

REFLECTION NEWSLETTER

of SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT

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LETTER FROM THE EDITOR

Dear Readers,

The fourth quarter of the calendar year saw our College scaling new heights. It started with a book exhibition which was well received by all. The exhibition had participation from reputed and renowned publishers across the country. The quarter witnessed the second Graduation Ceremony of RCOEM. A total of 2621 graduands received their certificates. This quarter also witnessed the Annual Alumni Day 'Conclave 2018'. 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 International 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 deptt 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.

Happy reading !!!

SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT

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RCOEM'S 2ND GRADUATION CEREMONY

RCOEM witnessed its 2nd Graduation Ceremony on campus on Sunday, 21st October 2018. At the ceremony 2621 graduands received their graduation certificate which was watched by a gathering of proud parents, teachers and friends. Chief Minister of Maharashtra Shri Devendra Fadnavis was the Chief Guest of the ceremony. Governor of Tamil Nadu and Chairman of RCOEM, Banwarilal Purohit presided over the function. Dr. Sidharthvinayak Kane, Hon'ble Vice Chancellor of Rashtrasant Tukadoji Maharaj Nagpur University and Padmashree Dr. N. Vedachalam, ISRO Distinguished Professor and member of the RCOEM Academic Advisory Body were the Guests of Honour. Shri Satyanarayan Nuval, Vice Chairman RCOEM, Adv. Chandrakantbhau Thakur, Vice Chairman RCOEM, Shri Govindlal Agrawal General Secretary RCOEM, Dr R.S. Pande, Principal, Shri. GulabraoThakre- Joint Director-

Technical Education, Prof. Dileep Malkhede, AICTE Advisor; Dr. Pramod Yeole, Pro VC RTMNU; Dean Academics, Dr. Sanjay Bodkhe, Dean academics, RCOEM; Chairman Board of Studies, Dr. Narkhade Registrar, Dr. Abhijeet Agashe, Controller of Examination RCOEM were among the august gathering on the ceremonial dais. ShriDevendra Fadnavis in his address stressed the importance of indigenous innovation and also advised the students to involve themselves in activities of societal impact. The graduands were presented silver and gold medals for their academic excellence. Ramdeobaba Medal was also conferred for overall excellence. Ramdeobaba Medal was awarded to Ms. Jainita Sinha of Computer Science and Engineering of 2016-17 batch and Ms. Shrutika Patel of Electrical Engineering of 2017-18 batch.

RCOEM ORGANIZED ALUMNI MEET "CONCLAVE 2018"



Alumni Association of Shri Ramdeobaba College of Engineering & Management (RCOEM) celebrated the Annual Alumni Day – “Conclave 2018” on Saturday, 22nd December 2018. The celebration started in the morning with registration of 1993 (Silver Jubilee Batch) and 2002 Batch. Alumni cherished the memories by felicitating senior and ex-faculty members with memento and token of honour. The Program then progressed with the felicitation of Alumni and sharing of their views and memories. The Program was

summarized with Speech of Gen. Secretary Govindlal Agrawal Sir. Vote of Thanks was delivered by Prof. Kanak Wadhvani. There after all the Alumni were moved to classroom for Conduction of Sample Test and Interaction with Senior Teachers of our college. Later a group photograph was organised at AOT followed by department interaction and lunch. Cultural evening commenced at 6 pm which is organized every year for all the Alumni of the college for their interaction with the Teachers. Alumni's from all batches were invited for the same. The Cultural evening enthralled the audience with the fascinating performances given by the Students of Music & Dance club. The interaction and meet was over followed by delicious dinner.

BOOK EXHIBITION AT SHRI RAMDEOBABA COLLEGE OF ENGINEERING & MANAGEMENT, NAGPUR



(Dr.R.S.Pande, Principal, RCOEM, Nagpur Lighting the lamp inaugurating Book Exhibition)

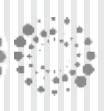


(Principal, Prof. Dr. R. S. Pande and others at the Book Exhibition, RCOEM, Nagpur)

A Book Exhibition was hosted by the College Central Library at Shri Ramdeobaba College of Engineering & Management, Nagpur on 5th October, 2018. The exhibition was formally inaugurated by the Principal, Prof. Dr. Rajesh Pande and was accompanied by Dr. Cynita Christy, Librarian, Prof. S. D. Mohagaonkar (Dean Second Shift), Prof. Dr. S. B. Bodkhe (Dean Academics), Prof. T. K. Rao (Chairman-Library Committee), Prof. Gayatri Band (Member-Library Committee) and the entire Library Staff. Books, Reference Books & Special Books on Engineering, Basic Sciences and Management (Curriculum & beyond curriculum) by renowned publishers like CRC Press, Oxford University Press, S. Chand and many other reputed International publishers were on display. The Hod's, Deans, faculties and many students from various departments in the campus paid a visit to the exhibition. Overall response to the Book Exhibition was very good.



Knowledge Partner



HELIX
The Scientific Explorer



Publication Partner

The 2nd International Conference on Electronic Systems, Signal Processing and Computing Technologies (ICESC- 2018) organized by Department of Electronics Engineering, Shri Ramdeobaba College of Engineering and Management, Nagpur in association with University of the District of Columbia, Washington, DC, USA and Tata Consultancy Services (TCS) & VigyanBharati (VIBHA) as knowledge partner on 7 & 8th December 2018. ICESC-2018 was inaugurated on 7th December 2018 at Chitnavis Centre, Civil lines, Nagpur at the hands of Chief guest Shri. M. V. Dhekane, Former Director, ISRO Inertial Systems Unit "Satish

Dhawan Professor” IIST, Thiruvananthapuram. Mr. Hemchandran S, Deputy Director, ISRO Inertial System Unit, Thiruvananthapuram was Guest of honor. Shri ChandrakantbhaiThakar, Vice Chairman, RCOEM presided over the function, Shri Govindlal Agarwal, General Secretary, RCOEM, Shri RajendraPurohit, Secretary, RCOEM, Dr. R. S. Pande, Principal and General Chair, Dr.(Mrs.) A. A. Khurshid and Dr. (Mrs.) M. A. Hasamnis Conference Chair were prominently present.

- The conference was aimed to make the academic and scientific fraternity indulge in high end research and discuss on the innovative and intelligent design of engineering products, processes, mechanisms and other advanced systems in the field of Engineering and Technology. The conference provided opportunities for the delegates to exchange new ideas and applications, establish research relations and to find global partners for future collaboration. ICESC-2018 included technical paper sessions and invited talks by eminent researchers from around the world.
- The tracks for the Conference are: Communication system and Signal Processing, Intelligent Systems for Smart Computing, Embedded System Design, Analog /Mixed circuits and system, Micro/ Nano system. The acceptance rate of the papers for oral presentation is 42%. All registered and presented papers are published in HELIX International Journal indexed in Web of Science (PISSN –2277-3495)



Image Caption 2 Release of Book of Abstracts of ICESC 2018



Image Caption 3 Shri. M. V. Dhekane Former Director, ISRO Inertial System Unit “SatishDhawan Professor” IIST, Thiruvananthapuram delivering keynote address.



Image Caption 4 Shri Hemachandran S Deputy Director, ISRO Inertial System Unit (IISU), Thiruvananthapuram delivering plenary talk on Space Technology used in Navigation.



Image Caption 5 Dr. Amit Acharyya Associate Professor Department of Electrical Engineering IIT-Hyderabad delivering plenary talk on resource-constrained VLSI systems design e technology.

- Image Caption 6 Jih-Sheng (Jason) Lai, James S. Tucker Chair Professor, Virginia Polytechnic Institute and State University, Virginia, USA delivered plenary session on Future Energy Electronics Center (FEEC)

Best Project award

Dr. Rajesh Pande Principal Investigator and Dr. Deepak Khushalani, Co-Principal Investigator received the Best Project award for medium term project “Fabrication & Characterization of MEMS Cantilever Switch for Power Applications”, under Indian Nano-electronics Users' Program (INUP) an initiative by the Ministry of Electronics and Information Technology (MeitY), Government of India to harness nationwide research and development activities in the realm of nano-electronics. The award was conferred on the basis of research outcomes measured in terms of peer reviewed Science Citation Indexed Journals of Elsevier Sensors & Actuators: A Physical and Microelectronics Engineering along with other publications and Indian Patents (IPR).

- Image Caption 1 Indian Nano-electronics Users' Program (INUP) “Best Project Award 2018” was conferred to the project carried out by RCOEM (IITB). The award was given by Dr. Ramgopal Rao, Director, Indian Institute of Technology Delhi (IITD) at Indian Institute of Technology Bombay (IITB).

ANNAKOOT:

With the Blessing of Shri RAMDEOBABA - Like every year, RCOEM celebrated the Annakoot 2018 with great enthusiasm under co-ordination of NSS Unit. Approximately 300 volunteers participated in the distribution of PRASAD among the believers of Shri Ramdeobaba along with the people from nearby residential areas.

This year Annakoot took place in the RCOEM campus on 18th November, 2018. Large number of volunteers who actively participated and served more than 10,000 devotees. A different level of enthusiasm and excitement was seen amongst the volunteers and the devotees as well. Every year NSS feels proud to have an opportunity to organize such a big event and to contribute to towards mankind.

WAD 2018

The 29th Edition of Workshop on Aptitude Development

(WAD), a seven-days workshop was inaugurated with exuberance at Shri Ramdeobaba College of Engineering and Management, Nagpur on 10th December, 2018. Mr. Mukul Verma, Plant Head, JSW Steel Coated Products Ltd. was the Chief Guest and Dr. Vilas Tambe, a revered anaesthetist from Nagpur was the guest of honor of the inauguration function. Shri Chandrakantbhai Thakar, Vice Chairman of RCOEM, Dr. R. S. Pande, Principal of RCOEM and Dr. Rashmi Shahu, Convenor of WAD were present on the dais. Over 230 delegates from various colleges across Vidharbha participated in the Workshop.

