



Muthoot
Institute of Technology & Science



**DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING**

RESONANCE

NEWSLETTER
Oct-Dec 2021 Edition

VISION

To be globally recognised for excellence in electronics and communication engineering education and research through value-based resource integration.

MISSION

M1: To nurture professionals who are capable of engineering solutions that enhances the quality of life as per the needs of the society.

M2: To provide an ambience for freethinking and innovation.

M3: To strive for a high-yielding collaboration with industry and institutions of repute.

M4: To launch students successfully into one of a variety of careers offering life long learning, service and leadership

EDITORIAL TEAM

Dr. Arun Joy
Associate Professor

Nayana P K
Assistant Professor

S Sreevidya (S5 ECE)
Liyana Anil (S5 ECE)
Anagha krishna (S3 ECE)
Neha Jayachandran (S3 ECE)

DEPARTMENT ACHIEVEMENTS

- A session on "Introduction to Mu Learn Platform" was conducted by Milan for S3 ECE on 18 Nov 2021, 3 to 4 PM
- Interactive Session was arranged for the S3 and S7 ECE students on 2nd Dec 2021, 3 to 4 PM
- ESRI India - a reputed geospatial technology company organized a session for ECE faculty on 17 Dec 2021, 12 to 1 PM

PLACEMENTS

2018-22 BATCH

52

No. of students

80

No. of offers

34

No. of students
placed

FACULTY ACHIEVEMENTS

- Dr. Arun Joy attended the AI summit conducted by Woxsen University on 27 & 28 Oct 21.
- Megha Franklin has secured the Elite+ Silver Certification for the eight-week NPTEL FDP MOOC course on Multicore architecture storage and interconnects (Top 2%).
- Ms. Binu Manohar, Ms. Megha Franklin and Ms. Nayana P K have qualified to be research scholars under KTU
- Dr. Arunkant A Jose and Mr. Rishikesh P H of Dept of ECE presented an International conference paper for IEMPOWER-2021, organized by IEM, Kolkata 28 Nov 2021, Sponsored by IET(UK) Kolkata Local Network and Smart Society.
- Dr. Arunkant A Jose and Mr. Rishikesh P H were invited by DST as delegates to GeoSmart India 2021, at HICC Hyderabad, 7 to 9 Dec 2021, and participated in the event.
- Dr.Krishnapriya.S has secured the Elite Certification for the 12 weeks NPTEL FDP MOOC course on VLSI design.
- Dr. Arunkant A Jose, Mr. Rishikesh P H of Dept of ECE presented an International conference paper for International Conference on Cognitive & Intelligent Computing (ICIC-21) 11-12 Dec 2021

STUDENT ACHIEVEMENTS

- **S4 Students demonstrated their CAM course projects on 4th October 2021.**
- **Team Slytherin of S1 ECE (Althaf P N, Muhammed Afnan, Karthik U, Elsa Grace John, Sibil Saji, and Kajal Sabu) won second prize in the Smart-O-Thon contest organized in December 2021. The team has been selected for the regional level competition by KSUM.**
- **Malavika J and Theresa Thomas of S5 ECE were part of the team that won third prize in the Smart-O-Thon contest organized in December 2021**
- **Rishikesh J of S5 ECE was recognized by many international companies like Coca Cola, Google, Microsoft, SeaGate, etc. for finding security vulnerabilities in their web infrastructure**
- **THE IEEE HAC project titled "Nursing Call System," led by Rufus Shaji of S5 ECE, won approval for USD 4740. The team also consisted of Indu P S, Gurudev Kamath, Rishikesh J, Mathew Sebastian, Jacob Mathew, Unnimaya, and Gopu J Sekhar of S5 ECE.**

STUDENT ACHIEVEMENTS

- An amount of USD 470 was approved as part of IEEE Region 10 & IEEE HAC Special Call for Proposals. Sruthi Sriprakash, Nishin Basil John, Arya Mary Varghese, Lidviya Paulose, S Sreevidya, Akhila Devi, Alisha K V, and Arya M A from S5 ECE were part of the team.
- Nishin Basil John of S5 ECE was part of the IEEE RAS Chapter Kerala, selected as the best RAS chapter in the whole world.
- The team consisting of Alen Sabu, Arya M A, and S Sreevidya won an amount of USD 2000 as part of the IEEE Region 10 & IEEE HAC Special Call for Proposals.
- Vishnu R Menon of S5 ECE won the Second Prize in Dollars to Donuts Competition conducted by the IEEE SB MITS.
- An amount of USD 1000 was approved as the IEEE RAS Grand. Mathew Sebastian, Jacob Mathew, Arya Mary Varghese, Ardhra B, Alisha K V, Nishin Basil John, Lidviya Paulose, and Gopika Reji of S5 ECE were part of the team.

MAJOR EVENTS ATTENDED/ ORGANISED

- **Nayana PK attended an ATAL online FDP on "Recent Trends and Advances in Photonic Integrated Circuits and ITs".**
- **Dr.Krishnapriya.S has participated in a one-week ATAL FDP on "Trends in MEMS and Nanotechnologies" by ALET, Karnataka, from Dec 7th to 11th.**
- **Rishikesh P H attended an ATAL online FDP on "Recent Trends and Advances in Photonic Integrated Circuits and ITs".**
- **Dr.Shoba G had participated in a one-week ATAL FDP on "System on Chip Design & Testing" by IIIT, Trichy from 22nd to Nov 26th, 2021**
- **Dr. Arunkant A.Jose attended an ATAL online FDP on "Recent Trends and Advances in Photonic Integrated Circuits and ITs".**
- **Megha Franklin attended IEEE India council annual international conference - 'INDICON - 2021' coordinated by IIT-Guwahati, from 19-12-21 to 21-12-21**