

**Shri Ramdeobaba College of Engineering and Management, Nagpur**  
**Department of Electronics and Communication Engineering**

**Session: 2019-20**  
**Events & Activities**

**FDP on “Antenna Trends”**

A Faculty Development Program on “**Antenna Trends**” was organized at Department of Electronics and Communication Engineering, Shri Ramdeobaba College of Engineering and Management, Nagpur during 1<sup>st</sup> – 5<sup>th</sup> July, 2019. The course was conducted by Electronics and ICT Academics setup and approved by Ministry of Electronics & Information Technology (MeitY). Under the scheme various IIT’s, NIT’s and IIIT’s come together for training with hands-on on basic and advanced level topics for Engineering streams. The E&ICT academies organize Faculty Development Programmes during summer (May - July) in core areas of Electronics and Information & Communication Technology (ICT) streams for faculty/mentor development and upgradation. The program was mainly organized by IIT Guwahati and NIT Patna with RCOEM as one of the recognized remote centres.

The program concluded with 18 participating faculties attending and appreciating the course at the RCOEM remote centre. The participants appreciated the program and efforts of the organizing team. The course was locally coordinated by Dr. (Mrs.) M. S. Korde and Prof. D. D. Shrivastava.



**FDP on Antenna Trends from 1<sup>st</sup> to 5<sup>th</sup> July, 2019**

## **EKATRA 2019 – Departmental Installation Ceremony of the Communique Student Society**

The department of Electronics and Communication Engineering has organized a one-day installation program on 23rd August 2019. The program was organized for installation of students Society 'Communique' in the EC department for the session 2019-20, by the induction of student committee.

A forum called 'communique' has been set up by the department which provides a platform to the students and staff to showcase their talent through various technical, curricular and cocurricular activities. The membership of the Society is open to all students of Electronics and Communication Engineering. The installation of Communique in the EC department marks the beginning of the journey of knowledge for all the student members.

Mrs. Sadhana Ratnaparkhi General Manager (Operations), Novatech, Nagpur as a Chief Guest, H.O.D Dr. R. B. Raut, student society Teacher Incharge, Prof. P. N. Thakre, Communique President Mr. Navin Gupta, Communique Secretary Mr. Abdul Sheik, all faculty members and students of the department were present for the inaugural ceremony.



**Chief guest Mrs. Sadhana Ratnaparkhi, General Manager (Operations), Novatech, Nagpur Inaugurating the Official Magazine Release by Communique Society.**



**Newly installed student society 2019-20**



**The inaugural ceremony was followed by various cultural events at evening**



### Co-Teaching (Industry Institute Interaction)

Sr. No.	Name of the Industry expert	Designation of affiliation	Topic	Name of the course	Number of lectures conducted	Date/Duration
1.	Er. Brajesh Kumar Kanaujiya	Scientist C, Regional Metrological Center, Airport, Nagpur.	Radar Receiver Antenna	Microwave Engineering (ECT 408)	02	3 <sup>rd</sup> March 2020
2.	Mr. Manohar Badge	SDE (RF Mobile) BSNL Nagpur.	GSM Technology (Unit-V)	Wireless Communication (ECT-407)	08	Feb-March 2020
3.	Pallavi Dahikar	Embedded Design Engineer, Hum Aspen Wellness Pvt. Ltd, Nagpur	Broadband and Multistage Amplifiers	RF Circuit Design (ECT-410-2)	02	9 <sup>th</sup> March 2020
4.	Mr. Sameer Khare	BSNL, Nagpur	GSM Technology	Wireless Communication (ECT-407)	08	Feb-March 2020



**Er. Brajesh Kumar Kanaujiya delivering a lecture**



**Mr. Manohar Badge delivering a lecture**



**Ms. Pallavi Dahikar delivering a lecture**



**Mr. Sameer Khare delivering a lecture**

### **Industrial Visit at MGIRI**

Industrial visit was organized at Mahatma Gandhi Institute for Rural Industrialization (MGIRI), Wardha on 3rd Feb 2020 for 2nd year students. Around 80 students along Dr. D. Dahigaonkar, Prof. P. Deshpande, Prof. P. Agrawal and Prof. S. Gosavi visited Industry.





