



Agnel Charities'

Fr. C. Rodrigues Institute of Technology, Vashi, Navi-Mumbai

Department of Electronics and Telecommunication Engineering

ACHIEVEMENTS

Department of Electronics and Telecommunication Engineering has successfully conducted

- one week "ISTE Approved Short-Term Training Program (STTP) on Pedagogical Strategies for Effective Teaching-Learning" on 18th-23rd December 2023



- Hands-on training on Developing an IOT system using ESP32 & Snowcode



FACULTY AND STAFF ACHIEVEMENTS FH2024

Sr. No.	Name of Faculty/ Staff	Achievement
1	Prof. Milind Shah	<ul style="list-style-type: none"> • Received recognition from Institute for completion of 25 years of service
2	Dr. Pranali Choudhari	<ul style="list-style-type: none"> • Received honorarium of Rs. 2,00,000 from Trish I R&D Private Limited for consultancy work
3	Prof. Sneha Revankar	<ul style="list-style-type: none"> • Received a Indian copy right for their laboratory manual titled 'Digital VLSI' (Diary Number: 26729/2023-CO/L)
4	Dr. Prasad Kulkarni	<ul style="list-style-type: none"> • Received a Indian copy right for his work titled 'Self-driving car' (L-134359) • Received a Indian copy right for their laboratory manual titled 'Digital VLSI' (Diary Number: 26729/2023-CO/L) • Delivered an invited talk on 'Introduction to Embedded Systems' Laxmichand Golwalia College of Commerce and Economics, Mumbai
5	Dr. Anant Kulkarni	<ul style="list-style-type: none"> • Received incentive from Institute for publication in a reputed journal • Received open access (OA) fund of €2290.00 (₹ 2,08077) from University of Jyväskylä (JYU) for the paper titled "Optimization and performance investigation of 1-Toffoli gate quantum full adders for the spin-torque-based n-qubit architecture" which is published in Journal of Optical and Quantum Electronics in collaboration with University Jyväskylä (JYU), Finland and Indian Institute of Technology (IIT) Roorkee, India.
6	Mr. Vijay Satdive	<ul style="list-style-type: none"> • Received recognition from Institute for completion of 25 years of service
7	Mr. Prashant Mestry	<ul style="list-style-type: none"> • Completed B. Tech. (AMIE)

Publications FH2024

Sr. No.	Publication in	Name of the Faculty	Title of Paper	Title of the proceedings of the conference	Name of the conference / Journal
1.	Conference	Ms. Manita Rajput	Digi-Farming Assistant for Soil Quality Analysis	Proc. of International Conference on Applied Intelligence and Sustainable Computing	International Conference on Applied Intelligence and Sustainable Computing 2023
2.	Journal	Dr. Anant Kulkarni	Optimization and performance investigation of 1-Toffoli gate quantum full adders for the spin-torque-based n-qubit architecture	--	Journal of Optical and Quantum Electronics
3	Journal	Ms. Nilashree Wankhede	Enhancing Biometric Speaker Recognition through MF		IEEE Access

FDP STTP Attended

Sr. No.	Name of teacher who attended	Professional Body / Organization associated with the event if any	Course type	Title of the program	Organizing Institute and its location	Year of Course	Duration (in week or days)
1	Dr. Prasad Kulkarni	AICTE-ATL	FDP	Semiconductor Digital System Design and Verification	FRCRCOE	2023	6 days
2	Ms Sneha Revankar	AICTE-ATL	FDP	Semiconductor Digital System Design and Verification	FRCRCOE	2023	6 days
3	Ms. Asmita Anil Chavan		Online faculty development program	Data Science in Healthcare Staffing Industry	Department of Information Technology Engineering at Fr. C. Rodrigues Institute of Technology	2023	2 days
4	Ms. Asmita Anil Chavan	ATL	STTP	Pedagogical Strategies for Effective Teaching-Learning	EXTC Dept., Fr. Conceicao Rodrigues Institute of Technology	2023 Dec.	1 Week

