REFLECTION NEWSLETTER

SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT

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Letter From The Editor

The fourth quarter of the calendar year saw our College scaling new heights. It started with an event of IEEE Nagpur Subsection in association with IEEE Region 10 Student Activities Committee and IEEE Bombay Section R10 Leadership Training and Membership Development Program - SB Leadership Conclave. The event witnesses the participation of 100+ participants. The activities under IEEE was continued with charity event of PES Zero Hunger Day and IEEE Day in which student volunteers donated food packages in Balsadan orphanage.

This quarter witnessed the Annual Alumni Day 'Conclave 2019'. The day marked the presence of lot of student alumni and also some ex-faculty members. From Books to Graduation and to Alumni meet the quarter saw it all. But this was just the beginning to a quarter that saw two Conferences being organised in collaboration with international partners and the corporate sector and lot of our faculty members sharing their knowledge with the industry an guiding the industry in addressing some of their challenges.

Not only did we help the industry in resolving their issues we even brought their experiences live in the classrooms for our students in the form guest lectures. The faculty members participated in Conferences, STTPs, FDPs and also had their research work published in international journals of repute. Some of our faculty members were awarded their PhDs also in this quarter.

The quarter also witnessed 'ANNAKOOT' PRASAD was distributed to more than 10000 devotees from across Nagpur. The student volunteer of NSS and faculty members participated enthusiastically in the organisation of the event.

The training and placement department, as dynamic as ever, organised Training Programs, interactions with Industry professionals and ensured that a god number of our students get placed for their internships assignments. The T&P dept also did a wonderful job in procuring job offers for our students.

Overall, this quarter saw the college delivering and gearing up for the future. The future has, in its folds, challenges galore for us and as Heraclitus once said:

"There is nothing permanent except change".

So, let us be prepared to change and to change for the good.

REFLECTION

Alumni Association

Alumni of Mining Engineering Department sponsored amount of Rs Two Lakhs on 14th Oct 2019 to the college for constituting Gold Medal to the current students of RCOEM for honoring their Academic excellence, in the name of mining engineer late Shri Saheb Singh.



Pune chapter meet:

Pune chapter organized Alumni meet on 11th Oct 2019. The following Alumni were prominently present for the same. Aishwarya, Sumona, Jayant Borkar, Tejaunsh Nyati, Abhisek Bhatara, Kuldeep Singh Vij.



Annual Alumni meet (Conclave-2019): Alumni Association of Shri Ramdeobaba College of Engineering & Management (RCOEM) celebrated the Annual Alumni Day—"Conclave 2019" on Saturday, 21st December 2019 at RCOEM campus, Nagpur. It was a Silver Jubilee celebration of 1994 Batch.













College Highlights

IEEE Events Bombay Section SB Leadership Conclave - Nagpur



Leadership Summit

IEEE Nagpur Subsection in association with IEEE Region 10 Student Activities Committee and IEEE Bombay Section hosted R10 Leadership Training and Membership Development Program - SB Leadership Conclave on the 5th of October, 2019 at Shri Ramdeobaba College of Engineering and Management, Nagpur. The event witnessed a total participation of over 100 delegates including the Executive Committees of all the SBs and Young Professional Members from within and beyond the Geography. Event was well drafted to target the Student Branch Leadership to orient and channelize them properly in order to develop a proper understanding and details of Student Branch operations such as plan of operations, leadership and team management, officer and activity reporting and scaling the membership benefits properly.

We invited leaders forum from Bombay Section and Nagpur Subsection, who briefed networking insights along with giving clear understanding of organizational matter, also disseminated and shared their knowledge and experiences through interactive sessions, IEEE Awareness programs, Case studies, Networking exposure, Games and Activities, Student Branch Competitions. This helped Student Branches, student members and branch counselors as they got a better understanding on leadership and team management, officer and activity reporting and to run membership drives aiming to enhance student membership number and its retention. The initiative also acted as a platform that brought together youth with professionals and experts with their ideologies tallying up to be the best exchange



of wisdom and acuity. It also trained the IEEE volunteers and made them aware of the various awards, scholarships and funding opportunities and perks provided by IEEE.

Event: PES Zero Hunger Day and IEEE Day Celebration by IEEE SB RCOEM, Nagpur

Venue: BALSADAN, Katol Road, Nagpur | Date: 13th of October 2019.

The volunteer team visited BALSADAN, an orphanage in Nagpur and donated food packages. Also, there was IEEE Day celebration with them as a part of which there was a cake cutting ceremony. The few hours that we spent with those innocent hearts made them feel that they are not alone in this world and there are so many people out who care for them. Spending the day with these children was an eye-opener for both, the children and









the IEEE members. This visit proved to be a source of motivation to volunteer more for the society.

Department of Civil Engineering

Faculty Corner Guest Lectures taken by faculty

Sr. No.	Date	Name Of Faculty	Topic	Organizers of the Guest Lecture
1	23-Oct-19	Dr. P. P. Dahale	Quality of Construction Materials, Testing and Need of Ground Improvement	MOIL Limited, Mansar, Nagpur



S. No.	Names of the Authors	Title of the Paper	Name of the Conference	Department	Place	Date
1	Anuj K. Sharma, Surbhi Mewara, T. K. Rao	Effect of Polypropylene fiber on engineering properties of bitumen and bituminous mix	National Conference & Expo on	Civil	RCOEM, Nagpur	14-16 October 2019
2	S. P. Siddh, H. P. Khungar, Nilesh Watkar	Adsorptive Removal Of Dr28 Dye From Wastewater Using Subabul Timber Waste As An Adsorbent	Advances in Mining and Geotechnical Engineering (GEOMINE-			
3	T. K. Rao Tallapragada, M. S Tiwari	Application of Geoinformatics in Ground Water Augmentation of AAM Watershed				
4	Dr. P.D. Pachpor	Experimental Studies On Liquefaction Susceptibility And Effect Of Fines (Silt) Using Shake Table Test				
5	A. A Mehta, P.P. Dahale, P.D.Hiwase	Numerical Modelling Of Braced Sheet Pile				
6	Dr. P. P. Dahale, M.S. Tiwari Dr. G.G. Manekar	Advancement Of Conventional Anchor Support System Through Use Of Natm And Nmt Approch For Underground Drift Stability				
7	Miss. P.S. Rewatkar	Experimental Studies of flyash and construction waste based stabilized rammed earth block				
8	A. K. Sharma, P.D. Pachpor	Pullout Behavior of screw and suction anchors in clayey soils				
9	Prof. N. S. Agrawal	Analysis of Reinforced Concrete Structure Considering the Effect of Soil Structure Interaction				



S. No.	Names of the Authors	Title of the Paper	Name of the Conference	Department	Place	Date
10	Kameshwar Rao Tallapragada, Mumtaz N Khan	Stabilization of Black Cotton Soil Using Liquid Sodium Silicate and cement	National Conference & Expo on	Civil	RCOEM, Nagpur	14-16 October 2019
11	M. S. Tiwari, P. B. Kulkarni, E.M. Gonnade	A Case Study of Dump Slope Stability Analysis Based On Rainfall and Soil Characteristics of Inder Coal Mine Area, Nagpur	Advances in Mining and Geotechnical Engineering (GEOMINE- 2019)			
12	P. B. Kulkarni, E.M. Gonnade	Experimental Studies On Effect Of Nailing In Cohessionless Soil	2019)			
13	Prof. Vaishali Rajurkar Prof. Sumit Geete	Stability Analysis of Dump Slope in Open Cast Mines				
14	P. P. Dahale, A. A. Mehta, P. D. Hiwase	Slope Stability Analysis by GeoSlope				
15	Manoj S. Tiwari, Vaishali J. Rajurkar	Review of Limit Equilibrium Methods for Stability Analysis of Dump Slope				
16	P. P. Dahale, A. A. Mehta, Bhavesh Sahani	Effect of wind and seismic forces on Intze type Water tank for different zones as per Indian Standards.				
17	P. D. Hiwase, S. P. Siddh	Comparison of Analysis and design of water tank using membrane theory and continuity theory: A Case Study				
18	H. P. Khungar	Analysis of Pre-fabricated Residential Building Considering Earthquake Zone-II				



S. No.	Names of the Author	Names of the Co-Author	Title of the Paper	Name of the Conference	Dates of the Conference
1	A. A. Laddha	Prasad Dahale, A. H. Padade	Experimental Studies to Analyze Effect of Shape of EPS Geofoam unit cell with flyash	Indian Geotechnical Conference 2019	19-21 December 2019
2	V. K. Gahlot	A.K.Sharma, P. Kalla, P. P. Dahale	Maas: Opportunities for Improving Mobility Services	Recent Issues in Civil Engineering and	December
3	Vaidehi Dakwale	Arpit Chachra, Ajit Barhate, Abhijeet Malewar	Use of C&D Waste in Development of Sustainable Walling Block its Sustainab Solutions RICESS-201		
4	Rajendra Khapre	Kamesh Gonnade	Experimental and Computational Study on Concrete Filled PVC Plastic Tubes Placed In Columns		
5	Monika R. Jain	Rajendra N. Khapre	Comparison of stresses for circular and rectangular prestressing platein post-tensioned anchorage zone		
6	Rajendra Khapre	Harsh Hotwani	Experimental and Computational Study of Concrete Filled UPVC Tubes		
7	Nikhil S. Agrawal	Varsha Harne, Jyoti Chouhan, Laxmi Gangwani	Construction of Plunge Column by using Top down Construction Method		
8	Sumit Geete	Manoj Tiwari and Mahendra Kadu	Steel Fiber Reinforced Concrete as Sustainable Material for Construction of Slab on Grade - Review		
9	Vaishali Rajurkar	Dr. A. Z. Chitade	Experimental Study of Industrial Waste in CSCE Block		



S. No.	Names of the Author	Names of the Co-Author	Title of the Paper	Name of the Conference	Dates of the Conference
10	Pranit S. Hunge	Khalid S. Ansari Tripti B. Gupta	valve for preventing pipeline rupture: A case study Parametric study of G+4 Civil Engineering its Sustainal Solutions PICESS 20	Engineering and its Sustainable	December
11	Hariom Khungar	Pratik Vyas, Dr. Sharda Siddh		RICESS-2019	
12	Dr. Joshi S.V.	Gonnade E.M.	Economical Design of Ash bund for Disposal of Wonder material- Fly Ash		
13	Er. Manoj Hukre	Prof. Varsha R. Harne	Analysis & Design of Beam less Slab		
14	Sharda P. Siddh	Shubham Mishra, Hariom P. Khungar, Tripti Gupta	Finite Element Analysis of PEB using Ready Reckoner for Moment Connection		
15	Ankush Asati	Udaysingh Patil, Vivek P. Joshi	Estimation of Urban Roads under Heterogeneous Traffic Conditions		
16	Akshay Shirpurkar	Sumit S. Geete	Investigation of Properties of Fiber Reinforced Concrete Using Rubber Tyre Tube Wastage as Fibers		
17	Vivek P. Joshi	Udaysingh Patil, Ankush Asati	Clay Soil Stabilization using Coconut Fiber, Kernel Powder, Stone Quarry Waste & Cement		
18	Anuj Sharma	Vimal Gahlot, T.K. Rao, P.D. Pachpor	Sustainable Transportation Systems to Improve Road Safety Situation.		



S. No.	Names of the Author	Names of the Co-Author	Title of the Paper	Name of the Conference	Dates of the Conference			
19	Udaysingh Patil	Vivek P. Joshi, Ankush Asati, Nakul Kabra	Seismic Response of a RC Framed Building with SSI	Recent Issues in Civil Engineering and	December			
20	Udaysingh Patil	Nakul Kabra, Dr. Prashant D. Hiwase, Dr. Sharda P. Siddh	Analytical Study of Response Reduction Factor of RCC Structures	its Sustainable Solutions RICESS-2019				
21	Dr. Prashant Hiwase	Sushant G. Kute, Dr. Prasad P. Dahale, Udaysingh Patil	Seismic behavior of L-shape RC building and effect of shearwall					
22	Dr. Prashant Hiwase	Ayush Shahu, Ajit Singh Choudhari, Monali Shangondawar	Comparison on sustainability of moment resistance connection methods in steel design					
23	Dr. Prashant Hiwase	S Venkat Shubham, Ashlesh S Reddy, Arshad A Ali	Comparison of foot-over bridge with different configuration of members					
24	Anushka Kumar	P.D. Pachpor, A.K. Sharma	Application of artificial neural network for design of two way slab					
25	Udaysingh Patil	Nakul Kabra, Ankush Asati, Dr. Prashant D. Hiwase	, Factor for Industrial					
26	Kameshwar Rao Tallapragada	Divya Chandak, Yash Rathi, Rajat Raghuwanshi	Traffic & pedestrian studies of selected routes in Nagpur city					



STTP/FDP/other Training Attended by Faculty

S. No.	Name of Faculty	STTP/FDP/ Training Attended	Duration/Date	Organizers of the event
1 2	Dr. S. P. Siddh Dr. P. D. Hiwase	Theory of Plasticity and its Applications	25-29 November 2019	IIT Bombay
3	Prof. V. J. Rajurkar	Construction Materials and Technology: An Approach towards Sustainability	8-9 November 2019	YCCE Nagpur
4 5	Dr. A. A. Mehta Dr. P. P. Dahale	Numerical and Analytical Methods in Geomechanics	9-13 December 2019	IIT BHU

Departmental Activities Industrial / Site Visits

S. No.	Name of Site	SEM	No. of Students visited	Date/ Duration	Outcome of Visit
1	"Construction site of D. G. Camp & Staff Office building" Seminary hills, Nagpur	VI semester B. E. Civil	58	2019	Understand field working atmosphere, RCC details of beams and column

Alumni Meet



The alumni meet has been a tradition conducted by RCOEM, In view of improving interaction with students who have finished their graduation of every department, alumni meet was organized by Shri Ramdeobaba College of Engineering and Management, Nagpur. The meet was scheduled on Saturday, 21 December 2019 at 10 AM. It was Silver Jubilee Celebration of 1994 batch. The Program started from 10 a.m. in the morning in MBA Auditorium, RCOEM Campus, followed by group

photograph at OAT. There after alumni visited to their respective departments. The time of visit to Civil Engineering Department was between 12.30 pm to 2.00 pm.

About 25 alumni of Civil Engineering Department from 1994 batch, registered for the meet this year. All the departmental faculty members were present for this meet to interact with the alumni.

Dr. P. D. Pachpor, Head of the Civil Engineering Department welcomed the alumni and addressed the gathering of the meet. Prof. P. B. Kulkarni, Prof. T.K.Rao, Dr. A.K.Sharma and Prof. M. S. Tiwari, shared the old memories and also discussed the agenda of the meeting. The agenda of the meeting was to provide assistance to the student in the field as well as the placement/industrial training/internship of the student studying in the second, third and final year of the program.



Conference, STTP and Guest Lectures organized in Department

A National conference and expo on "Advances in Mining and Geotechnical Engineering" GEOMINE 2019 was organised at Hotel Tuli Imperial, Nagpur. The conference was jointly organized by Civil Engineering department of Shri Ramdeobaba College of Engineering and Management, Nagpur Branch of Indian Mines Manager Association and VNIT Mining Alumni Association.

Shri Dipankar Shome , Director, Production and Planning , MOIL ltd. was guest of honor of inauguration ceremony. He explained on how by doing value addition to manganese, MOIL Ltd is selling manganese di oxide. He stressed that efforts in R & D needs to be augmented for mining in leaner ores and deep zones which are also geotechnicaly challenging.

Shri Govindlal Agrawal, General Secretary of Shri Ramdeobaba College of Engineering and Management, Nagpur in his presidential address stressed the need for extending know how to small scale mining sector. He desired better interaction between academic institutions and industry for mutual benefit.