## **Industrial Visit at Lokmat Solar Power Plant**

Industrial visit was organized at Lokmat Solar Power Plant, Butibori, Nagpur on 6<sup>th</sup> March 2020 for 3<sup>rd</sup> year students. Around 70 students along Dr. B. Neole, Dr. P. Selokar, Prof. D. Shrivastaw, and Prof. A. Jaiswal visited Industry.



## Parents Meet, Alumni Meet and Departmental Installations or Events



### Hod EC interacted with parents

Department of Electronics and Communication Engineering organized a Parent-Teacher Meeting for the session 2020-21 (Even Semester) on **18<sup>th</sup> January 2020**. Parent-Teacher Meeting coordinator 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. Dr. R. B. Raut, HOD EC addressed the gathering conversing about the happenings and recent developments in the department. A brief review of the various activities related to student placements, studentcounseling, extra-curricular activities in the department and student achievements formed a significant segment of this discussion. Parents were also made aware about the modifications in academics and exam rules, guidelines and provisions of the college by the HOD during the interaction. The existing opportunities for the students to acquire incentive benefits were also deciphered during the meet. 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.



## RCOEM-Internal Smart India Hackathon 2020

Electronics and Communication Engineering department conducted RCOEM-internal SIH2020 on 18<sup>th</sup> Jan 2020 for hardware category. There were 11 teams participated for screening their ideas and presentation in front of juries. Mr. Manish Sanghavi , executive director Sanghavi group of Industries, Butibori MIDC, Mr. Abhay Deshpande, director SSG Embedded Solutions Nagpur and Dr. S S Limaye, Former principal, RCOEM were members of jury panel. The selection of best two teams and two waiting teams were finalize in the presence of internal faculty experts Prof. P A Dwaramwar and Dr. R B Raut. The event was coordinated by V S Lande as SPOC, RCOEM- Internal SIH2020.

SNo.	Conference/STTP/Guest Lecture organised	Speaker (with Affiliation)	Topic of Guest Lecture	Duration	Date
1.	Guest Lecture	Dr.Biswajeet Mukherjee, Assistant Professor, IIT Jabalpur	Antenna Arrays and Practical Antennas	2 Hrs.	2 <sup>nd</sup> March, 2020
2.	Guest Lecture	Mr. Manohar Badge, BSNL, Nagpur	Practical Aspects of Wireless Communication	2 Hrs.	30 Jan. 2020
3.	Guest Lecture	Mrs. Pallavi Durugkar, Embedded Design Engineer, Hum Aspen Wellness, Pvt, Ltd.	Advanced Wireless Communication	2 Hrs.	28 <sup>th</sup> Feb 2020



**Dr.Biswajeet Mukherjee delivered a guest lecture**



**Mr. Manohar Badge delivered a guest lecture**

## **Students' Corner**

In Interdepartmental tournaments of RCOEM, Department of Electronics and Communication Engineering stood 1st in Branch cup, Music Cup, Girls sports Cup and Photography Cup also 2nd position in Technical Cup And 3rd in Drama Cup and Boys Sports cup. So, Electronics and Communication Engineering win Branch Cup of session 2019-2020.



<b>SNo.</b>	<b>Webinars</b>	<b>Speaker (with Affiliation)</b>	<b>Duration</b>	<b>Date</b>
1	An Online Webinar on “Prospects for Engineers in Defence Forces”	Mr. Akshay Dubey Merchant Navy	1hour	7th June 2020
2	Personal Branding	Ms. Pallavi Banerjee, Regional Marketing Manager, Lloyd's Register Quality Assurance, Hyderabad and Alumni RCOEM 2009	1 Hour	22 May 2020
3	Webinar- Advanced Concepts in Circuit Simulation and Compact Modelling Online Workshop	Mr. Dhawal Mahajan, Pursuing PhD from Macquire University, Sydney, NSW, Australia	2 Days	25 and 26 May
4	Webinar - Prospects for Engineers in Defence Forces	ETO Cadet Akshay Dube, Shipping Corporation of India and Alumni RCOEM 2016	1 Hour	7 June 2020
5.	Webinar-Role of Embedded Systems, IoT towards upcoming career opportunities in 5G	Mr. Sarang Kulkarni, Embedded System Engineer- Analog Devices Inc. and Alumni RCOEM 2016	2 Hours	13 June 2020
6	Live Game Development using Java Script (Webinar Series)	Mr. Vatsalya Mathur, Tech lead, Intuit Inc, USA , Alumni of EC Department 2013 batch	4 Days	6-9 June 2020
7	Webinar - VERILOG & SYSTEM VERILOG FOR BEGINNERS	Ms. JaeBonde, Graphics Hardware Design Engineer, Intel Corporation Pvt. Ltd. Bangalore, India	1 day	28 <sup>th</sup> May 2020
8	Webinar- Agile project Management	Program Manager, Operation Specialist, Mercedes Benz, Germany	1 day	11 May 2020