MICON 2018 – Management International Conference on 'Emerging trends in Human Resource Management'

MICON 2018 - Management International Conference on 'Emerging trends in Human Resource Management' was jointly organized by Department of Management Technology (DMT), Shri Ramdeobaba College of Engineering and Management (RCOEM), Confederation of Indian Industry (CII) and University of District of Columbia (UDC), USA on 14th & 15th December, 2018 at Hotel Tuli Imperial. Aim of the two day Conference was to provide a platform to academicians, industrialists and students for knowledge sharing and an opportunity for interacting with the eminent Corporate HR Heads from across India. MICON 2018 was officially inaugurated in the presence of Air Vice Marshal Nikhil Ramesh Chitnis VSM, Air Officer Engineering Services, HQ Maintenance Command, Indian Air Force. The welcome address was given by Mr. Vijay Rawal, Vice Chairman, CII Vidharbha Zonal Council and Director and CFO of Lemken India Agro Equipment Private Limited. AVM N R Chitnis VSM Chief Guest of the Inaugural function, spoke about the role of Human Resource (HR) and its importance in the Air Force. The Keynote address was given by Mr. Ranjan Mishra, Senior Vice President, Human Resource, Vodafone-Idea Limited. The first plenary session was addressed by Mr. Hakimuddin Ali, Chairman, Imerys India, Director Strategy & BD Africa, India & Middle East at Imerys.

Day 1 : Panel Discussion 1 on “Capacity Enhancement in Industry 4.0”

The panelist for the session were

1. ShaileshAwale, Centre Head, HCL, Mihan
2. Ranjit Singh, MD & CEO, Syslogix Technologies Private Limited
3. SatheeshThalapaali, Head-Human Resource, InfoCepts
4. MridulChakravorty, Head – Human Resource, TCS Mihan

The panel was moderated by Dr. AbhijeetAgashe, Associate Professor, DMT, RCOEM

Panel Discussion 2 on “New Frontiers in Industrial Relations”

1. G. V. Jagtap, Sr. Divisional Personnel Officer, Indian Railways
2. Ramesh Patne Former General Secretary LIC Employees' Union
3. RajuGulhane, Assistant Labour Commisioner Nagpur and
4. ShishirGhude, Sr. General Manager - HR, Solar Industries Ltd., Nagpur.

The panel was moderated by Mrs. Alpana Deshpande, VP-HR, Manas Agro Industries and Infrastructure Ltd.

Panel discussion on the topic “Next Generation HR Leadership”

The panelists were:

1. Rajat Kapoor, Founder Director, Ascent Business Solutions
2. Sameer Bendre, Chief People Officer, Persistent Systems Limited
3. UmeshJadhav, Director HR, Calderys India Refractories limited
4. Santosh Dwivedi, DGM Human Resource, Solar Industries India Limited

The panel was moderated by Mr. Vijay Phanshikar,

Editor & Chief, The Hitavada.

MICON 2018 concluded with the valedictory ceremony on 15th December, 2018. The Chief Guest for the Valedictory function was Dr. VinodKhare, Executive Director (Western Region), PowerGrid Corporation of India Ltd. He was felicitated by Shri Satyanarayan Nuwal- Chairman, Solar Group & Vice Chairman, RCOEM.

The opening remarks were given by Mr. Rahul Dixit, CII Vidarbha Zonal Council and Convenor MICON 2018. He said that CII is an organization which is a bridge between Government and Industries. He said that he is a firm believer that HR is one of the key drivers for development of the Organization. Human Resource is a link between employees and the vision of the Organization.

The office bearers of CII Mr. Rahul Dixit and Mr. Abhaya Singh, Head Vidarbha Zone CII were felicitated by Shri SatyanarayanNuwal, Chairman, Solar Group & Vice Chairman, RCOEM. The Conference summary of the two day event was presented by Dr. Rajiv Khaire, Organizing Secretary of MICON 2018.

Dr. VinodKhare Chief Guest of the Function, appreciated the level of deliberations and sessions conducted during the two day conference. Human Resource is an art as it requires skills to structure process based organization. Identification of change and the reasons for resistance to change and its corrective implementation is need of the hour in Human Resource leading to the success of the Organization. He emphasized on the employee development of quadrant of Balanced Scorecard.

The Presidential address was given by Shri Satyanarayan Nuwal. He congratulated the organizers of the conference for bringing Nagpur on international map and appreciated the theme of the conference which was relevant to the dynamic HR scenario. He congratulated RCOEM for joining hands with CII and thereby opening avenues for more Industry Institute Interaction. Employees with special skills will have high attrition and engaging such employees would be the next big challenge to be faced by HR of the organization. To face the competition of today's market, the technological

development of the employees is a need of the hour. The Human Resource will have to address the emotional, intellectual and social needs of the employees. The audience were spell bound and mesmerized with his vision.

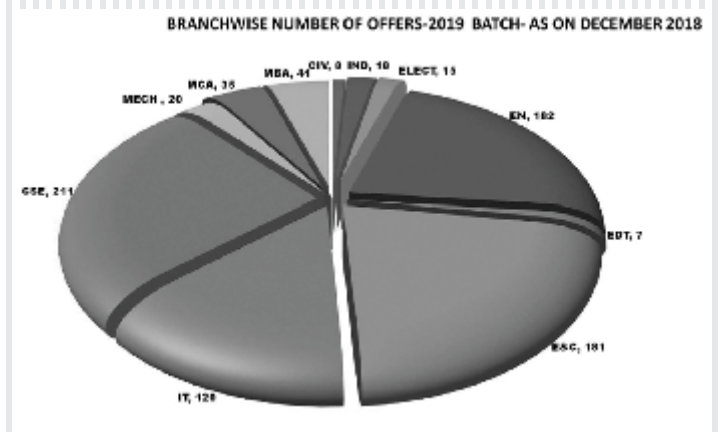
Training and Placement Department

FACE Training for third Year Students, Dated 17th December to 23rd December 2018: "Patience, perseverance and practice essentially ensures growth, glory and gratitude". With this vision the Training and Placement Cell organized a seven day training sessions for the pre-final year students. The training comprised of many crucial topics of Aptitude Development, English Competency and Non-Verbal Aptitude etc. Trainings like these give a boost to the overall preparation of the students well in advance of the placement season. Moreover, the training is succeeded by the mock Aptitude Tests which will impart online test experience similar to the actual Aptitude Rounds of the companies. Many of the Topic-wise Online Tests were also undertaken by the students which also was very helpful for the students. The sessions were designed with a view that the students would be oriented about various levels of questions for every topic. Physical notes and books (which were already provided to the students) helped the students with the updated question sets, sample solutions and formulae sheets which ultimately can be used for further references. The daily training sessions were organized smoothly and maximum number of the students benefitted from this training.

Infocepts Orientation Sessions for Aspiring Pre-final Year and Final Year Students: "Great talents are unveiled only when people are aware!". An Orientation Program was organized for the Pre-final and Final Year students. The chief speakers of the session were from the team of Infocepts. The session was a very informative as the speakers talked about the new challenges in IT Industry and the booming technologies of the 21st Century. Applications of cloud computing, artificial intelligence, Data Analytics and even Digital Marketing were explained enlightening the students. The students got an opportunity to interact with a personality of immense experience. The students were exposed to

various new career opportunities and new blooming domains. As it was an interactive session, many students cleared their doubts and queries.

TCS Interactive Sessions, Dated 5th December 2018: Industry Academy Relationship Manager of TCS, Mumbai interacted with the pre final year students. The students were oriented about next year's IT industrial progression. Several key skill-sets required in the IT Industry and how to excel in their prospective domains were discussed. Many of the students resolved their queries regarding the preparations, technical courses and soft skills enhancement techniques. Listening to the experiences of esteemed speakers, the students got to know many things about the work culture of TCS and also many other companies. The students enjoyed the interactive session and were pleased to have gotten the opportunity for the interaction.



Internship - 2019 Batch

Branch	Count
Computer Science and Engineering	93
Industrial Engineering	43
Civil Engineering	43
Information Technology	42
Electronics and Communication Engineering	42
Mechanical Engineering	42
Electrical Engineering	42
Electronics Design Technology	42
Electrical Engineering	42

DEPARTMENT OF CIVIL ENGINEERING

Faculty Corner

Publications

S.N.	Name of the Authors	Title of the Paper	Name of the Journal/Conference/Book	Date of Conference/Publication
1	Pankaj Yadav P. P. Dahale, A. H. Padade (VNIT, Nagpur), Dhananjay Singh (VNIT, Nagpur)	Analysis of retaining wall in static and seismic condition with inclusion of geofoam using Plaxis 2D	Indian Geotechnical Conference, IGC 2018,	14-16 December 2018

STTP/FDP/other Training Attended by Faculty

S.No.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1	Dr. S. P. Siddh	National Program: Wind Effects on Structures	29 October-2 November	VNIT, Nagpur.
2	Prof. V. R. Harne	National Program: Wind Effects on Structures	29 October-2 November	VNIT, Nagpur.
3	Dr.T.B.Gupta	5 days STTP : Recent Trends In Industrial Pollution Control And Regulation	November 19-23, 2018	Indian Institute Of Technology, Kharagpur
4	Prof. L. R. Gangwani	5 days STTP : Recent Trends In Industrial Pollution Control and Regulation	November 19-23, 2018	Indian Institute Of Technology, Kharagpur

Departmental Activities

Conference, STTP and Guest Lectures organized in Department

S.No.	Conference/STTP/Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
1	Know Your Branch plan your Career	Dr.Ankit Kathuria, VNIT College, Nagpur. Shri Mahesh Gupta, Joint General Manager, Multi-modal integration. Dr.Virendra Dehadrai, a Consultant, Maj. Rajat Chakraborty (retd.) Indian Army.	1 Day	6 Oct 2018
2	“AUDACIOUS’18- A start up conclave in Civil Engineering”	Anil Nair, chairman of CREDAI, Nagpur Dr. V. Landge ,VNIT & Er. Akshay Tejankar Techure, Nagpur.	2 Days	3 & 4 October, 2018.