A souvenir containing extract of papers was also released by the dignitaries.

The valedictory session was chaired by Shri Manoj Kumar, Director Technical Operations and Shri Ajit Choudhari, Director Technical Projects from WCL. Shri Manoj Kumar stressed the need of continuous geotechnical studies as mines are becoming deep and the formation more challenging. Shri Choudhari asked the participants to visit Eco Park and mineral water plant to get idea of innovativeness.

Alumni of mining department of Shri Ramdeobaba College of Engineering and Management presented a cheque of Rs Two Laks to General Secretary of the college Shri Govindlal Agrawal for constituting Gold Medal in the name of mining engineer late Shri Saheb Singh.

President of IMMA, Shri Sanodiya gave welcome address and Chairman of Conference organizing Committee Diwakar Gokhale presented details of conference. Prof Manoj Tiwari proposed vote of thanks.

The three day conference was attended by 150 delegates from academia, coal, metal, explosives, R &D, copper, zinc, cement, DGMS and geotechnical sector. More than 45 papers on topics like rock mechanics, geotechnical testing and exploration, geo environment, geo informatics, ground improvement techniques, instrumentation, design and modeling were presented. In the conference retired senior mining engineers were also felicitated. Key note papers were presented by Shri Rakesh Tumane, Director, MOIl Ltd, Dr Sunil Baraskar, GM, AFFCONS, Dr J C Jhanwar, Principal Scientist, CIMFR and Dr G G Manekar, G M, MOIL . Open session was conducted to prepare recommendation of the conference in which all the delegates participated and gave their valuable suggestions.

Stalls of mining machinery and geo textiles were also added attraction. Peer reviewed twenty five papers were also selected for publication in Web of Science index E Journal HELIX. Delegates were



also taken to mineral water plant and Eco tourism Park at Saoner.

A joint team of mining and geotechnical professionals from various public sector undertakings, Government departments and faculty members of civil engineering department, RCOEM under the mentorship of Dr P D Pachpor, Head, Civil Engineering Department, RCOEM and Prof. M. S. Tiwari Organizing Secretary worked hard for the successful organization of the conference.





International Conference on "Recent issues in Civil Engineering and Sustainable Solutions" (RICESS2019)

Civil Engineering department of Shri Ramdeobaba College Of Engineering and Management organized an international conference on "Recent Issue in Civil Engineering and Sustainable Solution" (RICESS2019) on 27th and 28th December 2019 which aimed to raise the awareness of sustainability in every aspect of Infrastructure Development which mainly focused on the dissemination of information and technology, sharing of expertise and exchange of views.

The main objectives of the conference were to bring awareness of the latest demand and technology for sustainable infrastructure development. It was planned to bring planners, researchers, academicians, practicing engineers, policy-makers, regulators, administrators, investors, legal &IT solution providers, and NGOs on a common platform to share and discuss their experiences, technical advancement, constraints and other significant issues on the sustainable infrastructure development and management.

The inaugural function was graced with presence of Engg. Ulhas Debadwar Chief Engineer PWD/NMC was the chief guest and Dr. Gajanan Sabnis (Emeritus professor), Harvard University Washington DC as guest of honor and key note speaker. The program started with lightning of lamps and felicitation of guest by vice-chairman of RCOEM Shri Chandrakantbhai Thakkar and secretary of RCOEM Shri Rajendra Purohit. Dr. A.K. Sharma Convener of conference briefed about the sustainable solutions of construction and discussed the importance of sustainable development in present scenario. Dr P.D. Pachpor HOD civil briefed the progress of Civil Engineering department and highlighted the activities organized by civil department. Dr R.S. Pande Principal RCOEM welcomed the guests and dignitaries in the pious campus of RCOEM and expressed his concern over the issues of civil engineering and in his speech suggested the use of recycle material in construction practices for the betterment of environment.

Chief guest Engineer Ulhas Debadwar Chief Engineer PwD & NMC expressed his views about the recent issues and suggested various means and practices adopted by the government agencies to reduce the population and carbon foot prints for the



sustainable development. He also urged for young civil engineer to give thoughts for green house effect and energy conversation.

Dr Gajanan Sabnis professor Emeritus Haward Univesity Washington D.C., in his speech ignited the young minds and provoked the thoughts of solid waste management, water conservation, green house effect and efficient energy management for sustainable growth and development of country by narrating the various examples of USA.

Vice chairman RCOEM, in his presidential speech Shri Chandrakant Bhai Thakkar blessed the organizers of the conference with his kind word of wisdom. He narrated that population is the root cause of deterioration of environment so it is the need of the hour to control its first for sustainable happiness and peace of the society (sighting the examples of delhi pollutions he expressed his concern over the traffic and land used in city).

The various keynotes of the speakers were

Topic	Keynote	Designation
Transportation engineering	Dr. Gajanan Sabnis	Emeriuts professor, Harvard university
Structural Engineering	Dr. M. Kewalramani	COE Abu Dhabi university UAE
Sustainable Construction Practices	Dr. Vimal Gahlot	Director, Center for research and sustainable development Bikaner Rajasthan
Environmental Engineering	Dr. Ritesh Vijay	Scientist, NEERI

Total 45 papers were presented during the conference the program and attended by various industry professional, academics and research scholars.

Formal vote of thanks was proposed by Dr. Vaidehi Dakwale.

Prof. Harshad Bhave, Prof. Hariom Khungar, Prof. Vaishali Rajurkar, Dr. Tripti Gupta, Prof. Sumit Geete, Prof. Varsha Harne, Dr. Sharda Siddh, Dr. Ashish Mehta, Dr. Prasad Dahale and Dr. Prashant Hiwase worked hard for successful conduction of event.





Mock Group Discussion session on 05.10.2019

The Civil Engineering Students Association (CESA) of RCOEM, Nagpur organized an expert lecture and mock group discussion as a preparatory activity for campus Selection for the final year students (first & second Shift) on the 5th of October 2019. Mr. Rajendra K Chandorkar delivered an expert lecture on the Group Discussion and Personal Interview techniques. The session was conducted from 1.00 pm to 4.00 pm.

The event officially started by the welcome and felicitation of Expert speaker at the hands of Dr. P.



D. Pachpor, Head, Civil Engineering Department. Dr. A K Sharma was also present on dias. Mr. Qutbuddin Bhopalwala, V semester second shift conducted the session and introduced the speaker to the participants.

Mr. Chandorkar elaborated on techniques for inculcating a positive attitude in students towards personality development. Many motivational short films were shown which were based on the life of some especially aided people one of them was Jessica Cox the first armless pilot in the world. He guided the students in facing the placement process and mentioned the important factors involved in the same, dividing the process into three stages – Before, during and after the PI. Also the detailed guidelines were given for building up the resume.





The event was organized successfully by CESA under the guidance the Dr. Vaidehi Dakwale, In-charge, CESA and Prof. Uday Singh Patil, Co-Incharge, CESA. Student coordinators were Mr. Nayan Deosarkar, Ms Sakshi Yadav and Mr. Hrushikesh Bang, President, CESA.

S.N.	Topics	Expert
1	Legalities in Construction	Adv. Ritesh Mahendra
2	Town Planning Rule	Er. Neha Tiwaskar (NIT, Nagpur)
3	Tendering & Registration with PWD	Er. Avinash M. Gulhane (PWD, Nagpur)
4	Taxation	Prof. Prashant Chhajer
5	Safety in Construction Industry	Er. Jagdish Rajurkar (AIIMS, Nagpur)
6	RERA & Taxation	C.A. Abhinav Welekar (CREDAI, Nagpur)

Other Activity

The Entrepreneurship Development Cell of The Department of Civil Engineering, RCOEM recently organised their annual entrepreneurship Development Event, "AUDACIOUS'19-20, start up conclave in Civil Engineering" on 10th October, 2019. Entrepreneurship Development Cell of Civil Engineering, provides a platform to budding entrepreneurs to familiarise themselves with the various Opportunities available in the market so that they can plan their start up with small capital. To enhance the awareness regarding legal aspects like new taxation system, tendering process, town planning rules safety etc, a one day workshop was organised consisting of series of expert talks on above topics.

About 150 students were a part of the events. The self sponsored event was designed by Prof. M. S.Tiwari and Dr Aashish Mehta, conducted it.

The entrepreneur cell student body of the civil engineering department worked hard for success of the workshop.









Department of Computer Science & Engineering

Faculty Corner - Publications

SN	Name of the Authors	Title of the Paper	Name of the Journal/ Conference/ Book	Date of Conference/ Publication	ISSN/ ISBN	vol.,	SCI/ Scopus/ ICI / Other (index)
1	Dr. A. J. Agrawal	Automated Negotiation in E Commerce: Protocol relevance and Improvement Techniques	Computers, Materials; Continua CMC	Date Nov 2019	1546- 2218	doi:10.32604 /cmc.2019. 08417 www. techscience. com/cmc	SCIE

STTP/FDP/other Training Attended by Faculty

S. N.	Name of Faculty	STTP/FDP/ Training Attended	Duration/ Date	Organizers of the event
1 2 3 4 5 6	Dr. Shailendra Aote Dr. Ramchand Hablani Prof. A. Raipurkar Prof. D. A. Borikar Prof. Shweta Jain Prof. A. Karandikar	FDP on Current Trends in Deep Learning and its Applications	9th - 20th Dec 2019	CSE, RCOEM, Nagpur
7	Dr. Swati Hira	FDP on Computational Linguistics: Techniques and Applications	2nd - 14th Dec 2019	IT, RCOEM, Nagpur



Departmental Activities Parents Meet

Parent - Teacher Meet was conducted on 5th October 2019 at Department of Computer Science & Engineering. The meet began at 10.00 am. Parents were given booklet highlighting the vision, mission, program outcomes, program specific outcomes, result analysis, achievements of the students, faculty members and the activities organized by the department for the students.

The parents were given the general observation about their wards performance in the Internal Tests and attendance by class in-charge and course coordinators. The parents also discussed the problems and suggestions for improvement in the subjects with the respective subject teachers. Parents also met Head of Department, Dr. M. B. Chandak to discuss the placement and new opportunities in IT sector. The parents filled the feedback form and also suggested the various ways of improvement.

Conference, STTP and Guest Lectures organized in Department

LECTURE on SALESFORCE PLATFORM

Guest Lecture on "Salesforce Platform" was organized on 5th October, 2019 by Mr.Dhawal Saiya, Salesforce Consultant in CSE Department in collaboration with CSI. Salesforce is an American cloud-based software company which provides customer-relationship management service and also sells a complementary suite of enterprise applications focused on customer service, marketing automation, analytics, and application development. The main motive of this guest lecture was to provide an overview and introduction to salesforce platform for application building, infrastructure, deployment, customization, upgradation, API's and architecture. It also combines Cloud computing and CRM, focused on development of technology that stores

and accesses customer data in their cloud and analysis of sales by understanding the customer transactions using the data in the cloud. The lecture was attended by third year students of CSE Department.





Conduction of Guest Lecture

Two Week AICTE Sponsored Faculty Development Program on "Current Trends in Deep Learning and Its Application"

Two Week AICTE Sponsored Faculty Development Program on "Current Trends in Deep Learning and its Application" dated 9thDec.-20th Dec 2019 was organized by Computer Science and Engineering Department. The program coordinator of FDP was Dr. M. B. Chandak, HOD, CSE. The program was inaugurated at the hands of Dr. R. S. Pande, Principal RCOEM. Nagpur. In Inaugural function Mr. Rahul Tiwari Founder and Data Scientist at Cognitior and Cognitive Analytics chaired as

Reflection

Technical expert. The course was attended by the faculty members and Ph. D. Scholars from various states of India and from reputed organizations. The FDP conduction provided all the necessary and important aspects needed to use and implement Deep Learning Algorithms in various domains theoretically as well as practically. Participants provided a hands-on training on a suitable environment to extend, improve, integrate, refine, and assist the learning and/or experimentation process of deep learning. This enabled the participants increase the effectiveness of scientific research and widening the area of Machine Learning, Deep Learning and their practical applications in various domains. The participants were given Hands-on experience on Python, Keras, Tensorflow and PyTorch.



Inaugural addresse by Dr. R. S. Pande Principal, RCOEM, Nagpur, Mr. Rahul Tiwari and Dr. A. J. Agrawal



Participants attending FDP.

Internet of Things' Workshop Report



Faculties and Participants of IOT workshop



Faculties and Participants of IOT workshop

A one day technical workshop on Internet of Things (IoT) was conducted by the department of Computer Science and Engineering, ShriRamdeobaba College of Engineering and Management (RCOEM), Nagpur in association with ACM student chapteron 21st December, 2019 for the students of IV semester of the department. The IoT lab Kit used for the hands-on session was procured under FIST grant. The workshop was conducted by Prof. Khushboo Khurana and Prof. Vasundhara Rathod of CSE department.

During the workshop students were given an introduction about IoT and then hands-on session was conducted on the IoT lab Kits available in the department to encourage the 2nd year students to start learning a new technology and develop multi-disciplinary projects for the benefit of the society.



Students' Corner Student Achievements Toppers List

S.N.	Second Year	Third Year	Fourth Year
1	Rishabh Parmanand Rathi (10)	Yavar Yakub Vazir (9.9)	Rakshit Bhagwat Kathawate (9.98)
2	Atul Ratnakar Thakre (9.97)	Sharvari Shriram Tapase (9.82)	Shruti Sunil Bichpuriya(9.7)
3	Aditya Ramnarayan Sharma (9.86)	Gaurav Sudhir Sharma (9.68)	Rajat Shrinarayan Agrawal (9.75)

S.N.	Name of Student	Ev	ent	Achievement	Date
3.11.	Name of Student	Name of Event and Place	Details of Activity/ Organized	Acmevement	Date
1	Om Patre Sanskruti Talmale	Mind the line- line follower Bot, RCOEM	Technical event under Technovision 12 by IEEE RCOEM Student branch and Technical Club	Qualified round 1	29/8/2019 to 30/8/2019
2	Prince Varshney Gauri Kulkarni Mohit Shingane Shubham Saboo Piyush Rajkarne Rishabh Rathi Nikeshsingh Baghel Ayush Gupta Nikhil Tiwari Paritosh Dandekar Rahul Agrawal Rohit Chandani Rushil Parekh Rajat Chandak	Mind the line- line follower Bot, RCOEM	Technical event under Technovision 12 by IEEE RCOEM Student branch and Technical Club	Participation	29/8/2019 to 30/8/2019
3	Karen Abraham Prince Varshney Suhasini Aney Kunal Khandelwal Monica Dholwani Raghav Maheshwari Piyush Rajkarne	Intelligence, RCOEM	Coding event under Technovision 12 by IEEE RCOEM Student branch and Technical Club	Participation	29/8/2019 to 30/8/2019



CN	Name of Christian	Eve	ent	A alesayama am4	Data
S.N.	Name of Student	Name of Event and Place	Details of Activity/ Organized	Achievement	Date
4	Tithi Agrawal Shubham Saboo	Meshmerize, IIT Bombay	Technical event (Bot competition) at IIT Bombay Techfest	Participation	6/10/2019
5	Vartika Gupta Sreya Vallabhani	LAASYA, Raisoni College	Dance competition at Sadabai Raisoni Women's College nagpur	Winner	24/8/2019
6	Rishabh Rathi	Coddiction at IIIT Nagpur	Coding event at IIIT Nagpur	26th rank (score 470 out of 540)	30/9/2019
7	Rishabh Rathi	Annual technical and Entrepreneural Festival, Techkriti at IIT kanpur	Served as Campus Ambassador	Participation	Oct, 2019
8	Yash Sharangpani	Codevita Season 8	National level Coding Competition by TCS	Rank 4889 among 55654 students, qualified round 1	28/6/2019 to 13/7/2019
9	Shubham Paliwal	DST and Texas Instruments India Innovation Challenge Design Contest	Technical Contest by DST & Texas Instruments powred by AICTE mission, anchored by NSRCEL@IIMB	Participation	1/9/2019
10	Aditya Sharma	Coddiction at IIIT Nagpur	Coding event at IIIT Nagpur	37th rank (score 440 out of 540)	30/9/2019
11	Aditya Sharma	IGDTUW- An Online Coding Event, Coding Ninjas	Coding event organized by Indira Gandhi Delhi Technical University for Women	23rd rank and 149/270	7/10/2019
12	Aditya Sharma	Maze runner, IIIT Nagpur	Technical Event by IIIT Nagpur	Participation	28/9/2019 to 29/9/2019