**Online Higher Education Counselling for EC students  
(Through EC Alumni who have pursued Masters in Science/ Masters in Technology/  
Masters in Business Administration in Reputed Foreign and Indian Institute)**

1.

**Guest Name :Mr. Aniruddha Paturkar**

**Guest Introduction:** MTech from **BITS Pilani** in Communication Engineering. EC 2017 batch alumni. He was all **India 1054 rank holder** in GATE 2017. Currently he is working in **INTEL India**.

**Topic:** Higher Education Opportunities in India and Importance of GATE in Engineering

Mr. Mohit interacted with EC students of 3<sup>rd</sup> year regarding higher education opportunities in technical field in India and abroad. Various requirements and necessities for doing MTech and PhD. He interacted with students through Google meet on **31<sup>st</sup> May'20 at 05 PM IST** for around 02 hr. Around 45 students have fruitful interaction on the opportunities in India through Mtech and Importance of GATE in Engineering.

2.

**Guest Name :Mr. Mohit Sinha**

**Guest Introduction:** MTech from **Indian Institute of Technology Delhi** in Computer Technology. EC 2017 batch alumni. He was **all India 777 rank holder** in GATE 2018.

**Topic:** Higher Education Opportunities in India and Importance of GATE in Engineering

Mr. Mohit interacted with EC students of 3<sup>rd</sup> year regarding higher education opportunities in technical field in India and abroad. Various requirements and necessities for doing MTech and PhD. He interacted with students through Google meet on **01<sup>st</sup> June'20 at 05 PM IST** for around 02 hr. Around 44 students have fruitful interaction on the opportunities in India through Mtech and Importance of GATE in Engineering.

The screenshot shows a Google Meet session. The main content is a presentation slide with the following data:

HIGHEST SALARY (INR)			
22.0 LPA BFSI	31.2 LPA Consulting	32.8 LPA FMCG	23.1 LPA IT/Analytics
24.0 LPA Manufacturing	20.7 LPA Pharma-Healthcare	46.5 LPA Retail/E-commerce	58.2 LPA Others

AVERAGE SALARY (INR)	
10%	36.80 LPA
20%	31.99 LPA
50%	25.99 LPA
Overall Average	20.88 LPA

**FINAL PLACEMENT SUMMARY**

The strength of any program can be evaluated by the diversity of profile that is on offer, for the candidates. The diversity of roles that were available for the students stands as a testament to the fact that NITIE has one of the popular general management programs of the country. This year too, the diversity of roles of first-time recruiters visiting the campus, the monthly compensation has increased.

The video call interface on the right shows participants: MOHIT SINHA, Harsh Mahajan, and Sparsh Sanjay Shah.

3.

**Guest Name :Mr. Sanket Khemka**

**Guest Introduction:** MBA from **National Institute of Industrial Engineering Mumbai**. EC 2016 batch alumni, he is currently working in **Zinc Hindustan Limited (Vedanta Group)** as **Associate Manager**. He had scored 98.5 percentile in CAT 2016.

**Topic:** Higher Education Opportunities in Management in India and abroad

Mr. Sanket interacted with EC students of 3<sup>rd</sup> year regarding higher education opportunities in management in India and abroad. Various requirements and necessities for doing MBA. He interacted with students through Google meet on **02<sup>th</sup> June'20 at 07 PM IST** for around 01 hr. Around 45 students have fruitful interaction on the opportunities in management field in India and abroad.