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

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. Ramchand Hablani	Artificial Intelligence In Defence Scenario	18-19 December 2018	Ordnance Factories Institute of Learning, Ambernath, Maharashtra

Publications

S. N.	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	Shailendra S. Aote	An automatic video annotation framework based on two level keyframe extraction mechanism	Multimedia Tools & Applications, Springer	Nov-18	1573 - 7721	https://doi.org/10.1007/s11042-018-6826-3	SCI
3	Vasundhara Rathod	Mirr-Active: An Artificially Intelligent Interactive Mirror	International Conference on Advanced Computation and Telecommunication	28 - 29 December 2018, Bhopal	-	-	IEEE
4	A. M. Karandikar	Analysis of various time series change detection techniques: An empirical review	15th World Conference on Applied Science, Engineering and Technology	30-31st Dec. 2018, Goa	-	-	Scopus

STTP/FDP/other Training Attended by Faculty

SNo.	Name of Faculties	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1	Prof. K. Kalyani Prof. J. Sanghavi	NPTEL Online Certification on "Blockchain Architecture Design and Use Cases"	August to October (12 week course)	IIT Kharagpur & MHRD
2	Prof.S. C. Tirpude Prof. A. Karandikar Prof.S.V.Jain Prof. V. Bongirwar Prof. P. Sonsare Prof. KKhurana	NPTEL Online Certification on "Introduction to Machine Learning	From August to October (8 week course)	IIT Kharagpur & MHRD
3	Prof.Neha Tirpude	NPTEL Online Certification on "Software Engineering"	From July to October (12 week course)	IIT Kharagpur & MHRD
4	ProfK. Kalyani Prof.A Zadgaonkar Prof.V Rathod ProfP. Sonsare Prof.R.welekar Prof. P.Pardhi Prof. S. Mundhada Prof.D A. Borikar ProfK Khurana ProfNeha Tirpude	Training Programme on Internet of Things(IoT)	01/11/2018 - 02/11/2018	C-DAC, Bengaluru & RCOEM

Departmental Activities**ACM Installation Ceremony**

Department of Computer Science and Engineering of Shri Ramdeobaba College of Engineering and Management started a new Student Chapter of the Association of Computer Machinery (ACM) on 5th October 2018.

Dr. U.A. Deshpande, Chair, ACM Professional Chapter Nagpur graced the event as the Chief Guest. The inauguration ceremony was presided over by Dr. S.D. Mohgaonkar, Dean, Second Shift, RCOEM, Dr. M.B. Chandak, Head, Department of CSE and Prof. D. R. Naidu, ACM Student Chapter Head, RCOEM.

The hands-on session on “Understanding Digital and Mobile Forensics” was conducted by experts Mr.

Tanmay Dixit and Mr. Paresh Chitnis. The participants learnt about various techniques used in digital forensics followed by practical orientation. A total of 46 students participated in the workshop. The event was conducted successfully and received a positive response from the students.



Insert Image2-3.jpg here
Caption: Inaugural ceremony of the ACM installation

Students' Corner

Student Achievements

SNo.	Name of Student	Event	Achievement	Date
1	Sidrah Khan	SingaporeIndia Hackathon	Participation	12 th -14 th November 2018
2	Sahil Khan	OSD German Certification	Passed B2 Level	3 rd -18 th December 2018
3	Aditya Kedar Tiwari	Meshmerize, Technorion, At Techfest 1819	Selected in Top 10 of Mumbai Zonals	29 th September-1 th October 2018
4	Kunal Khadkeshwar	Meshmerize, Technorion, At Techfest 1819	Selected in Top 10 of Mumbai Zonals	29 th September-1 th October 2018
5	Pradyot Patil	Published a paper in International Journal of Research in Engineering, Science and Management, Volume-1, Issue-12, ISSN (Online): 2581-5792, SJIF Impact Factor: 4.308	Paper Publication on 'Speed up of Sequence Alignment Algorithms on CUDA Compatible GPUs'	December 2018

DEPARTMENT OF ELECTRICAL ENGINEERING

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. M. V. Palandurkar	Transformers & it Relevant Measures Issue in Industry	20th November 2018	Ordnance Factory, Ambazari, Nagpur
2	Prof M. M. Renge	FACTS Devices"	7th Dec. 2018	VNIT, Nagpur

Publications

S N	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. G. N. Goyal and Dr. M. M. Renge	SPWM Control Pulses for ZSI Using dsPIC33EP256 MU810	Helix-The Scientific Explorer	31st October 2018	2319-5592	DOI 10.29042/2018-4453-4459	Web of Science
2	Dr. Sanjay Bodkhe, Megha Chapple,	Converter Model and Enhanced An Integrated Control Approach for Torque Ripple Minimization of Switched Reluctance Motor: A CMFG-RNN Technique	International Journal of Ambient Energy (Taylor & Francis)	2018	Print ISSN: 0143-0750 Online ISSN: 2162-8246	https://doi.org/10.1080/01430750.2018.1507927	
3	Dr. Sanjay Bodkhe, Archana Talhar, Anjali Chandane	Development of Energy Management System for Residential Load in India	Helix-The Scientific Explorer Journal	31st October 2018	2319-5592	DoI: 10.29042/2018-4394-4399	Web of Science
	Dr. Sanjay Bodkhe, Archana Talhar	Implementation and Investigation of Net Metering in Maharashtra State for Residential Consumer	IEEE Power Electronics, Drives and Energy Systems Conference (IEEE-PEDES) 2018, IIT Madras	18 -21 December 2018		978-1-5386-9316-2/18/\$31.00	IEEE

STTP/FDP/other Training Attended by Faculty

S. No.	Name of Faculty	STTP/FDP/Training Attended	Duration/ Date	Organizers of the event
1	Prof P. V. Kapoor	NPTEL-FDP “Design of Photovoltaic Systems” from	12 weeks	IISC Bangalore.
2	Prof S. V. Umredkar (consolidated score = 84%)	NPTEL-FDP “Advanced Linear Continuous Control System: Applications with MATLAB Programming and Simulink ”	12 weeks	IIT Madras
3	Dr. Prachi Salodkar (consolidated score = 79%)	NPTEL-FDP “Introduction to basic Spoken Sanskrit ”	4 weeks	IIT Khargpur.
4	Dr.V.T.Barhate, Prof.P.V.Kapoor and Prof.G.N.Goyal	“3D Technology and Embedded Electronics”	1 Week	Shri Ramdeobaba College of Engineering and Management, Nagpur & ICT Academy, PDPM IIITDM Jabalpur
5	Prof M. B. Gaikwad	Power electronics Technologies for Renewable Energy	1 Week	VNIT, Nagpur
6	Dr M. M. Renge	Advanced Technologies in Power Engineering	1 Week	NIT, Warangal
7	Dr. S. H. Deshmukh , Prof. P.V.Kapoor , Dr. V. A. Huchche, Dr. S. C. Rangari	Virtual Simulation Environment for Communication and Embedded System Design.	1 Week	Shri Ramdeobaba College of Engineering and Management, Nagpur.

Departmental Activities**2.1 Conference, STTP and Guest Lectures organized in Department**

SNo.	Conference/STTP/Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
1	“How to prepare for GATE & IES Examination”	Mr. Anand Sharma ICE, Nagpur	1 day	27th December 2018
2	Technical Quiz competition “TECHNO QUIZ-18	Electrical Engineering Students’ Association (EESA)	1 day	27th December 2018

Students' Corner**3. Student Achievements**

Twelve students of third year Electrical Dept. has successfully completed 12 weeks Massive Open Online Courses (MOOC) of SWAYAM- NPTEL as follows:

S.No.	Name of Student	Course Name	Host Institute of MOOC
1	Anurag Shrivastava	Design of Photovoltaic Systems	IISC Banglore
2	Chinteshwari Rakshak	Design of Photovoltaic Systems	IISC Banglore
3	Yogesh Awadhiya	Design of Photovoltaic Systems	IISC Banglore
4	Vrundesh Pawde	Design of Photovoltaic Systems	IISC Banglore
5	Mohammad Aquib Mohammad Rafique	Design of Photovoltaic Systems	IISC Banglore
6	Akhilesh Payaskar	E Business	IIT Kharagpur
7	Pranjali Dhoble	E Business	IIT Kharagpur
8	Nikita Pande	E Business	IIT Kharagpur
9	Srishti Verma	E Business	IIT Kharagpur
10	Aashutosh Chandak	Dairy and Food process and products technology	IIT Kharagpur
11	Rohan Shrivastava	Aircraft Stability and Control	IIT Kanpur
12	Atharva Sawargaonkar	Digital Image Processing	IIT Kharagpur

Selection of Project for implementation in phase-II of Rajiv Gandhi Science and Technology Commission (RGSTC) MSME TIFAC internship Program -2018-19.

Project on “Development of Earth Leakage Relay test kit using current injection system” has been selected for implementation with funding in phase-II of RGSTC-MSME-TIFAC internship program. The project is based on the two month summer internship of VIII semester students Rajneesh Shendre and Mohneesh Mahale at M/S. Automation Controls, MIDC Hingna, and Nagpur. Prof. Uday Mujumdar is faculty mentor to the students.

DEPARTMENT OF ELECTRONICS ENGINEERING

Faculty Corner

Faculty Achievements

1. Prof. Suresh Balpande was awarded PhD in Electronics Engineering from RTM Nagpur university in October 2018. He will be conferred with the Doctoral degree in the 106th Convocation Ceremony.
2. Prof. Nikhil Damle was recognized as Chartered Engineer by Institution of Engineers India.