CN	Name of Charles	Ev	ent	A -1:	Data
S.N.	Name of Student	Name of Event and Place	Details of Activity/ Organized	Achievement	Date
13	Yugandhar Deshkar	Yuva Sfurti at ramkrishna Math Nagpur	One Day Youth Convention	Non-technical	12/2/2019
14	Keshav Lakhotiya	Google Kickstart Round E 2019	Kickstart Round E 2019 organized by Google	446th place	25/7/2019
15	Yash Agrawal Atul Thakre	Weave the Web at IIIT Nagpur	Website Designing Competition at IIIT Nagpur	Participation	28/9/2019 to 29/9/2019
16	Aarushi Tiwari	Quiz, IIIT Nagpur	Quiz (theme based) competition at IIIT, Nagpur	Participation	28/9/2019
17	Varun Jaiswal Shubham Jha Yash Bhageriya Chaitanya Chafale Prathamesh Channe	Intelligence, RCOEM	Coding event under Technovision 12 by IEEE RCOEM Student branch and Technical Club	Top 8	29/8/2019 to 30/8/2019
18	Chaitanya Chafale	GDG Code Jam Extended'19	Coding contest organized by Google Developer Group	Top 50 finalist	6/10/2019
19	Kashmira Deshpande	Conzmo Clench	Robotics competition under Techfest IIT Bombay	Participation	6/10/2019
20	Priyal Taori Palash Jhanwar Tanisha Agrawal	Barmuda Triangle, RCOEM	Robotics competition under technovision RCOEM 2019	Participation	29/8/2019 to 30/8/2019
21	Saksham Madan Gaurav Sharma Ashlesh Mahule Atharva Udapure	E-Yantra, IIT Bombay	E Yantra robotics competition organized by IIT Bombay	Participation	21/9/2019
22	Siddha Deshmukh	Basket Ball Tournament	West Zone Inter University Basket Ball Tournament	Participation	14/12/2019 to 18/12/2019



C N	NI CCI I	Ev	ent	A 7.	D 4
S.N.	Name of Student	Name of Event and Place	Details of Activity/ Organized	Achievement	Date
23	Aradhita Menghal Lalita Sharma Amit Kumar Atharva Uplanchiwar Atharva Paliwal Gaurav Agrawal Keshubh Sharma Shreyas Nemani Ram Agrawal	Area 51, Technovision, RCOEM	Robotics event under Technovision 12.0	Non-technical	29/8/2019 to 30/8/2019
24	Amit Kumar	Coddiction at IIIT Nagpur	Coding event at IIIT Nagpur	61st rank (score 400 out of 540)	30/9/2019
25	Lalita Sharma	Coddiction at IIIT Nagpur	Coding event at IIIT Nagpur	153rd rank (score 140 out of 540)	30/9/2019
26	Ram Agrawal	Coddiction at IIIT Nagpur	Coding event at IIIT Nagpur	84th rank (score 350 out of 540)	30/9/2019
27	Yash Kothari	ACM Chapter Contest 2019	ACM Chapter contest in Manipal University, Jaipur	Participation	24/8/2019
28	Anirudha Agrawal	Traveloka Hackerearth	Traveloka Campus hiring challenge by Hackerearth	11th rank	15/9/2019
29	Naman Vidyabhanu	Traveloka Hackerearth	Traveloka Campus hiring challenge by Hackerearth	15th rank	15/9/2019
30	Surbhi Khatri	Traveloka Hackerearth	Traveloka Campus hiring challenge by Hackerearth	2nd rank	15/9/2019
31	Saurabh Talmale	Traveloka Hackerearth	Traveloka Campus hiring challenge by Hackerearth	56th rank	15/9/2019
32	Aman Pawar Gaurav Agrawal Sumit Bhutada	IRL - Sr. Robo Race under Time Technoxian, Delhi	International Robotics League & world Championship	Participation	23/9/2019 to 25/9/2019



CN	Name of Student	Ev	ent	Achievement	Data
S.N.	Name of Student	Name of Event and Place	Details of Activity/ Organized	Acmevement	Date
33	Rushabh Gaherwar	BNY MELLON Coding Challenge	Internship Coding challenge by BNY Mellon	top 100	07-09-19
34	Saurabh Talmale	GDG Code Jam Extended'19	Coding contest organized by Google Developer Group	Top 10, 2nd rank	10-10-19
35	Shubham Jha	Urdu Debate Competition, LAD college, Nagpur	Intercollegiate Urdu Debate competition	Won Speaker of the City 2019	28/9/2019

Online courses: Following students have completed online courses:

S.No.	Name of the student	Institute/Organization/Industry	
1	Abhishek Chohan	Udemy (CEH - Exploit Research and Development), Udemy (Learn how to Code : Google's Go (golang) Programming Language)	
2	Afra Sayed	Udemy –(Java Design Patterns and Architecture), (The web developer bootcamp)	
3	Arpit Dekate	Udemy (Python for beginners: learn with ex. And mini project online) (Deep learning prereq.: the numpy stack in python), (AWS concepts), (The Complete iOS 10 Developer- Create real apps in swift 3)	
4	Lalita Sharma	Udemy(Web Developer Bootcamp), (Java Tutorial for complete beginners)	
5	Shreyas Barve	Udemy (Learn to code with python 3), (Talking Robots : AI Audiobook creation), (VFX and Virtual Reality Theory basics), (Japanese (Hiragana) in English), (AI and predictive Analysis using Python)	
6	Ajay Pande	Udemy (C++ tutorial of Complete beginners), (HTML Fundamentals), (Fundamentals of IoT development)	
7	Tejas Tapas	Udemy (Python programming), (Java programming)	
8	Rishabh Rathi	Udemy(Git started with Github), (Python for absolute beginners), (C Programming made easy), (Try Django 1.10)	
9	Alfiya Sheikh	Udemy(Introduction to Compiler Construction and Design)	



Online courses: Following students have completed online courses:

S.No.	Name of the student	Institute/Organization/Industry		
10	Hrishikesh Chawdipande	Udemy (Machine Learning A-Z), Coursera North Western University (Fundamentals of Digital Image and Video processing)		
11	Shubham Paliwal	Udemy (ML and Data Science Hands-on with Python), (Deep Learning Projects with JavaScript)		
12	Nikeshsingh Baghel	Udemy (Pandas with Python), (Learn to code with Python 3)		
13	Aryan Gupta	Udemy(Try Django 1.11 // Python Web Development)		
14	Komal Chandak	Udemy(Introduction to Compiler Construction and Design), (Foundations of Front End Web Development), Eduonix (Learn Cloud Computing from Scratch for beginners)		
15	Neha Moharil	Udemy (Full stack JavaScript course), (Introduction to Compiler Construction and Design), Eduonix (The Developers guide to Python 3 Programming)		
16	Ashutosh Gupta	Udemy (Fundamentals of IoT Development), (Java Tutorial for Complete Beginners), (HTML 5 and CSS3 Fundamentals)		
17	Amey Bhutada	Udemy (The Essential Android O Developer Course (JAVA))		
18	Aditi Agrawal	Udemy (Introduction to Compiler Construction and Design)		
19	Stavan Khisty	Udemy (JavaScript Basics: Start coding in 5 minutes)		
20	Aarushi Tiwari	Udemy (The Complete Python Masterclass)		
21	Pritesh Bajaj	Udemy (JavaScript Basics: Start coding in 5 minutes)		
22	Ananya Udemy	(The Essential Android O Developer Course (java)		
23	Hardik Sharma	Udemy (Introduction to Compiler Construction and Design), (Applied Deep Learning: Build a Chatbot- Theory, Application)		
24	Sarang Nafde	NPTEL (Design Thinking - A Primer)		
25	Karen Abraham	NPTEL (Programming Data structures and Algorithms using Python)		
26	Muskan Chourasia	NPTEL (Ethical Hacking) 12 weeks course		
27	Arpit Kidile	NPTEL (Ethical Hacking) 12 weeks course		
28	Bhumika Nagrecha	NPTEL (Social Networks) 12 weeks course		
29	Nidhi Sharma	NPTEL (Introduction to IoT) 12 weeks course		
30	Atul Thakre	NPTEL(Data Structures and Algorithms using python)		
31	Ayush Kedia	NPTEL (Data Structures and Algorithms using python)		
32	Preha Rohatgi	NPTEL (Joy of Computing with Python)		



Online courses: Following students have completed online courses:

S.No.	Name of the student	Institute/Organization/Industry	
33	Anshul Chavhan	Coursera Hong Kong University (Front end web UI Frameworks and tools: Bootstrap 4)	
34	Om Pandey	Coursera (Introduction to Data Analytics for Business), (Fundamentals of Quantitive Modelling)	
35	Kunal Khandelwal	Coursera (Programming for everybody - Getting started with python) University of Michigan	
36	Sushant Patrikar	Udemy (Python and R in Data Science), Coursera (Stanford University Machine learning), (Neural networks & Deep learning), (Improving deep neural network),	
37	Aradhita Menghal	Coursera University of Michigan (Introduction to CSS3), Interactivity with JavaScript	
38	Yugandhar Deshkar	Coursera Stanford University (Machine Learning)	
39	Anand Sharma	Coursera IBM (What is Data Science), (Data Visualization with Pyth	
40	Raghav Maheshwari	Coursera University of Michigan (Using python to access web data), (Python Basics), The Fundamentals of Digital Marketing Certification Exam	
41	Aditi Agrawal	Coursera Stanford Online (Machine Learning)	
42	Nakul Tibdewal	Coursera (Introduction to C# Programming and Unity)	
43	Sagar Jain	Coursera University of Michigan (Programming for Everybody : Getting started with python)	
44	Ananya	Coursera IBM (What is Data Science), (Python for Data Science and AI)	
45	Gaurav Sharma	Coursera IBM Blockchain Foundation for Developers	
46	Sudhanshu Bhogal	Coursera Stanford Online (Machine learning)	
47	Anand Sharma	Coursera IBM (Python for Data Science and AI), (Open Source Tools for Data Science)	
48	Krishna Sahu	Coursera (Programming for Everybody: Getting started with python), (Python Data Structures), (What is Social?), (What is Data Science), (Introduction to data Science in Python)	
49	Sagar Jain	Coursera University of Michigan (Programming for Everybody: Getting started with python)	
50	Onkar Muttemwar	Coursera UCSan Diego (introduction to big data)	
51	Suyash Sinha	Data Structures in JAVA (Coding Ninjas)	
52	Alfiya Sheikh	SOLO Learn (PHP tutorial course)	



Online courses: Following students have completed online courses:

S.No.	Name of the student	Institute/Organization/Industry	
53	Shubham Paliwal	FinTech Level 1 (Govt. of Maharashtra)	
54	Abbas Murtaza Husain	Google Ads Fundamentals, Google Ads Search Certification LinkedIn Learning (Python Essentials training), (C Essential Training) (Learning Python)	
55	Aarushi Tiwari	Intel AI Academy (AI from Data center to the Edge- An optimized path using Intel Architecture	
56	Piyush Deshmukh	German Language A2 Level	
57	Anshul Chavhan	AWS Cloud Practitioner	
58	Rida Zuber	Infosys Certified Software Programmer	
59	Dhiraj Kungwani	Infosys Certified Software Programmer	

Intra Institute

S.N.	Name of Student	Event		Achievement	Data
3.11.		Name of Event and Place	Details of Activity/ Organized	Acmevement	Date
1	Ayush Kedia	Quiz Competition, RCOEM	Student Body of Computer Society of India, CSE Dept., RCOEM	Secured 1st rank	Aug-19
2	Tanisha Agrawal	Debate Competition, RCOEM	Student Body of Computer Society of India, CSE Dept., RCOEM	Secured 1st rank	Aug-19

Copyrights

S.N.	Title	Name of the Student/students	Registered with	Semester	Shift
1	Linear Data Structure Simulator (Software Copyright)	Sushant Patrikar	Copyright Office, GOI	5	1
2	Linear Data Structure Simulator (Software Copyright)	Yash Sharangpani	Copyright Office, GOI	5	1

Workshops

	NI C	Instituto/	Dura	ation
S.N.	the student Urganization/Industry		Start Date (mm dd yy)	End Date (mm dd yy)
1	Kunal Khandelwal	Introduction to ML with Azure Notebooks by Microsoft Student Partners in GHRCE Nagpur	9/14/2019	9/14/2019
2	Kunal Khandelwal	Introduction to Deep Learning with Azure Notebooks by Microsoft Student Partners in GHRCE Nagpur	9/14/2019	9/14/2019
3	Kunal Khandelwal	Introduction to ML with Azure ML Studio by Microsoft Student Partners in GHRCE Nagpur	9/14/2019	9/14/2019

Department of Electrical Engineering

Faculty Corner Faculty Ph.D. Awarded

1. Prof. Preeti Kapoor has been awarded Ph.D. degree in the faculty of Science and Technology in Electrical Engineering from Rashtrasant Tukdoji Maharaj Nagpur University under the guidance of Dr. M. M. Renge, Dept. of Electrical. Engineering, for her thesis titled "Modular Multilevel Converter for Three Phase Induction Motor Drive".

Awards received by Faculty of department

- i) Dr. M. V. Palandurkar has got GOLD certification in eight week NPTEL online course with course title, "Accreditation and Outcome Based Learning" organized by IIT Kharagpur.
- ii) **Dr. Piyush Khadke** Assistant Professor, EE, RCOEM Nagpurand **other 4 Co-Authors** received Best Paper Award for presenting paper titled "Performance Analysis of Machine Learning Classifiers for Fault Type Classification in Multi-Bus Power Systems" in

- International conference PEDEPS-2019 by RCOEM Nagpur in IoT track.
- iii) **Dr. S. B. Bodkhe, Prof P. Sawarkar** and **Dr V. T. Barhate** and **other 3 Co-Authors** of EE, RCOEM Nagpur, received Best Paper Award for presenting paper titled "Hybrid Energy Storage System for Electric Vehicle" in International conference PEDEPS-2019 by RCOEM Nagpur in Energy Track.
- iv) **Dr. U. B. Mujumdar,** Associate Professor, EE, RCOEM Nagpur, and **other 3 Co-Authors** received Best Paper Award for presenting paper titled " Development of Micro Phasor Measurement Unit (μ-PMU) to Facilitate Synchro phasor Learning at Undergraduate Level " in International conference PEDEPS-2019 by RCOEM Nagpur in Power System track.
- v) **Dr. M. M. Renge,** Professor, EE, RCOEM Nagpur and **other 3 Co Authors** received Best Paper Award for presenting paper titled "Modelling and simulation of Two Gear Electric Vehicle in MATLAB Simulink " in International conference PEDEPS-2019 by RCOEM Nagpur in Electrical Drives track.



