & Fibre Technology of University of Calcutta.
- ii) M.Sc. in Textile and Clothing
- iii) B.Des (with specialization in Textile and Clothing / Textile Design etc.)
- iii) Degree from other Universities, IIT's & NIT's duly approved by the AICTE equivalent to ( i )

**GATE qualified valid score is not mandatory for both CU & Non C.U. Candidates.**

**PART A :- Current year C.U. B.Tech in Jute & Fibre Technology students will be considered in  
PART - A.**

These candidates are exempted from Entrance Test & Interview.

**Except C.U. current year B.Tech. in Jute & Fibre Technology candidates, all have to go through  
Entrance Test & Interview.**

Separate application to be used for the above course.

**Seat : Non sponsored : 13**

**OBC : 1**

**Sponsored : 5**

For Non C.U. candidate at least 60% mark in last qualifying examination is essential.

# **BMI**

## **Department of Applied Optics & Photonics**

**Address : CU Technology Campus, JD-2, Sector-III, Salt Lake, Kolkata-98**

**Bio Medical Instrumentation ( B M I ) (Code- 119) (Self Financing Course) – 2 Year (4 Semester) Full time M.Tech. Courses in the Department of Applied Optics and Photonics.**

### **Eligibility:-**

- a) B.Tech in -
  - i) Biomedical Instrumentation
  - ii) Electronics & Communication Engg
  - iii) Instrumentation Engg.
  - iv) Applied Electronics & iNstrumentation
  - v) Instrumentation & Electronics
  - vi) Electronics & Instrumentation
  - vii) Optics & Optoelectronics
  
- b) M.Sc. in -
  - i) Physics
  - ii) Electronics
  - iii) Computer Science
  - iv) Biomedical instrumentation
  
- c) B. Tech in Computer Science
- d) MCA
- e) MBBS\*\*

**\*\*Two (2) nos. of seat earmarked for MBBS out of the Non Sponsored seats & selection will be made through Interview only.**

**2. Candidates seeking admission to M.Tech in Bio Medical Instrumentation, the CUT-OFF marks will be 60% in B.Tech/ B.E. examination or 60% in M.Sc examination.**

**3. All have to go through Entrance Test & Interview.**

**GATE qualified valid score is not mandatory for both CU & Non C.U. Candidates.**

**Seat: Non Sponsored – 13 , OBC : 1 Sponsored – 5**

**CLASSIFICATION OF PART-A & PART -B ARE NOT APPLICABLE**

**Separate application form to be submitted for the above courses**



**AI**

**Department of Applied Optics & Photonics**

**Address : CU Technology Campus, JD-2, Sector-III, Salt Lake, Kolkata-700106**

**Int. M.Tech. Ph.D in Astronomical Instrumentation (AI) (Code- 120) – Full time M.Tech. Courses in the Department of Applied Optics and Photonics in collaboration with Indian Institute of Astrophysics (IIA), Bangalore.**

**Eligibility, Entrance Test, Interview, Selection to be done by the Indian Institute of Astrophysics (IIA), Bangalore.**

**Only the selected candidate recommended by IIA, Bangalore will get admission in C.U.**

**Admission notice for this course issued by the IIA, Bangalore.**