

Department of Electronics & Communication Engineering

Events & Activities

July-August-September 2023

Faculty Corner

Guest Lectures taken by faculty

1. Dr. S. B. Pokle delivered an Expert lecture on “Wireless Sensor network applications and wireless sensor parameter estimation- A mathematical approach” Delivered in FDP on “Recent Trends in 5G/6G Wireless Technology and applications” organized by EC department, R.C.O.E.M. Nagpur in association with N.I.T. Warangal during 25-29 September 2023.
2. Dr. P. K. Parlewar delivered an expert lecture on “NAAC preparation” at Govt. College of engineering, Nagpur on 11th July 2023.

Departmental Activities

Parents Meet, Alumni Meet and Departmental Installations or Events

1. Electronics and Communication Engineering Department organized Parent-Teacher Meeting (VII Semester) for the session 2023-24 Odd Semester on 23rd September 2023.



Parent-Teacher Meeting for VII Semester, session 2023-24 on 23rd September 2023.

2. RCOEM Internal Smart India Hackathon 2023 event was conducted on 25th September 2023 and Department of Electronics & Communication served as host for short listing the teams under hardware category. The event including 11 teams participation for screening 12 ideas presentation in front of juries. Mr. Pankaj Mehar, Co-Founder at Nsemble Technologies Pvt. Ltd. Nagpur and Mr. Sarang Shastrakar, Director, ElectroEra along with Dr. D J Dahigaonkar, Head EC, RCOEM were members of jury panel. The event was coordinated under the incharge ship of Prof. V S Lande along with the committee members Prof. N M Borkar, Prof. A P Nilawar and Prof. Y Thakare. The results declared on 26th September 2023 with selected teams in hardware category were Team Smart Care, विद्युत् (Vidyut) and Opencircuit.



RCOEM Internal Smart India Hackathon 2023 - Department of Electronics & Communication served as host for short listing the teams under hardware category.



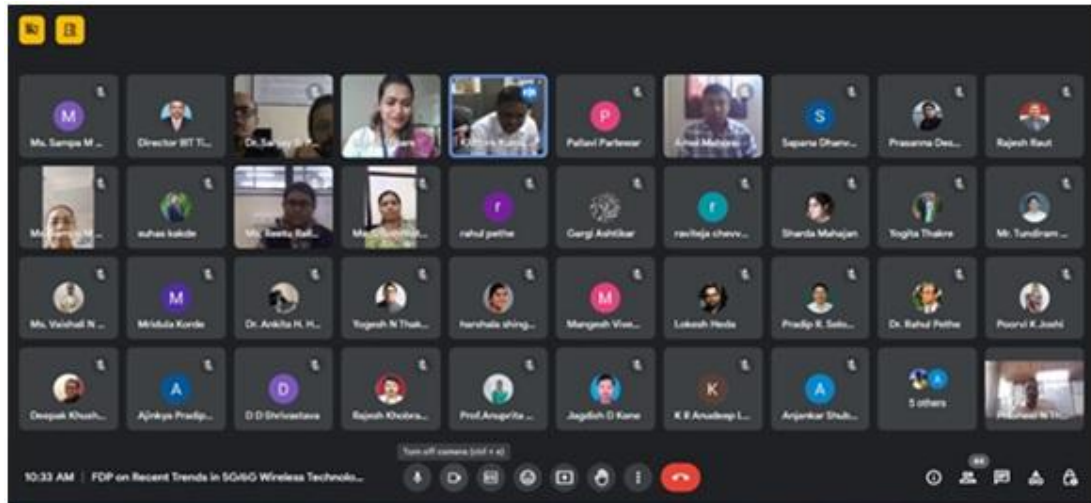


RCOEM Internal Smart India Hackathon 2023 on 25th September 2023 – Teams Presenting their Ideas

