Fr. C. Rodrigues Institute of Technology, Vashi
Department of Electronics & Telecommunication Engineering
Major Department Achievements

- Royal Academy of Engineering, UK, had approved an award worth £50000/- (~Rs. 50.0 lacks) on 17-03-2016 under the "Higher Education Partnership – India, Newton-Bhabha Fund" scheme for the collaborative research work for the next two years among FCRIT-EXTC Department, RIL, India, Leeds University, UK, and Parkinson-Spencer Refractories Ltd. UK, on "Formulation of Hot-face Refractory of an Entrained Flow Gasifier".

- The Bachelor of Electronics & Telecommunication Engineering Program was first accredited in 2006 for three-years and then re-accredited by the National Board of Accreditation, New Delhi, for the period of two years in 2012.

- Every year Department teachers receive Minor Research Grant from the University of Mumbai worth around Rs. 100000/-.

- Every year teachers / students publish research papers in reputed conference / journals.

- Every year students participate in TPP / Project competitions and some of them win the competitions.

- AICTE MODROB grant for Rs 14.15 lac for the year 2012-13 for "Modernization and Removal of Obsolescence for Communication Laboratory".

- AICTE Seminar grant for Rs 2.0 lac for the year 2012-13 for National level seminar on "STTP on VLSI and Embedded Systems".

➢ **Following table gives list of equipment's sponsored by industry / academia:**

Sr.No.	Name of the Funding Organization	Type of Support	Amount (Rs.)	Year
01	Eduvance	Sponsored following Cypress Semiconductor PSoC Kits: * Three PSoC3 First touch kits * One PSoC3 030 Advanced Kit * One PSoC5 050 Advanced Kit (ARM Based) * One PSoC 4 Pioneer Kit (ARM Based)	~Rs. 50000/-	2014
02	WEL Lab-IIT Bombay	Donated 14 PIC controller kits	~Rs. 50000/-	2018
03	WEL Lab-IIT Bombay	Donated total 10 CPLD/Helium boards	~Rs. 40000/-	2017
04	Internshala, Gurgaon	Three IoT Boards for teachers and students	~Rs. 5000/-	2016
05	IEEE Bombay Chapter	Sponsored LOOPS-2015" one day lecture series under SKEP program.	~Rs. 15000/-	2015
06	Gill Instruments Pvt. Ltd, Bangalore	Two MSP430 Development Kits	~Rs. 5000/-	2015

Student Achievement Record Academic Year 2017-2018			
Sr. No	Student Name	Competition Details	Achievements
1.	Aditya Hartalkar (Sem VII)	Event: 2017 Second IEEE International Conference on Electrical, Computer and Communication Technologies (2017 IEEE ICECCT) Paper title: Earthquake rescue robot-'A purview to life'	Best paper Award
2.	Nipun Bhirud (Sem V) Grafy Mathew (Sem V)	Technical paper presentation at Amity University held on 25th January 2018. **Topic : Advanced security system**	Won 2nd prize
3.	Ajay Bhaskar (Sem VII) Aditya Hartalkar Rohan Jacob Rehan Shaikh	Event: National level project Competition Tantragyan 2018 Paper title: Iris Movement Based Assistance for Catatonic Patients	Won third prize
4.	Anand Patil (Sem VII) Dhanashree, Samidha, Sainath	Event: National level project Competition Avalon 2018 Project title: Railway safety and Security systems	Won 2nd Prize