Guest Lectures taken by faculty

S.N.	Name of Faculty	Topic of Guest Lecture	Date of Guest Lecture	Organizers of Guest Lecture
1	Dr. Sanjay Bodkhe	Paper Writing skills and Methods to avoid Plagiarism	8th December 2019	One day workshop as course work on Research Methodology at G. H. Raisoni University, Amravati for PhD students
2	Dr. Sanjay Bodkhe	Design Phase, Technology & Targets, Assessment Pattern and Assessment Instruments	12th December 2019	Faculty Development Program on Outcome Based Pedagogic Approach for Effective Teaching-Learning & Accreditation at J. D. College of Engineering and Management, Nagpur
3	Dr. S. B. Bodkhe	Speed-Sensorless Induction Motor Control	7th November 2019	AICTE sponsored STTP on "Recent trends in Electrical Drives and their Applications" at YCCE Nagpur
4	Dr. S. B. Bodkhe	Speed-Sensorless Induction Motor Control	7th November 2019	AICTE sponsored STTP on "Recent trends in Electrical Drives and their Applications" at YCCE Nagpur

SN	Name of the Authors	Title of the Paper	Name of the Journal/	Date of Conference/	ISSN/ ISBN	DOI, vol.,	SCI/ Scopus/
			Conference/	Publication		Iss., pp	ICI / Other
			Book				(index)
1	Dr. Piyush	Pilot Relaying	SPRINGER-	23rd October	2228-	https://doi.org	SCI (WoS)
	Khadke,	Scheme Based on	Iranian Journal	2019	6179	/10.1007/	
	Dr. N. R.	Differential	of Science and		(Print)	s40998-019-	
	Patne,	Admittance	Technology,		2364-	00279-3	
	Dr. Arvind	Concept for FSC-	Transactions of		1827		
	Singh,	Compensated EHV	Electrical		(Onli		
	Mr. G.	Transmission Line	Engineering		ne)		
	Shinde						



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)
2	Janak Raj Chadha, Megha Pandey, Tejash Sharma, Dr. N.R. Patne (VNIT, Nagpur) Dr. Piyush Khadke,	Performance Analysis of Machine Learning Classifiers for Fault Type Classification in Multi-Bus Power Systems	Helix: The Scientific Explorer	31 Dec. 2019	2277- 3495	DOI 10.29042 /2019-5910- 5915	eSCI (WoS)
3	Komal Ambhorkar, Dr. Piyush Khadke, Dhananjay Tutakne	Comparative Simulative Study of Power Factor Improvement by Employing Extinction Angle Control in AC-AC Voltage Converter	Helix: The Scientific Explorer	31 Dec. 2019	2277- 3495	DOI 10.29042 /2019-5857- 5862	eSCI (WoS)
4	Arpitsingh Sandhu, Dr.Vinay Barhate, Sudarshan Khond	Transmission Line Fault Analysis Using Artificial Neural Network	Helix: The Scientific Explorer	31 Dec. 2019	2277- 3495	DOI 10.29042 /2019-5904- 5909	eSCI (WoS)
5	Yasir Sheikh, Sudarshan Khond, Dr. M. M. Renge	Interfacing of PV Array with AC Grid using Twelve Pulse Converter	Helix: The Scientific Explorer	31 Dec. 2019	2277- 3495	DOI 10.29042 /2019-5884- 5888	SCI (WoS)



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)
6	Manisha Gaikwad, Manjusha Palandurkar	Comparison of DC-DC Converter Topologies for Electric Vehicular Application	Helix: The Scientific Explorer	31 Dec. 2019	2277- 3495	DOI 10.29042 /2019-5879- 5883	SCI (WoS)
7	S.D. Naik, Anurag Shrivastava, Yogesh Awadhiya	Use of FACTS Devices for Improvement of Voltage Profile in Power System	Helix: The Scientific Explorer	31 Dec. 2019	2277- 3495	DOI 10.29042 /2019-5874- 5878	SCI (WoS)
8	S. R. Gaigowal, M. M. Renge, Sandeep Bhongade, R. S. Khonde	Investigating Optimal Location of DSSC to Minimize Reactive Power Generation	Helix: The Scientific Explorer	31 Dec. 2019	2277- 3495	DOI 10.29042 /2019-5863- 5867	SCI (WoS)
9	Archana S. Talhar, Sanjay B. Bodkhe, Apurva Ambade, Laxmankumar S. Belge	Overview of Existing Electricity Tariff Structure & Residential Load Pattern in Maharashtra: A Case Study	Helix: The Scientific Explorer	31 Dec. 2019	2277- 3495	DOI 10.29042/ 2019-5841- 5846	SCI (WoS)
10	Vijaya Huchche, Prachi Salodkar, Pratik Manusmare	Reactive Power Compensation of the Grid Connected PV System	Helix: The Scientific Explorer	31 Dec. 2019	2277- 3495	DOI 10.29042 /2019-5836- 5840	SCI (WoS)



SN	Name of the Authors Preeti V.	Title of the Paper Comparative	Name of the Journal/ Conference/ Book Helix: The	Date of Conference/Publication	ISSN/ ISBN	DOI, vol., Iss., pp	SCI/ Scopus/ ICI / Other (index) SCI (WoS)
	Kapoor, Mohan M. Renge, Sonali Rangari	Analysis of Power Loss using Different Modulation Techniques in Modular Multilevel Converter	Scientific Explorer	2019	3495	/2019-5831- 5835	
12	Saurabh Chaurasia, Vikram Chandora, Abhishek Tripathi, U.B. Mujumdar, Jayant Joshi	Development of Micro Phasor Measurement Unit (μ-PMU) to Facilitate Synchrophor Learning at Undergraduate Level	Helix: The Scientific Explorer	31 Dec. 2019	2277- 3495	DOI 10.29042 /2019-5826- 5830	SCI (WoS)
13	Sonali Rangari, Gunwanti Shende, Preeti Kapoor	Modelling and Speed Control of Permanent Magnet Brushless DC Motor using PID	Helix: The Scientific Explorer	31 Dec. 2019	2277- 3495	DOI 10.29042 /2019-5821- 5825	SCI (WoS)
14	Dr. Vinay Barhate, Parikshit Bangade, Dr. Sangita Deshmukh, Sudarshan Khond	Discrimination of Inrush and Fault Currents in Protection of Transformer using ANN-DWT Technique	Helix: The Scientific Explorer	31 Dec. 2019	2277- 3495	DOI 10.29042 /2019-5806- 5812	SCI (WoS)



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)
15	Prachi S. Hatwar, Alok Ranjan, Akshay D. Kadu, Pankaj R. Sawarkar, Sanjay B. Bodkhe, Vinay T. Barhate	Hybrid Energy Storage System for Electric Vehicle	Helix: The Scientific Explorer	31 Dec. 2019	2277- 3495	DOI 10.29042 /2019-5801- 5805	SCI (WoS)
16	Damini Shingne, Gaurav Goyal	Comparative Analysis of Inverter Topology to Drive Four AC Loads	Helix: The Scientific Explorer	31 Dec. 2019	2277- 3495	DOI 10.29042 /2019-5790- 5794	SCI (WoS)
17	Manjusha Palandurkar, Manisha Gaikwad, Mohan Renge	Fast Energy Exchange between Fixed Supercapacitor and On-board Supercapacitor	Helix: The Scientific Explorer	31 Dec. 2019	2277- 3495	DOI 10.29042 /2019-5784- 5789	SCI (WoS)

STTP/FDP/other Training Attended by Faculty

S.	Name of	STTP/FDP/	Duration/	Organizers of the event
N.	Faculty	Training Attended	Date	
1	Dr. M. V. Palandurkar	Accreditation and Outcome Based Learning		Twelve week NPTEL AICTE FDP organised by IIT Madras

Departmental Activities

Alumni Meet Report

The alumni meet was held on 21 December 2019. Around 30 alumni of 94 batch visited to Electrical Department. During visit they have interacted with the faculty members and students of second, third and final year. Prof. Salodkar and Prof. Goyal have arranged the interactive session with our alumni of 1994 batch with second year, third year and final year students on 21.12.2019 at 2.00 pm in Electrical Department.

The alumni Mr. Gopal Kortana, Mr. Sachin Talewar

and Mr. Amit Dixit guided the students on motivational aspects and how to move ahead step by step to overcome the challenges in carrier development. The overall session was very interactive. The session was ended with felicitation of the alumni by our honourable Head of Department Prof V. T. Barhate.

Mr. Sachin Talewar, Mr. Gopal Kortana and Mr. Amit Dixit interacting with students.









Interaction of alumni with students and faculty members



Conference, STTP and Guest Lectures organized in Department

S.N.	Conference/STTP/ Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
1	International Conference on Power Electronics, Drives, Energy and Power System.	Dr. B. G. Fernandes Professor & Head (EE) IIT Bombay, Shri Udayan Pathak, Dy. General Manager Tata Motors Ltd. Pune	Two Day	23rd and 24th December 2019
2	Aptitude Development	Mr. Kushal Lakhani, Electrical Alumni 2007 batch	One day workshop for Third Year students	07th December 2019
3	How to Prepare for GATE	Mr. Llyod, ICE Nagpur	Guest Lecture for Second Year students	09th December 2019
4	TECHNO QUIZ - 19	Electrical Engineering Students' Association (EESA) in collaboration with ICE, Nagpur	A Technical Quiz competition for second year students	09th December 2019

"International Conference on Power Electronics, Drives, Energy and Power System" on 23rd and 24th December 2019

An International Conference on Power Electronics, Drives, Energy & Power System (PEDEPS 2019) was organized by the department of Electrical Engineering on 23rd and 24th December 2019. It was largely attended by dignitaries from RCOEM, other colleges, industry, press, faculty members, authors, delegates and students. The inaugural function, scheduled on 23rd December was presided over by Shri Chandrakantbhai Thakar, Vice-Chairman RCOEM. Other dignitaries on the dais were Shri Govindlal Agarwal, General Secretary RCOEM, Shri Rajendra Purohit, Secretary RCOEM, Dr. B. G. Fernandes Professor & Head (EE) IIT Bombay, Shri Udayan Pathak, Dy. General Manager Tata Motors Ltd. Pune, Dr. R. S. Pande Principal RCOEM, Dr. V. T. Barhate General Chair PEDEPS-2019 & HoD(EE) RCOEM and Dr. S. B.

Bodkhe Conference Chair at PEDEPS 2019. The Institution of Engineers (I) Nagpur Local Centre was the knowledge partner and Helix-The Scientific Explorer was the publishing partner.

The inaugural function was compered by Dr. Gaurav Goyal and Dr. Preeti Kapoor. Introductory Remarks were given by Dr V.T.Barhate followed by Principal's remark by Dr. Rajesh Pande and finally Hon'ble Shri Chandrakantbai Thaker delivered a Presidential address which inspired one and all present in the Audience including Research Scholars who got a trigger of future scope in Energy sector.

Inaugural function was followed by Keynote speeches by Dr. Fernandes and Shri Pathak. In his address, Prof. Fernandes informed about the world

Reflection

class research work being carried out at the National Centre for Photovoltaic Research and Education (NCPRE) IIT Bombay. He appealed the researchers to carry out their research with an objective to apply the developed technology for the benefit of society, particularly the rural population of the country. Shri Pathak delivered an informative talk on the trends leading to the development of electric vehicle across the globe and particularly the progress taking place at Tata Motors. Later, Dr. Fernandes also interacted with participants and students.

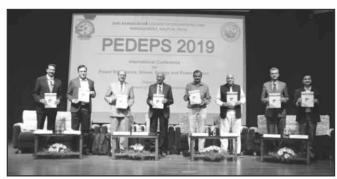
The paper presentation at the conference was scheduled as pre-lunch and post lunch sessions each having two tracks on different specializations of electrical engineering particularly, power electronics, electric drives, energy, power system and IoT applications. Dr. M. V. Aware, Dr. Mrs. M. A. Chaudhari, Dr. P. S. Kulkarni from VNIT, Dr. Nitin Ghawghawe from GCoE, Nagpur, Shri Vineet Kapoor and Shri Syed Husain from Persistent Systems Ltd. Nagpur were the track chairpersons. The tracks were co-chaired by Dr. U. B. Mujumdar, Dr. Mrs. M. V. Palandurkar, Dr. Mrs. Preeti Kapoor, Dr. Mrs. S. H. Deshmukh, Dr. V. A Huchche, Dr.





Mrs. S. C. Rangari, Dr. G. N. Goyal and Dr. Piyush Khadke. The conference also had an on-line presentation facility on Skype which was availed by three authors from different places outside Nagpur. Best paper award was given to the winning authors from each track. Before final selection, research papers submitted by the authors were checked for similarity content using plagiarism software and peer-review by experts in that area of specialization. Selected papers were submitted to the Web of Science and ESCI indexed international journal Helix-The Scientific Explorer for publication.

The first day of the conference also witnessed a demonstration of industry products on electrical vehicle charging system and electric drives. It also had a cultural evening and banquet dinner hosted for the delegates, authors and organizers. Undergraduate students form EE department showcased their stage talent and performance. The valedictory function on the second day was prominently attended by Dr. S. G. Tarnekar Former Professor and Head (EE), VNIT, Nagpur, Research scholars and Department faculties.





Reflection





A One day workshop was organised by Department of Electrical Engineering and EESA on "Aptitude Development" for Third Year students on 07th December 2019. The workshop was conducted by Mr. Kushal Lakhani, Electrical Alumni 2007 batch. It was an interactive workshop under which students learned the concept of Aptitude solving. This will be very helpful for placements. The faculty coordinators were Dr. P.M. Khadke, Prof. P.R. Sawarkar and Dr. G.N. Goyal.





A Guest Lecture was organised by Department of Electrical Engineering and EESA on "How to Prepare for GATE" for Second Year students on 09th December 2019. The workshop was conducted by Mr. Llyod, ICE Nagpur. It was an helpful session for students under which they learned the basics of examination pattern of GATE. This will be very helpful for career guidance. The faculty coordinators were Dr. P.M. Khadke, Prof. P.R. Sawarkar and Dr. G.N. Goyal.





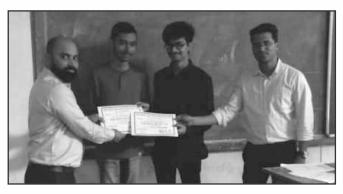


A Technical Quiz competition "TECHNO QUIZ - 19" was organised for second year students on 09th December 2019 by Electrical Engineering Students' Association (EESA) in collaboration



Mr. Ankit Kumar and Mr. Harsh Banayat

with ICE, Nagpur. Mr. Ankit Kumar and Mr. Harsh Banayat secured First prize and Mr. Sahil Singh and Mr. Shovik Dey secured second prize out of 54 students.



Mr. Sahil Singh and Mr. Shovik Dey

Students' Corner Toppers List (Combined list of two shifts) if applicable

S.N.	S.N. Second Year		Third Year	Third Year		Fourth year	
	Name	CGPA	Name	CGPA	Name	CGPA	
1	Shouvik Sambit Dey	9.87	Kalyani Vasantrao Lande	10	Akhilesh Chandrakant Payaskar	9.8	
2	Siddhi Anilsingh Chauhan	9.62	Gayatri Ravindra Tagalpallewar	9.68	Rohan Sunil Shrivastava	9.55	
3	Ashwesh Bharat Alone	9.22	Pushpendra Deepnarayan Malviya	9.22	Vignesh Venkatraman Iyer	9.44	

Student Achievements

S.N.	Name of Student	Event	Achievement	Date
1	Mr. Ankit Kumar and Mr. Harsh Banayat students of second year	Technical Quiz competition "TECHNO QUIZ - 19"	First prize	09th December 2019
2	Mr. Sahil Singh and Mr. Shovik Dey students of second year	Technical Quiz competition "TECHNO QUIZ - 19"	Second prize	09th December 2019
3	Sudarshan Khonde, Yasir Sheikh, Students of IV Sem MTech (PEPS)	International Conference on Power Electronics, Drives, Energy and Power System.	Best Paper Award in Drives track	23rd December 2019
4	Saurabh Chaurasia, Vikram Chandora, Abhishek Tripathi, students of Final year BE	International Conference on Power Electronics, Drives, Energy and Power System.	Best Paper Awardin Power System track	24th December 2019



Faculty Achievements

- 1. **Dr. T. G. Arora** Received travel grant of Rs. 1,13,587/ from University Grant Commission (UGC) for presenting paper in IEEE International Conference on Industrial Electronics and Applications (ICIEA-2017) held in Siem Reap, Cambodia.
- 2. **Dr. Uday B. Mujumdar** has successfully completed the consultancy of "Development of MODBUS compliant controller and monitor for conveyor line motors" for ANIX Electronics, Nagpur. The total cost of consultancy work is Rs.88,500/-.
- 3. **Dr. V. T. Barhate** and **Prof. Pankaj Sawarkarhave** published Patent Title: Construction of variable voltage & variable frequency alternating voltage from DC using series connected ultra-Capacitor.
- 4. **Dr. M. V. Palandurkar** and **Dr. Prachi Salodkar** has completed the 2 days training program on ISO 9001:2015 QMS Internal Auditor conducted at RCOEM Nagpur on 29th & 30th November 2019.