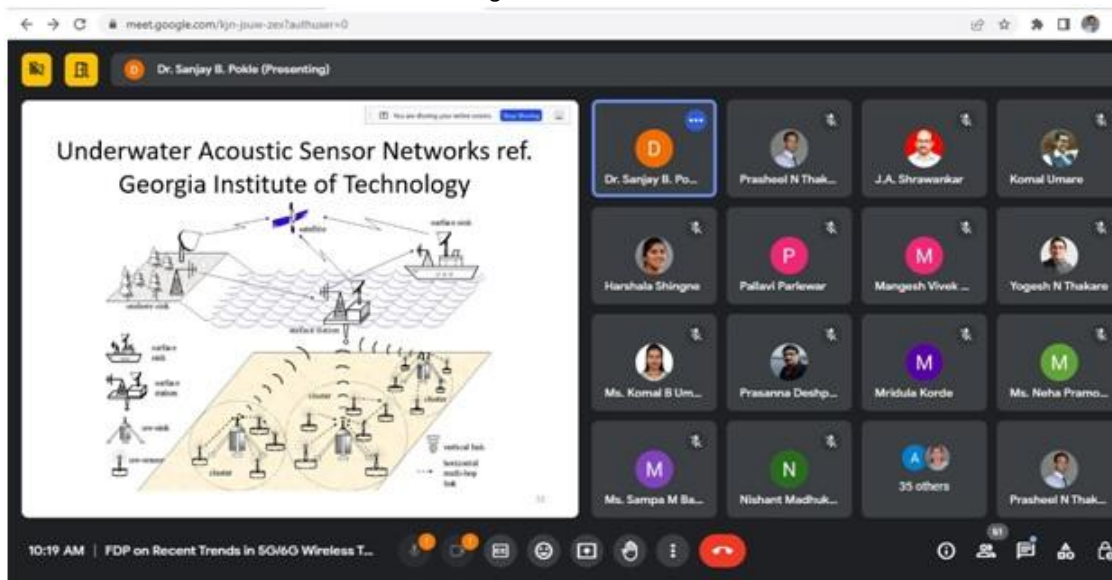
Conference, STTP and Guest Lectures organized in Department.

1. Dr. Sanjay Pokle, Prof. Prasheel Thakre and Prof. Komal Umare organized one week FDP on “Recent Trends in 5G/6G Wireless Technology and applications” in association with N.I.T. Warangal during 25-29 September 2023.

The dignitaries present during Inaugural ceremony were chief Guest Dr. Narasimha Sarma, Director IIIT Trichy, Guest of honor Dr. T. Kishore Kumar, Professor and Head, Centre For Training and Learning, NIT Warangal, Dr. Rajesh Pande, Principal of Shri Ramdeobaba College of Engineering and Management, Nagpur, Dr. D.J. Dahigaonkar, Head of the department - Electronics and Communication Engg. RCOEM, Nagpur. FDP Coordinator Dr. Sanjay Pokle, gave overview to the programme and Prof. Prasheel Thakre & Prof. Umare conducted the events



Inaugural session of the FDP



Lecture session by Dr. Sanjay Pokle

2. Dr. Mridula Korde organized a session on “How AI will change face of the Planet Earth? Opportunities for Engineers & Startup's” on Monday, 18th September 2023 at 2 PM through online platform.

The expert for this session was Dr. Archit Somani, Director, TraCoMo Automation and Camera System Pvt Ltd and RCOEM Alumnus Electronics 2007. The guest lecture provided a comprehensive and insightful overview about how to get started and master AI, challenges in AI, current applications and future scope of AI.



A session on “How AI will change face of the Planet Earth? Opportunities for Engineers & Startup's” on Monday, 18th September 2023

3. In view of the Industry Institute Interaction, Dr. Ankita H Harkare has organized guest lecture on “Opportunities for Engineers in Core/VLSI Domain” on 27th September 2023 for ECE second and third year students. The workshop was conducted by the industry expert Ms. Namrata Shukla who is currently working as Senior Design Verification Engineer at Marvell Technology, Pune. She is the 2019 batch alumna of the college.



Dr. D.J. Dahigaonkar appreciating Ms. Namrata Shukla along with Dr.(Mrs) A.H. Harkare



Ms. Namrata Shukla conducting guest lecture

Students' Corner

Toppers List

Sr. No.	Second Year	Third Year	Fourth year
1	Nikhil Chudamani Kakde Div-1 - 10	Harnoor Balvinder Huda Div-1 - 10	Arjun Anand Saxena Div-3(I) – 9.69
2	Viniya Narendra Bhise Div-1 – 10	Akshada Sandip Joshi Div-2 – 9.76	Abhinav Kumar Div-3(I) - 9.55
3	Krushna Nitin Chitlange Div-1 – 9.86	Sanskriti Atul Wagh Div-1 – 9.65	Atharva Narayan Zararia Div-1 – 9.27

Other activity(s):

1. Dr. D.J. Dahigaonkar has been invited as an Expert on Board of Studies of Electronics and Communication Engineering Dept. at Priyadarshini College of Engineering, Nagpur.
2. Dr. S. B. Pokle worked as a Reviewer for International Conference on the 'Role of AI in Bio-Medical Translations' Research for the Health care Industry (ICRAIBTR2023) to be organized at GHREC, Nagpur in 2023. Reviewed 02 papers on 19-8-2023.
3. Prof. Puja S. Agrawal - Design Patent granted on Domestic Gas Cylinder Trolley with Low gas Indicating Alarm on 11 September 2023.
4. A series of two days training program on "3-D Printing, Reverse Engineering and Internet of Things" was conducted for the students of Bhavan's Bhagwandas Purohit Vidya Mandir on 13th, 14th, 20th September 2023 at RCOEM-TATA-CIIIT. Dr. B A Neole and Prof. V S Lande have conducted the training sessions on IoT.