5	Dr. Anant Kulkarni	ATAL	FDP	VLSI Chip Design: An AI/ML Perspective	BMS Institute of Technology, Bengaluru	December 2023	1 Week
6	Amruta Pabarekar	ATAL	FDP	AI Evolution	TechSaksham	January 2024	1 week
7	Mr. Yogesh C	ATAL	STTP	Wearable Devices and Points of Care Technologies	Biomedical Dept, VIT , Chembur	2023 Dec.	1 Week
8	Ms. Tejaswita Jagtap	ATAL	STTP	Pedagogical Strategies for Effective Teaching-Learning	EXTC Dept., Fr. Conceicao Rodrigues Institute of Technology	2023	1 Week
9	Ms. Jennifer Issac	ATAL	STTP	Pedagogical Strategies for Effective Teaching-Learning	EXTC Dept., Fr. Conceicao Rodrigues Institute of Technology	2023	1 Week



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STUDENT ACHIEVEMENTS

ACADEMIC

Rahul Deoghare (TE EXTC student) was part of the 1st runner-up team (FCRIT) participated in the “India International Science Festival 2023” held at DBT THSTI-RCB campus, NCR Research Science Cluster, Faridabad, Haryana from 17th- 20th January 2024.



Awards/Prizes in competitions

Sr. No	Name of Student	1. Title of the Project 2. Internal Guide 3. External Guide	Awards/Recognition
1	Sahu Ramanarayan Salunkhe Shubham Sawant Durvank Sayed Mohammad	1. Contact Free Trash Can 2. Prof. Smita Chopde	Mini-project (MP1A) Competition 1 st Prize
2	Ghanvat Soham Hiwale Kimaya Hussain Asmi Jadhav Siddhi	1. Burgler Alarm using Reed Sensor 2. Prof. Tejaswita Jagtap	Mini-project (MP1A) Competition 2 nd Prize

3	Darshan Ahire Adhithya Chettiyar Vaishnavi Hanji Komal Mohod Aditya Chitrasen	1. Firefighting Vehicle /Bot (Multi-purpose Bot) 2. Nilashree W	Mini-project (MP2A) Competition 1 st Prize
4	Fijo C V Jain Mann Kantilal Kajbaje Smit Uday Mhatre Vedant Jitendra Waje Deepan Mangesh	1.Digital Location Finder and Display 2. Mr Yogesh C and Nilashree W	Mini-project (MP2A) Competition 2 nd Prize
5	Vedant Thakur Kartik Sonawane Vivek Todkar Prathamesh Shedale	1. Smart Weather Monitoring System 2. Ms. Manita Rajput	Mini-project (MP2A) Competition 3 rd Prize
6	Kartikeya Phale Akshata Raut Pratik Baghat Rahul Deoghare	1.Digital Stethoscope TIFR (EXTERNAL) 2. Dr. Anant Kulkarni Nilashree Wankhede	Industry (project to be continued)

Ongoing Competitions

Sr. No.	Name of student	Competition
1	Rahul Deoghare, Jasanpreet, Yedhukrishnan, Adhithya C	IROC-U (ISRO) Rover Robotics Challenge
2	Rahul Deoghare	L&T Techgium Hackathon, Google Solution Challenge
3	Jasanpreet, Yedhukrishnan, Adhithya C, Darshan A	Robocon
4	Parth, Sayali	L&T Techgium Hackathon

Awards/Prizes in sports

Sr. No.	Name (Student)	Category (Indoor/Outdoor)	Name of the Sport	Position/Rank	Level (District/Division/State/International)
1	Maria Belwalkar	Indoor	Karate	I (Gold)	International
2	Maria Belwalkar	Indoor	Karate	I (Gold)	National
3	Maria Belwalkar	Indoor	Karate	I (Gold)	International
4	Maria Belwalkar	Indoor	Karate	I (Gold)	International



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Maria Belwalkar

Represented India at 29th Euro Asia International WFSKO Karate Championship 2024, Mulund, Mumbai on 4th February 2024.

She participated in the Open category for Girls - Blackbelts. (20 years & above) and has won the following medals at the Championship.

- 🥇 Gold Medal - Kata
- 🥉 Bronze Medal - Kumite

She has further been selected to represent India at South Asia International WFSKO Karate Championship at Nepal in May 2024.

- Students from EXTC department also participated in Intercollegiate Basketball and Football Tournament

Intercollegiate Basketball Tournament 2023-2024



Intercollegiate Football Tournament 2023-2024