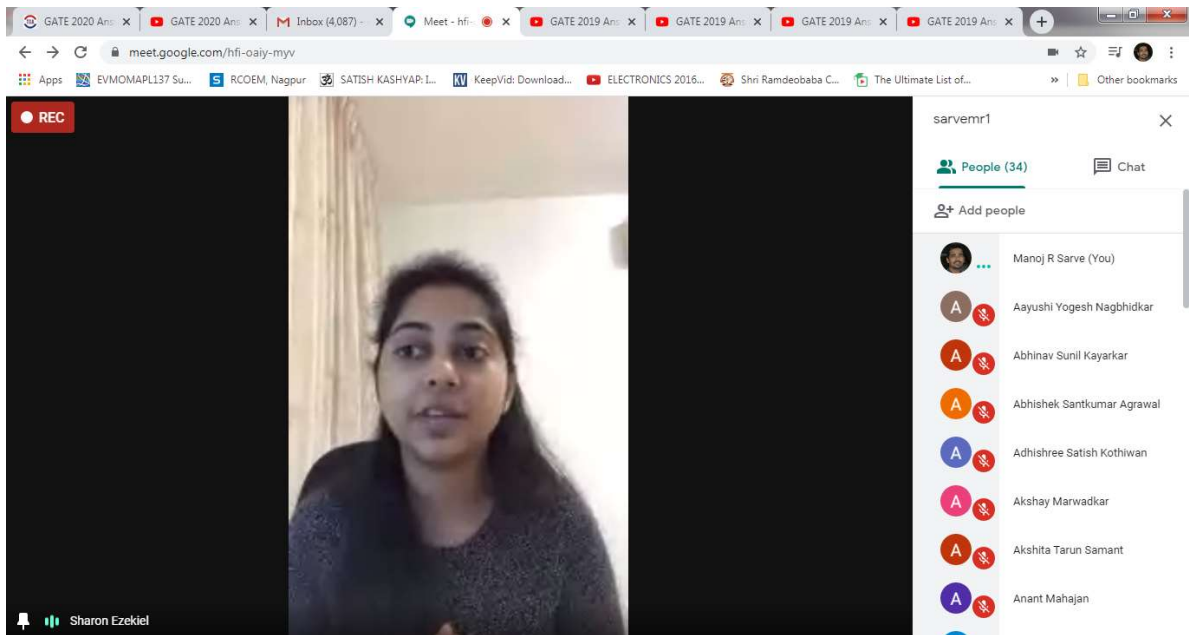
4.

**Guest Name : Ms. Sharon Ezekiel**

**Guest Introduction:** MS from **National Singapore University, Singapore**. EC 2016 batch alumni, she is currently working in **Senior Database Engineer in Visa Technology Singapore**.

**Topic:** Higher Education Opportunities in Singapore and Asian Universities

Ms. Sharon interacted with EC students of 3<sup>rd</sup> year regarding higher education opportunities in Singapore. Various requirements and necessities for studying in Singapore and Asian Universities. She interacted with students through Google meet on **04<sup>th</sup> June'20 at 07 PM IST** for around 01 hr. Around 42 students have fruitful interaction on the opportunities in United States of Singapore and Asian Universities.



5.

**Guest Name : Ms. Neha Ingle**

**Guest Introduction:** MS from **University of Southern California USA**. EC 2016 batch alumni, she is currently working in **Cisco Enterprise Networking SD-WAN solution group USA**. She has done masters in Electrical Engineering and Computer Networks..

**Topic:** Higher Education Opportunities in United States of America

Ms. Neha interacted with EC students of 3<sup>rd</sup> year regarding higher education opportunities in United States of America. Various requirements and necessities for studying in USA. She interacted with students through Google meet on **05<sup>th</sup> June'20 at 10 AM IST** for around 01 hr. Around 41 students have fruitful interaction on the opportunities in United States of America.

6.

**Guest Name : Ms. Vasudha Potdar**

**Guest Introduction:** MS from **Technical University Munich Germany**. EC 2018 batch alumni, currently working in **Infineon Tech. Munich Germany**.

**Topic:** Higher Education Opportunities in Germany

Ms. Vasudha interacted with EC students of 3<sup>rd</sup> year regarding higher education opportunities in Germany. Requirement and necessity of German language for studying in Germany. She interacted with students through Google meet on **11<sup>th</sup> June'20 at 11 AM IST** for around 2 hrs. Around 39 students have fruitful interaction on the opportunities in Germany.