Department of Electronics Engineering

Faculty Corner - Faculty Ph.D. Awarded

S.N.	Name of Faculty	Title of Thesis	Place of Research
1	Prof. (Mrs.) Gauri Morankar	Novel Asynchronous Circuit Design for Wireless Sensor Node	R.T.M Nagpur University Nagpur
2	Prof. Sneha Singh	Fusion of Multimodal Neurological Images	IIT Roorkee

Awards received by Faculty of department

- 1. **Dr. Suresh Balpande** secured 3rd rank All Over India in NPTEL Online Assessment on 12 weeks Faculty Development Program on Sensor and Actuators offered by IISC, Bangalore.
- 2. **Dr. Suresh Balpande** was member of Reviewing Committee "International Conference on Emerging Technology in Electrical and Electronics Engineering (ICETEEE-2020)IFERP, Jaipur, India.
- 3. **Dr. Suresh Balpande** filed a copyright on "Low Cost Fabrication of Vibration Exciting System for characterization of Energy Harvester"

Guest Lectures taken by faculty

S.N.	Name of	Topic of Guest Lecture		Organizers of
	Faculty		Guest Lecture	Guest Lecture
1	Prof. Sharmik Admane	Elements of SoC Design with ARM Cortex-M0	07 Dec 2019	Department of Electronics & Telecommunication YCCE, Nagpur
2	Dr. Suresh Balpande	MEMS sensors for defence applications during Induction Training Programme	11 Dec 2019	JWM Ordanance Factory Institute of Learning, Ambajhari, Nagpur



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	Gurushree Dindorkar, Vishal Rathee, Dr. Suresh Balpande, Dr. Jayu Kalambe	Detection of Mercury in Water using Filter Paper Based Channel and Colorimetric- Android Readout	International Journal of Engineering and Advanced Technology (IJEAT)	December, 2019	ISSN: 2249– 8958	Volume-9, Issue-2	Scopus
2	Pooja Sonde Sanjay Balamwar, Dr. Rohini S. Ochawar	Urban sprawl detection and analysis using unsupervised classification of high resolution image data of Jawaharlal Nehru Port Trust area in India	ELESEVIER, Remote Sensing Applications: Society and Environment	19 December 2019	ISBN 2352- 9385	Volume 17 Jan 2020	Scopus 1.09

STTP/FDP/other Training Attended by Faculty

S.N.	Name of Faculty	STTP/FDP/Training Attended	Duration/ Date	Organizers of the event
1	Prof. Sharmik Admane	Machine Learning for Engineering and Science Applications	July-Oct 2019	Swayam-NPTEL Online Certification IIT Madras
2	Dr. Pankaj Joshi	FDP course on Synthesis of Digital Systems	July –Oct 2019	NPTEL –AICTE (funded by Ministry of HRD Govt. of India)
3	Dr. Suresh Balpande	12 weeks FDP on Sensors and actuators	July to Nov 2019	IISC, Bangalore NPTEL forum
4	Prof. A. R. Tiwari	FDP on "Avanced Antenna pattern synthesis and beamforming with computational intelligence"	12-17 November 2019	NIT, Warangal Meity Govt. of India



STTP/FDP/other Training Attended by Faculty

S.N.	Name of Faculty	STTP/FDP/Training Attended	Duration/ Date	Organizers of the event
5	Dr. Kanchan Dhote	FDP on "Avanced Antenna pattern synthesis and beam forming with computational intelligence"	12-17 November 2019	NIT, Warangal Meity Govt. of India
6	Vishal Rathee	FDP on VLSI Chip Design Hands- on using open source EDA	16-20 December 2019	Electronics & ICT Academy, MeitY, Govt. of India.
7 8 9 10 11 12 13	Dr. Jayu Kalambe Dr. G. Morankar Dr.S. Balpande Prof. Vishal Rathi Prof. Prachi Rane Prof. Lokesh Heda Dr. Kanchan Dhote	FDP on VLSI Chip Design Hands- on using Open Source EDA	16 - 20 December 2019	MeitY Govt. of India Jointly organized by: Electronics & ICT Academies at- IIT Guwahati, IIITDM Jabalpur, MNIT Jaipur, NIT Patna, IIT Roorkee and NIT Warangal.

Departmental Activities

Conference, STTP and Guest Lectures organized in Department

S.N.	Conference / STTP/ Guest Lecture Organized	Speaker with Affiliation	Duration	Date
1	Guest Lecture on Physical Design	Mr. Saurabh Joshi, Xilinx India Pvt. Ltd,Hyderabad	One Day	07 Oct 2019
2	FDP on "VLSI Chip Design Hands-on Using Open Source EDA"	Kunal Ghosh, Director and Co-Founder, VLSI System Design(VSD) Corp. Pvt. Ltd	One Week	16-20 Dec 2019
3	Guest Lecture on Image Processing and Applications	Dr. Vikram Gadre, Professor Department of Electrical Engineering, IIT Bombay, Powai	One Day	21 Dec 2019



FDP on "-VLSI Chip Design Hands-on using Open source EDA"



Guest Lecture on "Physical Design" by Mr. Saurabh Joshi, Xilinx Indi Pvt. Ltd., Hyderabad

Patents Filed

Sr. No.	Name of Author	Designation of Inventor	Title of the Patent
1	Dr.A.A.Khurshid	Professor and Head	Maintenance Free Water Flow And Level Patent numbered-201921041470
2	Sandeep Pandey	Assistant Professor	System And Method Of Inductor-Less Impedance Matching Network And Its Connection Topology For Maximum Power Transfer In Piezoelectric Energy Harvesting Using Current Conveyor Patent numbered- 201921041465
3	Sharmik Admane	Assistant Professor	Cam Operated In-Pipe Robot (CIPR) For Inspection And Cleaning, Patent numbered 201921029140
4	Dr. N.P. Narkhede	AssociateProfessor	Fabrication of Extended voltage symmetric super capacitor device and method for fabricating same. Patent numbered- 201921021273



Students' Corner One week technical workshop ENTRIX 12.0

A one week technical workshop for Second year students ENTRIX 12.0 was conducted at Electronics Engineering department from 14th December 2019 to 21st December 2019. The inaugural function was held on 13th December 2019. Mr. Amjad Khan, Management Consultant & EX-GM HR CEAT LIMITED, was the Chief Guest for the inaugural function. Dr. S. D. Mohagaokar, Dean Second Shift, RCOEM presided over the function. Dr. (Mrs.) A.A. Khurshid, HOD, Prof. Vishal Rathee and Prof.Snehal Laddha-Convenor ENTRIX 12.0; Mr. Shivam Deshmukh- ENTRIX 12.0 Head and Mr. Pratik Pandey-Technical Coordinator ENTRIX 12.0 were prominently present on the dais.

Mr. Pratik Pandey, technical coordinator briefed the audience about the details of various sessions to be conducted in the week long workshop. He also highlighted the changes in the current workshop as compared to the past years related to newly introduced topics i.e., IOT and Project Implementations. Dr. (Mrs.) A. A. Khurshid, Head of the department in her address emphasized the importance of ENTRIX and encouraged the students to get actively involved and get benefitted from the workshop.

This workshop is conducted by the senior students for the second year students of E-branches and supported by alumni too and is a unique example of collaborative learning.

Dr.S.D.Mohagaokar in his Presidential address praised Electronics Engineering department for arranging such kind of events which is organized "for the students and by the students". He also laid the importance of technical education and advised students to grab this golden opportunity of learning the fundamentals & participate in the technological revolution. Chief Guest Mr. Amjad Khan explained



Entrix 12.0 Inauguration – Release of Workshop Booklet

the importance of organizing such events for the students. He was very happy that Electrolitz student society is successfully continuing the legacy for the past 11 years. Souvenir of ENTRIX 12.0 was also released in the inaugural function while Mr. Shivam Deshmukh proposed the vote of thanks.

The workshop included different learning modules such as Basic and Advanced Electronics, MATLAB, LABVIEW, ORCAD, Eagle & Proteus, Embedded System Design, Internet of Things and Mechatronics. About 90 students from Electronics, Electronics and Communication and Electronic Design Technology Departments participated in this workshop. Teaching committee comprising of Final and Third year students of Electronics Department taught and conducted hands-on sessions for second year participants on the above modules for the first five days of the workshop. The last two days were reserved for project implementation where the participants developed different projects based on the topics learnt in the workshop under the supervision of their mentors.

The valedictory function of ENTRIX 12.0 was held on 21st December 2019 which was presided over by Dr. R. S. Ochawar, Incharge, Head of the Department, Electronics Engineering. In the feedback session of the valedictory function, the participants praised the efforts taken by the organizers and wished that this type of workshop should continue to be held every year.



Innovative Trackman Alerting System and TVU Census Systemgiven to Central Railway, Nagpur

Indian railways have one of the world's largest networks of technologies and infrastructure. To achieve safety of the people is a paramount challenge. Facing such technology challenges is a dream of every aspiring engineer, pure passion-to change the world through innovations. RCOEM students never cease to surprise the society with their most ingenious inventions

S.N.	Name of Project	Students	Mentors
1	Trackman Alerting System	Siddhesh S. Jagtap, Amey P. Dahikar, Vinay A. Kewte, Aditya S. Chikte	Prof. Bhalchandra Hardas
2	TVU Census of particular LC gate	Adesh Khandekar, Adesh Singalwar, Rishabh Mishra, Nirav Jain	Prof. Vishal Rathee

Trackman Alerting System: - According to Indian Railways 768 track maintainers were run over by trains between 2012 and 2017. Besides that, trackmen have to carry heavy equipment while doing the patrolling. Trackmen are the foot soldiers of the Indian Railways. Keeping the vision of saving their lives these students came up with a matchbox sized IOT device which can be easily strapped around the arm of a trackman and the transmitter can be set up on the train having a range of 1km (approx). This wireless alarming system can save 400 lives /year. This device is 4 bit encoded to prevent the trackman from false signal. Receiver unit can also identify the track from which the train is approaching and beeps accordingly. This portable and handy device has a in-built battery which can last for 10-15 days continuously with a charging facility as well. Frugality and resourcefulness have ensured that this product costs only INR 3333/- This product was successfully tested on near Diamond Crossing on Delhi Line at Nagpur.

TVU Census System:- The TVU Census System is a software which would help in counting the TVU Census of particular LC gate. This solution was practically planted to the LC gate No. 120 of Manish Nagar Nagpur and found success in TVU calculation. The software is able to detect, classify

and count the number of vehicles and gives the TVU Census.

DRM Nagpur Central Railway Shri Somesh Kumar has given opportunity to justify and offer a solution for resolving these two of their problem statements. For these innovative solutions given to central Railway recently the students and faculty members were felicitated by Shri Sanjeev Mittal, General Manager, Central Railway, Mumbai. DRM Somesh Kumar, ADRM Shri Jay Singh, Sr. DSO Shri Arvind Dabhade and other officers of Central railway were prominently present.

Former ADRM, Nirmal Kumar Bhandari and Sr. Divisional Safety officer Arvind Dabhade gave all technical support for the same. Management of RCOEM, Principal Dr Rajesh Pande, and Head of the Department Dr A. A. Khurshid and faculty members congratulated the team for this success. The local print media also took cognizance of the student efforts.







Toppers List

M.Tech VLSI Design

S.N.	First Year	Second Year
1	Angel Thomas	Priyanka Pande
	(CGPA 9.61)	(CGPA 9.56)

Student Achievements

S.N.	Name of	Event	Achievement
	Student		
1	Mr. Shahnawaz	M. Tech	Gold Medal
	Khan	VLSI	
	(CGPA 9.77)	Design	
		2018-19	

Students in Higher Studies

S.N.	Name of Student	Place of Higher Studies
1	Ms. Anagha Nimbekar	IIT Hyderabad
2	Ms. Prasannata Bhange	IIT Hyderabad

Department of Electronics Engineering is promoting the use of Free and Open Source tools among the students to enable learning. The project promotes the use of the tools like Scilabs, Python, eSim, Open FOAM, OR-Tools, DWSIM, R, OpenModelica to improve the quality of education and research.

SN	Semester	Course	Students Enrolled	Students Passed	Pass Percentage
1		С	166	155	93.37
2	III	CPP	159	144	90.57
3		Scilab	206	190	92.23
4		CPP	145	119	82.07
5	V	С	159	138	86.79
6		Python	192	181	94.27
7	VII	Advanced CPP	138	127	92.03
8	V 11	Python	98	77	78.57



Alumni Activity

Alumni Meet of 2003 Batch and Silver Jubilee Alumni Meet of 1994 batch was organized under Conclave on 21st Dec 2019. Alumni Interaction took place with faculty of the department. Areas of cooperation like Industry Interaction, Research, and Students Mentoring were discussed and alumni agreed to lend the necessary help in this regard.