Prof. V S Lande conducting the training sessions – 1 on IoT



Dr. B A Neole conducting the training sessions -2 on IoT



Prof. V S Lande conducting the training sessions- 3 on IoT

October-November-December 2023

Faculty Corner

Awards received by Faculty of department

Dr. Ankita H. Harkare received IEEE- Innovation Award for her contribution towards sustainable innovation in the field of antennas on 13th December 2023.

Parents Meet

Electronics and Communication Engineering Department organized Parent-Teacher Meeting (III and V Semester) for the **session 2023-24** Odd Semester on 4th November 2023.





Other activities:

Electronics and Communication Premier League (ECPL)

Date:-October 8, 2023

Place:-Basket ball Ground, RCOEM, Nagpur

The highly anticipated Electronics and Communication Premier League (ECPL) made its grand return on October 8, 2023, at the resplendent RCOEM Basketball Ground in Nagpur. Organized once again by the ECE Department and Communique Student's Society, the ECPL was a testament to the dedication and teamwork of the organizers, guided by Prof. Prasheel Thakre, President Sania Sabu, and Secretary Harshal Nawlakhe.



A Grand Auction Event of ECPL:

As a prelude to the action-packed tournament, the auction held on October 5 and 6, 2023, was an event filled with anticipation and excitement. This year, we had eight fresh teams, each endowed with a unique identity and captained by enthusiastic leaders. The captains were entrusted with a substantial budget to acquire players based on their cricketing prowess, thereby assembling formidable squads. Notable highlights of the auction included the remarkable purchase of Aryan Deogade (3rd Year), the highest-paid male player and Anushka Alkari (4thYear), the highest-paid female player. Ayush Shah and Hritik Pandey were the auctioneers who oversaw the auction for ECPL2023.



The event saw an impressive total of 120 participants, both male and female, who displayed remarkable energy and sportsmanship throughout the day. Each team engaged in two spirited matches against the others, leading to the selection of the top four teams for the semi-finals. These teams were: **Phantom Blues, Gladiators, Enforcers, Green Hawks, Whitecaps, Ascendants, Mustangs, Blazing Bluez**



ECPL Winner- Team phantom blues

Runner-up-Team ascendants

Man of the match - (Final) -Aditya Shahu Best bats-man (M) - Aditya Shahu, Best batsman (W) - Yashaswi Wahie, Best bowler (M) - Mayank Rai, Best bowler (W) - Dixita Hawelikar. Before the semi-finals, a well deserved break provided an opportunity for players to relax and recharge, fostering a sense of unity among the participants.

ANNUAL TRADITIONAL DAY 2023 (Electronics and Communication)

Date - November 4, 2023

Venue - Open Air Theatre, RCOEM, Nagpur

On November 4, 2023, we had a special Traditional Day celebration at our college's Open Air theatre. It was organised by the ECE department and the Communique Students' Body. This event was a great way for us to connect with people within our department and our teachers. Academic

oriented sessions were organised for the students of 2nd-year and a placement oriented session for 3rd-year students for their future job plans by our seniors. Additionally, there were photo sessions with the esteemed faculty members of our ECE department.



Our department issued a notice detailing permissions and schedules for the Annual Traditional Day of 2023. The notice outlined important information and guidelines that were to be followed by everyone. The Communique student body played a major role in organising the Traditional Day event. They managed the schedule and obtained necessary permissions, contributing significantly to the event's successful execution. An interactive session between 2nd year and 4th year students was also held. This interaction was very crucial and vital for the 2nd years. The seniors offered - 1. Academic guidance 2. Brief introduction about the department 3. Stress management, 4. gave motivation to participate in extracurricular activities. 5. Viva preparation tips 6. last minute exam tips 7. Guidance about higher education opportunities. In addition to this, there was also some casual talk between 2nd and 4th years. This interactive session played an important role in shaping the educational and personal growth of 2nd year students, setting them on a more confident path as they go through their college years. After the photo session, attention turned to the cricket women's match, wherein our team secured the runners-up position. The women's cricket match was against the EN department. Following that, the men's volleyball match turned out to be a big success. We ended up winning against the strong team from EN Branch. It was a great moment for us, and the victory added a special highlight to our day. The cheers echoed on the volleyball court, marking a memorable conclusion to a day that blended with the competitive spirit of sportsmanship. Last but not the least a quick note to mention that Dnyanesh Nighot, our talented photographer, played a major role in capturing the essence of our traditional day. With skill and enthusiasm, Dnyanesh documented every moment throughout the day, and made sure that the memories were captured, grateful for his dedication. As the sun was settling in towards dusk, ECE had coined its new tradition by involving its faculty as well as its fellow students and provided