Guest Lectures taken by faculty

SN	Name of Faculty	Topic of Guest Lecture	Lecture	Organizers of Guest Lecture
1	Dr. Suresh Balpande	"Calibration Techniques "	21-Nov-2018	Ordinance Factory Institute of Learning Ambajhari,Nagpur

Publications

SN	Name of Author(s)	Title of Paper	Name of Conference/ Journal - Volume, issue, PP	Date of Publicati on	ISSN/I SBN	DOI, vol., Iss., pp	Type of Journal SCI/ ICI/ IEEE/ ACM/ Scopus etc.
1	Mr. Aman Pandey, Mr. Sandeep kumar Pandey	Investigation of ROPUF with improved Tempera- ture Performance on FPGA	Helix the Scientific Explorer	Oct-18	ISSN print: 2277-3495 Electronic 2319-5592	DOI: 10.29042/2018, PP:4334-4339, VOL:8(6)Sep- Oct. 2018	Web of Science
2	Ms. Prafulani Gajbhiye, Dr. Pankaj Joshi	Performance Improvement of Montgomery Multiplier Archi- tecture Using Pre- Computation and Unfolding Technique	Helix the Scientific Explorer,	Oct-18	ISSN print: 2277-3495 Electronic: 2319-5592	DOI: 10.29042/2018, PP:44334440, VOL:8 (6)Sep- Oct. 2018	Web of Science
3	Prof. Gouri Morankar	True Random Number Generator through Beat Fre- quency Oscillators in FPGA	Helix the Scientific Explorer,	Oct-18	ISSN print: 2277-3495 Electronic: 2319-5592	DOI: 10.29042/2018, PP:4375-4379, VOL:8(6)Sep- Oct. 2018	Web of Science
4	Dr. Kanchan Dhote, Dr. G.M. Asutkar, Supratim Saha, Tapas Pramanik	Analysis of optimi- zation of Quality of Service Parameters in Wireless Sensor Network by clustering approach	Helix the Scientific Explorer	Oct-18	ISSN print: 2277-3495 Electronic: 2319-5592	DOI: 10.29042/2018 PP:4484 -4493, VOL:8(6)Sep - Oct. 2018	Web of Science

SN	Name of Author(s)	Title of Paper	Name of Conference/ Journal - Volume, issue, PP	Date of Publication	ISSN/I SBN	DOI, vol., Iss., pp	Type of Journal SCI/ ICI/ IEEE/ ACM/ Scopus etc.
5	Dr.Sudhir Lande, Dr. Suresh S. Balpande, Dr. J. A. Shrawankar	FPAA based design of assistive listening device for hearing disorders people	Helix the Scientific Explorer,	Oct-18	ISSN print: 2277--3495 Electronic: 2319-5592	DOI: 10.29042/2018, PP:4446-4452, VOL:8(6)Sep - Oct. 2018	Web of Science
6	Mr. Yogesh N. Thakare, Dr. Sujata N. Kale	Performance Analysis of N - Type Gated Diode Three - Transistor DRAM in 180nm Technology	Helix the Scientific Explorer,	Oct-18	ISSN print: 2277-3495 Electronic: 2319-5592	DOI: 10.29042/2018, PP:4388 -4393, VOL:8(6)Sep - Oct. 2018	Web of Science
7	Mr. Shubham Anjankar, Dr. Parag Jawarkar, Mr. Lokesh Heda, Ms. Vidya Dahake	Pick and Place Automation machine Using PLC and Ladder Programming	Helix the Scientific Explorer,	Oct-18	ISSN print: 22773495 Electronic: 2319-5592	DOI: 10.29042/2018 PP:4400-4408, VOL:8(6)Sep Oct. 2018	Web of Science
8	Jaya R. Surywanshi, Dr. Swati S. Godbole	Signaling approached based NoC architecture for improving Quality of Service	Helix the Scientific Explorer,	Oct-18	ISSN print: 2277-3495 Electronic: 2319-5592	DOI: 10.29042/2018, PP:4364-4369, VOL:8(6)Sep Oct. 2018	Web of Science
9	Dr. Swati S. Godbole, Dr. Sanjay B. Pokle	Performance Analysis of Adaptive Noise Canceller in Digital Filter for Human Voice Separation	Helix the Scientific Exp lorer,	Oct-18	ISSN print: 2277-3495 Electronic: 5592-2319	DOI: 10.29042/2018, PP:4380-4387, VOL:8(6)Sep Oct. 2018	Web of Science
10	Prof. Snehal V Laddha, Prof. Smita Daware	Analysis of White blood cell Segmentation techniques and Classification using Deep Convolutional Neural Network for Leukemia detection	Helix the Scientific Explorer,	Oct-18	ISSN print: 2277-3495 Electro nic: 2319-5592	DOI: 10.29042/2018, PP:4519-4524, VOL:8(6)Sep Oct. 2018	Web of Science

SN	Name of Author(s)	Title of Paper	Name of Conference/ Journal - Volume, issue, PP	Date of Publication	ISSN/ I SBN	DOI, vol., Iss., pp	Type of Journal SCI/ ICI/ IEEE/ ACM/ Scopus etc.
11	Mr. Nakul Pathak, Mr. Prasad Pande, Mr. Lokesh M. Heda, Dr. Parag Jawarkar	SOC-ASIC (State-of-Charge-Application Specific Integrated Circuit)- a Battery Voltage Monitoring System for Series-Connected Battery cells in Electric Vehicle for State-of-Charge estimation	Helix the Scientific Explorer,	Oct-18	ISSN print: 2277-3495 Electronic: 2319-5592	DOI: 10.29042/2018, PP:4525-4529, VOL:8(6)Sep-Oct. 2018	Web of Science
12	Prof. Poorvi K Joshi	Recent Development in Applications of Optical MEMS: A Review	Helix the Scientific Explorer,	Oct-18	ISSN print: 2277-3495 Electronic: 2319-5592	DOI: 10.29042/2018, PP:4345-4348, VOL:8(6)Sep-Oct. 2018	Web of Science
13	Mr. Sharmik Admane, Divya Chopde	Performance Enhancement of Polycrystalline Silicon based solar cell using Ba ₂ SiO ₄ : Eu ²⁺ -Nd ³⁺ +phosphor	Helix the Scientific Explorer,	Oct-18	ISSN print: 2277-3495 Electronic: 2319-5592	DOI: 10.29042/2018, PP:4498-4503, VOL:8(6)Sep-Oct. 2018	Web of Science
14	Mitali Patel, Mr. Jitendra B Zalke, Mr. Sandeep Kumar Pandey, Anuradha Verma, Ruchir V. Nandanwar	Power aware Multi-processor System on Chip (MPSOC) based on Dynamic frequency scaling of soft core processors	Helix the Scientific Explorer,	Oct-18	ISSN print: 2277-3495 Electronic: 2319-5592	DOI: 10.29042/2018, PP:4535-4543, VOL:8(6)Sep-Oct. 2018	Web of Science
16	Yogesh Thakare Dr. Sujata N. Kale	A Novel Scalable Design of 2:4 Decoders for Power Estimation in Submicron Technology	61st Annual Convention 2018 on "Smart Engineering for Sustainable Development" Special Issue of International Journal of Electronics, communication and soft computing science and engineering (IJECSCSE), ISSN: 2277-9477	15 Dec 2018			Google Scholar

STTP/FDP/other Training Attended by Faculty

SN	Name of the Faculties	Conference/STTP/Workshop/Seminar	Organized by	Date / Duration	Sponsoring agency
1	Dr.(Mrs.) R.S. Ochawar	GIAN course on Functional MRI:Methods and Application for Medical Imaging	VNIT, Nagpur	22-26 Oct 2018	MHRD, Govt. of India
2	Prof. B.M.Hardas Prof.N.S.Damle Prof. R.H.Khobrgade Prof.LokeshHeda Prof. P.K.Joshi Prof.S.G.Dawre Prof. R.Deshmukh Prof.Prachi Rane Prof. P.R.Pande Prof. Swati Godbole Prof.Y.N.Thakare Prof. Manisha Das Prof. Anuradha Verma	STTP on 3D Technology and Embedded Electronics	Shri Ramdeobaba College of Engineering and Management, Nagpur and Electronics & ICT Academy,IIITDM,Jabalpur	13-17 Nov 2018	IIITDM Jabalpur
3	Prof.Vikas Gupta	STTP on Deep Learning: Theory and Practice	IIT (BHU),Vranasi	12-17 Dec 2018	AICTE
4	Prof. Poorvi Joshi	International symposium on semiconductor materials and devices	VNIT, Nagpur	30 Nov-2 Dec, 2018	TQIP
5	Dr.ParagJawarkar	FDP on Artificial Intelligence and Machine Learning	IIITDM,Jabalpur	17-21 Dec 2018	MeitY
6	Prof. Poorvi Joshi Dr. Swati Godbole Dr. Kanchan Dhote Prof.Smita Dawre Prof. Archana Tiwari	STTP on Virtual Simulation Environment for Communication and Embedded System Design	Shri Ramdeobaba College of Engineering and Management, Nagpur	26 Nov-1st Dec2018	AICTE-ISTE
7	Prof. P.R.Pande Prof. Poorvi Joshi Dr. Kanchan Dhote Prof.Smita Dawre Dr. Swati Godbole Prof. AnuradhaVerma Prof.Y.N.Thakare Prof.S.V.Admane Prof.Lokesh Heda Prof. Gouri Morankar Prof. S. V. Ladda Prof. Suresh Balpande Prof. Shubham Anjankar Prof. Sandeep Kumar Pandey Dr. Parag Jawarkar Prof. Nakul Kishor Pathak Prof. Lokesh M. Heda	2nd International Conference on Electronic Systems, Signal Processing and Computing Technologies (ICESC- 2018)	Shri Ramdeobaba College of Engineering and Management, Nagpur	7-8 Dec 2018	-

Departmental Activities

Conference, STTP and Guest Lectures organized in Department

STTP on “3D Technology and Embedded Electronics”

The Department of Electronics Engineering of RCOEM, Nagpur in association with E & ICT Academy, IIITDM, Jabalpur organized one week Short Term Training Program on “3D Technology and Embedded Electronics” during 13 - 17 November 2018. Dr. Prashant Jain, IIITDM, Dr. AbhayKuthe VNIT Nagpur, Dr. Soumya Joshi, BITS, Pilani, Hyderabad, Dr. Rashmi Uddanwadikar, VNIT Nagpur, Dr. SanketGoel from BITS, Pilani, Hyderabad delivered session on various aspects of 3D Printing Methods and technologies and applications areas of 3D Printing. Prof. Snehal Laddha, Prof. GouriMorankar coordinated the STTP.

The training programme was held with an objective to help the participants understand the design, functioning and operation of a basic prototyping, create a work of art, customize and develop products. More than 30 faculty members and UG students from various institutions actively participated in the STTP.

Students' Corner

Industry Sponsored/Mentored Projects

SN	Name of Students	Project Title	Name of Guide	Sponsored / Mentored By Industry
1	Nikita Sanghi Piyush Kabra Alok Kumar Singh Anirudh Komre	Water Quality Monitoring System	Dr. (Mrs.)A.A. Khurshid	Unmesh Oke, Unique Automation Pvt. Ltd., Nagpur
2	Tanuj Barai Pranit Satpute PriyaS.Agrawal Rashmi Mahalle	Embedded System Design for Efficient Battery Management	Prof. (Mrs.) S. G. Daware	NimeshSheth Kinetica Solar Pvt. Ltd., Ahemdabad
3	Neha Dhosewan Ashwini Bokde Ashwini Singh	Solar Powered IoT based Smart Billing System	Prof. P. R. Pande	VarshaSonaskar VS Informatics Pvt., Ltd., Nagpur
4	Sagar Lambat Arpit Chaudhary Pragya Mahadule Khushboo Paliwal	IoT based Diesel Theft and Alert System for JCB Machines	Prof. P. R. Pande	Mr. AnuragChakraborty Leogreen Technology Pvt. Ltd., Koradi



Image Caption 3 Participants of STTP on 3D Technology and Embedded Electronics

Embedded Club has organized Two week hands-on workshop "Workshop on Python and open CV" during November 18 to December 1, 2018. 14 Students from 3rd year Electronics Engineering department has participated in this workshop. This workshop is organised to provide skill on Python and Open CV to students for working in real time Image processing domain like basic operations on image like pixel editing, geometric transformations, code optimization, some mathematical tools, and different image processing functions inside Open CV etc.