Silver Jubliee Alumni Meet 1994 Batch

STTP/FDP/other Training Attended by Technical Staff

S.N.	Name of Faculty	STTP/FDP/Training Attended	Duration/ Date	Organizers of the event
1	Shravan Tiwari		Jul - Oct 2019 12 Week	Swayam-NPTEL Online Certification, IISc Bangalore

Department of Electronics and Communication Engineering Faculty Corner

Guest Lectures taken by faculty

S.N.	Name of Faculty	Topic of Guest Lecture	Date of Guest Lecture	Organizers of Guest Lecture
1	Dr.S.B. Pokle	"Wireless Sensor Parameter Estimation"		ISTE Approved STTP on Artificial Intelligence and Its Applications in Science and Engineering, at P.I.E.T. Nagpur

STTP/FDP/other Training Attended by Faculty

S.N.	Name of Faculty	STTP/FDP/Training Attended	Duration/ Date	Organizers of the event
1	Dr.S.B. Pokle Dr. Bhumika Neole	Training program on ISO 9001:2015 QMS Internal Auditor	2 days (29-30 Nov.2019)	RCOEM Nagpur
2 3 4 5 6	Dr. Pradip Selokar Dr. Deepak Khushlani Prof.Divya Shriwastav Dr. Bhumika Neole Prof. Ankita Harkare	FDP on "VLSI chip design hands-on using open source EDA"	One weak 16-20 December 2019	Department of Electronics Engineering, RCOEM, Nagpur



Patent Published/Filed

S.N.	Title of Patent	Name of Faculty	Published / Filed	Application Number of Patent
1	MEMS based Vibration Sensor for	Prof. Ankita Harkare	Published	Application No: 201821010193
2	Voice Controlled IoT based plug and play split smart holder	Prof. Suvarna K. Gosavi	Published	Application No: 201821006225
3	Sensor Based Automatic Fault Detection System	Prof. Nishant Borkar	Published	Application No: 201921020645
4	Establishing Wireless Connection between Electrical Control Panels and Remote Devices to Control Electrical Appliances	Dr. Sanjay Pokle	Published	Application No: 201921021281
5	Generation of Electricity by using pressure energy of the railway track	Prof. Vipul Lande	Published	Application No: 201921021248
6	Detection and Prevention of LPG Gas Leakage Device using Solenoid Valve in Household Applications	Dr. Rajesh Raut and Dr. Bhumika Neole	Published	Application No: 201921021270
7	Design of module for automatic component selector system	Dr. Mridula Korde	Published	Application No: 201921023261
8	A non-destructive method for detection of adulterants in specific food products present in an intelligent grocery bag' and various utilities of such bag	Dr. Dipak Dahigaonkar	Published	Application No: 201921023277
9	Digital bone ridge mapping instrument for surgical assessment in oral surgery	Dr. Dipak Dahigaonkar and Prof. Vipul Lande	Filed	
10	A Novel low cost fuel theft detection and prevention system	Dr. Rajesh Raut and Prof. Sampada Apte	Filed	

Copyrights

S.N.	Title of Copyright	Name of Faculty	In Process / Published	Application Number of Copyright	
1	Microwave Junction	Dr. J. D. Kene	Published	L-85727/2019	
2	Radar System	Dr. J. D. Kene	Published	L-85728/2019	
3	Architecture of SPLD,	Prof. Prasheel	Published	L-85733/2019	
	CPLD and FPGA	Thakre			



Others:

- **Dr. S. B. Pokle** appointed and worked as Moderator for M. Tech. 1ST Sem. Electronics (Autonomous under Technical University of Maharashtra) at J.D. College of Engineering and Management Nagpur, on 26th Nov 2019.
- Dr. S.B. Pokle appointed as a member of Local Enquiry Committee by RTM Nagpur University to inspect G.H. Raisoni Institute of Engineering and Technology, Hingna MIDC, Nagpur, on 14-12-2019.
- Prof. Suvarna K. Gosavi, successfully Completed NPTEL Online Certification Course in Joy of Computing using Python, conducted by Indian Institute of Technology (IIT) Madras from July to October 2019 funded by Ministry of HRD, Govt. of India.

Departmental Activities

 The Electronics and Communication department had applied for reaccreditation. The NBA committee visited the department on 13-15th September 2019 for the accreditation. The department re-accredited for three year (2019-2022).

Conference, STTP and Guest Lectures organized in Department

S. N.	Conference/ STTP/ Guest Lecture organised	(with	Duration	Date
1	Guest Lecture on "Broadband antennas and Monopulse tracking"	Dr. Hemant Kumar Juneja	One day	29th Nov. 2019

Students' Corner

Student Achievements

Mr. Yuvraj Gupta and Mr Partho Ghosh of 7th semester EC are doing the project under the mentorship of Dr. D.J. Dahigaonkar. They received MSME project with RGSTC TIFAC grant of Rs. 2.14 L for the project titled 'IoT based Battery Monitoring System and Prediction of Remaining Useful Life (RUL) of Battery'. The project has been selected by committee of RGSTC-TIFAC-MSME Internship Program (2019-20) for Phase-II, under the chairmanship of Padma Vibhushan Dr Anil Kakodkar on 23rd November 2019.

Department of Electronics Design Technology

FACULTY CORNER

NPTEL courses successfully completed:

S.N.	Name of the Faculty	Course Name	Duration	Organized by / Sponsoring agency
1	Dr. Vivek Khetade	Hardware Modeling using Verilog	Aug-Oct2019 (8 week course) FDP	Indian Institute of Technology Kharagpur
2	Dr. Deepali Kotambkar	Digital Signal Processing	July-Oct 2019 (12 week course)	Indian Institute of Technology Madras
3	Prof. Jitendra Zalke	Nanotechnology Science and Applications	July-Sep 2019 (8 Week course)	FDPIndian Institute of Technology Madras
4	Prof. Jitendra Zalke	Sensors and Actuators	July-Oct 2019 (12 week course)	FDPIndian Institute of Technology Madras



NPTEL courses successfully completed:

S.N.	Name of the Faculty	Course Name	Duration	Organized by / Sponsoring agency
5	Prof. Anju Gupta	Fundamentals of Micro and Nanofabrication	July-Oct 2019 (12 week course)	FDPIndian Institute of Science Bangalore
6	Prof. Ruchir Nandanwar	Data Science for Engineers	July-Sep 2019 (8 week course)	FDP Indian Institute of Technology Madras
7	Prof. Ruchir Nandanwar	Data Base Management System	July-Sep 2019 (8 week course)	Indian Institute of Technology Kharagpur

Copyright:

S.N.	Name of the faculty	Topic	Registration Number	Date of Application
1	Dr. Deepali Kotambkar	Introduction to digital signal processing	L-86517/2019	23/10/2019

FDP attended:

S.N.	Name of the faculty	Title of program	Organized by	Date / Duration
1	Dr. J.A.Shrawankar	Two days training program on	RCOEM,	29-30/11/2019
2	Prof. Jitendra Zalke	ISO 9001: 2015 QMS Internal Auditor	Nagpur	
3	Dr. Vivek Khetade	One week faculty Development	Electronics and	16-20/12/ 2019
4	Prof. Anju Gupta	Programme on "VLSI Chip Design	ICT Academies,	
		Hands-on using open source EDA"	IIT Guwahati	

Publications:

 Prof. Jitendra Zalke has authored the Lesson (Question Bank) on LPC2148 Microcontroller: I2C Interfacing, for e-yantra a project by MHRD Govt of India, run by IIT Bombay, Dated: 23/12/2019.

STUDENTS ACHIEVEMENTS: NPTEL courses successfully completed:

• Swarn Zargar, 6th semester student has successfully completed NPTEL online certification course of IIT Kanpur (8 weeks Jul-Nov 2019) on "Developing Soft Shills and Parsonality" with F



Skills and Personality" with Elite gold grade and 5% topper in this course.

He has also successfully completed NPTEL

- online certification course of IIT Madras (4 weeks Jul-Nov 2019) on "Python for Data Science" with **Elite grade.**
- **B.Aishwarya**, 4thsemester student has successfully completed NPTEL online certification course during Jul-Nov 2019 on IIT Ropar "The Joy of Computing using Python" with **Elite+Silver grade**.
- **Dhanashri Mundada,** 6th semester student has successfully completed NPTEL online certification course of IIT Madras (12 week Jul-Oct 2019) on "Discrete Mathematics" with **Elite grade.**



- Sarthak Srivastava, 4thsemester student has successfully completed NPTEL online certification course of IIT Ropar during Jul-Nov 2019 on "The Joy of Computing using Python" with Elite grade.
- Sakshi Padole, 6th semester student has successfully completed NPTEL online certification course on IIT madras "Patent Law for Engineers and Scientists" during Jul-Nov 2019.

Other Achievements:

 Atharva Pande and Prathamesh Marpakwar students from 8th semester have secured 1st position in Project competition (RoboRace) at Yashwantrao Chavan College of engineering, Nagpur during 15-20/8/2019.

- Rishi Manojkumar Khare, 4th semester student successfully completed the short term course on "Modelling and Simulation using Solid works" at Indian Institute of Technology, Kharagpur during 4th 21st/6/2019.
- Bhumika Mundada, 6th semester student successfully participated in 36 hrs. technical Hackathon organized by Smart Bridge in collaboration with IBM at Smart Bridge, Hyderabad during 17th -19th/06/2019.
- Manveen Oberoi, 6th semester student successfully completed 2 weeks course on Wireless Sensor Network under Center of Excellence of Commbedded System at VNIT Nagpur during 15th June-1stJuly, 2019.

Placement:

Following final year students of the EDT department have been placed in campus recruitment drive till December, 2019. Some students have the offers for more than one company as indicated in the table below.

S.N.	Full Name	Company1	Company2	Company3
1	Aakansha Bhaskar Chanda	Accenture ASE	L&T Infotech L1	
2	Anjali Shishir Kanjilal	L&T Infotech L1		
3	Atharva Sandeep Pande	Accenture ASE		
4	Dinesh Kumar Fandan	Accenture ASE		
5	Gagan Bhagwanji Chandak	Tata Consultancy Services		
6	Jaisurya Vemulakonda	Capgemini	IBM	
7	Kaustubh Ananta Belsare	IBM		
8	Pallavi Jagdish Shende	Accenture ASE		
9	Prathamesh Marpakwar	Accenture ASE	Radiant Appliances & Electronics Pvt.Ltd.	
10	Rohit R. Bherwani	Accenture ASE	Principal Global Investors LLC	Infosys Limited
11	Sakshi Shashikant Taran	L&T Infotech		
12	Shraddha R. Rekhate	Capgemini		



S.N.	Full Name	Company1	Company2	Company3
13	Shweta Tukaram Ingole	L&T Infotech		
14	Simran Chawla	Accenture ASE		
15	Suraj Raju Dhenge	Tata Consultancy Services		
16	Vaibhavi Pradeep Barad	Accenture ASE	L&T Infotech L1	Tata Consultancy Services
17	Akshay Sawalkar	Birlasoft		
18	Gaurav Subhash Chachada	Birlasoft		
19	Himanshu Gunde	Chegg India		
20	Manthan Talegaonkar	Chegg India		
21	Vedika Vyas	Infosys Tech. Ltd.		
22	Piyush Umathe	Radiant Appliances & Electronics Pvt. Ltd.		

Toppers List:

Academic toppers in winter 2019 examination are:

Sr. No.	Second Year	Third Year	Fourth year
1	B. Aishwarya Pravat Kumar Barik (9.67)	Anjali Anil Kulthe (9.15)	Rohit Ramchandra Bherwani (9.34)
2	Aditi Sanjeev Agrawal (8.2)	Shraddha Sanjay Gaware (8.54)	Suraj Raju Dhenge (8.88)
3	Ayushi Arvind Pedulwar (8.09)	Priyanka Dhanraj Parate (8.38)	Akshay Rajesh Sawalkar (8.49)

Guest Lectures Organized

"Department of EN and EDT jointly organized a guest lecture by Dr. V.M.Gadre, Professor, Department of Electrical Engineering, IIT Bombay, on "Basics of Digital Signal Processing and Applications" on 21/12/2019. During the session he answered all the queries of students about basic understanding and recent applications of DSP. Dr. (Mrs.) Deepali Kotambkar has coordinated the event.



Dr. V.M. Gadre addressing the queries of students during session



Alumni Interaction

Grand Alumni Meet of 2003 batch & felicitation of 1994 (Silver Jubilee Batch) - Conclave 2019 was held in college on 21st December 2019. Twenty two alumni of EDT 94 batch visited department on this occasion. They had an interactive session with the students. During the discussion current final year students got an opportunity to freely interact with them. They also encouraged the students to come up with various ideas and not just accomplish but participate in the academics to be successful. Mr. Vikram Labhe, Mr. Sameer Buche, Mr. Chetan



Dr. P. N. Kondekar, Ex HOD of EDT department sharing his experience

Hiramath and Ms.Sitalaxmi Tanry shared their experience and stressed upon the need to bridge the gap between education system and practical aspects of industry and asked students to focus on their technical skills. They impelled the students to expand their horizon and never to restrict themselves to the academics. They also encouraged the students to create a brand for themselves. On this occasion Dr. P. N. Kondekar, Professor Electronics & Communications Engineering, IIIT Jabalpur and Ex HOD have also visited the department and shared his worldwide experience with the alumni, students and faculty members.



Silver Jubilee Batch alumni with the current final year student

Department of Industrial Engineering

Faculty Corner

Awards and Recognition received by Faculty of department

- Prof. Himanshu Shukla reviewed papers in International Conference on power Electronics, Drives, Energy and Power systems (PEDEPS-2019) on 23rd and 24th December 2019
- organized by RCOEM, Nagpur.
- Prof. Sachin Pund received Best Paper Award for presenting his paper "Evaluation and optimization of route networking using AHP" at International conference on Innovation in engineering sciences, Management and Technology 2019 organized by SBJITMR, Nagpur.



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	Prof. Himanshu Shukla and Prof. Mangesh Joshi	Mathematical modelling and simulation of sawmill operations with a view to improve occupational health and productivity	XXIII Annual International Conference of the Society of operations Managment, 2019 at IIT Kanpur	19-21 December 2019			
2	Prof. Mangesh Joshi and Prof. Himanshu Shukla	Systematic study of ergonomic risky assessment in roof stick manufacturing of bus body	XXIII Annual International Conference of the Society of operations Managment, 2019 at IIT Kanpur	19-21 December 2019			
3	Dr. Yogesh Deshpande	A review on cooling systems Used in Machining processes	Materials Today Proceedings	26th November 2019	ISSN: 2214- 7853		Scopus
4	Prof. Sachin Pund	Evaluation and optimization of route networking using AHP	International conference on Innovation in engineering sciences, Management and Technology 2019 organized by SBJITMR, Nagpur	12th and 13th December 2019			



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)
5	Prof. Mangesh Joshi and Prof. Himanshu Shukla	Comparative Study of ergonomic risk assessment in engine stripping	XXIII Annual International Conference of the Society of operations Management, 2019 at IIT Kanpur	19-21 December 2019			

STTP/FDP/other Training Attended by Faculty

S.N.	Name of Faculty	STTP/FDP/Training Attended	Duration/ Date	Organizers of the event
1	Prof. G. S. Shetiya	Finance to MSMEs in ZED certification Scheme	18.10.2019	Ministry of Micro, Small and Medium Enterprise, Govt. Of India
2	Prof. G. S. Shetiya	SME conference	15 and 16th Nov. 2019	VED, Nagpur
3	Dr. Rashmi Shahu	Cyber addiction control and security workshop	3rd Dec. 2019	Dainik Bhaskar, Nagpur
4	Dr. Pravin Tambe	Smart Manufacturing	11th Dec. 2019	IIT Indore



Departmental Activities

WAD Winter 2019

The 31st Edition of Workshop on Aptitude Development (WAD), a seven-days workshop was inaugurated with exuberance at Shri Ramdeobaba College of Engineering & Management, Nagpur on 23rd December, 2019. Mr. Kirit Joshi, Co-Founder of Spacewood, India's leading premium brand and manufacturer of Modular Furniture and an alumni of VNIT Nagpur, was the chief guest of the inauguration function.



Dr. S.D. Mohgaonkar, Dean- Second Shift, RCOEM and Dr. Rashmi Shahu, Convenor of WAD were present on the dais

Over 210 delegates from various colleges across Vidarbha have participated in the Workshop. Dr. Rashmi Shahu, Convenor of WAD, in her opening remark said that the aim of such an endeavour was to explore the latent potential in each of the participant and help them to reach the highest altitude. She stated that WAD is a platform which gives one space to let yourself out. Dr. S.D. Mohgaonkar, Dean-Second Shift, RCOEM, said that times are changing, and so is the pace of changing world. He also said that WAD is a Workshop delegated for nurturing culture of discipline and character building.

The Chief Guest Mr. Kirit Joshi in his address to the delegates said that he wanted to be a part of the youth, calling it a wonderful age. He talked of the



journey of his company, Spacewood Furnitures from rags to riches when his company started with an initial investment of 1 lakh Rs. and is now the second largest furniture company in India. He also said that it is not only important to be successful but the speed of success has also become critical. Next 25 years will be full of opportunities when India has largest upwardly moving society, he mentioned. He gave a few learnings from his journey, which included qualities of being humble, focused, courageous and having faith in oneself. He advised the delegates not to compromise on one's value system. He concluded by saying that, "Success is to be renewed every year. It is never permanent." He ensured WAD's success and gave best wishes to all the delegates and organisers.

