

## **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 not mandatory for CU B.Tech. students.**

**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 not mandatory for CU B.Tech. students.**

**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.**