DEPARTMENT OF ELECTRONIC DESIGN TECHNOLOGY

Faculty Corner

Guest Lectures taken by faculty

Sr. No.	Name of Faculty	Lecture	Lecture	Guest Lecture
1	Dr. J.A. Shrawankar	Modulation Techniques for Mobile Communication	3 rd October 2018	Kamptee Polytechnic, Kamptee

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. R. D. Raut	Design & Implementation of Reconfigurable Modulator Using FPGA for Cognitive Radio system	Helix International Journal	31/10/2018	DOI 10.29042/2018-4535-4543	Vol. 8(6): 4418-4425	Web of Science
2	Prof. J.B. Zalke Prof. R.V. Nandanwar	Design & Analysis of Piezoelectric Energy Harvesting Circuit for Rechargeable Ultra-Low Weight Lithium-Ion Batteries	Helix International Journal	31/10/2018	DOI 10.29042/2018-4535-4543	Vol. 8(6): 4535-4543	Web of Science

STTP/FDP/other Training Attended by Faculty

S.No.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1	Dr. Deepali Kotambkar	STTP "3D Technology and Embedded Electronics" STTP	13-17 November 2018	RCOEM, Nagpur & Electronics & ICT Academy, PDPM IITDM, Jabalpur
2	Prof. Anju Gupta	"3D Technology and Embedded Electronics"	13-17 November 2018	RCOEM, Nagpur & Electronics & ICT Academy, PDPM IITDM, Jabalpur

Departmental Activities

Conference, STTP and Guest Lectures organized in Department

SNo.	Conference/STTP/Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
1	One week AICTE-ISTE Sponsored Induction / Refresher Program on “Virtual Simulation Environment for Communication and Embedded System Design (VSECESD).	Convener : Dr.(Mrs.) R.D. Raut Coordinator: Dr.(Mrs.) Deepali Kotambkar & Prof. J.B.Zalke	One Week	26 thNov -1st Dec , 2018.
2	Guest Lecture on “Drone Technology and opportunities.”	Dr.Prashant Kadu, Founder President, Center for creativity and Innovations Nagpur	One day	22/10/2018

STTP Report:

One week AICTE-ISTE Sponsored Induction / Refresher Program on “Virtual Simulation Environment for Communication and Embedded System Design (VSECESD)” was organized by the department of Electronics Design Technology during 26th Nov - 1st Dec , 2018. Dr.(Mrs.) R.D. Raut was Convener and Dr.(Mrs.) Deepali Kotambkar & Prof. J.B.Zalke as a coordinator. The program was inaugurated by Dr. K.D. Kulat, Professor, VNIT Nagpur. Dr. R.S. Pande, Principal RCOEM was the chief guest for the program. This induction program provided all the necessary and

important aspects needed for design of Communication and Embedded system in a virtual environment theoretically as well as practically. Participants were provided a hands-on training on Software Defined Radio GNU- SDR platform for the design of communication system and Proteus VSM software tool for Embedded Systems. The course was well attended by the faculty members and students from various states of India and from reputed organizations. The course was well appreciated by the participants while expressing the feedback during the valedictory session.



Inaugural address by Dr. K.D.Kulat on 26th Nov., 2018



Group Photo of participants with organizing Team -During Valedictory Function

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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. R. B. Raut	Image processing using Scilab	12/12/2018 & 13/12/2018	St. Vincent Pallotti College, Nagpur
2	Dr. Jagdish D. kene	“Sampling in Speech Signal Processing”	23/11/2018	Government College of Engineering, Amravati



Guest lecture delivered by Dr. Jagdish Kene

Publications

S N	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.B. Pokle, Professor EC dept,RCO EM	Performance Analysis of Adaptive Noise Canceller in Digital Filter for Human Voice Separation	Helix International Journal,	Sep - Oct2018	E- ISSN:231 9-5592,P - ISSN:227 7-3495	Vol. 8(6) PP 4380 - 4387	Web of Science, Emerging Sources Citation Index.
2	Dr. Mridula Korde	Design of Military Surveillance Robot	International Conference on Secure Cyber Computing and Communications, NIT Jalandhar	Dec ember 15 - 17, 2018	-	-	IEEE Xplore Digital Library
3	Prof. Ankita H Harkare	Analytical Study for Development of Fuel Adulteration Detection System	Helix International Journal,	Sep - Oct2018	E- ISSN:231 9-5592,P - ISSN:227 7-3495	Vol. 8(6) PP 4327 - 4333	Web of Science, Emerging Sources Citation Index.
4	Prof. Bhumika Neole and Prof. Bhagyashree Lad,	A Survey on Use Cases and Security Issues in Fog Computing	Helix International Journal,	Sep - Oct2018	E- ISSN:231 9-5592,P - ISSN:227 7-3495	Vol. 8(6) PP 4380 - 4387	Web of Science, Emerging Sources Citation Index
5	Dr. R. B. Raut	Review & Evaluation of color spaces for Image & video compression	Color research & Application wiley online	September 2018	Online ISSN:152 0-6378	https:// doi.org/ 10.100 2/col.2 2291 pp 1 -26	SCI

STTP/FDP/other Training Attended

SNo.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1	Dr. S. B. Pokle	Workshop	25 th January 2019	RTM Nagpur University & Research for Resurgence Foundation Nagpur
2	Prof. Bhagyashri V. Lad	STTP at IIT (Bhu) Varanasi.	12 to 17 December 2018	AICTE Sponsored QIP - Short term course
3	Dr. Pallavi K. Parlewar	FDP on “New NAAC Accreditation methodologies” by RTMNU, Nagpur	4-6 December 2018 (3 Days)	Rashtriya Uchchar Shiksha Abhiyan (RUSA) Maharashtra
4	Dr. B. A. Neole	STTP on “Virtual Simulation Environment for Communication and Embedded system design” EDT Dept, RCOEM	26th Nov to 1st December 2018	ISTE and AICTE
5	Prof. N. M. Borkar	STTP off3D Technology and Embedded Electronics” EN Dept.	13-17 November 2018	RCOEM & IIIT Jaipur

Any Other by Faculty

- Dr. R. B. Raut, Associate Professor and Head, EC Dept** awarded with Top performing Mentor certificate for the NPTEL course on “The Joy of Computing using Python” conducted by Indian Institute of Technology (IIT) Ropar from Jul to Oct 2018 funded by Ministry of HRD, G.o.I
- Dr. S.B. Pokle, Professor EC dept, RCOEM** Appointed as a Chairman of Local Enquiry Committee by RTM Nagpur University for continuing affiliation of V.M. Institute of Engineering & Technology, Nagpur on 24-11-2018.
- Dr. S. B. Pokle, Professor EC dept, RCOEM** Reviewer for 2nd International Conference on Electronics systems, Signal Processing & Computing Techniques (ICESC-2018), Organized at R.C.O.E.M., Nagpur, 7-8 Dec.2018.
- Prof. Ankita H. Harkare** successfully Completed NPTEL Online Certification Course in Digital

Circuits, conducted by Indian Institute of Technology (IIT) Kharagpur from Jul to Oct 2018 funded by Ministry of HRD, GoI. with ELITE grading.

- Prof. Prashil Thakre** successfully completed NPTEL Online Certification Course in Digital Circuits, conducted by Indian Institute of Technology (IIT) Kharagpur from Jul to Oct 2018 funded by Ministry of HRD, GoI. with ELITE grading.
- Prof. Puja Agrawal**, successfully completed NPTEL Online Certification Course in Digital Circuits, conducted by Indian Institute of Technology (IIT) Kharagpur from Jul to Oct 2018 funded by Ministry of HRD, G0I. with ELITE grading.
- Prof. M. R. Sarve & Prof. B. V. Lad** organized GATE Counseling classes during 29/11/2018 to 05/12/2018 (1 week) for EC Students.

Departmental Activities**Parents Meet, Alumni Meet and Departmental Installations or Events****Departmental Installations 2018-19:**

Departments student society “communiqués” formal installation program “Ekatra-2018” was held on 05/10/2018 in industrial auditorium. The chief guest of the function was Dr. S.V. C. Kameswara Rao, General Manager, Regional Remote Sensing Centre-Central, National Remote Sensing Centre & Department of Space, Indian Space Research Organization (ISRO).

Conference, STTP and Guest Lectures organized in Department

SNo.	Conference/STTP/Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
1	Guest lecture on Career Opportunities in Embedded Systems	Ms.Swati Naidu, Eminent Alumni of RCOEM, Embedded systems and Smart Meters Consultant, Career Guide, Lifeskills Trainer For Professionals	2 hrs.	2/1/2019
2	Guest lecture on Career Opportunities in Core Companies	Mr.Pankaj Dhakate, Eminent Alumni of RCOEM,Head of Engineering, RCS, India	2 hrs.	24/12/2018
3	Guest lecture on GATE & Career opportunities through GATE	Mr. AbhinavDandare, Alumni RCOEM, EX-IITM (Now EO-AAI)	2 hrs.	1/12/2018
4.	Guest lecture on “Antenna Arrays and Practical Antennas”	Dr. Biswajeet Mukherjee, Assistant Professor, IIIT Jabalpur	2 Days.	28th - 29th December, 2018



Guest lecture on Career Opportunities in Core Companies by Mr.PankajDhakate, Eminent Alumni of RCOEM,Head of Engineering, RCS, India



Guest lecture on Career Opportunities in Embedded Systems by Ms.Swati Naidu, Eminent Alumni of RCOEM,Embedded systems and Smart Meters Consultant, Career Guide, Lifeskills Trainer For Professionals

DEPARTMENT OF INDUSTRIAL ENGINEERING

Faculty Corner

Publications

S N	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. V. S. Deshpande	Variations in spark discharge area for directional overcut in precision electrical discharge machining	Journal of science and Technology	Dec 2018	3980-3994	Vol. 13(12)	Web of Science
2	Dr. Yogesh Deshpande	Application of ANN to estimate surface roughness using cutting parameters, force, sound and vibration in turning of Inconel 718	SN Applied sciences–A Springer Nature Journal	Dec 2018	2523-3963	https://doi.org/10.1007/s42452-018-0098-4	

STTP/FDP/other Training Attended by Faculty

SNo.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1	Prof. Sachin Pund	Conference on topic “Sustainable Urban Mobility and Development”	2nd to 4th November 2018	Institute of Urban Transport (India) Maharashtra Metro Rail Corporation Limited, under the aegis of the Ministry of Housing and Urban Affairs, Government of India.

