RCOEM

Shri Ramdeobaba College of Engineering and Management, Nagpur

Reflection Newsletter

IN this issue

Letter From The Editor

"The Key to success is to focus on goals, not obstacles" with this inspiration the third quarter of the calendar year started with new research projects, consultancies , placement activities and a lot.

Departments has conducted parent Meet, Alumni Meet, Webinars, Carrier guidance activities guest lectures etc. on online platform. Students celebrated teachers' day on online platform.

The faculty members participated in STTPs, FDPs, NPTEL, MOOC courses and presented the research work in reputed conferences and journals. Some of our faculty members were granted patent.

On the account of National Sports Day, the birth anniversary of hockey legend Major Dhyan Chand, the Department of Physical Education, RCOEM organized its third edition "AAGAAZ 3.0" on 29 August2021.

"Arise! Awake! Stop not until the goal is reached" with the quotes of Swami Vivekananda College is achieving new milestone.

Happy reading !!!

RCOEM-TATA-CIIIT

1) 3 days' training sessions on Internet of Things (using Raspberry Pi & Arduino Nano) was organized on 1st, 2nd & 3rd July 2021. Mr. Shreyash Gajlekar, SME TATA Technologies, at CIIIT Center in Jalandhar, was the expert speaker. About 17 faculty members, supporting staff and students of M. Tech. Robotics & Automation of RCOEM attended the hands-on sessions. Use of Things peak and Mobile Application using the MIT APP Inventor was demonstrated.

Participants attending 3 day's training on Internet of things

Expert Speaker Mr. Shreyas Gajlekar and the participants of training on IoT

2) Two full Days Training Program on "Machine Learning" was organized at Machine Learning Lab RCOEM-TATA CIIIT by Department of Computer Science Engineering on 21st & 22nd Sept 2021. Mr. Anil Dhole SME, TATA Technologies was the expert speaker. Dr.Ramchand Hablani, Dr. Shubhangi Neware and Prof. Sweta Jain were the faculty coordinators. About 22 faculty and students attended the program in both offline and online mode, respecting Covid-19 restrictions and protocols.

Participants of 2 days' training program on Machine Learning

Visit of Eminent persons to RCOEM-TATA-CIIIT:

In response to request from Dr. Rajiv Khaire, dean III cell about Confederation of Indian Industry (CII) team visit to CIIIT facility, Mr. Swapnil Kadadekar, Deputy Director CII, Worli, Mumbai, Mr. Ranjit Singh, Chairman CII, Vidarbha Zone and director syslogix visited CIIIT on 24th Sept 2021. Efforts on building stronger association between RCOEM & CII, facility utilization etc was discussed.

Dr. Vishal Shukla explaining the functioning of Mechanical Execution System (MES) to Mr. Ranjit Singh, Chairman Vidarbha zone, CII (24 Sept 2021)

Prof. P. A. Dwaramwar briefing about IoT & Machine Learning Center of Excellence to Mr. Ranjit Singh, Chairman Vidarbha zone, Confederation of Indian Industries

Students Engagements and Participation in activities at CIIIT:

Students committee for facility & project demonstration during NAAC committee visit was constituted. The student members included were: Abhishek Shahu, Parag Sardey, Umang Chandarana, Animesh Hedaoo, Syed Hamza Ali, Aditya Chavhan, Vaibhav Anasane, Saud Baig. Student's demonstrate some projects like In-pipe inspection robot, 6DOF robot manipulator BIPED Robot stand, Voice control of 3 phase induction motor using voice command etc and demonstrated functioning of VMC, MES, Robots, 3D printer & scanner.

Following committee of students was constituted to demonstrate functioning of various machines to NAAC committee visited on 6th & 7th August 2021, between 11 to 3 pm.

Sr. No.	Name of the student	UG/PG-Yea-Sem	Name of Machine to operate
1	Abhishek Shahu	BE Mech Sem-VII	3-D Printer
2	Harsh Sharma	BE Mech Sem-VII	3-D Scanner
3	Parag Sardey	M. Tech. Robo & Automation	Internet of Things (IOTIF)
4	Animesh Hedaoo and Syed Hamza Ali	M. Tech. Robo & Automation Sem-II	Yaskawa Arc Welding Robot
5	Md. Saud	M. Tech. Robo & Automation Sem-II	Pick N Place Robot
6	Vaibhav Anasane	M. Tech. Robo & Automation Sem-II	Manufacturing Execution System

Competency development and up-skilling Trainings delivered by RCOEM Faculty & Training Instructors:

Competency development and up-skilling training batches for 3 value adding courses have started at CIIIT, which includes Additive Manufacturing & 3-D Printing, CNC programming & VMC operations and Geometric modeling on Catia v6. The students benefitted from the trainings are Mr. Akshay Kolhe (NIT, Nagpur), Ms. Pragati Gajbhiye (NIT, Nagpur) Om Kailaswar, Vedang Joshi and Divesh Kothari (All RCOEM) attended Catia v6 training during 16th August – 30th Sept. 2021. Dr. Vishal Shukla delivered Additive Manufacturing & 3-D Printing training, Dr. A. D. Urade and Dr. P.S. Deole are the trainers for VMC operations and CNC Programing respectively. Mr. Mayur Patle demonstrated and engaged Hands-on VMC operations. Dr. Vishal Shukla provided learning's on Manufacturing simulation and Generation of G-Codes for CNC & VMC. Mr. Sumit Ramteke, provided training on Geometric modeling through professional and commercial software Catia v6.

Completion of Research Project and Consultancy:

A consultancy project on Mold design, 3-D printing and manufacturing of Padma Kund, Shree Yantra, Diya etc. for an organization, operating in Saunsar, has been completed. Also, Hand press machines (12 Nos) was designed fabricated and delivered. Mr. Anil Dhole, SME TATA Technologies, Harsh Sharma of Sem-VII (Mechanical Engg) & Dr. Vishal Shukla contributed their knowledge, skills and efforts for the first ever consultancy project at CIIIT. The final stage of the project was completed on 30th Sept 2021.

Dr. Vishal Shukla has successfully completed a challenging 3-D printed project for one of the local Industries requiring assembly of multiple thin shell parts made from Fused Filament Fabrication on Ultimaker 3 extended 3-D printer available at CIIIT.

Projects being explored at CIIIT:
1. Measurement of Biting force of restored through PVDF sensor & related instrumentation.
2. Thermo-forming of Half-hemisphere of clear acrylic sheet for Robot casing.
3. Manufacturing of bamboo composites.

RCOEM Technology Business Incubation (TBI)

RCOEM TBI Foundation successfully organized semester long CHANGE MAKERS 2021 event. The program was executed by RCOEM TBI in association with OASIS – The Entrepreneurship Development Cell. The theme of the program is to provide platform for innovation, creativity and design thinking.

The Change makers started on 29th July 2021 and innovative ideas from students on business, product development & social importance were invited.

A webinar on Frugal Innovation: A new Business Paradigm was delivered by Dr. Rupesh Pais on 16th August 2021. He discussed about various frugal innovations emerging out of necessity, their journey and impact created. 60 Innovators attended the above program.

Total 64 ideas were submitted by the young innovators. They prepared business plan and 29 Idea/business plan were presented by the students on 3rd, 6th, 8th and 11th September 2021.

A panel of faculty members Dr. Rupesh Pais, Dr. Rajiv Khaire, Dr. Uday Mujumdar, Dr. Rajesh Raut, Prof. Pravin Dwaramwar , Mr. Vinay Chawla evaluated the students ideas, business plan presentations and guided them on various aspects.

Prof. Pravin Dwaramwar guided the students on various aspects of innovators journey from idea to business ventures, idea validation, market survey, value proposition, customer discovery on 25th September 2021.

Through various activities and initiatives a cohort of 47 students is formed and through RCOEM TBI Activate and Ignite program, in near future students are going to be equipped students to develop an entrepreneurial mindset, become future entrepreneurs and to teach the necessary skills to develop ventures beyond the idea/prototype stage.

CDPC Report on Student Engagement 2021 Batch

Branch	Total No. of students	No. of Students Placed	Higher Studies	Entrepreneurship	Percentage %
B.E. Civil Engineering	144	43	17	7	46.52%
B.E. Industrial Engineering	76	32	11	7	65.78%
B.E. Electrical Engineering	78	51	3	0	70.00%
B.E. Electronics Engineering	206	143	2	0	70.38%
B.E. Electronics Design Technology	30	19	0	0	63.33%
B.E. Electronics and Communication	155	125	4	0	83.22%
B.E. Information Technology	76	64	1	1	86.84%
B.E. Computer Science and Engineering	149	141	4	3	99.32%
B.E. Mechanical Engineering	76	54	7	0	80.26%
Total (UG)	**990**	**672**	**49**	**19**	**82.22%**
M.Tech Structural Engineering	15	4	0	0	26.66%
M.Tech VLSI Design	3	1	0	0	33.33%
M.Tech Computer Science and Engineering	13	6	0	0	46.15%
M.Tech Electrical Engineering (PEPS)	7	0	0	0	0%
M.Tech Heat Power Engineering	7	1	0	0	14.28%
M.Tech Industrial	7	0	0	0	0%
Master of Computer Applications	120	72			60%
Master of Business Administration	162	109	1	2	67.28%
Total (PG)	**334**	**193**	**1**	**2**	**58.68%**

CDPC Placements Status Report (Unique) 2022 Batch

Branch	Total No. of students	No. of Students Placed	Percentage %
B.E. Civil Engineering	139	16	11.51%
B.E. Industrial Engineering	68	30	44.11%
B.E. Electrical Engineering	70	51	72.85%
B.E. Electronics Engineering	220	160	72.72%
B.E. Electronics Design Technology	37	25	67.56%
B.E. Electronics and Communication	144	123	85.41%
B.E. Information Technology	71	62	87.32%
B.E. Computer Science and Engineering	145	128	88.27%
B.E. Mechanical Engineering	79	42	53.16%
Total (UG)	**973**	**637**	**65.46%**
M.Tech Structural Engineering	18	0	
M.Tech VLSI Design	7	0	
M.Tech Computer Science and Engineering	14	1	7.14%
M.Tech Electrical Engineering (PEPS)	10	0	
M.Tech Heat Power Engineering	6	0	
M.Tech Industrial	7	0	
Master of Computer Applications	53	6	11.32%
Master of Business Administration	171	33	19.29%
Total	**286**	**40**	**13.98%**

Reflection

CDPC – Activity Report

01 July 2021	Zs Associates Pune 2021 (Cse, It And Ece)- Phase2	7.1 Lpa	Close Campus
02 July 2021	Tech Mahindra 2021	3,4 Lpa	Off Campus
03 July 2021	Amazon Bootcamp		Training
05 July 2021	Simple Crm 2021	4 Lpa	Close Campus
06 July 2021	Atos 2021	3.1 Lpa	Close Campus
07 July 2021	Happiest Minds 2021 , 2020 Off Campus	4 Lpa	Off Campus
11 July 2021	Online Campus Placement Training Program - 2022 Passing Out Batch		Training
12 July 2021	Deloitte Intern Hiring Drive For B.E.-All Branches, M.Tech– Cs And Mca 2021 Batch		Off Campus
16 July 2021	Neeyamo Drive 2020 And 2021 Batch Be-Cs / It/ Ece/En/Edt/Ee/Ind And Mca	3.5 Lpa	Off Campus
16 July 2021	Infosys Off-Campus Recruitment Drive For 2021	3.5 Lpa	Off Campus
16 July 2021	Mycaptain! Climber For 2020 & 2021	3 Lpa	Off Campus
19 July 2021	Naaptol Online Shopping Pvt. Ltd. - 2021, 2020, 2019		Off Campus
19 July 2021	Preparatory Talk For Salesforce		Training
20 July 2021	Persistent All India Hiring 2022 Batch	4.75, 6.5 9 Lpa	Close Campus
21 July 2021	Ubs (Www.Ubs.Com) 2021 Batch Only		Off Campus
24 July 2021	Goldman Sachs Campus Hiring Program 2022 Batch And Summer Internship For 2023 Batch		Off Campus
24 July 2021	Bristlecone - Campus Hiring For Be-Cs/It/En/Ec/Edt/Ee And Mca 2021 Batch		Off Campus
24 July 2021	Tata Advanced Systems Limited (Tasl) Drive For 2021 Batch Be- Me/Ind	4 Lpa	Close Campus
24 July 2021	Goldman Sachs	Campus Hiring Program 2022 Batch (Be-All Branches)		Off Campus
24 July 2021	International Placement Oppurtunity @ Virtusa	Usa	Be/ Mca	2022 Batch		Off Campus

CDPC – Activity Report

26 July 2021	Knowledge Hour With Infosys | July 28, 2021- For 2022 Batch		Training
28 July 2021	Persistent Campus Hiring: Mca - 2021 & 2020 Pass Out		Close Campus
06 August 2021	Fivetran Internship/Placements 2022 Be – Cs, It, Ec	20-30 Lpa	Close Campus
10 August 2021	Intel- Openvino Tool-Kit Training - 13th August 2021		Training
10 August 2021	Lti Campus Hiring 2022	5 Lpa	Close Campus
10 August 2021	Vmware Internship Hiring 2022 For Be- Cs/It	20 Lpa	Close Campus
11 August 2021	Virtusa Consulting Services Pvt Ltd Neuralhack - Contest - 2022	4 Lpa	Open Campus
11 August 2021	Reliance Jio Platforms Limited, Mumbai Campus Hiring 2021 - Pool Campus	4.5 Lpa	Close Campus
11 August 2021	Sapient Campus Hiring 2022	10 To 15 lpa	Close Campus
11 August 2021	Tcg Digital Campus Hiring 2022 /2021		Close Campus
11 August 2021	Sahaj Campus Hiring 2022	9 Lpa	Close Campus
12 August 2021	Accenture Campus Hiring 2022	4.5, 6.5 Lpa	Close Campus
13 August 2021	Cognizant Gen-C-Pro Service Now Campus Hiring 2022 For Be-Mech-Ind/Civil	4, 5.25, 6 Lpa	Close Campus
14 August 2021	Tcs (Ninja) Hiring 2022.	3.5, 6 Lpa	Close Campus
16 August 2021	Techture, Nagpur 2020, 2021	3.5 Lpa	Close Campus
18 August 2021	Capillary Campus Hiring 2022	13 Lpa	Close Campus
24 August 2021	Tata Technologies Pune (Get) 2020 & 2021	4.5l	Close Campus
24 August 2021	Metlok Nagpur Be Mtech Mech/ Inds 2021, 20, 19	3 To 3.5 Lpa	Close Campus

CDPC – Activity Report

Date	Activity	Package	Type
25 August 2021	Kpit Off-Campus Hiring 2020, 2021 Batch	3 Lpa	Close Campus
26 August 2021	Capgemini Pooled Campus Drive 2021	4 Lpa	Pool Campus
31 August 2021	Siemens Recruitment Drive 2021 & 2020 Batch	5 Lpa	Close Campus
31 August 2021	Benchmark It Solutions Pune 2021	3.5 Lpa	Close Campus
3 September 2021	Eaton Campus Drive For Mca 2021 Batch	6.25 Lpa	Close Campus
3 September 2021	Modern Arch Campus Drive -2018-2021	6.25 Lpa	Close Campus
6 September 2021	Simplex Chemopack / Italent India Placement Opportunity For Ind/ Mech 2021	3 Lpa	Close Campus
7 September 2021	Simplex Chemopack / Italent India Placement Opportunity For Ind/ Mech 2021	3 Lpa	Close Campus
7 September 2021	Registration-Bosch Ltd -Nashik: Ga Recruitment 2021	4 Lpa	Close Campus
7 September 2021	Eaton Campus Drive For Mca 2022 Batch	6.8 Lpa	Close Campus
8 September 2021	Sunflag Iron & Steel Co. Ltd Campus Drive For 2021	3 Lpa	Close Campus
8 September 2021	Rcoem Cdpc Amcat Assessment Test		Test
8 September 2021	Amazon Career Day -2023 And 2022 Batch		Internship
8 September 2021	Capgemini Exceller - Pre-Placement Meetup 2021		Meeting
9 September 2021	V-Guard Placements - Big Idea Design & Tech Challenge 2021		Off Campus
13 September 2021	Principal Global Solutions Campus Drive 2022	6 Lpa	Close Campus
15 September 2021	Siemens Recruitment 2021	5 Lpa	Close Campus
18 September 2021	Fis University Program - Virtual Campus Recruitment 2021 Passout	5 Lpa	Off Campus
20 September 2021	L&T Technology Services Limited (Ltts) -2022	4 Lpa	Close Campus

CDPC – Activity Report

20 September 2021	Dxc Technology Campus Drive 2022	4 Lpa	Close Campus
20 September 2021	Dark Horse Campus Drive 2022	5.2 Lpa	Close Campus
21 September 2021	Nice Campus Drive For 2022 Batch	3.8 Lpa	Close Campus
23 September 2021	Prime Asset Realty Placement Drive For Be 2021	2.4 Lpa	Close Campus
23 September 2021	Mahyco Private Limited (Dawalwadi, Jalna) Campus Drive 2021,20,19,18	5-10 Lpa	Close Campus
23 September 2021	Eaton Campus Hiring -2022 Batch	6.8 Lpa	Close Campus
24 September 2021	Zs Associates (Sap Systems Analyst) 2021,20,19,18	3.6 Lpa	Close Campus
24 September 2021	Nutanix Internship Drive 2022 Batch	15 To 20 Lpa	Close Campus
25 September 2021	Byjus Campus Hiring 2020, 2021 Passout Batch	6 Lpa	Close Campus
28 September 2021	Wipro Off Campus Drive (2020 And 2021 Pass Out Students)	3.5 Lpa	Close Campus
29 September 2021	Federal Bank 2020-21	3 Lpa	Close Campus
29 September 2021	Solar Industries Nagpur Internship Drive 2020, 2021	3 Lpa	Internship
29 September 2021	Tech Mahindra Campus Drive For 2020 And 2021	3 Lpa	Close Campus

IEEE Events

1. Our Students Malhar Deshkar, Monaco Bhole and Nagesh Udasi winners of IEEE REGION-10 HTA HIGHLIGHT VIDEO CONTEST, their Video was titled "Advanced Touch less Sanitizer Dispenser".

2. A webinar on "Project based learning – Key for Effective Research Paper writing" was organized on 4th July 2021. The speaker of the webinar, Vedant Bahel, Junior Research Assistant at Baker's EDM lab, University of Pennsylvania, made this webinar very interactive. The participants were very curious to know the different techniques which are to be taken care of while writing research papers.