Students' Corner Student Achievements

- 129 students of Industrial engineering have successfully given FOSS Spoken Tutorial Test
- 14 students of VIII Semester Industrial engineering have joined Industries like Bajaj Auto (Pune), Solar Explosives (Nagpur), Morio steels(Indore), TAL(Nagpur),TCS (Pune) and Climber (Bengaluru) for their Industry Internship.
- 38 offers have been received to Final year Industrial engineering students in following companies.



S.N.	Name of Company	Number of Offers
1	Accenture	14
2	Chegg India	7
3	TCS	6
4	Climber	4
5	Varroc	4
6	L& T Infotech	3

S.N.	Name of Student	Event	Achievement	Date
1	Mukesh Thakur	One act play, mime, skit at 35th Central Zone youth festival organized by Jiwaji university Gwalior	Second prize	21st December 2019
2	Hardik Bhatia	Inter College table tennis	Third position	November 2019
3	Suman Choudhary	Presented paper at 5th International Conference on Industrial Engineering (ICIE 2019) during December 12-14, 2019, SVNIT Surat on "Overall Equipment Effectiveness in an Electrode Manufacturing company"	Participated	12-14th December 2019
4	Anushri Misal	Presented paper at 5th International Conference on Industrial Engineering (ICIE 2019) during December 12-14, 2019, SVNIT Surat	Participated	12-14th December 2019
5	Palash Deshpande	Inter college Basket Ball	Participated	October 2019
6	Vasihnavi Soni	Inter college Football	Participated	December 2019
7	Shashank Deshmukh	Successfully passed NPTEL course on Soft Skills and Personality Development	ELITE Certificate	November 2019
8	Kanav Agrawal	Successfully passed NPTEL course on E-business	ELITE Certificate	November 2019



S.N.	Name of Student	Event	Achievement	Date
9	Saurabh Hurkat	Successfully passed NPTEL course on Soft Skills and Personality Development	ELITE certificate	November 2019
10	Varun Khadelwal	Successfully passed NPTEL course on Soft Skills and Personality Development	ELITE certificate	November 2019
11	Tanmay Wasu	Successfully completed C and C++ Mooc course of IIT Mumbai	Attended	December 2019
12	Ayush Bisani	Successfully completed C and C++ Mooc course of IIT Mumbai	Attended	December 2019
13	Ayuman Sheikh	Successfully completed C and C++ Mooc course of IIT Mumbai	Attended	December 2019
14	Ayush Agrawal	Successfully completed C and C++ Mooc course of IIT Mumbai	Attended	December 2019
15	Neusy Jain	Mood Indgo Cultural fest, IIT Mumbai	Participated	24 to 30th Dec. 2019
16	Indra Gupta	Workshop on Tally by Diksha Computer Institute Nagpur	Attended	20 to 31st October 2019
17	Indra Gupta	Drawing exam by Bengal Bangiyad Parshad	Cleared	25th October 2019

Students in Higher Studies

S.No.	Name of Student	Name of Exam	Score
1	Leena Naidu	GRE	313/340
2	Rachita Naidu	GRE	312/340
3	Leena Naidu	IELTS	8/9 bands
4	Rachita Naidu	IELTS	8/9 bands

Department of Information Technology

Faculty Corner Guest Lectures taken by faculty

Sr.	Name of	Topic of	Date of	Organizers of
No.	Faculty	Guest Lecture	Guest Lecture	Guest Lecture
1	Prof. Purshottam J. Assudani	Amazon Web Services		Computer Technology Department, YCCE, Nagpur



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	Ashish Chandak	A Review of Load Balancing in Fog Computing	18th International Conference on Information Technology	19-21 December 2019			IEEE Explore

STTP/FDP/other Training Attended by Faculty

S.N.	Name of Faculty	STTP/FDP/Training Attended	Duration/ Date	Organizers of the event
1	Dr. D. S. Adane	NPTEL Course on The Joy of Computing using Python	July-October 2019	IIT Madras
2	Dr. P. D. Adane	NPTEL course on Operating System Fundamentals	July-October 2019	IIT Kharagpur
3	Dr. P. D. Adane	Workshop on "Information Security and Cryptography"	9th - 13th December 2019	CSE Department, VNIT, Nagpur
4	Prof. R. K. Kadu Prof. P. J. Assudani Prof. R. H. Joshi Prof. A. K. Karare	AICTE Sponsored FDP on "Computational Linguistics: Techniques and Applications"	2nd - 14th December 2019	IT Department, RCOEM, Nagpur

Departmental Activities

Parents Meet, Alumni Meet and Departmental Installations or Events

Department organized an AICTE sponsored Two weeks faculty Development Program on "Computational Linguistics: Techniques and Applications" from 2-14 Dec, 2019. The event was coordinated by Dr. Madhuri A. Tayal. The main objective of the program was to update the skills of faculties/ researchers in advance domains of Computational Linguistics with techniques and applications.



Conference, STTP and Guest Lectures organized in Department

S.N.	Conference/STTP/Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
1	Guest Lecture on "Soft Skills expected by IT Industry"	Mr. Sarang Devekar, Head, Financial Services, Tieto, Pune	Two hours	23-12-2019
2	Guest Lecture on "Future Internet Technologies"	Dr. Aniket Pingle, Mathworks, Bangalore	Two hours	14-12-2019

Students' Corner

Toppers List (Combined list of two shifts) if applicable

Sr.No.	Second Year	Third Year	Fourth year
1	S Bhavana (9.7)	Shivam Ashok Vishwakarma (9.93)	Rucha Madhusudan Shende (9.62)
2	Swarali Sunil Gogulwar (9.15)	Sanidhya Sanchit Pawar (9.66)	Bharat Sunil Makhija (9.33)
3	Anshul Manishkumar Agrawal (8.99)	Rohit Rajesh Channe (9.51)	Chitra Harish Dangra (9.3)

STUDENTS' ACCOMPLISHMENTS

S.No.	Date of event	Name of Course	Name of Students	Details of Activity
1	24/12/2019	Introduction to Cyber Attacks	Amit Goyal	Course authorized by New York University Tandon School of Engineering and offered through Coursera
2	14/12/2019	Introduction to Cybersecurity Tools and Cyber Attacks	Amit Goyal	Course authorized by IBM and offered through Coursera
3	28/12/2019	Introduction to Cybersecurity Roles, Processes and Operating System Security	Amit Goyal	Course authorized by IBM and offered through Coursera



STUDENTS' ACCOMPLISHMENTS

S.No.	Date of event	Name of Course	Name of Students	Details of Activity
4	30/12/2019	Cybersecurity Compliance Framework and System Administration	Amit Goyal	Course authorized by IBM and offered through Coursera
5	5 July-October An Introduction to programming through C++		Abhishek Verma	NPTEL Online Certification
6	August-October 2019	Developing Soft Skills and Personality	Bipasha Das	NPTEL Online Certification

BEYOND ACADEMICS

- Prof. P. J. Assudani has delivered a two days workshop on Amazon Web Services for students of Computer Technology Department at YCCE, Nagpur from 23-24 December 2019.
- 94.20% of 2019-20 Batch eligible IT students got placed through campus drive till 17th January 2020.
- Top IT companies like ZS Associates, Informatica, Mu-Sigma, Accenture, Capgemini, Infosys, L&T Infotech, TCS, Cybage, Climber, Hexaware, IBM, Jade Global, Mphasis, Birlasoft, Coznizant and Persistent selected 65 students from the Department.
- The placement details of department for the session 2019-20 are as follows:

Sr. No.	Company Name	No. of Offers			
1	ZS Associates	3			
2	Mu Sigma	10			
3	Accenture (ASE)	36			
4	Capgemini	22			
5	Persistent	5			
6	Infosys (Hack with Infy)	2			
7	Accenture FSE	6			
8	L&T Infotech	23			
9	TCS Ninja	14			
10	Cybage	2			
11	Climber	1			
12	Hexaware	1			
13	IBM	2			
14	Jade Global	3			
15	Mphasis	2			
16	Informatica	1			
17	BirlaSoft	1			
18	Cognizant	1			
	Total Number of Offers 135				



Department of Mechanical Engineering

Faculty Corner

- A patent titled 'Productivity Enhancement of conventional solar still using convex lenses' (Application No.: 201821022333) filed by Dr. Sandeep Joshi and M.Tech (HPE) student Mr. M. Naved has been published in Indian Patent Journal (51/2019) on 20/12/2019
- 2. Dr P. S. Deole filed a copyright titled "Determination of Tool Condition in Boring Machine using Acoustic Emissions"
- 3. Dr P. S. Deole was invited as a "Reviewer of Research Papers" for the International Conference on Advances in Mechanical Engineering (ICAME- 2020) organised by Visvesvaraya National Institute of Technology, Nagpur in Dec 2019.

Guest Lectures taken by faculty

Sr. No.	Name of Faculty	Topic of Guest Lecture	Date of Guest Lecture	Organizers of Guest Lecture
1	Dr. V.V. Shukla	International Society on Automation	03rd Oct 2019	See-Tech Solution, IT Park Nagpur
2	Prof. M.G. Trivedi	International Society on Automation	03rd Oct 2019	See-Tech Solution, IT Park Nagpur

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	Dr. Sandeep Joshi	Heat Transfer Performance of Twisted Elliptical Tubes Using Al2O3 -Water Nanofluid	25th National and 3rd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTC -2019)	28-31, December 2019			
2	Mohan G. Trivedi	An IoT framework for Agricultural Application : Case Study	International Engineering Journal for Research and Development	29th to 01st December 2019	2349- 0721	Vol 4, Issue 7	



STTP/FDP/other Training Attended by Faculty

S.N.	Name of Faculty	STTP/FDP/Training Attended	Duration/ Date	Organizers of the event
1	Prof S A Patil	FDP/ NPTEL course	8 weeks	IIT ROORKEE, Swayam NPTEL
2	Prof. B. C. Bissa	FDP on Hands on Training at BMW Motors	One day	BMW, Nagpur

Departmental Activities

Industrial Visits:

- i. Prof M G Trivedi organised Industry visit to "Lemken Agro Pvt Ltd, Butibori, MIDC, Nagpur and Foamplast, Butibori, MIDC, Nagpur" for Fifth Semester Mechanical Engineering Students and First Semester M.Tech students on 20th September 2019. Dr A K Jha, Dr S S Joshi and Dr P S Deole were also present during the visit.
- ii. Prof M G Trivedi organised Industry visit to "Heat treat Well, Garuda Sanyantra Nirmeetee and Kinetic Gears, Hingna MIDC, Nagpur" for Third Semester Mechanical Engineering Students and First Semester M.Tech students on11th October 2019. Dr M M Gupta, Dr V V Shukla and Prof N P Gudadhe were also present during the visit.
- Yantra Pooja was organised on the occasion of Dashera in Metallurgy Lab of Mechanical Engineering Department on 7th October 2019. All the faculty members were present during the holy ritual.
- 2. Dr V Shukla organised a demonstration session on "Arctec 3D Scanner, A reverse Engineering Disruptive Technology" being delivered by Mr Sreedharan and Mr Rahul from Altem Technologies, Pune in Mechanical conference Room on 16th October 2019.
- 3. Dr. A. K. Jha organised farewell function for Dr. A. M. Andhare on 31st October 2019.
- 4. Dr. A. K. Jha organised farewell function for Prof. S. A. Giri on 21st December 2019.

Students' Corner

Toppers List (Combined list of two shifts) if applicable

Sr.No.	Second Year	Third Year	Fourth year	
1	Gaurav Mohan Wadibhasme	Anshul Vijay Satokar	Vinayak Rajesh Sood	
2	Mohit Nitin Kothekar	Shrayesth Deepak Gupta	Naval Dadarao Rajas	
3	Bijo Babu Daniel	Khushal Radheshyam Chopkar	Chinmay Atul Andhare	



Student Achievements

S.No.	Name of Students	Event	Achievement	Date
1	Chinmay Andhare	GRE EXAMINATION	GRE Score : 326	December 2019
2	Shikhar Chakravorty Vinayak Sood	TIFEC-MSME Project	Selected for Level two in National Level TIFAC scheme with monthly stipend December 2019	December 2019
3	Naval Rajas Shivrai Kulkarni	TIFEC-MSME Project	Selected for Level two in National Level TIFAC scheme	December 2019
4	Pranjali Thete (2016) M. Tech	Full Time Ph.D.	Full Time Ph.D. at RCOEM, Nagpur	December 2019
5	Mr. Mubbashir Naved (2017) M. Tech	Full Time Ph.D.	Full Time Ph.D. at NEERI	December 2019
6	Mr. Mubbashir Naved (2017) M. Tech	Full Time Ph.D.	Full Time Ph.D. at NEERI	December 2019
7	Swati Mor (2018) M. Tech	Full Time Ph.D.	Full Time Ph.D. at Amity University, Noida	December 2019
8	Miss Aboli Pingale M. Tech.	4th Int Conference on Sustainable Energy and Environmental Challenges, at CSIR, NEERI	Poster Competition	27th November 2019
9	Miss. Yamini Tembhekar M. Tech	4th Int Conference on Sustainable Energy and Environmental Challenges, at CSIR, NEERI	Poster Competition	27th November 2019
10	Mr Ashutosh Kalinkar (2016)	Placed at FIAT CHRYLSER Automobiles	\$ 77000	9TH December 2019



Department of Chemistry

Faculty Corner

Ph. D. Awarded to Research Scholar from Department

Mr. Dattatrya Bajarang Bharati, was awarded Ph.D. in faculty of Science and Technology in a subject Chemistry. His topic of research was, "Synthesis,

Characterization and Application of Nano Materials as a Catalyst for Organic Reaction", under the guidance of Dr. A. V. Bharati.

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	Dr. S. Meshram and Dr. A. V. Bharati	Solvent free esterification of carboxylic acid by using hydrogen peroxide as a co-catalyst	National Conference On Innovative Research in Science and Technology, NCIRST-2019	17th and 18th of December 2019	NCIRST- ISSN- 2349- 5162	CS-135, PP-87	

STTP/FDP/other Training Attended by Faculty

S.N.	Name of Faculty	STTP/FDP/Training Attended	Duration/ Date	Organizers of the event
1	Dr. A. V. Bharati	FDP on- Introduction to environmental engineering and Science -fundamental and sustainability concepts	July- Oct 12 weeks	NPTEL- AICTE
2	Dr. S. Meshram	FDP on Analytical Chemistry	July- Oct 12 weeks	NPTEL- AICTE
3	Dr. S. Butoliya	FDP on- Introduction to environmental engineering and Science -fundamental and sustainability concepts	July- Oct 12 weeks	NPTEL- AICTE
4	Dr. P. A. Mangrulkar	ISO 9001:2015 Internal auditors Training	29-30th November	RCOEM



Departmental Activities

Conference, STTP and Guest Lectures organized in Department

S.N.	Conference/STTP/ Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
1		S. Lokhande, CSIR-National	11:00 TO	23 Dec 2019
	"Noise Pollution"	Environmental Engineering	1:00PM (2h)	
		Research Institute		

Any other activity(s)

- 1. Dr. A. V. Bharati has been elected as Chairperson for Indian Analytical Scientist, Nagpur Local Chapter.
- 2. Dr. C. P. Pandhurnekar has been elected as a Secretary for Indian Analytical Scientist, Nagpur Local Chapter.
- 3. Dr. S. S. Butoliya has been elected as an Executive member for Indian Analytical Scientist, Nagpur Local Chapter.

Department of Humanities

Faculty Corner

Faculty Ph.D. Awarded

Ms. Akanksha Deshpande was notified to be awarded PhD degree in Psychology on 28th November 2019, in the faculty of Humanities. The topic of thesis was "Relationship of Internet Addiction with Emotional Intelligence and Locus of Control in College Students.