- Dr. V. S. Deshpande elected as Joint Secretary of IIIE National Council.

Departmental Activities**Conference, STTP and Guest Lectures organized in Department**

SNo.	Name of Student	Event	Achievement
1	BhumikaKrishnani DipeshKiplani AditPurohit SiddheshRathi	CAT exam Score	94% 91% 89% 89%
2	Akhilesh Sangewar	Western Music at state level at INDRADHANUSH- 2018	Represented Nagpur University

Students' Corner**Student Achievements**

SNo.	Conference/STTP/Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
1	Maynard operation sequence technique(MOST)	Dr. V. S. Deshpande, Dr. PriyaKhandekar, Prof. Mangesh Joshi and Prof. Himanshu Shukla	3 Days	27th to 29th December 2018

DEPARTMENT OF INFORMATION TECHNOLOGY

Faculty Corner

Publications

S N	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	Rakesh K. Kadu Dattatraya S. Adane	A Novel Efficient Hardware Implementation of Elliptic Curve Cryptography Scalar Multiplication using Vedic Multiplier	International Journal of Simulation Systems, Science & Technology, United Kingdom	December 2018	ISSN 1473804X, 14738031	DOI 10.5013/IJSSST.a.19.06.38, Vol. 19, Iss. 6, pp. 38.1-38.10	SCOPUS indexed
2	Madhuri A. Tayal	Bird Identification by Image Recognition	Helix	11-10-2018	ISSN 2319-5592	DOI 10.29042/2018-4349-4352, Vol. 8(6): 4349-4352, pp. 4349-4352	SCOPUS indexed
3	Purshottam J. Assudani, Sathesh Abimanna, Associate Professor, VIT, Vellore, India SCOPE,	Cost Efficient Resource Scheduling in Cloud Computing: a Survey	International Journal of Engineering & Technology	27-11-2018	2227-524X	Volume 7, No. (4.17), Page Nos. 38-43	SCOPUS indexed
4	Purshottam J. Assudani, Sathesh Abimannan, Associate Professor, SCOPE, VIT, Vellore, India	Power Efficient and Workload Aware Scheduling in Cloud	International Journal of Engineering & Technology	27-11-2018	2227-524X	Volume 7, No. (4.17), Page Nos. 44-52	SCOPUS indexed

Departmental Activities

Parents Meet, Alumni Meet and Departmental Installations or Events

- Student's Society of the department was formed and a formal inauguration of installation of Student's Society was organized on 29th December, 2018, followed by Cultural Evening.
- Alumni Meet was conducted in department of Information Technology on 29th December, 2018. 06 alumni of the department attended the meet.



Conference, STTP and Guest Lectures organized in Department

SNo.	Conference/STTP/Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
01	Industry Interaction	Mrs. Shubhada Jambhekar Assistant Manager, HR Operations, Torana Inc, Nagpur.	12.30 - 2.30 pm	12-01-2019
02	Guest Lecture on Assembling a Computer	Mr. Nitin Narkhede, Data Tronics, Nagpur	11.30 am - 1.30 pm	12-01-2019

Students' Corner

Student Achievements

SNo.	Name of Student	Event	Achievement	Date
1	Muskan Nevatia	Android Development Workshop	Attended	14th to 16th December 2018.
2	Rishika Agrawal	Project Internship on the topic "Loan Tracking System" at "The Akola Janta Commercial Co operative Bank Limited, Akola"	Attended	16th November 2018 to 16th December 2018.

Students in Higher Studies

Year	Number of Students enrolling for Higher studies	Program Graduated (B.E. / M. Tech/ MBA/MCA)	Name of the Department	Name of Institution of Higher Studies	Name of program of Higher Studies
2017-18	1	B. E.	Information Technology	Monash University, Australia	M. S.
2017-18	1	B. E.	Information Technology	International Institute of Business Studies, Bengaluru	M.B.A

DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Corner

Guest Lectures taken by faculty

Sr. No.	Name of Faculty	Topic of Guest Lecture	Date of Guest Lecture	Lecture
1	Dr. Pranjali Deole (Dongre)	Need of calibration and it's Standards	19th November 2018	Ordnance factory, Ambajhari Nagpur
2	Dr. Pranjali Deole (Dongre)	Measuring instruments and its principle	3rd December 2018	Ordnance factory, Ambajhari Nagpur
3	Dr. Pranjali Deole (Dongre)	Ultrasonic Sensors and its principle	4thDecember2018	Ordnance factory, Ambajhari Nagpur

Publications

S N	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	A. D. Urade	"Variations in spark discharge area for directional overcut inprecision electrical discharge machining"	Journal of Engineering Science and Technology	Dec 2018	1823 -4690	Volume 13, Issue 12, Page 3980–3994	ESCI Indexed
2	Sandeep S. Joshi	"Thermal performance enhancement in cross flow by vortex generators: A Review"	IOP Conf. Series: Materials Science and Engineering	Dec 2018	1757-899X	doi:10.1088/1757-899X/402/1/012161	SCOPUS indexed

- Dr. Sandeep Joshi contributed as a reviewer for the following international conferences organized by ASME USA and Pisarenko Institute for Problems of Strength, National Academy of Sciences of Ukraine.
 - ASME Power Conference and Nuclear Forum 2019, Utah, USA.
 - The 2nd International Conference on Material Strength and Applied Mechanics, May 2019, Kiev, Ukraine.

Students Achievements:

SNo.	Name of Student	Event	Achievement	Date
1	Ms.Kavya Chaudhary, Ms.Madhura Kuthe and Ms.Gautami Thakare (IV Semester)	College level Inter Branch Chess competition held at RCOEM	First Prize	Oct 2018
2	MrPawanMantri	College level Inter Branch Chess competition held at RCOEM	Second Runner up	Oct 2018
3	Mr ShumbhamAmborkar	Zonal Level in the Mesmerize Event held by IIT Bombay	Second Prize	Dec 2018
4	Ms ReemaMarathe	College level Inter Branch Badminton competition held at RCOEM	Third Prize	Oct 2018

- 34 Students from 2nd and 3rd Year Mechanical Engineering had undergone Industry Internship from 3-4 weeks in various reputed companies like JSW Steel, Railway Loco-shade, L&T, TAL Manufacturing Ltd etc. 40 Students of Final Year Mechanical Engineering bagged 6 months long internship in various companies like Climbers, Reliance Retail, ParasonMachinery Ltd, Metlok etc. 26 students of Mechanical Engineering are placed in various campus recruitments held in the campus till date.
- Third semester student ShubhamAmbokar publish a patent, Title of the invention: UPGRADED GEOMETRY INSTRUMENT, Application

No.201621003152 A(19) INDIA (22),Date of filing of Application :28/01/2016(43) Publication Date : 19/02/2016.

- Mr. HimanshuThakre, Final Year student scored 92.36 percentile in CAT 2018.

Industrial Visits Organised:

Prof Mohan G. Trivedi organised an Industrial Visit to "Apex Tools Private Ltd, MIDC, Hingna", "Crest Tools Private Ltd, MIDC, Hingna" and "Metals FabHighway Private Ltd, MIDC, Hingna" for III Sem Mechanical Engineering students on 24th September 2018.The visit was accompanied by Dr G. R. Potey and Dr S. D. Moghe with a team of 70 students.

DEPARTMENT OF MATHEMATICS

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. S. D. Mohgaonkar	Life Sketch of Shrinivasa Ramanujan	22/12/2018	Hislop College, Nagpur

STTP/FDP/other Training Attended by Faculty

SNo.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1	Dr. P. O. Bagde	Workshop	30 Nov. 2018/1day	SFS College and Dept. of Library and information Science, RTMNU Nagpur
2	Dr. B. R. Chide	Workshop	23-28 Dec. 2018 / 6days	Dept. Of Mathematics RCOEM and NCM IIT Bombay
3	Dr. P. O. Bagde	Workshop	23-28 Dec. 2018/ 6days	Dept. Of Mathematics RCOEM and NCM IIT Bombay
4	Dr. J. H. Rai	Workshop	23-28 Dec. 2018 / 6 days	Dept. Of Mathematics RCOEM and NCM IIT Bombay
5	Dr. P. O. Bagde	Workshop	01- 05 Jan. 2019 / 5days	Dept. Of Mathematics, VNIT, Nagpur

Departmental Activities**Conference, STTP and Guest Lectures organized in Department**

SNo.	Conference/STTP/Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
1	TEW Linear Algebra, Group Theory and Enumerative Combinatorics	Prof. Sudhir Ghorpade, IIT Bombay, Prof. J. K. Verma, IIT Bombay, Prof. Ananthnarayan Hariharan, IIT Bombay Prof. Samrith Ram, IIIT Delhi and Mrs Jyoti Singh, VNIT Nagpur.	1 week	23-28,Dec. 2018

Teachers' Enrichment Workshop on**Linear Algebra, Group Theory and Enumerative Combinatorics 23 - 28 December 2018**

Aiming to provide an intense knowledge to teachers and research scholars a six days Teachers' Enrichment workshop (TEW) on Linear Algebra, Group Theory and Enumerative combinatorics was conducted by Department of Mathematics during 23-28 December 2018. The workshop was fully funded by National Center for Mathematics (a joint center of IIT Bombay and TIFR Mumbai). NCM is a major center for organization of short term courses, workshops, national

and international conferences for researchers in mathematics and its applications.