Reflection

Department of Civil Engineering

1. Faculty Corner

1.1 Guest Lectures taken by faculty

S.N.	Name of Faculty	Topic of Guest Lecture	Date of Guest Lecture	Organizers of Guest Lecture
1.	Dr. A. M. Gharad	Steel Structures - An Introduction to IS 800:2007	15/09/2021	Nagpur Institute of Technology, Nagpur (https://drive.google.com/file/d/1e-hsOiU9rzIHg7pDnFsXnVgzleGkl4Bv/view?usp=sharing)
2.	Dr. R. N. Khapre	Application of Software in Civil Engineering	18 September 2021	Nagpur institute of Technology, Nagpur
3.	Prof. Hariom Khungar	Basics of Earthquake Engineering	14 September 2021	Nagpur Institute of Technology, Nagpur

1.2 Publications

SN	Name of the Authors	Title of the Paper	Name of the Journal/ Conference/Book	Date of Conference/ Publication	ISSN/ ISBN	DOI, vol., Iss., pp	SCI/ Scopus/ ICI / Other (index)
1.	Ms. Monika Jain, Ms. Megha Khobragade, Dr. Rajendra Khapre	Bursting force in post-tensioned concrete I beam	Asian Journal of Civil Engineering (Building and Housing)	1 September 2021	1563-0854	https://doi.org/10.1007/s42107-021-00391-y	Scopus
2.	Dr. V A Dakwale, Dr. R N Khapre, Dr. R V Ralegaonkar	Finite Element Model for Thermal Performance Analysis of Building.	2nd International Conference On Chemical, Bio & Environmental Engineering (chembioen-2021)	20-22 August 2021	-	-	-

1.2 Publications

3.	Mrs.V. R. Harne, Ms. P. Harinkhede	Analysis of Precast Box section of a Bridge for Different Span Lengths	International Conference on Innovative and Sustainable Technologies in Civil Engineering (ISTCE 2021)	September 24th & 25th, 2021.	-	-	-
4.	Tripti B. Gupta1, Khalid S. Ansari	A review on sensor based air pollution monitoring equipments and their application	Science, Technology and Development	AUGUST 2021	ISSN : 0950-0707 Volume X Issue VIII AUGU-ST 2021	UGC	Tripti B. Gupta, Khalid S. Ansari

1.3 STTP/FDP/other Training Attended by Faculty

SR. NO	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1.	Vaishali Rajurkar	FDP	1 Week	All India Council For Technical Education
2.	Dr. Prashant D. Hiwase	STTP	1 week 23rd August 2021 to 27th August 2021.	"Hydrological Modelling, Climate Change and Soft Computing Applications in Water Resources Engineering" Organised by Department of Civil Engineering at MVPS's KBT College of Engineering, Nashik, in association with SSPU and ISH Pune.
3.	Prof. Hariom Khungar	workshop	1 week 28 June-2 July	Universal Human Values conducted by AICTE

SR. NO	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
4.	Prof. Hariom Khungar	Advanced course	1 week 15-17 Sept 2021	Online Advanced Course on Micro structural Characterisation Techniques & Mix Design of Special Concretes by SERC Chennai
5.	Prof. Sumit Geete	Advanced course	1 week 15-17 Sept 2021	Online Advanced Course on Micro structural Characterisation Techniques & Mix Design of Special Concretes by SERC Chennai
6.	Prof. Hariom Khungar	AICTE Training and Learning (ATAL) Academy FDP	1 week 30/08/2021 to 03/09/2021	"Sustainable Construction Practices in Civil Engineering" At Government Polytechnic Sakoli.
7.	Prof. Sumit Geete	AICTE Training and Learning (ATAL) Academy FDP	1 week 30/08/2021 to 03/09/2021	"Sustainable Construction Practices in Civil Engineering" At Government Polytechnic Sakoli.
8.	Dr. Tripti Gupta	AICTE Training and Learning (ATAL) Academy FDP	1 week 30/08/2021 to 03/09/2021	"Sustainable Construction Practices in Civil Engineering" At Government Polytechnic Sakoli.

2. Departmental Activities

2.1 Parents Meet, Alumni Meet and Departmental Installations or Events

A Parent – Teacher Meet was organized by the Civil Engineering Department on September11, 2021 (Saturday) from 9.30 a.m. to 10.30 a.m.in online mode via. Google Meet for the current session 2021-22 (OddSem). The meeting was addressed by head of the department, Prof. P.B. Kulkarni. It was attended by almost all faculty members of the department. This meet received a very good response from the parents of V (Shift I & Shift II), and VII (Shift I & Shift II) semester students. More than 60 parents attended the online meet and interacted openly.

Prof. P.B. Kulkarni briefed the meeting. He discussed all the concerned points about students. He also mentioned about the NIRF ranking of the college which was released few days back. Dr. P.D. Hiwase informed parents about the placement and steps taking by department about improvement in placement. Dr. T.B. Gupta discussed about alumni and involvement in college activities. Dr. P.P. Dahale informed about

framing of syllabus and stakeholder involved in it. Prof. L.R. Gangwani explained all the efforts taken by department pertaining to improvement of industrial training of students. Prof. V.R. Harne informed parents about various committees visited to the college and importance of those committees. Class teacher share the details about Test 1 marks and attendance to the parents. Concerned subject teachers clarified the queries of parents regarding to placement, industrial training etc.
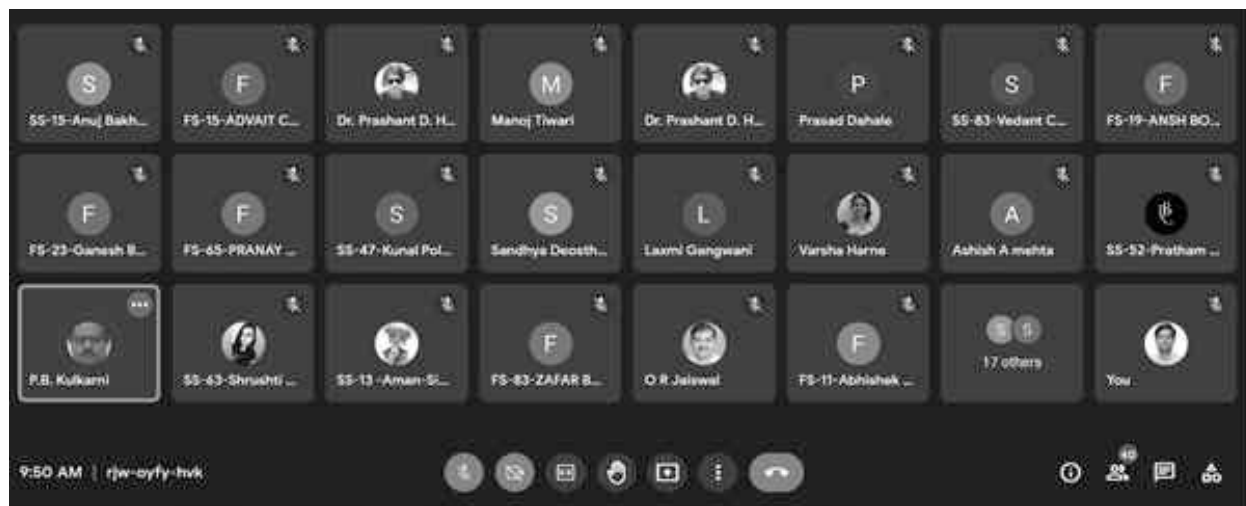
Online Parent – Teacher Meet

2.2 Conference, STTP and Guest Lectures organized in Department

Sr. No 2	Conference/STTP/Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
1.	Guest lecture	**Mr. Sanjay Wankhede** Director, GEOsystems Research & Consultants (I) Pvt. Ltd. Nagpur	2 Hrs	27 September 2021
2.	Guest lecture	Dr. Anshuman Shriwastava	2 Hrs	18 September 2021
3.	Guest lecture organized	Er. Om Gomase Deputy Manager, Structural Design Department, Adani Logistic, Ahemadabad	1.5 hrs	29 September 2021

3. Students' Corner

3.1 Students in Higher Studies

Pass out Year	Year of admission	Department graduated from	Name of institution joined	Name of program admitted to	Name of student
2021	2021	BE Civil Engineering	University of Cincinnati, USA	Master of Science	Aakriti Krishna Kumar Khanuja
2021	2021	BE Civil Engineering	K J Somaiya Institute of Maharashtra, Mumbai	MBA	Eeshan Pradyumna Deshpande
2021	2021	BE Civil Engineering	NICMAR, Pune	MBA in construction management	Krishna Sanjay Chandak
2021	2021	BE Civil Engineering	IIT Hyderabad	M.Tech, Structural Engg.	Omkar Prasanna Kulkarni
2021	2021	BE Civil Engineering	CEPT University, Ahmedabad	M.Tech, Structural Engg.	Swapnil Sharad Nandurkar
2021	2021	BE Civil Engineering	IIT Bhubaneswar	M.Tech, Structural Engg.	Abhishek Dilip Aherwar
2021	2021	BE Civil Engineering	Mahendra University, Hyderabad	M.Tech, Computer aided Structural Engg.	Mandar Deshpande
2021	2021	BE Civil Engineering	Malaviya National Institute Of Technology Jaipur	M.Tech, Transportation Engg.	Shruti Shrawan Wakode
2021	2021	BE Civil Engineering	NICMAR, PUNE	M.tech Advanced Construction Management	Ram Sudhir Malani
2021	2021	BE Civil Engineering	NICMAR, PUNE	M.tech Advanced Construction Management	Suruchi Suresh Mothe
2021	2021	BE Civil Engineering	NICMAR, PUNE	PG in project engineering & management, (PGP PEM)	Shivampuri Bagwe
2021	2021	BE Civil Engineering	BITS Pilani, Rajasthan	M.E Civil (Structural Engg)	Palash Maind

Pass out Year	Year of admission	Department graduated from	Name of institution joined	Name of program admitted to	Name of student
2021	2021	BE Civil Engineering	Access Livelihoods Learning Foundation, Hyderabad	PG in Transforming India Initiative Social Entrepreneurship Program	Mohsin Khan
2021	2021	BE Civil Engineering	BITS Pilani, Hyderabad campus	M.E Civil (Transportation Engg)	Shruti Ghule
2021	2021	BE Civil Engineering	BITS Pilani, Hyderabad campus	M.E Civil (Transportation Engg)	Shruti Ghule
2021	2021	BE Civil Engineering	VNIT, NAGPUR	M.Tech (Transportation Engg)	Lokesh Chopde
2021	2021	BE Civil Engineering	BITS Pilani, Rajasthan	M.E Civil (Structural Engg)	Rahul kumar singh
2021	2021	BE Civil Engineering	VNIT, Nagpur	M.Tech (Transportation Engg)	Yash N. Bajaj

Prof. Sumit Geete has been appointed as, Secretary, Association of Consulting Civil Engineers (**ACCE**), Nagpur Centre.

Prof. H.P. Khungar completed the NPTEL course (July-Aug 2021) on Geotechnical Engineering Laboratory and received Elite certificate.

Dr. T.B. Gupta completed the NPTEL course (July-Aug 2021) on Geotechnical Engineering Laboratory and received Elite certificate.

Department of Computer Science and Engineering

1. Faculty Corner

1.1 STTP/FDP/other Training Attended by Faculty

S.NO.	Name of Faculty	STTP/FDP/ Training Attended	Duration/Date	Organizers of the event
1.	Prof. S. C. Tirpude	FDP on "Semantic Intelligence: The Way Forward with Artificial Intelligence (Part I)"	21/07/2021 to 25/07/2021	AICTE Training and Learning (ATAL) Academy and National Institute of Technology, Kurukshetra
2.	Prof. D. A. Borikar	One Week ATAL Academy Online FDP on "Blockchain Technology and Cryptocurrency"	23/08/2021 to 28/08/2021	NIT Agartala
3.	Prof. D. A. Borikar	Two Weeks 40 Hours FDP on "Deep Learning & Applications (Parallel Architectures)"	23/08/2021 to 03/09/2021	E&ICT Academies
4.	Prof. D. A. Borikar	One Week ATAL Academy Online FDP on "Blockchain Technologies"	06/09/2021 to 10/09/2021	University College of Engineering (A) Kakinada, JNTUK, Andhra Pradesh
5.	Prof. D. A. Borikar	Two Weeks International Online STTP on "Computational Techniques & Applications in Bioinformatics"	13/09/2021 to 25/09/2021	Department of Information Technology, in collaboration with Student Chapters of IEEE Computer Society & Association for Computing Machinery, MVSR Engineering College, Hyderabad, Telangana
6.	Prof. D. A. Borikar	Online course "LFS101x : Introduction to Linux"	15/07/2021	Linux Foundation X via edX
7.	Dr. Shubhangi Neware	DEEP LEARNING FOR COMPUTER VISION	23/08/2021 to 27/08/2021	Panimalar Engineering College

S.NO.	Name of Faculty	STTP/FDP/ Training Attended	Duration/Date	Organizers of the event
8.	Prof. Sunita Rawat	"Internet of Things (IOT) with Artificial Intelligence (AI)"	12/7/2021 to 16/7/2021	Chandigarh College of Engineering & Technology (CCET-Degree Wing), (Affiliated to Punjab University).
9.	Prof. Vrushali Bongirwar	Data Science : Applications and Research Directions	05/07/2021 to 09/07/2021	AICTE Training and Learning (ATAL) Academy and Atal Bihari Vajpayee University.
10.	Dr. Ramchand Hablani	Two Days workshop on "Experiential Learning using NVIDIA DGX"	10-11 Aug 2021	Dept of CSE, RCOEM
11.	Dr. Shailendra S. Aote			
12.	Dr. Rashmi Welekar			
13.	Dr. Swati Hira			
14.	Prof. Aarti Karandikar			
15.	Prof. Khushboo Khurana			
16.	Prof. P.R. Pardhi			
17.	Prof. D. A. Borikar			
18.	Dr. Shubhangi Neware			
19.	Prof. Vrushali Bongirwar			
20.	Prof. Pravin Sonsare			
21.	Prof. Shweta Jain			

2. Departmental Activities

2.1 Installation

The Student Executive Body for the Session 21-22 for COMPUSYS and following five chapters led by Department of Computer Science and Engineering, ACM Chapter, CSI Chapter, Code Chef Chapter, Google DSC, OASIS - ED Cell was declared in September 2021.

The department has initiated and installed Intel Student Ambassador and Iota Club, led by Sayandeep Ghosh of V semester. The Intel Student Ambassador program aims to allow students to access Intel's latest software,

oneAPI, simplify programming, improve efficiency, and aid innovation on the latest Intel® CPUs, GPUs, and FPGAs using Intel® oneAPI Toolkits. Following students have been selected as the executive members of the club: Ashtavinayak Pande (Content Creator and Problem Setter), Janmejay Rathi (Management), Radha Malichkar (Social Media Manager and content writer), Sameer Mishra (Web Developer) and Lakshita Werulkar (Graphics Designer).

2.1 Guest Lecture on "Problem Solving for Placements

A webinar on "Problem Solving for placements" was organized by the RCOEM Code Chef chapter on 26th September 2021, 1 PM onwards. Mr. Nishant Khanorkar, MTS, VMWare was the speaker for the session. The main aim of the webinar was to highlight importance of competitive coding in preparation of placements and guidance about paths in competitive programming. The attendees were informed about various platforms and basic information from where to start competitive programming. Doubts of the attendees were also constructively answered at the end of the session. The webinar ended with an interaction with the industry expert. The webinar was attended by 205 participants and was a great success from the responses received from participants and their feedback.
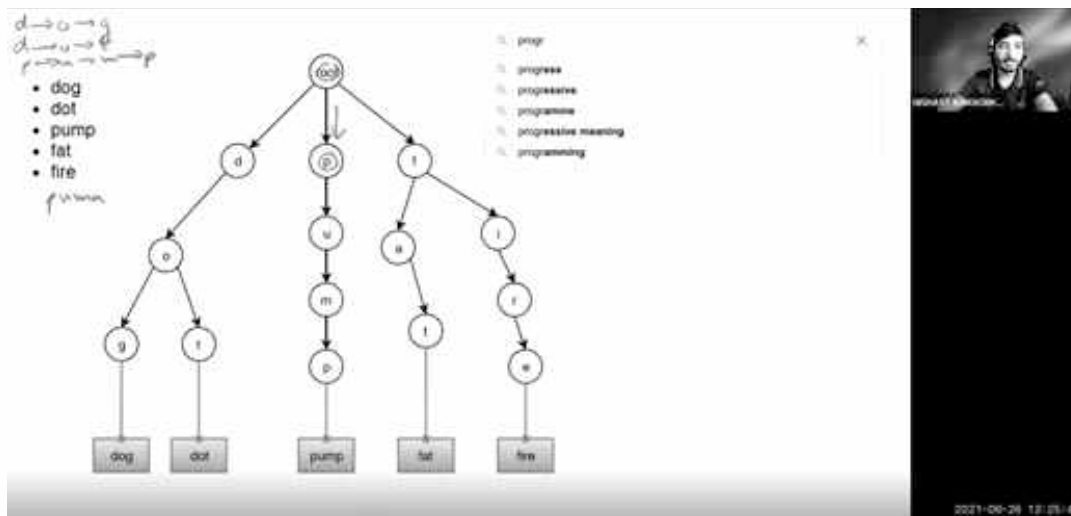
Insert Image1 here: Mr. Nishant Khanorkar addressing the audience

2.1 Google DSC Coding Contest

Google DSC RCOEM Chapter, organized a competition on the occasion of Ganesh Chaturthi under the name "Bappa ka Prasad" on 18th September 2021, 5pm onwards. This event helped the students to develop their coding skills and programming logic. It was a fun activity contest with lots of learning.

The main objective of the event was to help students get started with competitive programming and give them an introduction to various CP platforms. The doubts of the participants were solved on the communication platform discord. 532 attendees from different colleges attended the event. The event had 15 collaborators ,out of which Newton coding Club sponsored the prizes.

The winners of the event were Masahiro Inoue from Japan, Abhishek Angale from RCOEM, Nagpur and Aniket Shukla from LNMIIT.

2.1 Parents Meet

Parent-Teacher Meet was conducted on 11th September, 2021, 10.30 AM onwards in online mode through Google Meet by Department of Computer Science & Engineering.

The meeting was commenced by Head of Department, Dr. M. B. Chandak. A presentation on students' achievements which included prominent achievements of CSE students, results, placement activities, internships and elevated alumni positions was shared with the parents and students during meeting.

Meet was attended by parents of 17 students. The parents were given the general observation about their wards performance in the Internal Tests and Teacher Assessment by class in-charge and course coordinators. The parents also discussed the problems and suggestions for improvement in the subjects with their respective subject teachers. The parents filled the feedback form and also suggested the various ways of improvement.

2.5 Conference, STTP and Guest Lectures organized in Department

Sr.No.	Conference/STTP/Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
1.	Guest lecture on "Basics of Data Science"	Mr. Jaidev Deshpande	1hr	17 Jul 2021
2.	Guest lecture on A Roadmap to Data Science	Mr. Aditya Jain, M. Tech, IIT Powai	1hr	17 Jul 2021
3.	Guest lecture on "Magic with "AI&ML"	Mr. Mukesh Joshi, Director Technology, AIML Expert, Opus Consulting Solutions	1hr	31 Jul 2021
4.	Two Days workshop for Teachers on "Experiential Learning using NVIDIA DGX"	Mr. Shashank Gupta	10 hr	11-12 Aug 2021
5.	Guest lecture on "Problem Solving for Placements"	Nishant Khanorkar, VMWare	1 hr	26 Sep 2021

Fireside chat on Overview of Cyber Security

Department of Computer Science and Engineering(Cyber Security), Shri Ramdeobaba College of Engineering and Management, Nagpur, organized a fireside chat on Overview of Cyber Security on Friday, 9th July 2021 from 10:00 am to 11:30 am IST. It was organized on the Zoom online platform. The resource person for the Guest Lecture was Mr. Upendra Mardikar, Chief Security Officer, Snap Finance, USA. Mr. Upendra Mardikar introduced the basics of Cyber Security. He discussed world famous hack cases like colonial pipeline ransomware attack and SolarWinds hack. He talked about the use of artificial intelligence in cyber security. He discussed the opportunities for cyber security professionals in the current scenario. Lastly he discussed possible career opportunities & directions for the students in Cyber Security.

Webinar on "Artificial Intelligence and Machine Learning: Magic with AI &ML"

A webinar on "Artificial Intelligence and Machine Learning: Magic with AI &ML" was organized on 31st July 2021 from 11:00 am to 12:30 pm through online mode and the session was conducted on Google Meet platform. The Guest Speaker for the event was Mr. Mukesh Joshi, Director: Technology AI & ML Expert, Opus Consulting Solutions, Pune. The webinar was attended by 100 participants including faculties and students. The objective of this webinar was to introduce Artificial Intelligence and Machine Learning to students and provide some practical ways through case studies to think about how to use it in the Enterprise. It is ideal for Data Scientists and Business Decision makers working in large Enterprise businesses looking

to uncover opportunities to begin an AI/ML project.

