

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

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

**Address- Rash Bihari Shiksha Prangan, Rajabazar Science College, 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.
- (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 general subjects.
- (vi) A degree from any other University / Institution equivalent to (i) above.

**Seat : Non Sponsored : 36**

**OBC : 1**

**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) Secured at least 60% or its equivalent grade in best four subjects except EVS in (10+2) level
- (iii) A valid GATE qualified score in relevant subject (Electronics and Communication).

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

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

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

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

#### **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
- vi) A degree equivalent to (i), OR (iv) from any University/Institute recognized by the University of Calcutta.

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) Secured at least 60% marks or its equivalent grade in best four subjects except EVS in (10+2) level
- (iii) A valid GATE qualified score in relevant subjects (Electronics & Communication and Computer Science ).

**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.**

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

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

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

**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.**

**Appeared 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.**