Resource persons for this workshop were Prof. Sudhir Ghorpade, IIT Bombay, Prof. J. K. Verma, IIT Bombay, Prof. Ananthnarayan Hariharan, IIT Bombay Prof. Samrith Ram, IIIT Delhi and Mrs Jyoti Singh, VNIT Nagpur.

The objective of the workshop was to provide training in core subjects in Mathematics to young researchers and teachers and enable them to review and update content knowledge.

The main focus of the workshop was on introducing Linear algebra, Group Theory and Enumerative combinatorics and their applications to various field of real life. Important component of this workshop was that every theory session was followed by a tutorial in which participants had opportunity to get their doubts cleared and workout advanced problems of relevant topics.

The TEW was attended by 32 participants which

includes teachers and research scholars from various part of India.

Prof. S. D. Mohgaonkar and Dr. R. G. Ghumde coordinated the workshop with active participation and support of all faculty members of Mathematics Department. Dr. B. R. Chide, HoD Mathematics has taken keen interest in making the event a great success.

BASIC SCIENCES DEPARTMENT OF CHEMISTRY

Faculty Corner

Conference/Seminar attended

SNo.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1	Dr. Sanjogita M. Meshram	Workshop on Patent Drafting, Filing and Processing	29th November, 2018	Vidya Bharati Mahavidyalaya, Amravati.

DEPARTMENT OF PHYSICS

Faculty Corner

Guest Lectures taken by faculty

Sr.	Name of Faculty	Topic of Guest Lecture	Date of Guest Lecture	Organizers of Guest Lecture
1	P Kulkarni	Materials used in solar cells and its characteristics	09/10/2018	Ordnance Factories Institute of Learning, Ambajhari, Nagpur

Publications

S N	Name of the Authors	Title of the Paper	Name of the Journal/Conference/Book	Date of Conference/Publication	ISSN/I SBN	DOI, vol., Iss., PP	SCI/Scopus/ICI/Other (index)
1	A.D.Deshpande, P. N. Warnekar, R.L.Edlabadkar, H.P.Nagaswarupa, K.G.Revatkar, V.M.Nanoti	Study of Magnetic Properties & Mathematical Model Formation for Transition Temperature of Zr-Co Substituted Calcium Hexaferrites	materials today : PROCEEDINGS ; Journal by Elsevier	Nov 2019		https://doi.org/10.1016/j.matpr.2018.06.586 Volume 5, Issue 10, Part 3, 2018, Pages 22215-22220	SCI

STTP/FDP/other Training Attended by Faculty

SNo.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1	P Kulkarni	5th International Symposium on Semiconductor Materials and Devices	November 30 to December 02, 2018	VNIT Nagpur, India
2	P Kulkarni	Teacher's Enrichment Workshop on Linear Algebra, Group Theory and Enumerative Combinatorics	December 23 - 28, 2018	RCOEM, Nagpur

DEPARTMENT OF HUMANITIES

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. Deepshikha Mehra	The perspective of an environmentalist from behind the lenses	30th December 2018	Over The Ridge at Glocal Mall auditorium.
2.	Dr. Deepshikha Mehra (Resource Person)	Resource person at the Wildlife Week events of the Maharashtra Forest Dept	Resource person for 2nd and 6th October for students of 6 schools of Nagpur.	Office of CCF of Pench Tiger Reserve, Bor Tiger Reserve, and Umred Karlanda Wildlife Sanctuary, MH.
3.	Dr. V. H. Asudani	Cultural Dispose and Gender Sensitivity	1st October 2018	UGC HRD Centre RTM Nagpur University

Publications**Conferences Attended**

SN	Name of the Authors	Title of the Paper	Name of the Conference	Date of Conference	Place	Organising Agency	Type of Conference
1.	Dr. Vinod H. Asudani	Features of Sindhi Ghazal in last 5 Years	National Symposium on Ghazal	14th October 2018	Mumbai	Central Sahitya Akademi	National
2.	Dr. Vinod H. Asudani & Dr. M. R. Seth	Decolonizing the mind from the perspective of Gender equality	Women Empowerment and Leadership	26th and 27th November 2018	Gondia	D.B. Science College, Gondia	International
3.	Dr. Sonal Paliwal	Negativity bias, Subjectivity well being and time spend on mental processing of weakness.	5th International and 7th Indian Psychological Science Congress	26th-28th October 2018	Chandigarh	Panjab University	International
4	Dr. Vinod H. Asudani & Dr. M. R. Seth	English translation of contemporary Sindhi poetry	Teaching English Language and Literature in Indian Context: Problems and Solutions	8th and 9th December 2018	Nagpur	Dept. of Humanities VNIT	National
5.	Dr. Sonal Paliwal & Ms. Mamta Chhabriya	I can hear you, Can you hear me?	Teaching English Language and Literature in Indian Context: Problems and Solutions	8th and 9th December 2018	Nagpur	Dept. of Humanities VNIT	National
6.	Ms. Akanksha Deshpande & Ms. Jasleen Rihan	Innovative Methods to teach English Vocabulary and Figurative Language to Engineering students	Teaching English Language and Literature in Indian Context: Problems and Solutions	8th and 9th December 2018	Nagpur	Dept. of Humanities VNIT	National
7.	Ms. Pratishruti Singh Agrawal	Hind Swaraj: The First Theoretic Document Arguing the Process of Decolonization	Teaching English Language and Literature in Indian Context: Problems and Solutions	8th and 9th December 2018	Nagpur	Dept. of Humanities VNIT	National

2.2 Journal Publication

SN	Name of the Authors	Title of the Paper	Name of the Journal/Conf	Date of Conference/	ISSN/IS BN	DOI, vol., Iss., pp	SCI/ Scopus/ICI / Other (index)
1	Dr. Monika R. Seth Mr. Atharva Karpate And Mr. Abhinav Bathula	Effects of Internet Addiction on Work Place Productivity: With Special Reference to Alacrity in Nagpur.	Helix The Scientific Explorer	December 2018	ISSN 2319-5592	DOI 1029042/2018-4226-4229. pp-4226-4229	Web of Science
2.	Ms. A P Deshpande & Ms. J Rihan	“Innovative Methods to Teach English Vocabulary and Figurative Language to Engineering Students”	Journal of Emerging Technologies and Innovative Research,	December 2018	ISSN:2349-5162,	Volume V, Issue XII, Impact Factor 5.87, Pg 320-322.	UGC approved
3.	Ms. A P Deshpande	“Effective Public – Speaking Intervention: Pre and Post Assessment”	IAETSD Journal of Advanced Research in Applied Sciences	December 2018	ISSN: 2394-8442	Volume V, Issue XII, Pg 36-40.	-----
4	Dr. Monika R. Seth And Dr. V. H. Asudani	Role of Educated and Employed Women in Decision Making	International Journal of Research and Analytical Review	December 2018	ISSN 2348-1269	Vol 5, Issue 4 Pp 295-303	-----

Book Publication

S N	Name of the Authors	Name of the Book	Date of Publication	ISSN/ISBN	Publisher	Place
1.	Dr. Monika R. Seth And Dr. V. H. Asudani	Indian Spiritual Masters and Management Principles (Book)	December 2018	ISBN 9789387608160	Narendra Publication Reshimbag Nagpur.	Nagpur
2.	Dr. V. H. Asudani	The last wish and other stories (Book)	December 2018	ISBN 9789387608146	Narendra Publication Reshimbag Nagpur.	Nagpur

STTP/FDP/other Training Attended by Faculty

SNo.	Name of Faculty	STTP/FDP/Training Attended	Duration/Date	Organizers of the event
1	Dr. Monika R. Seth	STTP: Refresher Course on Sociology	5th December to 25th December 2018	UGC-HRD Centre

Departmental Activities**Conference, STTP and Guest Lectures organized in Department**

SNo.	Conference/STTP/Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
	Two-day workshop on "Introduction to Functional Grammar for Research and Workplace Documentation"	Ms. Pratishruti Singh-Agarwal	2 days	16th-17th November, 2018

DEPARTMENT OF MANAGEMENT TECHNOLOGY

Faculty Corner**Faculty PhD Awarded**

Dr. Vishal Mehta was awarded with Doctor of Philosophy Degree by Rashtasant Tukadoji Maharaj Nagpur University under Faculty of Commerce & Management on 13th November 2018. His topic of thesis was "An analytical study of trends in the notional multi commodity indices with reference to commodity futures market in India (for the period Jan 2009 to Dec 2013)".

Publications

S. N.	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	KDV Prasad Rajesh Vaidya	Causes and effect of job stress and coping on performance and psychological well-being among the Agricultural Research Sector employees: An Empirical Study using Multinomial Logistic Regression Approach	Helix Journal - The Scientific Explorer	October 2018	Helix Vol. 6: 4114-4119, PISSN number 2277-3495		Emerging Science Citation Index ESCI

S. N.	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	Mruthyanjaya Rao Mangipudi, Rajesh Vaidya	A Study of Digitalization in HRM and its Effectiveness in Execution of HR Strategies and Policies	Helix Journal - The Scientific Explorer	October 2018	Helix Vol. 8(6): 4220-4222		ESCI
3	Dr. Anup R. Ranade	Critical Analysis of the Government Schemes and its Impact With Specific Reference to Human Resources Issues in the Unorganized Sector in Rural Areas	Helix Journal - The Scientific Explorer Helix Vol. 8(6): 4251 - 4255	October 2018	E-ISSN: 2319-5592; P-ISSN: 2277-3495	DOI 10.29042/2018-4251-4255	E-SCI

Placement Data of Department

Sr.No.	Name of Organization	Number of Students Placed
1	Adyant Education education Pvt. Ltd	2
2	Antraweb Technology Pvt Ltd.	1
3	ICICI Prudential Life Insurance Co Ltd.	5
4	India Shelter Finance corporation ltd	2
5	Indigo Airlines	1
6	Karvy	2
7	Property Pistol.com	13
8	Reliance Retail CSCM	2
9	Spacewood	4
	Total	32