Two Days Training Programme on "Machine Learning"

The Department of Computer Science and Engineering and RCOEM-TATA CIIIT in Association with TATA Technologies organized Two Days Training Programme on "Machine Learning" on 21st – 22nd September, 2021. Dr. R.S.Pande, Principal RCOEM, Dr. M.B.Chandak Head of the Dept, CSE, Dr. Vishal Shukla, Professor In charge RCOEM-CIIIT enthusiastically supported the training programme. The Training programme was coordinated by Dr. R.Hablani, Prof. Sweta Jain and Dr. S.Neware.

Mr. Anil Dhole and Dr. Ishtiaq Khan, Tata Technologies, Pune demonstrated agriculture application -" Selective Spraying for cotton plant using Artificial Intelligence" developed by them using Machine Learning and IOT for Pesticide spray in farms. Hands on session was conducted on various machine learning models on Anaconda framework using Jupyter notebook.
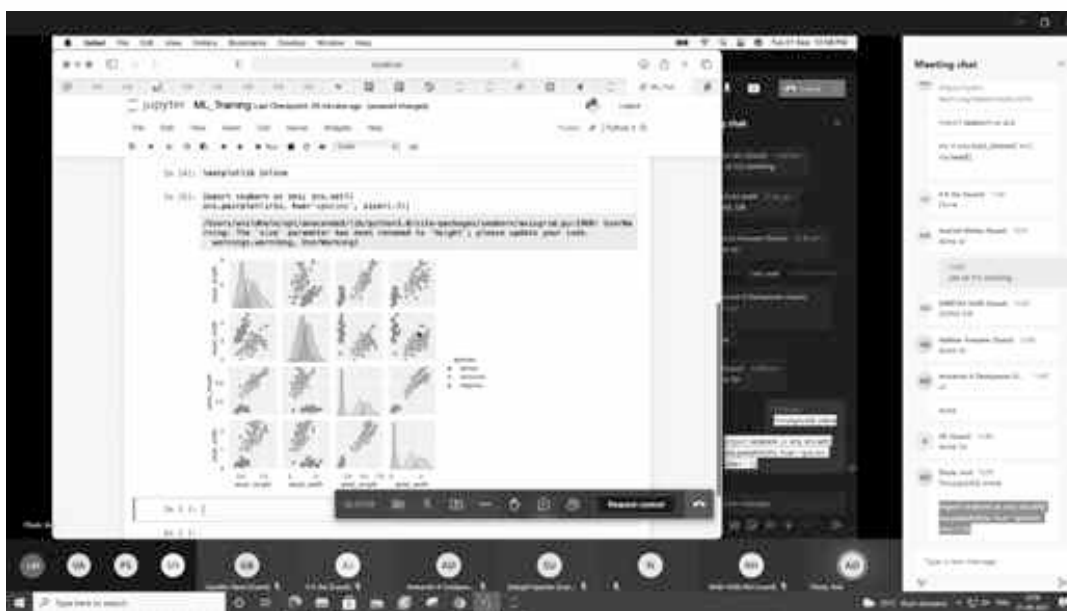
Training program on Machine Learning

3. Students' Corner

3.1 Toppers List (Combined list of two shifts) if applicable

Sr. No.	Second Year	Third Year	Fourth year
1.	Nidhi Misra (10)	Rishabh Parmanand Rathi(10)	Yavar Yakub Vazir(10)
2.	Sandesh Thakurdas Sachdev (9.98)	Atul Ratnakar Thakre(9.99)	Sharvari Shriram Tapase(9.9)
3.	Romil Prashant Mahajan(9.96)	Monica Mukeshkumar Dholwani (9.96)	Gaurav Sudhir Sharma (9.87)

3.2 Student Achievements

Sr. No.	Name of Student	Event	Achievement	Date
1.	Rishabh Rathi	Tech Challenge 2021 Capgemini	Winner (1st position)	7/19/2021
2.	Rishabh Rathi	Campus Code Give My Certificate	Winner (1st position)	9/1/2021
3.	Rishabh Rathi	Code Gladiators 2021 Techgig	3rd Position, 175k	7/25/2021
4.	Rishabh Rathi	Usher SDET Hiring Challenge Techgig	3rd Position	6/6/2021
5.	Nikhil Diwakar Likhar	Techgig Code Gladiators 2021 Techgig	Semifinalist	7/11/2021
6.	Atul Thakre	Hack The Mountains Hackathon Major League Hacking (MLH) - Sudans Technocrat Foundation	Ranked among top 55 teams in Hackathon	6/27/2021
7.	Rishabh Rathi	ICPC Preliminary Round Amritapuri	Rank: 446	8/7/2021
8.	Rishabh Rathi	Facebook Hacker Cup 2021 Facebook	Rank: 4,879th out of 34,585	8/30/2021
9.	Atul Thakre	Regional Tech Challenge by Capgemini Capgemini	Rank 9 in regional level 2 at all India level	7/19/2021
10.	Atul Thakre	ICPC Regional Round Kanpur Mathura Site IIT Kanpur	Rank 49 At All India Level in ICPC Regionals Kanpur Mathura Site	8/19/2021
11.	Rishabh Rathi	ICPC Regionals Amritapuri	Rank 456	8/14/2021
12.	Nikhil Diwakar Likhar	ICPC Asia Gwalior Pune Regional Contest ICPC global, IIITM Gwalior [ICPC Gwalior Pune]	Rank : 452 Score : 2 (Solved 2 questions)	8/18/2021
13.	Atul Thakre	Jumpstart Publicis Sapient	Qualified for 2nd round out of total 3 rounds	7/23/2021
14.	Atharva Sawarkar	App Ninja Competition Golden Bird Education	Top 10%	9/1/2021
15.	Nikhil Diwakar Likhar	Google KickStart 2021 Round F Google	Global Rank : 2992	9/18/2021
16.	Atul Thakre	ICPC Amritapuri Site Amritapuri Vishwa Vidyapeetham	All India Rank 456 in Regional round, All India Rank 446 in Preliminary Round (2nd in college)	8/14/2021

PAPER PUBLICATION

SN	Student Name	Journal Details	Date
1.	Mihir Goyenka	Title: Testing Performance (Time Analysis) of Nearest Neighbour (NN) Search Algorithms on K-d Trees Journal: IJATCSE, ISSN 2278-3091 Page No.: Article 4, pages 2954 – 2957	10/6/2021

3. 3 Students in Higher Studies

S. N.	Year of Passing	Name of Student	Course Pursuing	Institution / University of Higher studies
1.	2021	Kheevar Chaudhari	MS	Stevens Institute of Technology
2.	2021	Aman Pawar	MS	Stevens Institute of Technology
3.	2021	Manasi Namjoshi	MS	University of Southern California
4.	2021	Radha Agrawal	M. Tech.	Dhirubhai Ambani Institute of Information and Communication Technology
5.	2021	Sarthak Pande	PGDM	S. P. Mandali's Prin. L. N. Welingkar Institute of Management Development & Research, Mumbai
6.	2019	Gauri Chandak	M.A.	Tata Institute of Social Sciences, Mumbai

Department of Electrical Engineering

1. Faculty Corner

1.1 Guest Lectures taken by faculty

Sr. No.	Name of Faculty	Topic of Guest Lecture	Date of Guest Lecture	Organizers of Guest Lecture
1.	Dr G. N. Goyal	"AI & IOT in Electric Vehicles- An Overview"	10th September 2021	One Week Faculty Development Program (FDP) on "AI & IOT Applications in Energy Sector" organized by the Electrical & Electronics Department, LNCT GROUP, Bhopal under AICTE Teaching And Learning (ATAL) Academy

1.2 STTP/FDP/other Training Attended by Faculty

SN	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1.	Dr. P. V. Kapoor	**Universal Human** Values	28 June-2 July, 2021.	All India Council for Technical education (AICTE)
2.	Dr. S. C. Rangari	**Universal Human** Values	28 June-2 July, 2021.	All India Council for Technical education (AICTE)

1. Departmental Activities

2.1 Parents Meet, Alumni Meet and Departmental Installations or Events

1. Parents Meet

Online Parent-teacher meet was organized on **25/09/2021 (Saturday) at 12.00 noon** on Google Meet**.** Total twenty-two parents attended the meet. Student's class Test-1and Teachers' Assessment marks and attendance were shown to the parents. The queries of the parents regarding six monthly internship and placement were answered by concerned professor-in charges. Online feedback was taken from parents and analysis was done. It was an overall successful meet which was aimed at the improvement of the overall performance of the students. Glimpses of the parent teacher meeting are shown in following pictures.
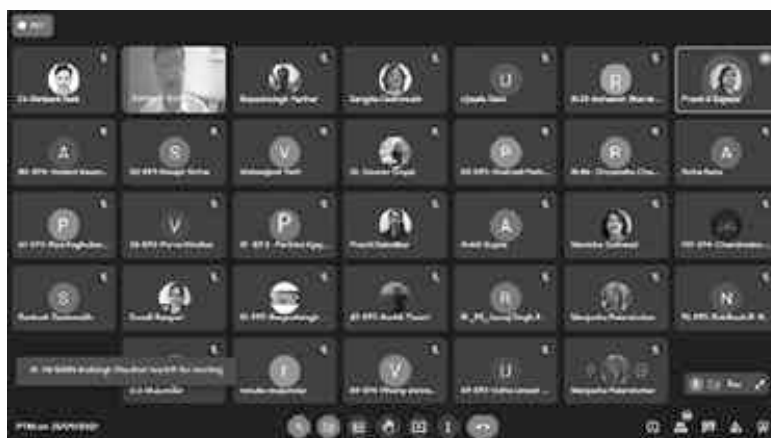
2. Alumni Meet

An online session on "Carrier Guidance on Higher Studies: An Alumni Interaction" was organized by the Alumni Coordinator Dr. Prachi Salodkar, and EESA Coordinator Dr. Gaurav Goyal on 10th, July 2021. Alumni of this department, Mr. Anurag Khergade, Mr. Akash Raj, Mr. Kuldeep Bhalodiya, Ms. Vinisha Choudhary and Mr. Nikhil Yaduwanshi guided the students. The main objective of the session was to enlighten and encourage the students for their higher studies with the experiences of our alumni. Total 120 students from third and final year attended the session. The session was anchored by Om Shrivastava and Shraddha Jain from 4th year Electrical.

The first speaker Mr. Anurag Khergade completed his M.Tech degree in Power Electronics and Power System from RCOEM,Nagpur in 2016. He has submitted his research thesis towards Ph.D. degree for examination at Visvesvaraya National Institute of Technology, Nagpur. Currently, he is working as Assistant Engineer in the Maharashtra State Electricity Distribution Co. Ltd., Maharashtra. His research interests includes multilevel converters, applications of power electronics in power quality, power electronics and drives. He has also guided the students towards pursuing research in the area of their interest.

The second speaker Mr. Akash Raj completed his under-graduation from this department in the year 2017. He secured AIR 103 in GATE 2019, got selected in ONGC, PGCIL, POSOCO and Power Transmission of Uttar Pradesh. Currently he is working as Assistant Engineer/Sub divisional officer in Power Transmission Utility, Bijnor Subdivision, UP. He shared his experiences during the preparations for competitive exams and guided the students on preparations for GATE.

The third speaker Mr. Kuldeep Bhalodiya did his BE(EE) from this college in 2017. He was selected in Shapoorji Pallonji and Company Limited. Worked on various projects like, Vallabh Bhavan Project (Bhopal), Givaudan Project (Pune), and Stable Bleaching Plant Project (CH3) (GACL). Currently, he is working as Assistant Engineer in Gujarat Alkalies and Chemical Limited. His session was very interactive with many queries from the students which were answered.

The next speaker Ms Vinisha Choudhary is a UG alumnus of this department in 2020. Currently she is pursuing MBA at IIM Udaipur. She got calls from 15 IIM and converted 12 of them including IIM Indore. She wonderfully shared with students how she prepared for CAT. She quoted a line "Failure is the first step towards success and the only thing required is to get out from your comfort zone". She beautifully explained its meaning and suggested what routine should be followed by the students.

The fifth speaker was Mr. Nikhil Yaduwanshi. He is the UG alumnus of 2016 batch. He was placed on-campus in Shapoorji Pallonji and worked there for 2 years as an MEP engineer. His interest towards designing energy efficient buildings brought him to pursue a Masters' specialization in Building Energy Performance where he has been a part of many breakthrough researches and also presented his work on Urban Building Energy Modeling at two international Conferences in Scotland and Italy. He currently works as a Building Physics Engineer at Ramboll and consults on green building practices for the UK market. His interest in research has led to a PhD offer for him from University of Texas at Arlington and will be soon joining there. His major research interests are: Operational Energy Efficiency, Personal Comfort Systems, HVAC system control modelling and fault detection. He is an active member for professional bodies such as IBPSA USA and ASHRAE. He enlightened students with the knowledge of green building effectively.

The session was very interactive and ended with vote of thanks proposed by Dr. Prachi Salodkar. Glimpse of this alumni meet is shown below.
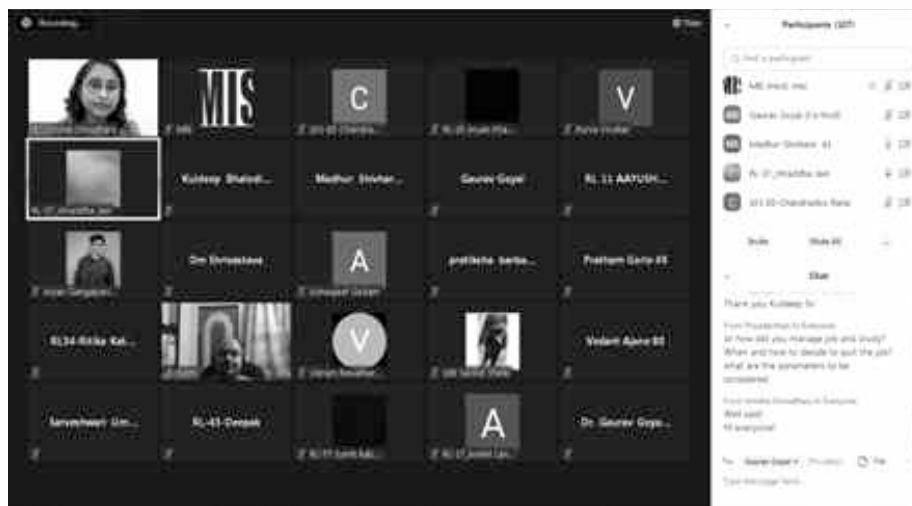
Online Electrical Department Alumni Meet

2.2 Conference, STTP and Guest Lectures organized in Department

Sr. No.	Conference/STTP/ Guest Lecture organized	Speaker (with Affiliation)	Duration	Date
1.	Guest Lecture (online) on "Real and Reactive Power Control in Power System"	Mr. Karthik P. U., Manager (Electrical) GAIL (India) Ltd.	Two Hour	25-09-2021
2.	Career Defining Session On "Road To Government Jobs for Engineering Students"	Mr. Pankaj Garg, Engineers Academy, Nagpur	Two Hour	03.09.2021
3.	The online guest lecture on "High Voltage Testing of Electrical Apparatus"	Mr. Santosh Kaware, Additional Executive Engineer (Operations) (MSLDC), MSETCL, Airoli, Navi Mumbai.	Two Hour	18-09-2021

1. Report on Guest Lecture

Department of Electrical Engineering has organized a Co-Teaching Lecture (online) on "Real and Reactive Power Control in Power System" on Saturday, 25th Sept. 2021 by an industry expert. The speaker was Mr. Karthik P.U., Manager (Electrical) GAIL (India) Ltd. With an experience of more than 9 years in commissioning and maintenance of Generators and Power Transformers, he also deals in SCADA, Relay Co-ordination and system troubleshooting.

The lecture was arranged for V-semester students, covering one of the topics of the course: Power System-I. 63 students got benefitted. It was organized and co-ordinated by Dr. P.V. Kapoor. Glimpse of this lecture is shown below.

Reflection

2. Career Defining Session on "Road to Government Jobs for Engineering Students"

The Electrical Engineering department organized a Career Defining Session on "Road to Government Jobs for Engineering Students" by Mr. Pankaj Garg, Engineers Academy Nagpur on 03rd September 2021 under the aegis of Electrical Engineering Students Association (EESA). The event witnessed the participation from students of BE Fourth year, BE Third Year and M.Tech First Year the department. In this lecture, audience got an insight on different Government jobs available in Electrical Engineering with complete details like procedure of selection, pay scale etc. About 78 students attended the lecture. The faculty coordinator for the event was Dr. Gaurav Goyal. Glimpse of this event is shown below.