them a new platform to voice their thoughts, interact with the office bearers and other students and creating the warmth that binds the department of ECE together.



January-February-March2024

Industrial Visits

A visit to Hi-Tech Resistor Pvt. Ltd ,MIDC Hingna, Nagpur was conducted on 17thFebruary 2024, with 39 students of 2nd year, Sec-A EC along with Dr. B. A. Neole, Dr. P. P. Deshpande Dr. A. P. Nilawar, Prof. V S Lande faculty members of EC.



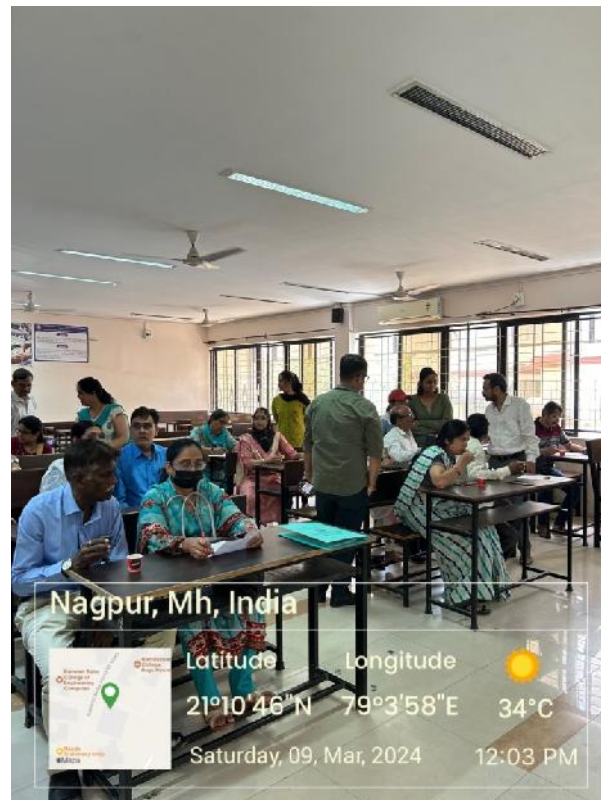
The second round of industrial visit to Hi-Tech Resistor Pvt. Ltd ,MIDC Hingna, Nagpur was held on 23rd March 2024, with 48 students of 2nd year, Sec-B EC along with Dr. D G Khushalani, Dr. J D Kene, Prof. Ms S Barman, Prof. V S Lande faculty members of EC.



Parents Meet

Department of Electronics and Communication Engineering organized a Parent-Teacher Meeting for the session 2023-24 (IV and VI Semester) on 9th March 2024. Parent-Teacher Meeting coordinator Dr. A.H. Harkare welcomed the parents and emphasized on the need of developing an enhanced communication between parents and faculty to serve as a bridge in fulfilling expectation of parents and students especially during this online mode of teaching. Dr. D. J. Dahigaonkar addressed the gathering conversing about the various curricular and extracurricular activities conducted by the department before and during this online mode of teaching. He especially addressed the parents about the support mechanisms and activities carried out to fulfill overall development of the students. A brief review of academic activities, teaching learning process and PO, PSO mapping was also discussed. Moreover a brief review of the various activities and schemes offering support to students for ensuring student progress in academics, placements formed a segment of this discussion by department portfolio in charges. The schemes offering counselling to students were also discussed. Parents were also made aware about the academic and exam rules, guidelines and detention rules. T1 performance of students was discussed and special attention needs to be paid on the attendance of students was conveyed to parents.





The enthusiastic parents showed keen interest in the meeting. Parents disclosed their satisfaction regarding the culture and atmosphere prevailing in the department and talked about their queries related to the academics and personal growth of their ward. The parents assured students performance will improve in upcoming examinations.