DEPARTMENT OF PHYSICAL EDUCATION

Faculty Corner

Publications

SN	Name of the Authors	Title of the Paper	Name of the Journal/Conference/Book	Date of Conference/Publication	ISSN /ISBN	DOI, vol., Is., PP	SCI/Scopus/ICI / Other (index)
1	Prof. Saket Kanetkar	Comparative Effects of Selected Exercises on Basketball Playing Abilities	'Velocity' International Journal of Physical Education, Sports, Health and Recreation.	Sep 2018	ISSN: 2348-9057	Vol: 04; Issue: 02;	
2	Dr. Amrita Pande	An Exploratory Study of Team Cohesion and Self-Perception among Sportsperson.	'Velocity' International Journal of Physical Education, Sports, Health and Recreation.	Sep 2018	ISSN: 2348-9057	Vol: 04; Issue: 02;	
3	Dr. Amrita Pande	Role of Yoga in enhancing the fitness for Young India	AAYUSHI International Interdisciplinary Research Journal (Peer Review and Indexed Journal) National Conference on Role of Physical Education and Other Disciplines in enhancing the performance of players and fitness for Young and New India	24-12-2019	2349 638X	Dec 18	Impact Factor =4.574

Student's Corner:

Inter-University (All India University /West Zone University Meet) Participation:

Sr. No	Game/Event	Name of Student	Branch & Year	Level	Organized By	Date
1	Table Tennis (W)	Samruddhi Khamgaonkar	EC III	West Zone Inter University Championship	Kaviyitri Bahinabai Choudhari North Maharashtra University, Jalgaon	13-16 November 2018
		Shreshtha Gole	EN I			
2	Basketball (W)	Siddha Deshmukh	CSE I	West Zone Inter University Championship	Laxmibai National Institute of Physical Education, Gwalior	20-24 December 2018
		Sneha Tembhre	IND IV			
3	Football (M)	Vaibhav Singh Thakur	Mech III	West Zone Inter University Champ.	Mumbai	13-15 November 2018
4	Gymnastic (M)	Rushikesh Deshmukh	MCA	All India Inter-University Gymnastics Championship	Punjab University, Chandigarh	13-15 November 2018
5	Hockey (M) Qualified for ALL INDIA	Shivam Singh Thakur	EN III	West Zone Inter University Championship	Laxmibai National Institute of Physical Education, Gwalior	6-11 November 2018
6	Chess (W)	Kritika Verma	EN IV	West Zone Inter University Championship	Dr. Punjabrao Deshmukh KrishiVidyapeeth, Akola	29 Nov-3 Dec 2018
7	Lawn Tennis (M)	Shakuntal Pawar	BE First Year	West Zone Inter University Championship	Mohanlal Sukhadiya University, Udaipur	14-18 December 2018

Inter-Collegiate Tournaments:

Sr. No.	Game/event	Date of Tournament	Organized by/Venue	Position
1	Athletics (M)	13-17 October 18	University Athletic Ground, RTMNU, Nagpur.	1 bronze in 4x100mts relay Participated
2	Athletics (W)	13-17 October 18	University Athletic Ground, RTMNU, Nagpur.	
	Badminton (M)	15-17 October 18	Bhivapur Arts & Commerce College, RTMNU.	Lost the Quarters vs Arts, Com, Science College Pulgaon with the score of 1-2.
3	Basketball (M)	1-4 October 18	University Basketball Ground, RTMNU.	Participated
4	Basketball (W)	5-7 October 18	University Basketball Ground, RTMNU	Stood on Fourth position losing to MM Architecture College, Nagpur
5	Chess (M)	22-24 Oct 18	Priyadarshini Indira Gandhi College of Engineering, Hingna Road RTMNU, Nagpur.	Declared as the Runners up in the event
6	Chess (W)	22-24 Oct 18	Priyadarshini Indira Gandhi College of Engineering, Hingna Road RTMNU, Nagpur.	III Place in the Championship.
7	Volleyball (M)	9-12 October 18	Jyotiba College of Physical Education, RTMNU.	Participated and lost against host team 14-25; 15 - 25
8	Volleyball (W)	13-15 October 18	Jyotiba College of Physical Education, RTMNU.	Participated and Lost vs NSSM with the score of 9-25 5-25
9	Power - Lifting (M)	15-17 October 18	Tirpude College, RTMNU.	Participated
10	Cricket (M)	9-18 Dec 18	VNIT, Nagpur	Participated



Chess Men-Runner-up



Chess Women- III



Place



Football (M) Team Runner - Up in RTMNU

Inter-Branch Sports Cup:

The final Position of various Games/Sports organized during the Oct- NOV –Dec is as follows:

Games	Date	Winner	Runner-Up
Tag-Rugby	3-8 October	Industrial	IT
Cricket (W)	26-31 December	EC	MCA



The measure of life is not its duration but its donation, by this motive, NSS unit RCOEM organized a donation drive at BAAL SADAN SADAR, Nagpur. There was a collection campaign in the college prior to the donation drive. In this campaign the students were asked to donate stationery items such as pencils, pens, sketch pens, books etc. The collection was done by week long effort from 3-10th December.

- An interview for the post of Sports Organizers for II year students was conducted on 27/12/18 at 11.00 am in the Department of Health, Physical Education & Sports. Around 20 students appeared for the interview.

NSS

- Stationary Distribution at Bal- Sadan : 25th December 2018



QUARTERLY TEMPLE REPORT**Oct to Dec 2018**

Sr. No.	Functions Conducted	Date	Remarks
1	Navratri Ghat Stapna	10/10/18	9 Days navratri celebration in temple premises.
2	Baba ki Duj	11/10/18	Flower Decoration. Mahaarti followed by aarti and churma prasadi
3	Dashmi	19/10/18	Maha arti followed by Prasad distribution
4	Kojagiri Utsav	23/10/18	Kojagiri Utsav celebrated and snacks and milk distribution as Prasadi.
5.	Dipawali Laxmi Pujan	07/11/18	Laxmi Pujan done at temple, crackers and sweet distribution
6	Baba ki Duj	09/11/18	Flower Decoration Maha aarti followed by Churma Prasadi
7	Dashmi (Annakut)		Decoration by Vrundavan Artist Chappan Bhog display Maha aarti and Annakut Prasadi
8	Baba ki Duj	08/12/18	Flower Decoration Maha Aarti followed by Churma Prasadi
9	Dashmi	18/12/18	Maha Aarti followed by Bhog Prasadi
10	Dattatray Jayanti	22/12/18	Flower decoration Aarti and Prasad distribution
11	Every Tuesday	-	Sunderkand

SELF AWARENESS, EMPATHY, ATTITUDE AND EFFECTIVE COMMUNICATION

In today's world of ever volatile changes with advancement of Technology it has become very Competitive for the Graduating Technocrats to find a respectable place in the Corporate Sector or the Government job openings. Although after Graduating out of reputed Government and private Colleges with high academic credentials they are unable to qualify the preliminary rounds of group discussions and the personal interaction of the employing agency. An alarming census as on today is that we have more than 15, 00,000 Engineers graduating out every year out of which only 5, 00,000 get placed. As observed in the DAVOS Summit 2010 the world would need more than 40 million skilled manpower by 2020, it was observed that the world is graying and INDIA being a youngest nation where an average age of an Engineer is 24 years would be the country where the world would backup on but are we prepared for it ? When the majority of our technical manpower is not being able to seek employment in our country how can we stand up tall and tell the world that yes we can meet the projected global challenge. Technical knowledge only cannot help our technocrats they need additional skills to give them a holistic personality, and knowledge of soft skills and practicing them in their daily Schedule is the Solution.

Holistic personality development refers to developing yourself into the very best person you can be. Doing this means that we should be able to identify each of our strengths and weaknesses in the different areas of our personality. Without truly knowing ourselves, it would never be possible to improve ourselves. All-around personality development means giving equal attention to all aspects of your personality so that we can eventually figure out what is lacking and then work on it.

Below are the four areas contributing to a holistic personality:

Values : This is the core that makes up every personality. It refers to the set of ideals which guide all of our thoughts and actions. If an individual feels empty from within or feels that he or she does not have a stable foundation, this is the area that should be worked on. Although in a rich cultural society of India the Value foundation is done by parents and reinforced by teachers in School.

Character : This refers to the set of traits that make up our identity. A combination of different personality traits that make up an individual is also the thing that makes him or her unique.

Presentation : This refers to the physical or tangible part of the person such as the body, posture, gait, smile, handshake, even wardrobe. The way the world perceives us also affects how we perceive ourselves.

Interfacing : This is the social aspect of our personality, including communication skills (both verbal and non-verbal) and etiquette. Soft skills are the mother of a Holistic personality as these skills empower the individual to face everyday challenges. Self awareness, empathy, attitude and effective communication are very important.

By: Swati Naidu, 1993 Batch
Department of Electronics Engineering



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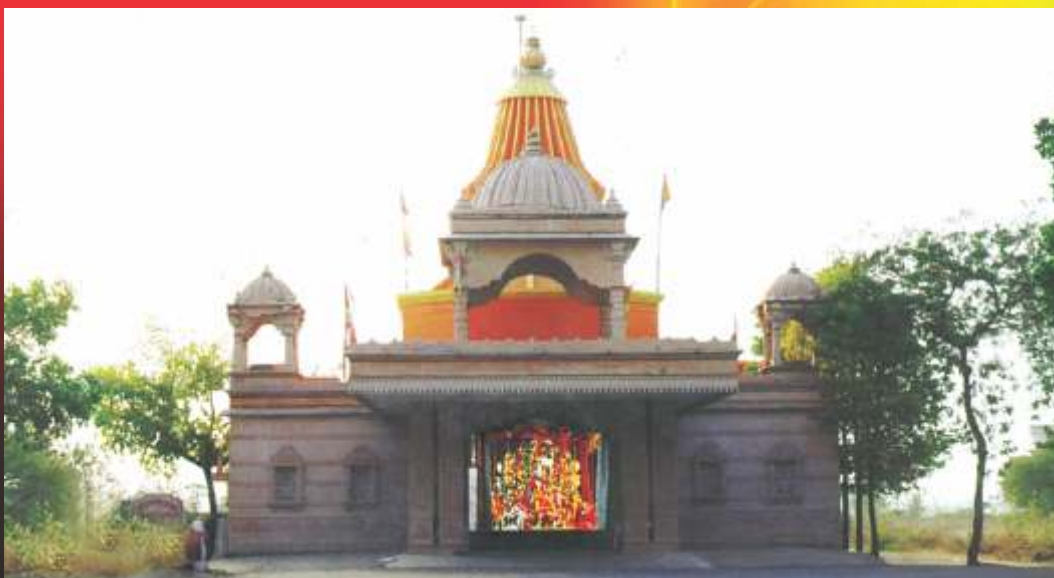
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