3. Online guest lecture on "High Voltage Testing of Electrical Apparatus"

An online Co-teaching lecture on "High Voltage Testing of Electrical Apparatus" was organized on 18thSeptember 2021. This lecture was organized as a part of syllabus of the course: High Voltage Engineering (EET 451). It was conducted by the industry expert Mr. Santosh Kaware, Additional Executive Engineer (Operations) at Maharashtra State Load Dispatch Centre, MSETCL, Airoli, NaviMumbai. The final year students were attended the lecture. Glimpse of this lecture is shown below.
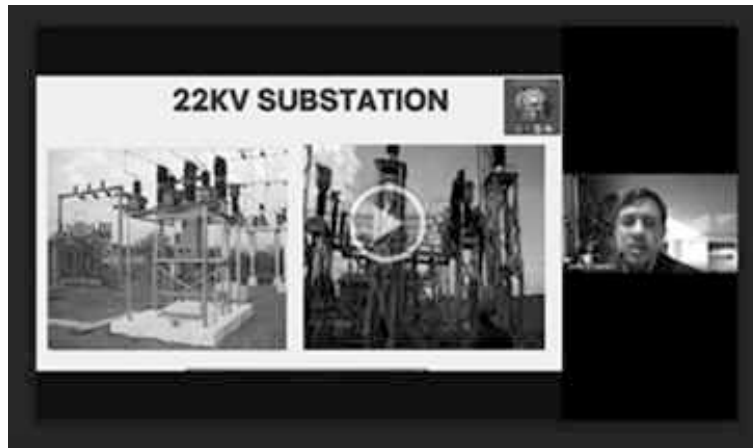
Mr. Santosh Kaware Delivering guest lecture on High Voltage Testing

3. Students' Corner:

3.1 Toppers List(Combined list of two shifts) if applicable

Sr. No	Second Year	Third Year	Fourth year
1.	Omhari Bipin Shrivastava (CGPA 9.91)	Shouvik Sambit Dey (CGPA 10)	Kalyani Vasantrao Lande (10)
2.	Saurabh Madhavrao Sawarkar (CGPA 9.54)	Siddhi Anilsingh Chauhan (9.87)	Gayatri Ravindra Tagalpallewar (9.66)
3.	Siddhesh Ravindra Nandanwar (CGPA 9.49)	Jigisha Pramod Lonhare (9.55)	Neha Nirose Nayak (9.42)

3.2 Student Achievements

Sr. No	Name of Student	Event	Achievement	Placement Date
1.	Aanchal Rupesh Gupta	Placement	Got 4 Lakh package in DXC	July to September 2021
2.	Aayush Chakole	Placement	Got 6.75 Lakh package in Cognizant Genc Next	July to September 2021
3.	Abhinav Gautam	Placement	Got 4.5 Lakh package in IBM	July to September 2021
4.	Abhishek Raj Singh	Placement	Got 4 Lakh package in DXC	July to September 2021
5.	Aishwarya Koletiwar	Placement	Got 4 Lakh package in Cognizant Genc	July to September 2021
6.	Akash Patalbansi	Placement	Got 4 Lakh package in Cognizant Genc	July to September 2021

Sr. No	Name of Student	Event	Achievement	Placement Date
7.	Amey Ambulkar	Placement	Got 4.5 Lakh package in Accenture	July to September 2021
8.	Aniket Lanjewar	Placement	Got 4.5 Lakh package in IBM	July to September 2021
9.	Ankit Kumar	Placement	Got 4.71 Lakh package in Persistent	July to September 2021
10.	Aryan Khadse	Placement	Got 4 Lakh package in Cognizant Genc	July to September 2021
11.	Ashwesh Alone	Placement	Got 3.5 Lakh package in Wipro	July to September 2021
12.	Ayush Patil	Placement	Got 4 Lakh package in Cognizant Genc	July to September 2021
13.	Ayushi Namdev	Placement	Got 4.5 Lakh package in IBM	July to September 2021
14.	Deepak Dharkar	Placement	Got 4 Lakh package in DXC	July to September 2021
15.	Devesh Singh	Placement	Got 4.5 Lakh package in Accenture	July to September 2021
16.	Dhananja Milmile	Placement	Got 6.8 Lakh package in Eaton	July to September 2021
17.	Dhiraj Silutkar	Placement	Got 3.5 Lakh package in Wipro	July to September 2021
18.	Divyanshu Chadda	Placement	Got 4 Lakh package in Cognizant Genc Elevate	July to September 2021
19.	Harsh Banayat	Placement	Got 4 Lakh package in Cognizant Genc	July to September 2021
20.	Himanshu Gabhane	Placement	Got 4.5 Lakh package in Accenture	July to September 2021
21.	Indraneel Singh	Placement	Got 4.71 Lakh package in Persistent	July to September 2021
22.	Ishan Gurao	Placement	Got 3.5 Lakh package in Wipro	July to September 2021
23.	Jasraj Singh Khalsa	Placement	Got 4.71 Lakh package in Persistent	July to September 2021
24.	Jigisha Lonhare	Placement	Got 3.5 Lakh package in Wipro	July to September 2021
25.	Jigyasa Rathod	Placement	Got 4 Lakh package in DXC	July to September 2021

Sr. No	Name of Student	Event	Achievement	Placement Date
26.	Kanchan Nerkar	Placement	Got 4 Lakh package in Cognizant Genc	July to September 2021
27.	Kirtiraj Kothale	Placement	Got 4 Lakh package in Cognizant Genc	July to September 2021
28.	Krutika Gonnade	Placement	Got 4 Lakh package in DXC	July to September 2021
29.	Minal Murarkar	Placement	Got 4 Lakh package in DXC	July to September 2021
30.	Mohommad Uzef Sheikh	Placement	Got 4 Lakh package in Cognizant Genc	July to September 2021
31.	Naveen Kumar	Placement	Got 4.5 Lakh package in IBM	July to September 2021
32.	Nikhil Vishwakarma	Placement	Got 4 Lakh package in DXC	July to September 2021
33.	Om Shrivastava	Placement	Got 4 Lakh package in DXC	July to September 2021
34	Piyush Ambekar	Placement	Got 4 Lakh package in Cognizant Genc	July to September 2021
35.	Rani Mulchand Shahu	Placement	Got 4 Lakh package in DXC	July to September 2021
36.	Rishav Dutta	Placement	Got 4 Lakh package in Cognizant Genc Elevate	July to September 2021
37.	Ritika Katakwar	Placement	Got 4 Lakh package in Cognizant Genc	July to September 2021
38.	Rohini Deshmukh	Placement	Got 3.5 Lakh package in Wipro	July to September 2021
39.	Sahil Singh	Placement	Got 3.5 Lakh package in Wipro	July to September 2021
40.	Saksham Dahake	Placement	Got 4.71 Lakh package in Persistent	July to September 2021
41.	Shantanu Chindhalore	Placement	Got 4.5 Lakh package in Accenture	July to September 2021
42.	Shivam Thakur	Placement	Got 3.5 Lakh package in Wipro	July to September 2021
43.	Shivani Gupta	Placement	Got 4.5 Lakh package in Accenture	July to September 2021

Sr. No	Name of Student	Event	Achievement	Placement Date
44.	Shraddha Meshram	Placement	Got 4 Lakh package in Cognizant Genc	July to September 2021
45.	Shruti Daramwar	Placement	Got 4 Lakh package in DXC	July to September 2021
46.	Siddhi Chauhan	Placement	Got 4.5 Lakh package in Accenture	July to September 2021
47.	Sumedh Aparajit	Placement	Got 4 Lakh package in Cognizant Genc	July to September 2021
48.	Swapnil Pounikar	Placement	Got 4.71 Lakh package in Persistent	July to September 2021
49.	Ujwal Jibhkate	Placement	Got 4.5 Lakh package in IBM	July to September 2021
50.	Vedant Tule	Placement	Got 4 Lakh package in DXC	July to September 2021
51.	Yash Jagdish Khanke	Placement	Got 3.5 Lakh package in Wipro	July to September 2021

The department congratulates the above students for their achievement and wishes others best luck.

3.3 Students in Higher Studies

Following student of 2021 batch got admission for Higher Studies.

Sr. No.	Name	Higher Studies Institute
1.	Kalyani Vasantrao Lande	M.Tech, IIT Chennai
2.	Mannmohak Omprakash Shivhare	MS, University of South Florida
3.	Sohail Ahmed Siddiqui	BITS Pilani, Hyderabad

3.4 For Faculty:

1. Dr Gaurav Goyal was selected as Judge for the final round of Toycathon 2021 organized by Govt of India in July 2021.

Department of Electronics Engineering

1.1 Guest Lectures taken by faculty

Sr. No.	Name of Faculty	Topic of Guest Lecture	Date of Guest Lecture	Organizers of Guest Lecture
1.	Dr. Jayu Kalambe	Collaborative Research Projects in Biomedical Engineering	28/09/2021	N.K.P. Salve Institute of medical sciences and Research Centre and Lata Mangeshkar Hospital
2.	Dr. Richa Khandelwal	Collaborative Research Projects in Biomedical Engineering	28/09/2021	N.K.P. Salve Institute of medical sciences and Research Centre and Lata Mangeshkar Hospital
3.	Dr. A.A. Khurshid	Machine learning: An exciting era for technology" during Nation level workshop on Applied Mathematical Modelling	29/09/2021	JDCOEM, Nagpur in association with Department of Mathematics, Rashtrasant Tukadoji Maharaj Nagpur University

1.2 Publications

Sr. No.	Name of the Authors	Title of the Paper	Name of the Journal/Conference /Book	Date of Conference / Publication	ISSN/ ISBN	DOI, vol., Iss., pp	SCI/ Scopus /ICI /Other (index)
1.	Sangeeta Palekar, Dr.Jayu Kalambe	Development of an Optical Detection based Universal Biochemical Blood Analysis Platform	IEEE Sensors Journal	27th Aug 2021	Print ISSN: 1530-437X Online ISSN: 1558-1748	Pn1-8 DOI 10.1109/JSEN. 2021.3108 560	Impact factor: 3.076 SCI Indexed
2.	Dr. Gouri Morankar	Low Power True Random Number Generator Through Ring Oscillator for IoT and Smart Card Applications	Iranian Journal of Electrical and Electronic Engineering	Sept 2021		Vol. 17, No. 3, 2021 DOI:10. 22068 /IJEEE.17. 3.1914	Scopus Indexed

Sr. No.	Name of the Authors	Title of the Paper	Name of the Journal/Conference /Book	Date of Conference / Publication	ISSN/ ISBN	DOI, vol., Iss., pp	SCI/ Scopus /ICI /Other (index)
3.	Dr.Kanchan Dhote, Vaidehi Joshi Vaishnavi Mundhada Shivani Singh RuchitaNarange	A Multicell Multiuser MIMO Uplink for a Finite-Dimensional Channel in OFDM system	International Conference on Industrial Instrumentation & Control (ici2c-2021) Knowledge Partner - Institution of Engineers (India	20th to 22nd August, 2021	ISSN: 1876-1100		Scopus Indexed

Patent Published

Sr. No.	Name of Author(s)	Title of the Patent	Date of Publication
1.	Sharmik Admane	A system for monitoring the performance of a vehicle and a driver. Application No: 202121027400	03/09/2021
2.	Rushikesh Deshmukh	A system for detecting collision in a mobile robot Application No: 202121029230	28/08/2021

1.2 STTP/FDP/other Training Attended by Faculty

SN	Name of Faculty	STTP/FDP/Training Attended	Duration /Date	Organizers of the event
1.	Prof. Prachi Rane	5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education"	28th June to 2nd July 2021	All India Council for Technical Education(AICTE)
2.	Prof. Archana Tiwari			
3.	Prof. Snehal Laddha			
4.	Prof. Snehal Laddha	Online course on "Design Thinking for beginners"	29th July 2021	Skillup by simplilearn
5.	Prof. Vikas Gupta	5th Summer school on " Artificial Intelligence"	2nd to 31st Aug. 2021	International Institute of Information Technology and Organized at IIIT Hyderabad
6.	Prof. Vikas Gupta	6 days STTP on " New Avenues of emotion recognition"	23rd to 28th August 2021	Maulana Abdul Kalam Azad University of Technology, West Bengal

SN	Name of Faculty	STTP/FDP/Training Attended	Duration /Date	Organizers of the event
7.	Dr. Bhalchandra Hardas Dr. Suresh Balpande	2- Days International Workshop on "Vedic Mathematics"	$28^{th} – 29^{th}$ Aug 2021	Jagatguru Shri Devnath Institute of Vedic Science and Research, Nagpur & Jagadguru Swamy Shri Shankaracharyaji SwagatSamaroh Samiti, Gondia
8.	Dr. Suresh Balpande	2- Days International Workshop on "Vedic Mathematics"	$28^{th} – 29^{th}$ Aug 2021	Jagatguru Shri Devnath Institute of Vedic Science and Research, Nagpur & Jagadguru Swamy Shri Shankaracharyaji Swagat Samaroh Samiti, Gondia
9.	Dr. Gouri Morankar	ATAL FDP on "Signal Processing and Machine Learning Techniques: Emerging Trends"	06th -10th Sep.2021	Sant Longowal Institute of Engineering And Technology.
9.	Dr. Gouri Morankar	ATAL FDP on "Signal Processing and Machine Learning Techniques: Emerging Trends"	06th -10th Sep.2021	Sant Longowal Institute of Engineering And Technology.
10.	Prof. Prachi Rane	ATAL FDP on "Faculty Development Programme on Artificial Intelligence"	20th-24th Sep 2021	School of Computer Sciences
11.	Dr. Suresh Balpande	ATAL FDP on "Faculty Development Programme on Artificial Intelligence"	20th-24th Sep 2021	School of Computer Sciences

2. Departmental Activities

2.1 Parents Meet, Alumni Meet and Departmental Installations or Events

Parent-Teacher Meet Session 2021-2022 (Odd Semester)

Parent-Teacher meeting of the department was held on Saturday, 18th September 2021, though Google meet at 11.00 AM. The Meeting was chaired by Dr.(Mrs.) A. A. Khurshid, Head of department. Dr. (Mrs.) R.S.Ochwar, Coordinator- Second Shift and Faculty members of the department were present.

Dr. (Mrs.) A. A. Khurshid apprised the parents about various efforts and initiatives taken by the department for the academic progress of the students during this global pandemic and the use of different pedagogical approaches for effective teaching-learning. She appreciated the efforts and support of the parents in these testing times.

Prof (Mrs) Smita Daware- Academic coordinator briefed the academic policy and shared the Programme Outcomes with the parents. The performance of the student in the assessments conducted was shared with the

parents by respective class teachers. The effort required to improve the academic performance of their ward was discussed by the respective subject teachers. Students were advised to regularly interact with the concerned course teachers for getting academic inputs so as to facilitate them for better performance in the examination.

Prof Sandeep Pandey-T&P Coordinator informed the forum about the efforts taken by the department to prepare the students for placement drives. He also discussed the Training Calendar, Placement Statistics and Research Internship opportunities' and career opportunities ahead.

The Parents expressed their satisfaction over the efforts taken by institute and the department in this pandemic period. Dr B.M.Hardas, Coordinator, Parent-Teacher Meet conducted the proceedings of the meeting and proposed a vote of thanks.

2.2 Conference, STTP and Guest Lectures organized in Department

SN	Conference/STTP/ Guest Lecture organized	Speaker (with Affiliation)	Duration	Date	Organized by
1.	Webinar on "Opportunities and Scope in Electronics Industry"	Mr. Ahtesham Siddiqui Embedded Engineer, Analog Devices	1 Day	4/9/2021	Prof. Vishal Rathee
2.	Webinar on "Human machine interface (HMI) basics and HMI development (Siemens PLC) "	Er.Ramadassan V Nair Asst. Manger.Retr (Automation and Electrical Maint) M/s JSW Steel Coated Products Limited, Kalmeshwar	1 Day	16/9/2021	Dr. Suresh Balpande
3.	Webinar on "PLC analog operations and demonstration of SCADA development (AB PLC)"	Er.DineshNimbalkar, Maximum Solutions, IT Park ,Gayatri Nagar, Nagpur and visiting faculty ,Govt Polytechnic, Nagpur	1 Day	17/9/2021	Dr. Suresh Balpande

Students' Corner

ENGINEER'S DAY CELEBRATION

Electrolitz, the students' society Department organized an offline-online event to celebrate Engineers' day on 15th September 2021. The event started with Saraswati Vandana followed by a short glimpse of Sir M Visvesvaraya's life and his achievements.

Mr. Rishabh Thadani and Ms. Shruti Upadhyay, the anchors for the event highlighted the role of engineers in the development of society. The achievements of research Scholar and alumnus were mentioned to motivate the students.

Reflection

On this occasion alumni Mr. Likhit Agrawal and Ms. Alisha Nathani, of 2017 batch were felicitated by Dr. (Mrs.) A, A. Khurshid Head Department. The alumni developed an Vaccine Tracker App for searching the COVID'19 vaccine centers with availability of vaccine slots and also promoting and nurturing reading habits amongst people during pandemic time by starting a novel concept called "Library on Wheels".

The alumni interacted with the students and acknowledged the support they received from the department and faculty members in their initiation as well as motivated them to aim big and then strive hard for it in life.

An online quiz "Engineer's Trivia" was also organized using online platform "kahoot" wherein questions were asked to the participants pertaining to contributions made by engineers in society. Around120 students from e-branches from the institute registered and participated in the quiz competition.

Engineers Day Celebrations

Career Counseling Cell

Following activities were conducted under the Career Counseling cell in the department :

1) Webinar on "Career Day | Higher studies & Job opportunities in United States of America" on 4th of July 2021 at 9:30 AM to 10:30 AM (IST). Mr. Abhijeet Gupta, Master's In Computer Science. Research Assistant and Teaching Assistant of Advanced Intelligent Systems and Deep Learning at University Of Dayton, Ohio were invited as the speaker for the webinar. He is an Alumnus of EN Dept, RCOEM, Batch 2019.

He presented and discussed relevant issued for Transition from Electronics to Computer Science stream, Education System and Life in the USA, Visa Processing, Education loan, Application and Admission, Standardized Test Preparation and Country, Course & University Selection. Around 80 students attended this webinar. [Webinar recording link: https://youtu.be/u_GNFbtaLSo]

2) Webinar on "Digital Transformation through Cloud" on 13th of July 2021 at 6:00 PM to 7:00 PM (IST). Ms. Nidhi Sinha, Data and AI Business Head- South EC Microsoft was invited as the speaker for the webinar She is

an Alumnus of EC 2009, RCOEM.

She presented and discussed Fundamentals of Cloud, Need of migration to Cloud, Pandemic Hit Digital Transformation, Overview of Data and Analytics platform and services. Around 35 participants (students, academician & industry persons) attended this webinar. [Webinar recording link: https://youtu.be/9_AdZBbHCcM]

3) Webinar on "Writing a research article: advice to beginners" on 24th of July 2021 at 2:00 PM to 3:00 PM (IST). Dr. Suresh Balpande Assistant Professor-Electronics was invited as the speaker for the webinar. He presented and discussed Primacy of the research question, Structure of the research paper, Reference managements and tool useful for research paper writing. Around 30 participants attended this webinar.[Webinar recording link: https://youtu.be/kCmuP8yBBj4]

4) Webinar on "Time to meet your best version" on 14th of August 2021 at 4:00 PM to 5:00 PM (IST). Mr. Vinay Chawla, Motivator & Facilitator Founder, Enlighten the Soul (enlightenthesoul.org) was invited as the speaker for the webinar. He is an Alumnus of EC 2012, RCOEM. He presented and discussed on topics like Motivational booster, Breaking the comfort zone, Short term - long term goals, Peer comparison, Finding your best version. Around 35 participants (students, academician & industry persons) attended this webinar. [Webinar recording link: https://youtu.be/h1481IQqlcA]

5) Webinar on "Free Education and Job Opportunities in Germany" on 11th of September 2021 at 3:00 PM (IST). Ms. Vasudha Potdar, Design for Test Engineer for Infineon Technologies AG at Chipglobe GmbH was invited as the speaker for the webinar. She is an Alumnus of EC, 2018, RCOEM). [Webinar recording link: https://youtu.be/5Y3ka5bIrTY]

Placement

The department is striving hard to provide the placement opportunity to the students in organizations of repute having diverse area of work like Business Intelligent IT enabled Service, Internet of Things, Computer Networking, Data Management, Data Science, etc. 160 students from the department are placed in these domains.