Guest Lectures taken by faculty

Sr. No.	Name of Faculty	Topic of Guest Lecture	Date of Guest Lecture	Organizers of Guest Lecture
1	Dr. Vinod H. Asudani	Eco Criticism	12th October 2019	UGC HRD Center RTM Nagpur University
2	Dr. Vinod H. Asudani	On the occasion of World Disability Day	3rd December 2019	RTM Nagpur University

STTP/FDP/other Training Attended by Faculty

S.N.	Name of Faculty	STTP/FDP/ Training Attended	Duration/ Date	Organizers of the event
1	Dr. Monika R. Seth	ISO Training	02 Days (29th & 30th Nov. 2019)	Shreyas Quality Management System and RCOEM
2	Dr. Monika R. Seth	FDP on Soft Skills	10 days (July-Oct 2019)	NPTEL-AICTE



Department of Physical Education and NSS activities

Faculty:

- Dr. Amrita Pande (Asst. Prof) hosted the RTMNU Sports & Cultural Annual Award Ceremony on 5th October at Gurunanak Bhavan, Nagpur.
- Dr. Amrita Pande (Asst. Prof.) hosted the RTMNU Inter Collegiate Athletics Championship on 14th October.
- Dr. Amrita Pande (Asst. Prof.) hosted the Inter School State Level Sepak Takraw Championship Closing Ceremony on 17th October at Divisional Sports Complex, Mankapur.

Departmental Activity

Games	Date	MEN		WOMEN			Total	
		Winner	Runner UP	III Place	Winner	Runner UP	III Place	Participation
Basketball	9-12 Dec	CSE	IND	MECH	-	ı	-	82
Cricket	9-12 Dec	-	-	-	EN	CSE	MCA	89
Football	16-19 Dec	EC	MECH	EN	-	-	-	108
Volleyball	16-19 Dec	-	-	_	EN	CIVIL	EP	58

Inter-Branch Sports Cup: The Department of Physical Education Organizes various tournaments of different games, which offers students an opportunity to play their favourite game/sport on both a competitive and recreational level. The final Position of various Games/Sports organized during the July-September duration is as follows:

Total 337 students participated in the Inter Branch Sports Cup events. RTM Nagpur University Inter-Collegiate Tournaments (Participation & Accomplishments):



Inter-branch Volleyball



Inter-Branch Basketball





S.N.	Game	Venue	Dates	Number of students	Position
1	Archery	Shivaji Stadium, Bhandara	28-29 November	01	Participation
2	Athletics (M)	Athletics (M) Cinder Track, RDB Laxminarayan Campus, RTMN University athletics Ground, Nagpur.		11	Bronze Medal in 4x100 mts
3	Athletics (W)	Cinder Track, RDB Laxminarayan Campus, RTMN University athletics Ground, Nagpur	14-17 October	07	Participation
4	Badminton(M)	Taiwade College, Koradi, Nagpur	17-20 October	04	Participation
5	Badminton(M)	Taiwade College, Koradi, Nagpur	09-12 October	03	II Position
6	Baseball (M)	Nasikrao Tirpude College of Physical Education	11-13 December	01	Selection Trials
7	Chess (M)	VMV College	17-19 October	06	Champions
8	Chess (W)	VMV College	17-19 October	04	Champions
9	Cricket (M)	Taiwade College, Koradi	5-12 December	16	Participation
10	Football (M)	NTCPE, Near Sadar Police station	21-24 November	16	III Position
11	Football (W)	RTMN University Playground. Nagpur	06-09 December	14	Participation
12	Hockey (M)	Jyotiba College of Physical Education, Hingna Nagpur.	03-05 October	01	Selection Trials
13	Shooting (M)	Ace Shooting Club, Jaripatka. Nagpur	03-05 October	01	Participation
14	Table Tennis(M)	Hislop College, Civil Lines. Nagpur	10-12 October	05	III Position
15	Table Tennis(W)	Hislop College, Civil Lines. Nagpur	17-19 October	05	Champion
16	Volleyball (M)	RTM Nagpur university Playground	12-16 October	11	Participation



Volleyball



Football



Athletics



Volleyball



Badminton





Chess



Table- Tennis



Chess

Total 102 students represented RCOEM and participated in the RTMNU Inter Collegiate Tournaments.



University Representation: This year, 15 students from the college represented RTM Nagpur University team to participate in various games to various universities.

Sr. No.	Name	Branch/Year	Game
1	Siddha Deshmukh	CSU/II	Basketball
2	Sneha Tembhare	ENU/II	Basketball
3	Shruti Kela	ECU/III	Basketball
4	Naman Vij	MAM/II	Basketball
5	Shubham Singh	Civil/III	Basketball
6	Ameya Shrivastava	Civil/I	Chess
7	Chitrana Nerkar	EN/III	Chess
8	Gautami Thakre	Mech/III	Chess
9	Shiwam Thakur	EN/ IV	Hockey
10	Rohan Singh	Civil/III	Water Polo
11	Nishil Bante	MBA/I	Archery
12	Samruddhi Khamgaonkar	EC/ IV	Table Tennis
13	Vaibhav Singh Thakur	MEU/IV	Football
14	Shruti Daharwal	EN/IV	Cricket
15	Purva Anasane	EN/IV	LawnTennis

NSS Activities

Mega Blood Donation Camp: The NSS Unit of RCOEM organised Mega Blood Donation Camp in the main auditorium in collaboration with Dr. Hedgewar Blood Bank Nagpur. Mr. Ashok Patki, Secretary of Hedgewar Blood Bank and their entire team were felicitated by Dr. R.S.Pande, Principal, RCOEM for their valuable contribution in the field of Blood Donation activities. Mr. Sanjay Kargutkar, (AO), Dr. Amit Anurag, NSS Program Officer and other faculties and staff were also present on this occasion. The camp received a huge support. It received a count of more than 350 who willed to donate the blood while 278 could donate the blood, includes faculty, staff and students.

More than 50 NSS volunteers contributed to make this camp successful. During blood donation process, donor was completely examined first. It was ensured that the individual was completely fit for donation. Their weight, haemoglobin, blood pressure and blood group were checked. Any previous and genetic illness was also examined. Only the one who were completely fit were allowed to donate their blood.





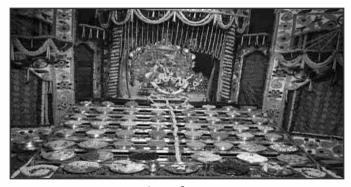




ANNAKOOT: NSS Unit under the guidance of Shri Ramdeobaba Sarvajanik Samiti celebrated the festival of Annakoot on 7th Nov 2019 in the college. On this occasion, 300 NSS volunteers along with the faculties and staffs of the college served MAHA-PRASAD to the crowd of around 10,000 ardent devotees. They ensured that no one should go without having the prasadi, thus making the event a grand success.







Annakoot

Stationery Donation Drive: A stationary collection drive was held in college for one week from 2nd October to 9th October of 2019. For this, donation boxes were kept at different locations including IT square, boy's hostel, MBA parking, electrical parking, etc in RCOEM college campus. For this all the students, teachers and non-teaching staff were made aware of that. Everyone donated the reusable stationary or unused stationary for those who were actually in need. The stationary was donated to an orphanage Shri Nath Vanvasi Kanya Chatravaas, Anjangao, Surji. Children were very happy to receive various things, like drawing books, pen, pencil, and all other stationary items. 62 NSS volunteers helped in gathering stationery from students and teachers of the college. 7 students along with Prof.Deshkar did the distribution of the stationery.



Shri Nath Vanvasi Kanya Chatravaas, Anjangao, Surji



Shri Nath Vanvasi Kanya Chatravaas, Anjangao, Surji



Shri Nath Vanvasi Kanya Chatravaas, Anjangao, Surji

Participation at RTMNU NSS Activities:

- ·Nayan Karwa (CIV III) and Navin Rathi (CSE III) participated in the 150th Birth Anniversary of Mahatma Gandhi on 2nd October 2019 from Samvidhan Chowk to Admin block, RTMN University, Nagpur.
- ·Nayan Karwa and Navin Rathi participated in the Samvidhan Ralley on 26th November 2019 which started from Aakashwani Chowk to University Campus, Maharajbag Road, Nagpur.
- ·Rohit Baheti (CIV III) and Nayan Karwa participated in the Road Safety Rally on 30 November 2019 at RTO Office, Giripeth, Nagpur.





Department of Computer Application Faculty Corner

Awards received by Faculty of department

Prof. Yoginee Pethe scored 87% in NPTEL Online certification course for Database Management system held on Sep 29th 2019. She was also topper for the course as her name was listed in 5% topper list.

Publications

SN	Name of the Authors	Title of the Paper	Name of the Journal/Conference/Book	Date of Conference/ Publication	ISSN/I SBN		SCI/ Scopus /ICI / Other (index)
1	Satyajit S. Uparkar, Dr. Sunita N. Dhote	Students Perception on Digital Banking	International Conference on Innovation in Engineering Sciences, Management and Technology -2019	12 th -13 th December	978-93- 89107- 65-4	97	In process for Scopus Publication
2	Satyajit S.Uparkar, Sharda S. Chawre, Ruchita S. Rehpade, Nidhi R. Jha	Nagpur Metro Construction Project using CPM and PERT	International Conference on Innovation in Engineering Sciences, Management and Technology -2019	12 th -13 th December	978-93- 89107- 65-4	98	In process for UGC Journal publication
3	Satyajit S.Uparkar, Aarti J. Sahu, Bharat M.Chhabriya, Kavita S. Ballav	Cost & Time Calculation of Metro Project using Crashing Method		12 th -13 th December	978-93- 89107- 65-4	99	In process for UGC Journal publication

STTP/FDP/other Training Attended by Faculty

S No.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1.	Prof. Punam Khandar	FDP-Joy of Computing using Python	12 weeks (online)	NPTEL
2.	Prof.Manda Ukey	Two weeks AICTE sponsored FDP on "computational Linguistics: Techniques and applications"	2 nd to 14 th December 2019	Department of Information Technology, RCOEM.
3.	Dr. Pravin Karmore	FDP-Joy of Computing using Python	12 weeks (online)	NPTEL
4.	Gunjan V. Keswani	Two Weeks AICTE sponsored FDP on "Computational Linguistics: Techniques and Applications"	2 nd Dec. to 14 th Dec. 2019.	Department of Information Technology, RCOEM
5.	Gunjan V. Keswani	NPTEL-AICTE FDP on "Python for Data Science"	Aug-Sep 2019 (Exam held on 16 th Nov and Certification received on 20 th Dec)	IIT Madras and AICTE



5	S No.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
	6.	Prof. Yoginee Pethe	ISO 9001:2015 QMS Internal Auditor Training attended	29 th and 30 th Nov 2019	RCOEM, Nagpur.
	7.	Prof. Punam Khandar ISO 9001:2015 QMS Internal Auditor Training attended		29 th and 30 th Nov 2019	RCOEM, Nagpur.

Students' Corner

Toppers List(Combined list of two shifts) if applicable

Sr. No.	First Year	Second Year	Third Year
1.	Dipesh Kaushlendra Mishra(9.89)	Snehal Avinash Sontakke (9.52)	Aditya Sachchidanand Chaturvedi (9.31)
2.	Aman Santosh Agrawal (9.74)	Deepak kumar Kamlesh Karn (9.41)	Ajinkya Purushottam Kapse (9.24)
3.	Ayush Sunil Gawai (9.63)	Shradha Manak Soni(9.28)	Ankita Antaram Kurzekar(9.16)

Department of Management Technology

Faculty Corner

Guest Lectures taken by faculty

Sr. No.	Name of Faculty	Topic of Guest Lecture	Date of Guest Lecture	Organizers of Guest Lecture
1.	Dr. Vishal Mehta	Lessons from Screen	19 th October 2019	MOIL, Nagpur
2.	Dr. Vishal Mehta	Leadership	13 th November 2019	MOIL, Balaghat
3.	Dr. Vandana Gandhi	Santulan	13 th November 2019	MOIL, Balaghat

STTP/FDP/other Training Attended by Faculty

Sr. No.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1.	CA Prashant Chhajer	Financial Derivatives	12 Weeks	NPTEL
2.	Dr. Vishal Mehta	and Risk Management		
3.	Dr. Vandana Gandhi			



Departmental Activities STTP organized in Department

Sr. No.	Conference/STTP/Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
1.	A training program on "Data Analysis and Presentation using Spreadsheet" for the employees of MOIL.	CA Prashant Chhajer, Dr. Vishal Mehta. Dr. Vandana Gandhi, RCOEM	2 Days	6 th and 7 th December 2019

Placements at DMT-RCOEM

T&P Cell DMT RCOEM commenced the Final Placement process for its 2018-20 batch with new corporate partners associating with the Department and regular recruiters reinstating their faith in our students. Companies like ITC, Colgate Palmolive, Capgemni, S&P Global, Property Pistol, Adyant Education, Climber, Capgemni, TCS, HCL, Calderys, Bharti Aitel and others have already completed their selection process. till date students have received 98 offers for the various companies. The list of students selected in various companies is as follows-

Students Placed at Various Companies Batch 2019-20 (Till date)

Sr. No.	Name	Organisation	Designation	Specialization	Salary in Lac (Per Annum)
1.	Nagbhushan Bajaj	ITC Limited	Sales Trainee	Marketing	4.3
2.	Shubham Vyas	Climber Knowledge and Career Pvt. Ltd.	Operations Executive	Operations	6.50
3.	Manjury Bhattacharya		Operations	Operations	4.50
4.	Manpreet Multani	and Career Pvt. Ltd.	Executive		
5.	Pragati Vyas				
6.	Bhumika Kapoor				
7.	Bhumika Nagrani				
8.	Ambari Ghosh				
9.	Rupali Mishra				
10.	Shubham Karwa	Property Pistol.com	Asst. Sales Manager	Marketing	7.80
11.	Sumit Baheti				
12.	Roopal Mishra				
13.	Prajakta kinekar				
14.	Yash Jamekar				
15.	Avani Paradkar				
16.	Bhumika Nagrani				
17.	Himanshi Parari				
18.	Satyam Gupta				



Sr. No.	Name	Organisation	Designation	Specialization	Salary in Lac (Per Annum)
19.	Bhumika Kapoor				
20.	Bhavik Narang				
21.	Atharva Awale				
22.	Praveer Sharma				
23.	Suhas attela				
24.	Yash Gotekar				
25.	Ayusha Khandelwal				
26.	Radhika Bajaj				
27.	Ayushi Sharma				
28.	Ashish Bhardwaj				
29.	Mrunal Vichoray				
30.	Mohak Sahu				
31.	Vishal Dhamecha				
32.	Sayali Joshi				
33.	Tanuj Agrawal				

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Sr.no	Functions Conducted	Date	Remarks
1.	Baba ki Duj	30/09/19	Flower Decoration.
2.	Dashmi	08/10/19	Maha arti followed by Prasad distribution
3.	Baba ki Duj	29/10/19	Flower Decoration Bhajan Kirtan by Ramdeo Kirtan Sangam followed by Maha-arti and Prasad.
4.	Dashmi	07/11/19	Decoration by Vrindavan Artists. Chappan Bhog display Maha arti followed by Annakoot Prasad.
5.	Baba ki Duj	28/11/19	Flower Decoration Bhajan Kirtan by Ramdeo Kirtan Sangam followed by Maha-arti and Prasad.
6.	Dashmi	07/12/19	Maha arti followed by Prasad distribution
7.	Baba ki Duj	27/12/19	Flower Decoration Bhajan Kirtan by Ramdeo Kirtan Sangam followed by Maha-arti and Prasad.
8.	Every Tuesday and Saturday		Bhakti Sangeet Sunder-Kand

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Annual Alumni meet of 2003 Batch was organized on Saturday, 21st December 2019 in the evening at RCOEM campus, Nagpur.







REFLECTION NEWSLETTER



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