Lectures organized in Department

Value Added Course (VAC) on "Essential Soft Skills for Academic and Career Excellence"

The Department of Electronics and Communication Engineering organized under **Faculty Coordinators:** Prof. Puja S. Agrawal and Prof. Nitin B. Chakole a **Value Added Course (VAC) on "Essential Soft Skills for Academic and Career Excellence" from 18th to 23rd March 2024 (6 Days).**

With **132 registered students**, the course aimed to equip IV-semester students with crucial soft skills for their academic and career journeys. **External trainers Mrs. Lekha Thakkar and Mr. Vaibhav Dhandare from Rubicon Foundation, Pune**, guided students through a comprehensive curriculum covering communication, time management, leadership, and professional etiquette. The interactive sessions focused on real-world applicability, industry expectations, grooming, body language, and email etiquette.

A valedictory function recognized the dedication of students, with certificates awarded to **119 who successfully completed the course**. Special thanks to Barclays Bank PLC's Life Skills Program for their support under Corporate Social Responsibility.

Photographs:



Classroom Activity from an external trainer Mr. Vaibhav Dhandare from Rubicon Foundation, Pune.



Classroom Activity by an external trainer Mrs. Lekha Thakkar from Rubicon Foundation, Pune.



VAC-24 Valedictory function

Students' Corner

Student Achievements

1. A Moment of Pride for RCOEM, Our students Ms. Arya Dongre (ECE 3rd year) & team won silver medal on behalf of RTMNU Basketball Team at Ashwamedh krida mahotsav2024(Maharashtra state university meet) held at Nagpur university ground, Ravi Nagar during 12-16 January 2024.



2. Sana Ansari, ECE 2nd year and Palak Agrawal, AIML First Year bagged the 2nd position and Cash prize at Dr. M.K Umathe College Inter-Collegiate Debate Competition on 17th Jan 2024.



3.

Branch Cup

Branch Cup is the intra-College competition held between all the branches of the college. These competitions include sports , drama , dance and more such categories.

The students of ECE department participated with full enthusiasm and made it to the top of the leader board, culminating in a resounding victory and reaffirming their status as champions of the Branch Cup for yet another year.

The Trophies won were:

1. Sports Cup(Overall)
2. Sports Cup(Boys)
3. Sports Cup(Girls)
4. Drama Cup



Other activity(s):

1. Dr. S. B. Pokle invited as a Reviewer for International Journal "Automatika: Journal for Control, Measurement, Electronics, Computing and Communications" Indexing" SCI, Submitted 01 research Paper review on 25 January 2024.
2. Dr. S. B. Pokle Invited as a Subject Expert on UGC selection committee appointed by RTM Nagpur University for recruitment of Associate Professor, Assistant Professor in ETC dept. at Jhulelal Institute of Technology, Nagpur on 1st February 2024.
3. Prof. Nishant M. Borkar, Mr. Tanmay Rewari, S. Balakumar, Mohit Deshpande and Tanmay Chobe have been granted a patent on "A SYSTEM FOR REMOTE ECG MONITORING OF A PATIENT" on 11th March, 2024.

April-May-June 2024

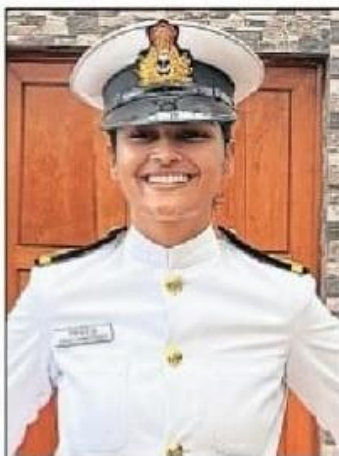
Guest Lectures taken by faculty

1. Dr. Ankita Harkare delivered a lecture on "Role of Automation in Energy Saving" on 11th May 2024 at Technodeal Enerpower Pvt. Ltd, Nagpur.

Student Achievements



Ms. Surbhi Joldeo (RCOEM ECE 2022-23) selected in Air Force



Ms. Siddhi Dubey, a 2021-22 pass-out student of the Electronics and Communication Engineering (ECE) branch, is selected as an Executive Pilot in the Indian Navy (A second batch of Pilot women in the Indian Navy).

Siddhi is one of the youngest Pilot Officers in the Indian Navy to achieve this feat and is a third generation of "fauji" from her family to join the Defence Services.

Other activities

1. Dr. Mridula Korde worked as a reviewer in the International Journal of Innovative Research in Engineering.
2. Dr. Mridula Korde worked as Session Chair in IEEE 2024 4th International Conference for Intelligent Technologies (CONIT) held on 21-23 June 2024 at Hubballi, Karnataka.