Internship Activity

Sr. No	Name of the student	Title of internship	Internship at	Duration (in weeks)	Internship dates
1.	Himanshu Padole	IT-Infrastructure and mutlimodule	IT-NetworkZ Pvt ltd, Nagpur	8 weeks	1/06/2021 to 10/08/2021
2.	Jayesh Surjan	Web App Developer Intern on the project Photo Gallery	Inventrom private limited, Bangalore	6 weeks	20/05/2021 to 7/07/2021
3.	Harsh Murugkar	Data Science and Machine Learning	SEE-TECH Solutions Pvt. Ltd. ,Nagpur	8 weeks	15/06/2021 to 16/08/2021

Sr. No	Name of the student	Title of internship	Internship at	Duration (in weeks)	Internship dates
4.	Saurabh Joshi	Technical intern-smoke sensor project	SEE-TECH Solutions Pvt.Ltd. ,Nagpur	8 weeks	15/06/2021 to 16/08/2021
5.	Swarali Jarole	Data Science and Machine Learning	Obdurate Technologies, Amravati	6 weeks	14/06/2021 to 30/07/2021
6.	Vrushali Nagpure	Python programming project	Technophilia Solutions in partnership with AZeotropy IIT Bombay	6 weeks 3 days	10/06/2021 to 25/07/2021
7.	Nidhi Yadav	Web Developer	Chai Sutta Bar, virtual	6 weeks	23/07/2021 to 06/08/2021
8.	Sweekar Singh	Programming with C/ C++	Internshala	8 weeks	26/07/2021 to 11/09/2021
9.	Rani kumari	Programming with C/ C++	Internshala	8 weeks	1/6/2021 to 24/7/2021
10.	Nidhi Yadav	Web development	Sparks Foundation	4 weeks	1/06/2021 to 1/07/2021
11.	Harshal Patil	Ethical hacking	Internshala	8 weeks	15/07/2021 to 03/10/2021
12.	Aditya Dwivedi	Programming with Python	Internshala	6 weeks	26/06/2021 to 14/08/2021
13.	Ritika Mundada	Web development intern	Sparks Foundation	4 weeks	1/06/2021 to 1/07/2021
14.	Pankaj Kamal Baheti	Front End - Developer	Global Peace Foundation	8 weeks	01/06/2021 to 30/07/2021
15.	Utkarsh Lolusare	Internship program Machine Learning with Python	Verzeo	8 weeks	01/06/2021 to 31/07/2021
16.	Anushri Rathi	Data science and machine learning	Obdurate Technologies, Amravati	6 weeks	14/06/2021 to 30/07/2021
17.	Ruturaj Sant	Web Developer and React Developer	Internshala	12 weeks	01/06/2021 to 30/08/2021

Sr. No	Name of the student	Title of internship	Internship at	Duration (in weeks)	Internship dates
18.	Tanmay Jaiswal	Web Develope	Internshala	6 weeks	01/06/2021 to 17/7/2021
19.	Bhavik Gade	Machine learning with python	Verzeo	6 weeks	01/06/2021 to 17/7/2021
20.	Vinaya Dehankar	Prepared Climatologically Reports of Akola and Nagpur stations of Vidharbha.	Regional Meteorological Centre, DBAI Airport, Nagpur	7 weeks	21/06/2021 to 08/08/2021
21.	Mrunal Vijay Shinde	Network Communication and Security	IT-NetworkZ Infosystems Pvt.Ltd,Laxmi Nagar, Nagpur	7 weeks	19/07/2021 to 31/08/2021
22.	Divya Vyas	Core java	Internshala	6 weeks	15/06/2021 to 27/07/2021
23.	Sanket Dajjuka	Web developer	Internshala	6 weeks	01/06/2021 to 17/07/2021
24.	Dikshant Khobragade	Web developer	Internshala	6 weeks	01/06/2021 to 17/07/2021
25.	Trishul Anant Salve	Web developer	Internshala	8 weeks	01/06/2021 to 26/07/2021
26.	Jay Birthariya	Android App Developer	Geartocare, Nagpur	16 weeks	05/06/2021 to 30/09/2021
27.	Bhagyashree Chilate	Android App Developer	Geartocare, Nagpur	16 weeks	05/06/2021 to 30/09/2021
28	Akash Birthariya	Front End Web Developer	Geartocare, Nagpur	12 weeks	05/07/2021 to 30/09/2021
29.	Ayush Sanjay Arbat	Web Developer	Internshala	8 weeks	01/06/2021 to 14/08/2021
30.	Avantika Vijay Rewtani	Web Developer	Internshala	6 weeks	01/06/2021 to 13/07/2021
31.	Rushabh Kumar Sanjay Kumarabbad Jain	Web Developer	Internshala	8 weeks	01/06/2021 to 08/08/2021

Sr. No	Name of the student	Title of internship	Internship at	Duration (in weeks)	Internship dates
32.	Sakshi Pravin Bang	Web Development	Internshala	6 weeks	30/05/2021 to 11/07/2021
33.	Pratik Ramesh Pawar	Machine learning with python	Verzeo, Bangalore	8 weeks	01/06/2021 to 31/07/2021
34.	Amey Magarde	Web Development	Internshala	6 weeks	30/05/2021 to 18/07/2021

2.3 Student Achievements

RCOEM, Nagpur among top 30 Finalists of the Swadeshi Microprocessor Challenge

Sangeeta Palekar

The **Spectro Processor team** of Centre for Microsystems, **Shri Ramdeobaba College of Engineering, Nagpur** has been shortlisted amongst the **top 30 finalists'** of **Swadeshi Microprocessor Challenge** an initiative by **MeitY, Ministry of Electronics and Information Technology** under **#AatmaNibharBharat Abhiyan**.

The team consists of Ms. Sangeeta Palekar Sammanwar, Research Scholar, Electronics Engineering Department, faculty mentors Dr. (Mrs.) Jayu Kalambe (RCOEM, Nagpur) and Dr. Rajendra Patrikar (VNIT, Nagpur). The team is working on the project titled "Design and development of Spectro Processor for Biomedical Applications", The project focuses on the development of fully indigenous blood analysis platform around swadeshi processor core and overcome the hardware dependency of existing instruments by providing software-based solutions.

The Swadeshi Microprocessor Challenge provides impetus to the strong ecosystem of start-ups, innovators & researchers in the country. Under this challenge Swadeshi Microprocessors were made available under Microprocessor Development Programme initiated by MeitY by IIT Madras (Shakti processors) and C-DAC (Vega processors) on FPGA Boards of XILINX, to promote a culture of innovation and entrepreneurship by innovating frugal solutions around home-grown processor ecosystem catering to both global and domestic requirements.

Total 6169 teams (about 10,024 Participants) had registered for the challenge, out of which 1200 qualified for the quarter final,100 teams were selected for the semifinal and now 30 have reached final round. Rs. 1 Lakh was awarded to the team qualifying at semifinal stage and now will be awarded **with Rs. 4 Lakhs for prototype development**. Top 10 team will be awarded with 23 Lakhs for product development and12-month incubation support.The **Spectro Processor team** of Centre for Microsystems, **Shri Ramdeobaba**

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3. Any other activity(s):

Food donation was undertaken by Dr. Rohini Suhas Ochawar at "Matoshri" old age home, Adasa, Nagpur in association with JCI Nagvidarbha on 12th September, 2021.

Department of Electronics and Communication Engineering

Guest Lectures taken by faculty

Sr. No.	Name of Faculty	Topic of Guest Lecture	Date of Guest Lecture	Organizers of Guest Lecture
1	Dr. D. J. Dahigaonkar	Webinar on "Industry academia collaboration"	27 July 2021	Swargiya Dadasaheb Kalmegh Smruti Dental College & Hospital

STTP/FDP/other Training Attended by Faculty

| Sr. No.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1.	Dr. P. R. Selokar	Introduction to Industry 4.0 and Industrial Internet of Things	12 Week NPTEL-FDP Course (June – September, 2021) Successfully Completed the Course with **ELITE** Certification	NPTEL-AICTE
2.	Dr. P. R. Selokar	Intellectual Property	12 Week NPTEL-FDP Course (June – September, 2021) Successfully Completed the Course with **ELITE** Certification	NPTEL-AICTE
3.	Dr. R. B. Raut	Computer Networks and Internet Protocol	Jan- Apr 2021	NPTEL
4.	Dr. R. B. Raut	German-I	Jan- Apr 2021	NPTEL
5.	Dr. D. G. Khushalani, Prof. A. H. Harkare & Prof. V. S. Lande	"Inculcating Universal Human Values in Technical Education"	28 June, 2021 to 2 July, 2021	All India Council for Technical Education(AICTE)
6.	Prof. Puja S. Agrawal	Online International Confrence Code Fest 2021	5 hours, 14 August 2021	click2Cloud in collaboration with Centaurus Community
7.	Prof. Puja S. Agrawal	Electronic Circuits and PCB design National Level Workshop	12th July to 16th July 2021	Pantech eLearning, Chennai
8.	Prof. N. M. Borkar	FDP_Modern Antenna Technologies for Futuristic Wireless Communication Systems	20-24 August 2021"	Dept of ECE Guru Jambheshwar University of Science & Technology, Hisar, Haryana 125001
9.	Prof. N. M. Borkar	An insight to Biomedical Instrumentation, Biomedical Signal and Image Processing with hands on experience and LabVIEW Programming	2-6 August 2021	Poojya Doddappa Appa College of Engineering, Kalaburagi
10.	Prof. N. M. Borkar	Webinar on - Simulation in Pharmaceutical Manufacturing	8th Sept 2021	Ark Infosolutions Pvt Ltd

Sr. No.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
11.	Prof. N. M. Borkar	Webinar on - Emerging Technologies in Telecommunications"	18th Sept 2021	Dept ECE RCOEM, Nagpur
12.	Prof. Ankita Hitesh Harkare	NPTEL Course on Antennas with ELITE Certification	12 Weeks	NPTEL IIT Bombay
13.	Prof. Ankita Hitesh Harkare	ATAL FDP on "Drones: Control, Navigation and Guidance"	26/07/2021 to 30/07/2021	Institute of Infrastructure Technology Research and Management.
14.	Dr. Mridula Korde	Advanced Training School on PYTHON + R + MATLAB-Based Simulation and Design of 4G/ 5G MIMO-OFDM Wireless Systems	13th to 28th September 2021	IIT Kanpur
15.	Prof. Prasheel Thakre	Applied Linear Algebra for Signal Processing, Data Analytics and Machine Learning	Jan- Apr 2021 12 Week NPTEL-FDP Course, Successfully Completed the Course with ELITE Certification	NPTEL-AICTE

Departmental Activities

Parents Meet

Department of Electronics and Communication Engineering organized a Parent-Teacher Meeting for the session 2021-22 (ODD Semester) on 11th September 2021. Parent-Teacher Meeting coordinator welcomed the parents in the online Google meet 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, HOD EC 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 learning outcomes were also included in the discussions. Moreover a brief review of the various activities and schemes offering support to students for ensuring student progression in academics, placements formed a segment of this discussion. The schemes offering counseling to students were also discussed. Parents were also made aware about the academic and exam rules, guidelines and provisions of the college especially for the online mode of teaching by the HOD.

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 profoundly enquired and discussed about the activities of the department towards preparing students for higher education, placements, internship and overall development. The parents also asked to explore ways where in the assessment/tests submission can be exempted with time submission bounds so that network glitches can be overcomed.
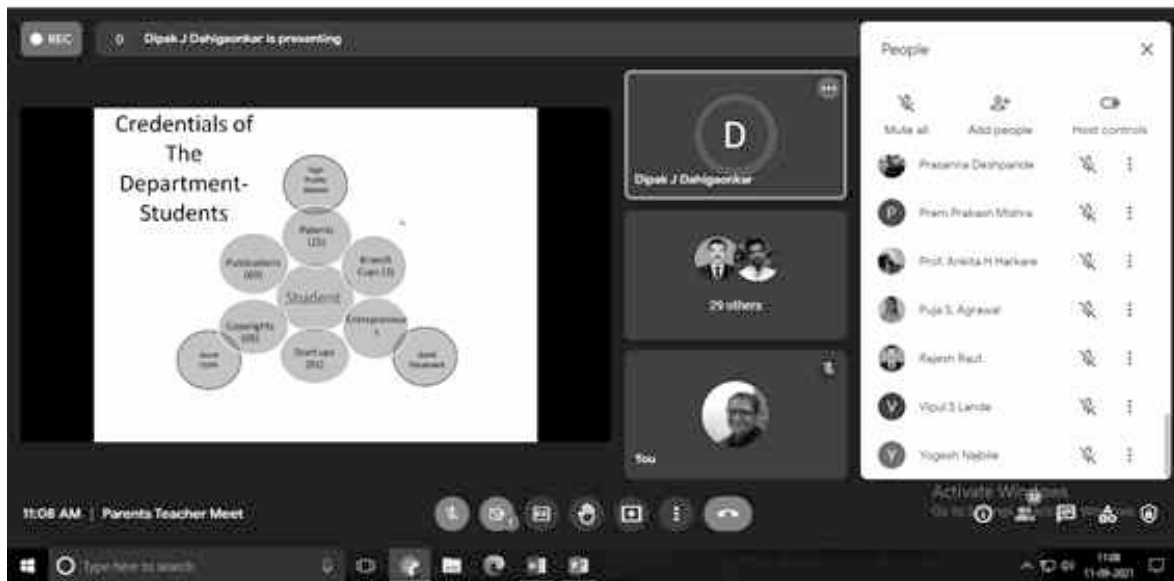
Online Parents Teacher Meet

Total Parents who attended the online meeting- 22 nos; Feed form submitted by the parents- 07nos

Guest Lectures organized in Department

Sr. No.	Conference/STTP/Guest Lecture organized	Speaker (with Affiliation)	Duration	Date
1.	Industry Co-teaching in the course Wireless Communication for Unit 5 on GSM (Organized by Prof. P. S. Agrawal, EC, RCOEM)	Mr. Samir Khare, SDE, BSNL Nagpur	6 hours	13th Sep 2021 to 5th Oct 2021

Online Guest Lectures

| 2. | Webinar on "Digitalization and Industry 4.0" (Organized by Dr. R. B. Raut, Dr. P. P. Deshpande. Prof. A. H. Harkare EC, RCOEM in association with IIIC, RCOEM Nagpur) | Mr. Mohammad Akmal Manager-Customer Service Siemens Ltd. Coimbtore | 2 Hrs | 1st Sep 2021 |

Webinar on "Digitalization and Industry 4.0"

3.	Guest lecture on "Entrepreneurship opportunities in Electronics & communication Engineering" (Organized by Prof. N. M. Borkar, EC, RCOEM)	Mr. Madan Palorkar, Proprietor of firm Techno Screen Art Nagpur	1 Hour	16th Sept 2021

4.	Guest lecture on the topic "Radiation & Antenna Basics" (Organized by Prof. N. M. Borkar, EC, RCOEM)	Mr Vivek Ashokan, HF, Application Engineer, ARK Infosolutions Pvt. Ltd.	1 Hour	29th Sept 2021

5.	Webinar on " Higher Studies and Job Opportunities in United States of America" (Organized by Prof. A. H. Harkare, EC, RCOEM)	Mr. Abhijeet Gupta, Research and Training Assistant, University of Dayton, Ohio, USA	1-2 Hour	4th July 2021

University Selection
University Selection should be done on the following basis

- Cost
- Course
- Location
- Visa Approval Rate
- University Ranking

6.	Webinar on " Digital Transformation through Cloud" (Organized by Prof. A. H. Harkare, EC, RCOEM)	Nidhi Sinha, Data and AI Business Head, South EC , Microsoft	1-2 Hour	13th July 2021

WHAT CAN YOU EXPECT TODAY

- Understanding What is the cloud???? – May Be
- Why use the cloud??? It's a good thing
- Digital Transformation and Pandemic Acceleration
- Amazing world of Data And Analytics
- Q&A

7.	Webinar on "Writing a Research Article: Introduction to Beginners" (Organized by Prof. A. H. Harkare, EC, RCOEM)	Dr. S.S. Balpande, Assistant Professor, RCOEM	1-2 Hour	24th July 2021
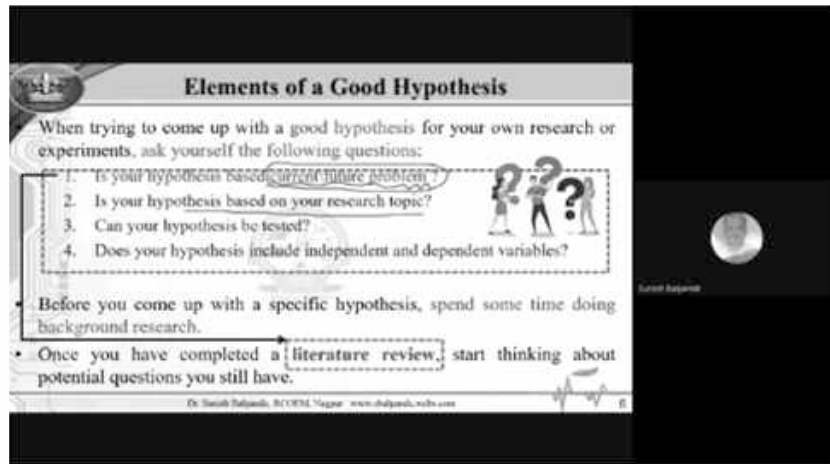
8.	Webinar on " Introduction to Embedded Linux Systems" (Organized by Prof. A. H. Harkare, EC, RCOEM)	Saket Penurkar, Embedded Systems Engineer, Analog Devices Inc.	1-2 Hour	12th August 2021

9.	Webinar on " Free Education and Job Opportunities in Germany" (Organized by Prof. A. H. Harkare, EC, RCOEM)	Ms. Vasudha Potdar Design for Test Engineer, Infineon Technologies AG, ChipGlobe, GMbH	1-2 Hour	11th September 2021

10.	Webinar on "Emerging Technologies in Telecommunication" (Organized by Dr. Mridula Korde, Prof. A. H. Harkare, EC, RCOEM)	Munendra Moon, Asst Vice President, Reliance Jio Infocomm Ltd.	1-2 Hour	18th September 2021
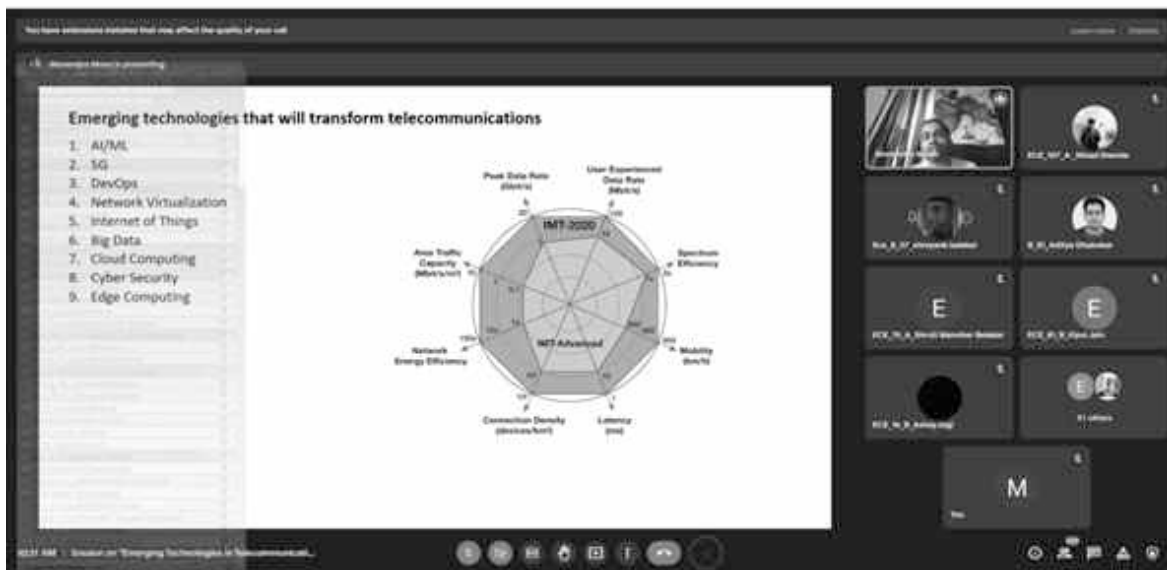
11.	Webinar on " Time to meet your best Version" (Organized by Dr. Mridula Korde, Prof. A. H. Harkare, EC, RCOEM)	Vinay Chawla, Founder, Enlighten the Soul	1-2 Hour	14th August 2021

- 106 students of V semester ECE Department attended the Online International Conference Code fest 2021 as part of Beyond Curriculum Recent Trends based Lifelong learning initiatives.

Student Achievements

- **Ms. Siddhi Dubey** of VII Sem EC was promoted to Cadet Under Officer at 2 Mah Air Sqn NCC, she has completed 5 Camps and 2 Sorties at Virus SW-80 Microlite Aircraft.

Ms. Siddhi Dubey of VII Sem EC was promoted to Cadet Under Officer at 2 Mah Air Sqn NCC,

The alumni of EC department, **Ms. Madhulika Dolke** and **Ms. Shrushti Mehatkar** are the members of 5 members team have brought laurels to the College as their start up TERN (Technology Engineering Research for Nature) has qualified in the semifinal round of Swadeshi Microprocessor Challege organized by Union government's ministry of electronics & information technology (MEITY). The five members of TERN team is now working on a minimum viable prototype (MVP) of smart camera trap, which will reduce burden on the forest staff and play an important role in securing data captured from the forest.

The alumni of EC department 5 members' team

Mr. Atharva Arya, a student of III year EC has been selected, amongst global competitors, to participate in the Google Summer of Code 2021 program.

Department of Electronics Design Technology

1. Faculty Corner

1.1 STTP/FDP/other Training Attended by Faculty

Sr. No.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1.	Prof. Anju Gupta	Online course on Introduction to Linux	3/7/2021	The Linux Foundation

Departmental Activities

Parents Meet, Alumni Meet and Departmental Installations or Events

Report of Parent Teacher Meet

Department of Electronics Design Technology was organized online parent teacher meet on 18th September, 2021. In the beginning Prof. Anju Gupta, faculty Incharge, welcomed all the parents and communicated the aim and objectives of the meeting along with PEO's and PO's. Dr. (Mrs.) A.A. Khurshid, Head of the Department, thanked and appreciated all the parents for their cooperation and support during this pandemic situation. In her address, she has explained various pedagogical approaches used by the faculty for effective teaching learning. She requested the parents to ensure that students attend the classes regularly. Prof. Jitendra Zalke presented five years placement records of EDT students. Some of the queries by the parents regarding placement and internship were also answered by Prof. Jitendra Zalke.

After the address by head of the department, parents have interacted with the class teachers telephonically. During this interaction attendance and test performance was shared with the parents. Parents were also requested to submit the feedback. All the faculty members were present on the occasion.

Report of student society Installation

The Annual installation function Ethereal of GENESIS- student society of EDT department was organized on 21st September, 2021. The installation was organized online on Google meet platform due to the pandemic situation. Dr. Amol Bhondekar, Scientist-F, Central Scientific Instruments Organization, Chandigarh was the chief guest on this occasion.

The program began with Saraswati Vandana. As the function was carried out online, Saraswati Vandana's audio was played in the background and the presentation made by the students was shown on the screen. Yogeshwari Patil, Syed Ali and Simran Vanjani welcomed our chief guest. The chief guest was introduced about the department and Genesis activities. All the faculty members were also introduced on the occasion. The Genesis body for the academic year 2021-22 was formally installed and the names of the committee members were also announced.

Mr. Sarthak Srivastava, President Genesis 2021-22 gave a brief review of the activities conducted in the previous year. He also highlighted the tentative plan of the events planned this year.

Dr. J.A.Shrawankar, Genesis faculty in-charge introduced the chief guest to the audience. The program then followed by key note speech by Mr. Dr. Amol Bhondekar. He shared the struggle he faced in the beginning of his career. In his message to the students, he advised all the students to give priority to good mental and physical health which intern gives good wealth and bright future.

Dr. (Mrs.) A.A Khurshid, HOD, EDT in her address redefined the meaning of PhD as Passion, Hunger for knowledge and Discipline in the life make once career as successful. She also encouraged the students to take part in various intra and Inter collegiate events and to use the platform of Genesis for overall personality development.

On this occasion our departments magazine Exorior-The rise of EDTians was launched by the hands of our honorable chief guest. The google drive link was shared to the chief guest and he shared his screen to launch the magazine. Then, Minal Rewatkar, Literary Head Genesis, introduced the magazine to the students and faculty members and told about the contents in magazine.

Samiha Keskar joint Secretary, Genesis proposed the vote of thanks. She thanked honourable chief guest and all the faculty members to make the event a success. It was all together a very good coordination seen among the students which were appreciated by everyone. Even during this tough pandemic situation, the event was organized online and all the students worked whole heartedly to make this event a grand success.
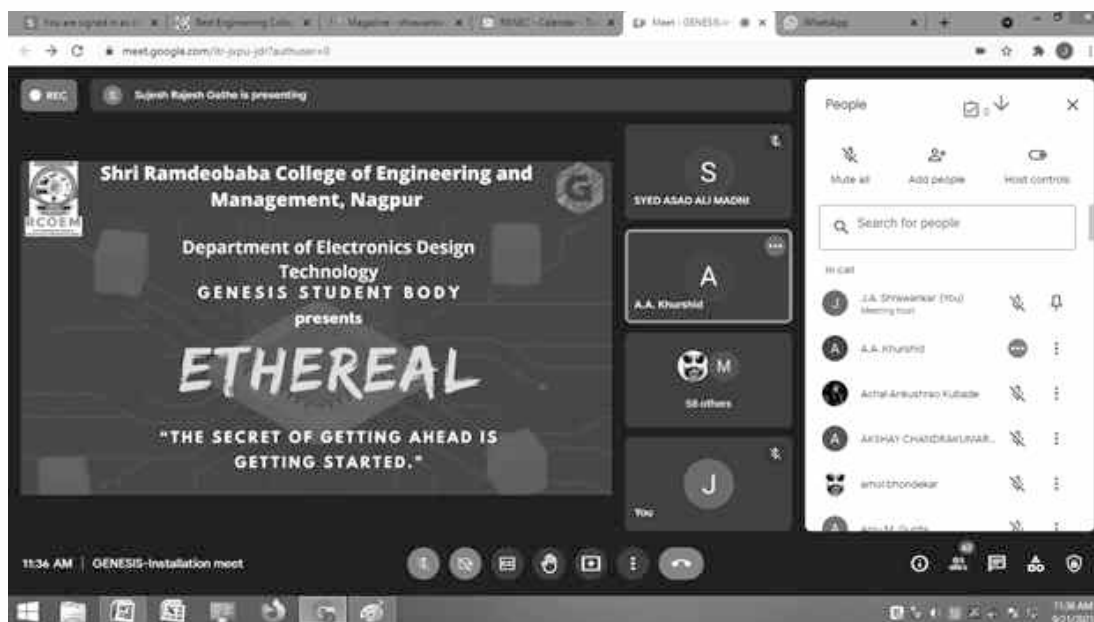
GENESIS-Student society installation on 21ˢᵗ September, 2021

Report of T & P awareness program

GENESIS STUDENT SOCIETY had organized interaction of 3ʳᵈ year EDT students with Final year placed students on 30ᵗʰ September 2021. The objective of this interaction was to get awareness about the selection process adopted by Various Companies, Aptitude round, Technical round, HR round and how to prepare for coding.

The interaction was focused on
- Selection procedures adopted by companies and their paper patterns
- paper pattern and the estimated cut-off
- interview experiences of both rejected as well as selected candidates
- common mistakes by candidates
- resources used for placement preparations

At last, question answer session was conducted where in 3ʳᵈ years students asked their doubts. Nachiket Mairal, Shivkumar Yadav and Krutika Paliwal delivered this session.

Conference, STTP and Guest Lectures organized in Department

Sr. No.	Conference/STTP/Guest Lecture organized	Speaker (with Affiliation)	Duration	Date
1.	Guest Lecture by Dr. Amol Bhondekar	Scientist-F, Central Scientific Instruments Organization, Chandigarh	45 minutes	21ˢᵗ September, 2021

Students' Corner

Student's Placement:

Sr. No.	Name of Student	Company 1	Company 2	Company 3
1.	Sanyam Chandak	Accenture	Wipro	
2.	Vedant Vyas	Accenture		
3.	Krutika Paliwal	Accenture	Persistent	IBM
4.	Shiv Kumar Yadav	Wipro		
5.	Priyanka Maske	Accenture	Wipro	
6.	Sahil Rathi	Cognizant		
7.	Himal Asawa	Wipro	SoftLink	
8.	Swejal Bagde	Dxc Technologies		
9.	Samiksha Paturde	Dxc Technologies		
10.	Shital Takbhawre	Dxc Technologies		
11.	Minal Rewatkar	Accenture	Wipro	
12.	Aditi Agrawal	Accenture		
13.	Rishi Khare	Accenture		
14.	Nachiket Mairal	LTI		
15.	Ashish Tripathi	Cerium Systems		
16.	B. Aishwarya	Persistent		
17.	Pranav Agrawal	Wipro	Cerium Systems	
18.	Devyani Bhakte	Wipro		
19.	Ayushi Pedulwar	TietoEVRY		
20.	Pratik Bhatia	Persistent		
21.	Jagmeet Singh	Persistent		
22.	Riya Paradkar	Cognizant		
23.	Riya Lalwani	Persistent	Wipro	
24.	Sarthak Shrivastav	Cognizant		

Department of Industrial Engineering

1. Faculty Corner

1.1 Awards received by Faculty of department

1. Prof. Mangesh Joshi reviewed a manuscript titled "Effective Factors in Human Resource Empowerment: A Descriptive Survey the Iranian Sector's Distribution of Petroleum Products Company" for Jordan Journal of Mechanical and Industrial Engineering (JJMIE) on 14th August 2021.

2. Prof. Mangesh Joshi reviewed a manuscript "Ergonomics laptop backpack approach to reduce physiological complaints, increase productivity, and the time effectiveness for Visual Communication Design students in ISI Denpasar" for Theoretical Issues in Ergonomics Science, Taylor and Francis publishers on 1st September 2021.

3. Prof. Mangesh Joshi received invitation for reviewing a manuscript "Development of Modified Rapid Entire Body Assessment (MOREBA) method to more accurately predicts the risk of musculoskeletal disorders" for International Journal of Occupational Safety and Ergonomics, Taylor and Francis publishers on 14th September 2021.

4. Prof. Mangesh Joshi reviewed a manuscript, "User Authentication in The Internet Based Controlled Mobile Robot for Teaching and Research Activities" for International Journal of Assessment Tools in Education on 28th August 2021.

1.3 Publications

Sr. No.	Name of the Authors	Title of the Paper	Name of the Journal/ Conference /Book	Date of Conference /Publication	ISSN/ ISBN	DOI,vol., Iss., pp	SCI/ Scopus /ICI / Other (index)
1.	Mangesh Joshi and Dr. Vishwas Deshpande	Study of association between OWAS, REBA and RULA with perceived exertion rating for establishing applicability	Theoretical Issues in Ergonomics Science	19/08/2021	1464-536X	https://doi. org/10. 1080/146 3922X. 2021. 1958951	ESCI / SCOPUS
2.	Dr. T. A. Madankar	Ergonomics Workstation Design for welding Operation-A Case study	Advances in Industrial Machines and Mechanisms	July 2021		pp229-241	Scopus

1.4 STTP/FDP/other Training Attended by Faculty

SR. NO.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1.	Mangesh Joshi	FDP	1.5 Weeks	Intellectual property NPTEL (12 weeks)
2.	Dr. Ashwin Chatpalliwar	FDP on Quality Design and Control	Jan-Apr 2021	NPTEL
3.	Rakshal Agrawal	"AICTE Incorporating Universal Human Values in Education (An AICTE Initiative)"	28th June to 2nd July 2021	AICTE
4.	Vivek Suryawanshi	"AICTE Incorporating Universal Human Values in Education (An AICTE Initiative)"	28th June to 2nd July 2021	AICTE

2. Departmental Activities

IES Events

Teacher's Day Celebration 2021

Online Teacher's Day Celebration 2021

On 6th September 2021, the Industrial Engineering Society (IES) organized an online Teacher's Day celebration. The program began with Saraswati Vandana, sung by Shreya Das, followed by a poem written by Siddhant Binani and Prashansa Khandelwal to express their love and respect for teachers. An online musical program was arranged by students.A video was presented for the teachers where alumni expressed their views and feelings. The event was very well hosted by Sulbha Rathi and Harshwardhan Shahu. At last, the event concluded with the vote of thanks given by Shantanu Awachat, Secretary of Industrial Engineering Society (IES).

Webinar on Scope in Data Science

Webinar on Scope in Data Science

On 24th September, the Industrial Engineering Society (IES) organized a webinar on "Scope of data science." The speaker Prof. Pooja Umathe (Machine learning Engineer at Microsoft and data science) professor at Saint Peter's University addressed the students on the importance of data science. She spoke about how machine learning is an eminent part of data science and the role data science plays in artificial intelligence (A.I). She explained in detail how data science is changing the world and its importance in various industries. She concluded her presentation with the career opportunities in data science. At last, Shantanu Awachat (Secretary IES) gave vote of thanks.

Webinar on Instruments for Aircraft System

Webinar on Instruments for Aircraft System

On 25th September 2021, The Industrial Engineering Society (IES) organized a webinar on "Instruments for Aircraft System." The speaker, Prof. Harish Kutemate, Flying Officer is a member of National Council and the Board of Examination, Indian Institution of Industrial Engineering (IIIE), Mumbai. He has done his Graduation (BE) in Electronics Engineering & Post Graduation (M-Tech) in Industrial Engineering from RCOEM (RTM Nagpur University). He got commissioned in IAF (NCC) as Flying Officer and is presently posted at No. 2 MAH AIR SQN, NCC Nagpur as Associate NCC Officer and Asst. Prof. in the Department of Management in Real Institute of Management & Research, Nagpur. Dr. Yogesh Deshpande, IES, Prof in charge, and Arya Lokhande introduced the guest to the participants. In the beginning, he explained various concepts behind flying an aircraft with instruments and sensors, the importance of Sea-level for determining the altitude of aircraft, and then he concluded his lecture with the influence of these instruments on flight behaviour. He also motivated the students to join the INDIAN AIR FORCE. The webinar concluded with the Vote of Thanks given by Dr. Yogesh Deshpande (Prof in charge) and Shantanu Awachat, Secretary IES.

Parent Teacher Meet

The Parent Teacher Meet for VI and VII semester was held on Saturday 11/09/2021 from 11.00 am to 1.00 pm in the department of industrial engineering in online mode. 16 parents attended the parent Teacher meet. The following agenda was discussed with parents:

- Students' academic performance in examination (Test-I and Assessments)
- Student's attendance in class.
- Student's activities in last 6 months
- Students' placement and guidance related to higher studies.
- Student's internship

An online feedback was taken from each parent covering different aspects of teaching learning adopted by the department along with the suggestions.

3. Students' Corner

Student Achievements

Sr. No.	Name of Student	Event Name	Organizing agency *	Date of event *
1.	Aman Jhawar	Participated in Nation Engineering Olympiad	Nation Engineering Olympiad	03-07-2021
2.	Tanu Agrawal	Appeared for competitive exam National Engineering Olympiad	National Engineering Olympiad	03-07-2021
3.	Tanmay Wasu	Completed Online course on Instructor Led Live Online Training On Internet of Things Using Raspberry Pi	Finland Labs	05-07-2021
4.	Shubhankar Herwadkar	Attended Internship (INTERN)	BIRA 91	10-07-2021
5.	Ayushi Lanke	Internship	Haldirams' foods international Ltd	10-07-2021
6.	Tejveer Singh Puni	Industrial Training	Bira 91	12-07-2021
7.	Davendar Singh	Attended SKILL-UP workshop	IBM	16-07-2021
8.	Tanu Agrawal	Completed online course on Microsoft Excel- Data Analysis	Udemy	18-07-2021
9.	Nihar Nimsarkar	Completed Online course on python and data analysis	Shape AI	18-07-2021
10.	Aman Jhawar	Internship	Haldiram's Nagpur	19-07-2021
11.	Tanu Agrawal	Internship	Haldirams' Food International	19-07-2021

Sr. No.	Name of Student	Event Name	Organizing agency *	Date of event *
12.	Sulbha Sunil Rathi	Completed Online course on Programming for Everybody (Getting Started with Python)	Coursera	22-07-2021
13.	Abdul Daniyal Kazi	Industrial Internship	Spacewood Office Solutions	24-07-2021
14.	Ayushi Lanke	Completed Online course on C programming course	CyberNetics	24-07-2021
15.	Himanshu Subhash Yadav	Participated in Toycathon	Ministry of Education's Innovation Cell (Government of India)	24-07-2021
16.	Tanu Agrawal	Internship	Internship Studio	30-07-2021
17.	Kartik Agrawal	Internship	Haldiram Foods International pvt. ltd.	30-07-2021
18.	Sujay Sadanand Sathe	Web Development Internship	VERZEO	31-07-2021
19.	Aman Jhawar	Internship	Internship Studio	02-08-2021
20.	Nihar Nimsarkar	Attendedworkshop on python and deep learning	GDG Ranchi and Shape AI	02-08-2021
21.	Sulbha Sunil Rathi	Completed Online course on Python Data Structures	Coursera	03-08-2021
22.	Aditya Gosewade	Internship on Talent Acquisition (Human Resources)	The Sparks Foundation	05-08-2021
23.	Nihar Nimsarkar	Participated in Talent Acquisition	The sparks foundation	05-08-2021
24.	Pranay Jha	Comleted Online course on Business Analysis	Udemy	10-08-2021
25.	Gaurav Ahuja	Completed Online course on GOOGLE ADS FOR BEGINNERS	COURSERA	12-08-2021
26.	Yadnesh Kuthe	Participated National Science Foundation sponsored International Research Experience for Students (IRES) program from June 7 - August 13, 2021(NYU Internship + Poster Presentation and Research Booklet)	NYU University - NYU Tandon School of Engineering	13-08-2021

Sr. No.	Name of Student	Event Name	Organizing agency *	Date of event *
27.	Aditya Gosewade	Student Ambassador - Social Work Movement	Atypical Advantage	15-08-2021
28.	Aditya Gosewade	Participated in Python for ML/AI	Elite Techno Groups	15-08-2021
29.	Ayush kumar	Completed Online course on Financial Accounting Total-Beginners to Advanced	Udemy	18-08-2021
30.	Davendar Singh	Attended HPAIR	Harvard Business School	20-08-2021
31.	Manan Patel	Completed Online course on Programming for Everybody (Getting Started with Python)	Coursera	21-08-2021
32.	Usaid Quazi	Completed Online course on SEO	udemy	25-08-2021
33.	Supriya Singh	Attended National level essay writing competition	Faculty of Law, GLS University	26-08-2021
34.	Aditya Gosewade	Internship on Social Media Marketer	Suvidha Foundation	31-08-2021
35.	Aditya Gosewade	Internship on Safety Champion - Social Work Movement	Safecity (Red Dot Foundation) through Internshala	01-09-2021
36.	Sahil Chopkar	Completed Online course on Introduction to Machine Learning 2) Big Data Complete Course 3) Data Analysis Masterclass	Coursera, Udemy	04-09-2021
37.	Sampanna Umredkar	Completed Online course	Udemy	04-09-2021
38.	Kartik Fadnavis	Completed Online course on DAAPS AND BLOCKCHAIN PLATFORMS	COURSERA	07-09-2021
38.	Aditya Gosewade	Internship on Web Development and Designing	The Sparks Foundation	07-09-2021
39.	Nihar Nimsarkar	Participated in Web Development	The Sparks Foundation	07-09-2021
40.	Pratik Dholakia	Completed Online course on Technical Fundamental Support	Coursera	09-09-2021

Sr. No.	Name of Student	Event Name	Organizing agency *	Date of event *
41.	Pratik Dholakia	Completed Online course on Marketing in a Digital World	Coursera	10-09-2021
42.	Shantanu Ravindra Kale	Case-Study Paper publication	International Research Journal of Engineering and Technology (IRJET)	15-09-2021
43.	Manan Patel	Completed Online course on Python Data Structures	Coursera	17-09-2021
44.	Nihar Nimsarkar	Internship on Entrepreneurship	Commondove	18-09-2021
45.	Shreyansh Jaiswal	Completed Online course on MBSE: Model-Based Systems Engineering	University at Buffalo, The State University of New York	19-09-2021
46.	Krishna Chaturvedi	Completed Online course on Introduction to financial markets; The Science of Wellbeing	Coursera	24-09-2021
47.	Supriya Singh	Participated Intern as a human resource	The Spark Foundation	25-09-2021
48.	Nihar Nimsarkar	Attended workshop on Basic Netflix Clone	GDG Ranchi and Shape AI	27-09-2021
49.	Shreya Das	Completed Online course on Python for ML/AI internship	Elite Techno Groups	29-09-2021
50.	Shantanu Awachat	Paper Published on the topic, "Improving Productivity by Reducing Waste Material in Sheet Metal Fabrication Industry in Maharashtra, India"	International Research Journal of Engineering and Technology	01-10-2021

Department of Information Technology

Faculty Corner

Publications

Sr. No.	Name of the Authors	Title of the Paper	Name of the Journal/ Conference /Book	Date of Conference / Publication	ISSN/ ISBN	DOI, vol., Iss., pp	SCI/ Scopus /ICI / Other (index)
1.	Dr. D. S. Adane	Improved Decision Tree Model for Prediction in Equity Market Using Heterogeneous Data.	IETE Journal of Research	29th September, 2021		DOI:10.1080/03772063.2021.1982415	SCIE
2.	Prof. Purshottam J. Assudani	An efficient approach for load balancing of VMs in cloud environment	Applied Nanoscience	21st August 2021		DOI:10.1007/s13204-021-02014-z	SCIE and SCOPUS indexed (Impact factor 4.604)
3.	Prof. Purshottam J. Assudani	Development of Machine Learning Techniques To Differentiate COVID-19 Indications From Serious Diseases	International Journal of Aquatic Science	July 2021	ISSN: 2008-8019	Vol 12, Issue 02, PP-2062-2067	Web of Science
4.	Prof. Purshottam J. Assudani	The Internet of Things on Neural Networks Provides Intelligent Healthcare Management For Diabetic Patients	International Journal of Aquatic Science	July 2021	ISSN: 2008-8019	Vol 12, Issue 02, PP-2085-2091	Web of Science

Departmental Activities

1.2 Industrial Visits: Nil

1.3 Parents Meet, Alumni Meet and Departmental Installations or Events

The Parent Teachers meet was organized by the Department of Information Technology on 18th September, 2021 for V and VII semester IT. The academic Performance of the students was discussed with the Parents. Handouts were provided that highlighted the achievements of the students, staff and the activities organized by the Department. Dr. D. S Adane, Head of the Department took the feedback and suggestions of the parents for overall improvement of the department.

Student Society of Information Technology (SSIT) in association with Rotaract club of RCOEM organized a "Defeat diabetes campaign" in which blood sugar level along with the blood pressure was checked for free on 29th September 2021. It was held in IT department for all the teaching & non teaching staff of RCOEM College. A total of 175 tests were done in the college campus. The testing begun at 12 noon and the campaign was over by 3.30 pm. Rotary international had organized this project which was an Asia Book of Records content holder. The aim was to complete 1 million tests in one day across the country in which SSIT contributed by providing a venue in the IT department.

1.4 Conference, STTP and Guest Lectures organized in Department

Sr. No.	Conference/STTP/Guest Lecture organized	Speaker (with Affiliation)	Duration	Date
01.	How to choose Electives in line with Industry trends	Ms. Dipika Vyas Customer Relationship Manager, TCS, Portland, USA	2 hours	10th July 2021
02.	Importance of Core subjects in Placements	Mr. Raunak Singhvi Member Technical Staff 2 VmWare, Pune	2 hours	10th July 2021
03.	Introduction to Blockchain Technology	Mr. AkhileshYethirajam Development Lead Standard Chartered Bank, Malaysia	2 hours	14th July 2021
04.	Interview Techniques	Mr. Shivam Gupta Mu Sigma	2 hours	17th July 2021
05.	Bitcoin and Proof of Work	Mr. AkhileshYethirajam Development Lead Standard Chartered Bank, Malaysia	2 hours	20th July2021

Sr. No.	Conference/STTP/Guest Lecture organized	Speaker (with Affiliation)	Duration	Date
06.	Different role of an IT professional in Industry	Mr. Deepak Jha, Product Manager, Lightbeam AI, Nagpur	2 hours	12th August2021
07.	Introduction to Data Analytics	Mr. Kapil Adatiya Business Intelligence Engineer, Amazon	2 hours	18th August2021
08.	Introduction to Cloud Computing	Mr. Mrinmoy Prasad, Master Software Engineer at Capital One in Washington DC Area.	2 hours	29th August 2021
09.	Using MS-Excel as Basic tool for Data Analytics	Mr. Kapil Adatiya Business Intelligence Engineer, Amazon	2 hours	4th September 2021
10.	Using MS-Excel as Basic tool for Data Analytics	Mr. Kapil Adatiya Business Intelligence Engineer, Amazon	2 hours	9th October 2021

2. Students' Corner

2.1 Toppers List (Combined list of two shifts) if applicable

Sr. No.	Second Year	Third Year	Fourth year
1.	Preeti Vinod Yadav (9.7)	Shivam Kumar (10)	Kunal Manoj Agrawal (9.6)
2.	Varad Shirish Loya (9.65)	Samiksha Prashant Kodgire (9.86)	S Bhavana S V V Ramana S (9.54)
3.	Vaishnavi Rushiraj Chouhan (9.52)	Sudarshan Sunil Ahir (9.14)	Rutvik Pradeep Bhute (9.52)

2.2 Student Achievements

Sr. No.	Name of Student	Event	Achievement	Date
1.	Abhishek Angale	App Idea Competition organized by Golden Bird Education	Second Rank	01-09-2021
2.	Viddhi Siddhawar	App Idea Competition organized by Golden Bird Education	Second Rank	01-09-2021

3. Any other activity(s):

BEYOND ACADEMICS:

- Prof. Purshottam J. Assudani has conducted a 30 hours corporate training on Microsoft Azure Administrator Associate for the company "Deviare-Africa" from 28th September to 11th October 2021. The consultancy amount generated for the same is Rs. 60,000/-.

- Prof. Purshottam J. Assudani has conducted a 2 days corporate training on Microsoft Azure Architect Associate Technologies (AZ-303) for the company "Tech Mahindra" in September 2021. The consultancy amount generated for the same is Rs. 40,000/- (Rs. 20,000 per day).

- 94% of 2021-22 Batch eligible IT students got placed through campus drive.

- Top IT companies like Principal Global, Persistent, Infosys, VmWare, Nutanix, Capgemini, Cognizant, L&T Infotech, Accenture, Capgemini, DXC Technologies, ZS Associates selected 67 students from the Department.

The placement details of department for the session 2021-22 are as follows:

Sr. No.	Company Name	No. of Offers
1.	Cybage	1
2.	Capgemini	25
3.	Cognizant	39
4.	IBM	12
5.	Persistent	21
6.	Accenture	21
7.	Wipro	11
8.	TCS	5
9.	Fresh Gravity	2
10.	LTI	9
11.	Tieto EVRY	2
12.	Amazon	2
13.	ZS Associates	5
14.	Principal Global	3
15.	Capillary	2
16.	VmWare	2
17.	Softlink	1

Sr. No.	Company Name	No. of Offers
18.	Nutanix	1
19.	Infosys	1
20.	Delta-X	1
Total		170

Department of Mechanical Engineering

1. Faculty Corner

1.1 Awards received by Faculty of department

Dr. Y.M. Sonkhaskar was awarded with the patent recently on "Design and Fabrication of Plastic Bottle Crusher" by the Patent office, Govt of India on 1st Sept. 2021.

1.2 Guest Lectures taken by faculty

Sr. No.	Name of Faculty	Topic of Guest Lecture	Date of Guest Lecture	Organizers of Guest Lecture
1.	Y. M. Sonkhaskar	Formulation of experimental data based model for pelletizing process	28th Sept. 21 Applied Mathematical Modelling Workshop	J D College of Engg. and Mgmt., Nagpur affiliated to Dr. Babasaheb Ambedkar Technological University, MS
2.	Y. M. Sonkhaskar	Session Chair in the National E-conference on ETCME-2021	16th Sept. 21	KITS Ramtek

1.3 Publications

Sr. No.	Name of the Authors	Title of the Paper	Name of the Journal/ Conference/ Book	Date of Conference/ Publication	ISSN/ ISBN	DOI, vol., Iss., pp	SCI/ Scopus /ICI / Other (index)
1.	Yogesh Joshi	Experimental investigation of Al2O3 nano suspension in vapour compression refrigeration system using tetrafluoroethane and iso-butane refrigerants'	Materials Today: Proceedings	Sept 2021	2214-7853	0.34	47

1.3 Publications

Sr. No.	Name of the Authors	Title of the Paper	Name of the Journal/ Conference/ Book	Date of Conference/ Publication	ISSN/ ISBN	DOI, vol., Iss., pp	SCI/ Scopus /ICI / Other (index)
2.	Nikhil Bhave	Combustion, Performance and Emission Characteristics of Early Direct Injection Compression Ignition Engine with Varying Oxy Hydrogen Gas Concentration	SAE Technical Paper	Sept 2022	0148-7191	0.3	107

1.4 STTP/FDP/other Training Attended by Faculty

Sr. No.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1.	Bhushan C Bissa	NPTEL course on "I.C Engines and Gas Turbines". One and a half week FDP	Jan-April 2021, Exam held in August 2021	NPTEL
2.	Bhushan C Bissa	NPTEL MOOC on "Fundamentals of Automotive System". One and a half week FDP	Jan-April 2021, Exam held in August 2021	NPTEL

2. Departmental Activities

2.1 Parents Meet, Alumni Meet and Departmental Installations or Events

The Department of Mechanical Engineering arranged Parent-Teacher Meet on 11th September 2021 Saturday from 11:00 AM to 01:00 PM in online mode (Google meet) for V and VII semester students and their parents. All the respective faculty members teaching to V and VII semester students were present for the meet. The faculty members shared the student attendance, academic records and progress of the student with their parents followed by the teaching learning process, assessment, and how it helps students in placement and for higher studies. The parents were asked to share their views/suggestions/issues related to curriculum, wards' performance and online teaching learning. The meeting was chaired by Dr. M. M. Gupta, Professor and Head of Mechanical Engineering Department. 15 Parents actively participated in the meet; their feedback and suggestions were received. The PTM was coordinated by Dr. Alok Jha.

Conference, STTP and Guest Lectures organized in Department

Conference, STTP and Guest Lectures organized in Department

Sr.No	Conference/STTP/ Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
1.	Guest Lecture on How to prepare for GATE	Dr. Ramesh Babu, Prof & HOD Sidharth Institute of Technology & Sciences, Hyderabad	1 Hr	28.07.21
2.	Guest Lecture on How to prepare for IES (ESE) and SSC JEE	Dr Sushil Jain, Engineers Academy, Jaipur	1 Hr	28.07.21
3.	Guest Lecture on Higher Studies in Germany	Chhaya Kadam, Riya Education, Mumbai	1 Hr	10.08.21

3. Students' Corner

3.1 Toppers List (Combined list of two shifts) if applicable

3.2 Student Achievements

Team Trident Racing of SAE INDIA RCOEM Collegiate Club has successfully cleared the first phase of E-BAJA SAE INDIA, 2022 held on 5th Sept, 2021. The following students represented the team in the first phase- Animesh Hedaoo(7th Sem), Arya Pathak, Shreyas Nair, Aman Singh, Ajay Singh Chauhan(5th Sem). The Team is guided by Prof. Ganesh Shetiye and Prof. Bhushan Bissa.

3.3 Students in Higher Studies

Following students of 2020-21 batch have gone for Higher Studies

1.	Shubham Ambokar	MS	Cardiff University, Wales, United Kingdom
2.	Rushikesh Solanki	MS	Cardiff University, Cardiff Wales, United Kingdom
3.	Saransh Maheshwari	MBA	IIT Roorkee
4.	Apoorva Agrawal	MBA	IIM Trichy
5.	Anshul Sharma	M Tech	MIT Pune

Also following students excelled in competitive exams

Sr. No.	Name of Student	Name of Exam	Whether Qualified	Registration / Roll No	Marks	Score	Rank/ Percentile
1.	Swapnil Surendra Murkute	Gate ME	Yes	ME21S 72062037	34.85/ 100	369	15674
2.	Swapnil Surendra Murkute	Gate XE	Yes	XE21S 62062154	37.67 /100	359	3388
3.	Kaivan Shah	CAT	Yes	20111432		62.47	89.69
4.	Apoorv Agrawal	CAT	Yes	20069840		80.92	96.21
5.	Shobhit Singh	GATE	Yes	ME21S 72059038	43.61/ 100	461	120594
6.	Rohit Joshi	GATE	Yes	ME21S 72060099	45.07 /100	476	9055
7.	Piyush Malvi	GATE	Yes	ME21S 82063024	56.01 /100	590	4702
8.	Atul Raj Singh	MAT	Yes		800		99.2

3.4 Students' Placements

A large number of students have secured placements in IT and Core companies as below.

Sr. No.	Name of Company	No of Students Placed
1.	Accenture	5
2.	Cognizant	17
3.	Principal Global	2
4.	Varroc	4
5.	Wirpo	11
6.	DXC	1
7.	EATON	6

Department of Chemistry

Faculty Corner

1.1 Awards received by Faculty of department:

Dr Swaroop Laxmi Mudliar from the Chemistry Department participated in the **Tide Turners Plastic Challenge an online challenge   jointly organized by United Nation Education Program (UNEP), World Wildlife Fund (WWF), Centre for Environment Education, (CEE), Ministry of Environment and Forest MOEF** for education institutions all over India. She led the team of 10 **students, lead by team leader Vihang Pathak** to showcase their awareness towards plastic pollution. They completed all the levels successfully. For each of the levels the students qualified they would be awarded with Badges and certificates awarded which will be endorsed by UNEP. The announcement of the best Eco-club was made in the national youth summit held on 15th July 2021. **The college earned the repute of becoming the Tide Turner Champions 2021.**

1.2 Publications

Sr. No.	Name of the Authors	Title of the Paper	Name of the Journal/ Conference /Book	Date of Conference / Publication	IS SN/ ISBN	DOI, vol., Iss., pp	SCI/ Scopus/ICI / Other (index)
1.	Nahida Baig, N.S. Dhoble, Yatish R. Pauraha, **Meenal Joshi**& S.J. Dhoble	Thermoluminescence properties and evaluation of trapping parameters of Eu3+ and Dy3+ activated K3Ca2(SO4)3Cl phosphors	Radiation Effects and Defects in Solids	20 August 2021		DOI: 10. 1080/10 420150. 2021.19 66631 Page No: 1-15	SCI IF: 0.642
2.	Dr. C. P. Pandhurnekar	A mini review on different synthetic methods and biological activities of Imadazole and its Analog	Virtual International conference on multifuncti onal advan ced materials	9-10th August, 2021			

1.3 STTP/FDP/other Training Attended by Faculty

Sr. No	Name of Faculty	STTP/FDP/Training Attended	Duration /Date	Organizers of the event
1.	Dr. Sanjogta Meshram	AICTE approved 12 weeks FDP on 'Organic Chemistry in Biology and Drug development'	01 July to 30 October 2021	NPTEL
2.	Dr. C. P. Pandhurnekar	Virtual International conference on multifunctional advanced materials	9-10th August, 2021	Department of Chemistry, JVM's Degree College in collaboration with Association of Chemistry Teachers
3.	Dr. M. V. Joshi	Virtual International conference on multifunctional advanced materials	9-10th August, 2021	Department of Chemistry, JVM's Degree College in collaboration with Association of Chemistry Teachers

Departmental Activities

2.1 Conference, STTP and Guest Lectures organized in Department

Sr. No.	Conference/STTP/ Guest Lecture organized	Speaker (with Affiliation)	Duration	Date
1.	National webinar on Climate Change & Global Warming: What Lies Ahead?	Vysetti Ballaram Former Emeritus Scientist and Chief Scientist & Head, Geochemistry Division, CSIR-National Geophysical Research Institute (NGRI), Hyderabad	3h	24th July 2021
2.	National webinar on Future of food –Feeding 10 bn people by 2050	Agam Khare Founder, CEO at Absolute Foods	3h	21st August 2021
3.	National webinar on Radiation Technology: A versatile tool for multifaceted applications	Dr. Virendra Kumar, Head Advanced Material Section & Associate Prof. HBNI, Mumbai	3h	04 Sept 2021
4.	National webinar on Research at trace and ultra trace level using conventional and nuclear analytical techniques: An overview	Dr. Alok Srivastava, Professor and Former Chairman Chemistry Department and Centre of Advance Studies, Punjab University, Chandigarh		25 Sept 2021

Department of Humanities

1 Faculty Corner

1.1 Guest Lectures taken by faculty

Sr. No.	Name of Faculty	Topic of Guest Lecture	Date of Guest Lecture	Organizers of Guest Lecture
1.	Pratishruti Singh Agarwal	Career and Recruitment Training	1st September and 2nd September 2021	Department of Computer Science, Shri Mathuradas Mohota College of Science, Nagpur
2.	SonalTrivedi	Glorious History of Women Leaders of India	30th August 2021	M/s Tata Electronics Pvt Ltd, Hosur, Bangalore.

1.2 Publications

Sr. No.	Name of the Authors	Title of the Paper	Name of the Journal/Conference /Book	Date of Conference /Publication	ISSN /ISBN	DOI, vol., Iss., pp	SCI/ Scopus/ICI / Other (index)
1.	Dr. Deepshikha Mehra	'Learning by doing': a case of a flagship programme of an environment club of an engineering college from Central India	Impact: International Journal of Research in Humanities, Arts and Literature (IMPACT: IJRHAL)	N/A	ISSN (P): 2347–4564; ISSN (E): 2321–8878	Vol. 9, Issue 8, Aug 2021, 39–50	Other
2.	Dr. V. H. Asudani	Patriotism, Nature and Aesthetics	2 day National Seminar : on Diamond jubilee celebration of Indian Independence	8th and 9th August 2021 held at Mumbai			

1.3 STTP/FDP/other Training Attended by Faculty

Sr. No.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1.	Pratishruti Singh Agarwal	Two-Week Online Faculty Development Programme on Continuing Professional Development: Practicing, Researching and Publishing	Two-week/ 12th July 2021to 23rd July 2021	Dept. of Humanities and Social Sciences, national Institute of Technology, Tiruchirappalli

2. Departmental Activities

2.1 Conference, STTP and Guest Lectures organized in Department

Sr. No.	Conference/STTP/ Guest Lecture organized	Speaker (with Affiliation)	Duration	Date
1.	Achieving Fluency in Spoken English	Mr. Neeraj Nanoti, Corporate Trainer	2 Hours	4th September 2021
2.	Image Building for Career Development	Mrs. Swati Banerjee, Director & Founder, Swatz Image Consulting	2 Hours	11th September 2021
3.	Getting Ready for a Leap	Mr.Vinay Chawla, Founder, Enlighten the Soul	2 Hours	18th September 2021

A series of workshops was organized for B.E.1st year students of Group II. The students were administered with a pre-assessment test and were as grouped as fast, medium and slow learners. The Workshops were titled as 'Achieving Fluency in Spoken English', 'Image Building for Career Development' and 'Getting Ready for a Leap' whose guest speakers were Mr. Neeraj Nanoti, Mrs. Swati Banerjee and Mr. Vinay Chawla respectively. Prof. Pratishruti Singh Agarwal and Prof. Sonal Trivedi Malkan were the coordinators of the Workshops. They were guided by the Head of the Department, Dr. Deepshikha Mehra.

1   2   3

Any other activity(s):

4. READERS' REVERIE LITERARY CLUB

The Readers' Reverie Literary Club conducted its annual recruitment drive between 14th and 16th September 2021. Around 240 applications were received from B.E.1st and 3rd years and 162 candidates were shortlisted for online interview. 56 students were selected to be a part of the Club. The Club is a conglomeration of budding creative writers, quizzers, poets and orators.

The Readers' Reverie Literary Club conducted its annual recruitment

7. Dr. V. H. Asudani was invited to present his poems in One day Multilingual National Seminar of North Eastern and Western Languages hosted in Online mode by Central Sahitya Academy New Delhi on 27th July 2021.

8. Dr. V. H. Asudani participated in the capacity of subject expert in the deliberations of Board of Studies of Basic Sciences and Humanities of S. B. Jain Autonomous Institute, Nagpur on 27th July 2021.

Please send high quality pictures for incorporation in the newsletter as JPG file and not pasted in the Word file. Kindly name the photos and insert in the word file by name & number where the photos have to be inserted.

Department of Mathematics

1. Faculty Corner

Sr. No.	Title	Applicants	Inventor	Department	Application No.	Status
1.	Multi-utility Stationary Device	1. Shri Ramdeobaba College of Engineering and Management 2. Patne, Manjusha S. 3. Rane, Prachi P. 4. Daware, Smita G. 5. Sonkhaskar, Yeshwant M.	Prof. M.S.Patne, Prof. P. P.Rane, Prof. S.G. Daware, Prof. Y.M. Sonkhaskar	Mathematics	D-0000033953	Filed

1.3 STTP/FDP/other Training Attended by Faculty

Sr. No.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1.	Dr. P. O. Bagde	FDP on Incilcating Universal Human Values in Technical Education	28 June to 02 July 2021 / 5days	AICTE, New Delhi.
2.	Dr. J.H.Rai	National Webinar on Matrix in Real Life	23rd July 2021 / 1 day	Seth Kesarimal Porwal College of Arts & Science & Commerce, Kamptee

B. E. FIRST YEAR

B.E. First Year office conducted Online Parent Teachers Meet for B.E. First Year students, session 2020-2021. PTM was conducted through Google meet link on 28th August 2021from 11:00am to 1:00 pm. for the parents/students of B.E. Second Semester. The class teachers of respective sections were present during PTM wherein they shared the student attendance, academic record (continuous assessment) and progress of the student with their parents.

Total 407 parents were present and actively participated in the meet, and shared their valuable feedback and suggestions.

# Department of Physical Education & NSS

Departmental Activities:

Students Central Committee for Sports, NSS and NCC were formulated for the session 2021-22.Details are as follows:

**STUDENTS CENTRAL
COMMITTEE SESSION 2021-22**

Sr. No.	NAME	BRANCH &YEAR	POST	CONTACT NO
1.	Nachiket Miral	EDTIV	Secretary	9561467220
2.	Nandini Chandak	ECIV	Secretary	
3.	Abhinav Kumar	ECIII	Jt. Secretary	76664 65449
4.	Tanaya Deshpande	INDIII	Jt. Secretary	
	NSS			
1.	Riddhesh Nawgaje	MECHIV	Secretary	7620758898
2.	Mansi Agrawal	ITIV	Secretary	
3.	Vyankatesh Baheti	ENIV	Event Manager	8855862633
4.	Niharika Lodha	ENIII	Joint Secretary	
5.	Aryan Gangapari	ELCIII	Joint Secretary	8177917035
	NCC			
1.	Neusy Jain	INDIV	NCCCO- Ordinator	

NATIONAL SPORTS DAY CELEBRATION: AAGAAZ3.0

On the account of National Sports Day, the birth anniversary of hockey legend Major Dhyan Chand , Department of Physical Education, RCOEM organized its third edition "AAGAAZ 3.0" on 29th August2021
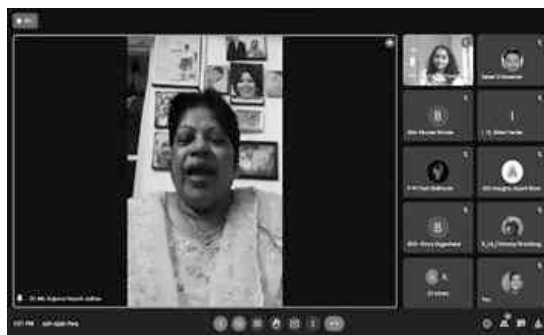
For RCOEM students. Due to the restrictions because of Covid-19 pandemic this year also AAGAAZ was conducted on an online platform. The competition was inaugurated at 4:00pm on 29/08/21 by Dr. Ms. Kalpana. V. Jadhav, Former Head of the Department Hislop College Nagpur Maharashtra, Former Director of RTM Nagpur University.

AAGAAZ3.0 included following events:

1. The Pushup competition (Boys)

2. The Surya Namaskar competition (Girls)

3. Circuit of Champions(open for all)

Participants showed utmost enthusiasm and kept the competition alive and challenging. Overall **72 students** registered for the event (27 **in women** section and **45 in men's** section).The winners of all the competitions were announced on 6th Sept on our Instagram page(@rcoem_sports).

RESULTS

**Online Sports Quiz Competition 2021**

Looking at the current scenario of covid-19, an offline sports event was not possible and thinking about an online sports event made everyone wonder. But under the guidance of Dr. Amit Anurag, we were able to conduct an interesting online sports event for students of RCOEM. Quiz competition was an Online event held by the sports committee of RCOEM on 13thAugust 2021.The event was conducted on an online platform on 13th August. The sports meet was inaugurated by Dr.AmitAnurag. Around 163students registered and participated in this online quiz

Quiz was held on KAHOOT, which is an online quiz platform and Google Meet.

Winners:
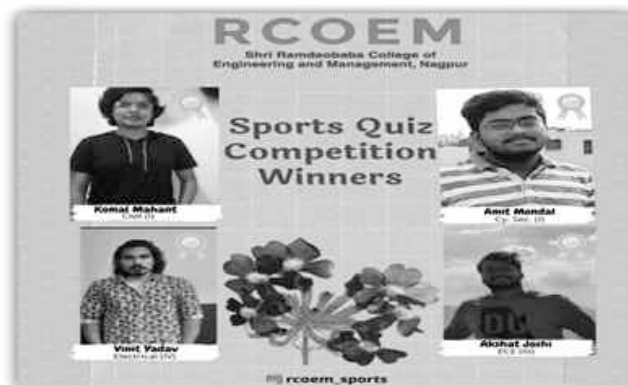
Any other activity(s): NSS UNIT RCOEM:

Independence Day: AZADI KA AMRUT MAHOTSAV

This year, it was an initiative to celebrate and commemorate the 75years of independent, progressive India and its glorious achievements, culture, history, and people. The theme for Independence Day was **"AZADI KA AMRIT MAHOTSAV"**. On this special occasion, a beautiful rangoli was made by NSS volunteers based on the theme. The program started with the flag hoisting ceremony which was commemorated at 09.30am by the hands of honorable chief guest Shri Chandrakantbhai Thakkar (Vice Chairman, Shri Ramdeobaba Sarvajanik Samiti),in the presence of Shri Kailashchandji Agrawal (Secretary, Shri Ramdeobaba Sarvajanik Samiti) and honorable members of Shri Ramdeobaba Sarvajanik Samiti, Shri Bhagwandasji Daga and Shri Dineshji Agrawal along with Dr. R. S. Pande Sir (Principal, RCOEM). The students and other staff members attended the program live by the means of YouTube. The chief guest addressed the gathering by reminding everyone of the sacrifices made by freedom fighters and motivated us so that we would serve our motherland, 'India' with heart, body, and soul to bring it glory and laurels with our dignified deeds. An inspiring video by NSS volunteers was streamed online through YouTube, Dance club, drama club, literary club, and music club performed various acts, awakening everyone's feelings towards their motherland.

RAKSHABANDHAN:

The NSS Unit of RCOEM celebrated the festival of Raksha Bandhan with an aim to spread togetherness and love with the underprivileged kids on 21st August 2021 and with the Central Reserve Police Force (CRPF) on 22nd August 2022.NSS Volunteers Celebrated the day with more than 50 underprivileged children living in slums. To express gratitude to brave-hearted brothers, the unit celebrated Raksha Bandhan tying Rakhi to more than 80 trainees of CRPF with complete rituals at GC campus, Nagpur. A total of 15 volunteers each day in Nagpur and many others individually from their respective town and cities became a part of this event.

NSS Foundation Day : 24th Sept 2021

The NSS Foundation Day program was commemorated using a digital platform i.e.Google Meet. The event commenced at 02:00 pm in the presence of honorable chief guest Shri Milindji Pathak (Member of 'Board of Studies' Electrical Engineering GHRIET, Nagpur), Dr. Amit Anurag (NSS Programme Officer), and Prof. Saket Kanetkar. More than 150 volunteers were present during the session. The program started by displaying g a glimpse of all the events organized by the NSS Unit in the previous academic year through a video. Mr.Riddhesh Nawgaje (Secretary, NSS Unit, RCOEM) introduced upcoming event, i.e., "Code Heist – The Social Hackathon".

Independence Week: AZADI KA AMRUT MAHOSTAV
The celebration of Independence Day signifies the solidarity of the citizens towards the nation. The series of events organized by the government of India to celebrate the 75th anniversary of India's independence was based on public participation and revolved around five themes- the freedom struggle, ideas, achievements, actions and resolve at75.NSSUnit,RCOEM, celebrated **"AZADI KA AMRIT MAHOTSAV"** for one complete week starting from August10th to August14th by various activities.

Department of Computer Application

Faculty Corner

1.1 Publications

Sr. No.	Name of the Authors	Title of the Paper	Name of the Journal/ Conference/Book	Date of Conference / Publication	ISSN/ ISBN	DOI, vol., Iss., pp	SCI/ Scopus/ ICI / Other (index)
1.	Dr. Sachin Upadhye, Prof. Satyajit S. Uparkar and et.al.	Approaches for Harvesting on Emotion Extraction from Human Facial Expressions	Indian Journal of Computer Science and Engineering (IJCSE)	20/08/2021	0976-5166	DOI: 10.21817/indjcse/2021/v12i4/211204159, Vol. 12 No. 4 Jul-Aug 2021	Scopus

Sr. No.	Name of the Authors	Title of the Paper	Name of the Journal/ Conference/Book	Date of Conference / Publication	ISSN/ ISBN	DOI, vol., Iss., pp	SCI/ Scopus/ ICI / Other (index)
2.	Prof. Satyajit S. Uparkar and et. al.	Big Data Analytics with OENN Based Clinical Decision Support System	Tech Sci. Press-Journal, Intelligent Automation & Soft Computing	22/09/2021	1079-8587	DOI:10.32604/iasc. 2022. 020203, Vol.31, No. 2, 2022, *pp. 1241-1256*	SCIE and Scopus

1.2 STTP/FDP/other Training Attended by Faculty

Sr. No.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1.	Dr. Preeti Voditel, Punam Khandar, and Aparna Gurjar	Training on Internet of Things (IoT), Innovation Design and Incubation center, RCOEM.	3 days 1 -3 July 2021	RCOEM-TATA -CIIIT.
2.	Prof. Yogine Pethe	FDP on "Applications of Deep Learning and Embedded Systems using MATLAB"	28/06/2021 to 3/7/ 2021.	Yeshwantrao Chavan College of Engineering, Nagpur in association with MathWorks Design Tech Systems Pvt. Ltd.
3.	Dr. Abhijeet R. Thakare and Pranali R. Dandekar	5 Days FDP on the theme of Inculcating Universal Human Values in Technical Education	28th June -2nd July 2021	AICTE
4.	Dr. Preeti Voditel, Dr. Abhijeet Thakare and Aparna Gurjar	Two days Workshop on Experiential Learning using NVIDIA DGX	10-11 Aug 2021	RCOEM-TATA CIIIT
5.	Dr. Preeti Voditel, Dr. Abhijeet Thakare, Prof. Satyajit S. Uparkar, Dr. Pravin Y. Karmore and Aparna Gurjar	Two days Training Program on Machine Learning	20-21 Sept 2021	RCOEM-TATA CIIIT

1.1 Toppers List (Combined list of two shifts) if applicable

Sr. No.	First Year (I sem)	Second Year (IV sem)	Final (Third) Year(VI sem)
1.	Fatema Shabbir Ayya (10)	Kapil Shravan Chadhokar (10)	Dipesh Kaushlendra Mishra (10) Animesh Parag Joshi (10)
2.	Harshal Hemraj Parshuramkar (9.95)	Himanshi Ajay Jain (9.83)	Simran Anil Sevlani (9.65) Milindsingh Liladhar Saiwala (9.65)
3.	Bariya Naaz (9.73)	Swapnil Dilip Selukar (9.63)	Aman Santosh Agrawal (9.51)

1.2 One Year Internships

The following students who will be passing out in 2022 have been selected for one-year stipendiary internships

Sr. No.	Student Name	Company Name
1.	Saurabh Bhatt	Oxybill Services Pvt. Ltd.
2.	Ameya Bawane	Oxybill Services Pvt. Ltd.
3.	Radha Kabra	Great Place IT Services Pvt. Ltd.
4.	Prabir Biswas	Great Place IT Services Pvt. Ltd.
5.	Jayesh Durugwar	Zip Marketing Pvt. Ltd.

Reflection

Department of Management Technology

1 Faculty Corner

Publication

Sr. No.	Name of the Authors	Title of the Paper	Name of the Journal /Conference/Book	Date of Conference / Publication	ISSN /ISBN	DOI, vol., Iss., pp	SCI/ Scopus/ ICI / Other (index)
1	Vaidya R.W	Occupational Stress and its Impact on Work-Life Balance and Psychological Well-being of Remote Working Women Employees in Information Technology Enabled Sector during Covid-19 Pandemic: An Empirical Study in Hyderabad Metro	Review of International Geographical Education Online	October 2021	E ISSN: 2146-0353	Volume 11, Issue 7, Pages 619	Scopus

1.1 Guest Lectures taken by faculty

Sr. No.	Name of Faculty	Topic of Guest Lecture	Date of Guest Lecture	Organizers of Guest Lecture
1.	Dr. Rahul Mohare	OR Models and its applications to solve real-time business problems	27th July 2021	at AMITY Global Business School and University of London(UK), Mauritius
2.	Dr. Rahul Mohare	How to harness best of the technology and software solution to conduct high value applied research	29th July 2021	at AMITY Global Business School and University of London(UK), Mauritius

1.2 STTP/FDP/other Training Attended by Faculty

Sr. No.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1.	Pritam Bhadade	FDP on "Business Analytics using Python"	2021-07-26 to 2021-07-30	ATAL & Indian Institute of Management Kashipur
2.	Pritam Bhadade	FDP on "Data Analytics for Research and Publication"	04/10/2021 to 08/10/2021	ATAL & Indian Institute of Management Vishakhpatnam
2.	Dr. Rajesh Vaidya	Train the trainers	12 weeks	NPTEL

Reflection

TEMPLE REPORT

DATE	EVENT	ACTIVITY
06/07/2021	Sunderkand	Sunderkand by Shri Radhakrishna Mahila Mandal
10/07/2021	Bhajan Sandhya	Bhajan by Shri Ramdeobaba Bhakt Kirtan Mandal
11/07/2021	DUJ	Bhajan by Swar Mudra Musical Khaparkheda Flower decoration by local Artist, Arti and distribution of Prasad
13/07/2021	Sunderkand	Sunderkand by Prajoth Mishra
17/07/2021	Bhajan Sandhya	Bhajan by Shri Ramdeobaba Bhakt Kirtan Mandal
20/07/2021	Sunderkand	Sunderkand By Shri Radhakrishna Mahila Mandal
24/07/2021	Bhajan Sandhya	Bhajan By Shri Ramdeobaba Bhakt Kirtan Mandal
27/07/2021	Sunderkand	Sunderkand By Shri Radhakrishna Mahila
31/07/2021	Bhajan Sandhya	Bhajan By Shri Ramdeobaba Bhakt Kirtan Mandal
03/08/2021	Sunderkand	Sunderkand By Shri Radhakrishna Mahila Mandal
07/08/2021	Bhajan Sandhya	Bhajan By Shri Ramdeobaba Bhakt Kirtan Mandal
10/08/2021	DUJ	Flower Decoration By Local Artist, Arti And Distribution of Prasad
14/08/2021	Bhajan Sandhya	By Shri Ramdeobaba Bhakt Kirtan Mandal
17/08/2021	Sunderkand	Sunderkand By Shri Radhakrishna Mahila Mandal
21/08/2021	Bhajan Sandhya	By Shri Ramdeobaba Bhakt Kirtan Mandal
24/08/2021	Sunderkand	Sunderkand By Shri Radhakrishna Mahila Mandal
28/08/2021	Bhajan Sandhya	By Shri Ramdeobaba Bhakt Kirtan Mandal
30/08/2021	Shri Krishna Janamashtmi	Flower Decoration By Local Artist, Arti And Distribution of Prasad
	BHADWA MELA	
08/09/2021	Baba Ki Duj	Bhajan Sandhya By Dipali Agrawal Flower Decoration By Local Artist, Arti And Distribution of Prasad
09/09/2021	Hartalika Teej	Badhai By Jaya Acharya
10/09/2021	Ganesh Chaturthi	Ganesh Sthapna & Arti
11/09/2021	Reech Panchmi	Bhajan By Shri Ramdeobaba Mhakt Kirtan Mandal
12/09/2021	Baldeo Shashti	Bhajan Sandhya By Ujwalji Khakoliya
13/09/2021	Santan Saptami	Bhajan By Mayank Sharma Bhajan Mandal
14/09/2021	Radha Ashtami	Sunderkand By Jeevan Singh
15/09/2021	Shri Chand Navmi	Dadi Ke Bhajan By Rani Sati Prachar Samiti
16/09/2021	Dashmi	Bhajan By Ramdeobaba Kirtan Sangam

AWARDS & ACHIEVEMENTS

RTMNU Conferred Jivansadhana Puraskar upon Shri Satyanarayan Nuwal, Chairman of RCOEM

RCOEM Alumni Mr. Pankaj Sarda featured in Forbes India Marquee Leaders

TheHitavada
Nagpur City Line | 2021-09-21 | Page- 3
ehitavada.com

Fivetran, owned by Labhe from city, to acquire HVR

- Announces $565 Million in Series D Funding
- Fivetran is owned by Vikram Labhe, the alumnus of Shri Ramdeobaba College of Engineering and Management and Saraswati Vidyalaya

■ Principal Correspondent

FIVETRAN, the leading provider of automated data integration, on Monday announced it has entered into a definitive agreement to acquire HVR, a leading provider of enterprise data replication technology of United States. Fivetran is owned by Vikram Labhe, a Nagpurian, the alumnus of Shri Ramdeobaba College of Engineering and Management and having school eduction from Saraswati Vidyalaya, a State Board school.

The acquisition will allow Fivetran to provide breakthrough database replication performance along with enterprise-grade security to address the massive market for modernizing analytics for operational data associated with ERP systems, Oracle databases, and more.

Fivetran also announced it has raised a $565 million Series D round, consisting of new and existing investors. Andreessen Horowitz (a16z) led the round with participation from existing investors General Catalyst, CEAS Investments, Matrix Partners, and others, along with new investors ICONIQ Capital, D1 Capital Partners and YC Continuity. Fivetran has raised $730 million to date. The company is now valued at $5.6 billion.

The combination of Fivetran and HVR complementary technologies will accelerate Fivetran's mission to make access to data as simple and reliable as electricity.

(Contd on page 4)

RCOEM Alumnus Mr. Vikram Labhe of Fivetran India raises $565mn funding to acquire HVR

RCOEM Alumni Mr. Mahendra Agrawal featured in Forbes India Marquee Leaders

RCOEM is among top 30 Finalists of the Swadeshi Microprocessor Challenge

HackWithInfy Achievement - Mr. Akshat Chandak

Reflection Newsletter

Shri Ramdeobaba Temple on Campus

RCOEM
**Shri Ramdeobaba College of
Engineering and Management, Nagpur**

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