

REFLECTION NEWSLETTER

of SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT

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LETTER FROM THE EDITOR

Dear Readers,

The April-May-June 2018 issue is an account of the continuous efforts being put by the all the members of Ramdeobaba Family. The quarter witnessed participation of faculty members in various National and International conferences and papers being published in Journals of repute. The quarter saw a lot of faculty members contributing to the industry by way of delivering guest lectures and providing inputs for bringing improvement. Active participation of faculty members in FDPs to keep themselves updated with the latest in respective fields was another highlight of this quarter. FDPs were organised in collaboration with the Ministry. PhDs' were awarded and Patents filed. Lot of our members were also nominated in BoS (RTMNU) of different streams.

The students also left no stones unturned. Not only did they excel in different workshops, they also successfully completed internships and secured lucrative job offers. Research papers of students were also published in Journals and quite a few students got selected for higher studies in Institutes and Universities of repute within and outside India. The students also successfully developed and tested the Electric Vehicle in the College.

Overall, this quarter has been significant in terms of achievements and as Henry Ford said "If everyone is moving forward together, then success takes care of itself."

Enjoy Reading

Team 'Media Expression'

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THE REAL KING

Once upon a time there was a King. His name was Vikranta, he was a very kind and just ruler. He considered it his duty to ensure that everyone in the kingdom had a good life. In order to ensure that his subjects were having a good life, he took several measures and always looked at providing solutions. He used to organize Job fairs for providing suitable opportunities, he opened Schools for educating the children, organized skill development camps for females, so that they could start their own ventures.

As is the case with every human being, he too had weaknesses. He used to trust people easily and used to get influenced by sweet talk. He had a council of nine ministers in whom he reposed a lot of trust and confidence. Among the nine ministers, he liked 2 of them more than the others. Unfortunately, both of them were corrupt and had evil intentions. So, even though the king's intentions were very good and he only dreamt of creating a prosperous and happy kingdom, the reality was quite different.

The duo always misguided the King. The two of them came up with different plans to accumulate wealth and became richer by the day. They, used to charge the females for the skill development camps and later on would also charge a royalty from their earnings. All this was done in the name of the King. The poor people agreed to this because they believed in their King. The duo also levied excess taxes and kept the additional amount with them.

The people were finding it difficult to cope with the increasing demands of the King, but no one complained. Slowly and steadily unrest was building up. The duo framed policies where by one set of people were given preferential treatment as compared to the others. People gradually started leaving the town in search for better opportunities.

The King was blissfully unaware of all this. The rest of the ministers were not strong enough to protest. One day the King's cousin brother, who was also a King, visited Vikranta with his 10 year old son, Shantanu. The boy was intelligent and a good judge of human beings. He attended the court and within two days he understood the reality. He then started his investigations and within a week's time the entire picture

became clear to him. He wanted to tell his uncle the entire truth but instead he made a plan. He found out that the head cook of the palace was relieved, of his services on some flimsy grounds, by the two corrupt ministers and an incapable person was appointed. Shantanu, found out that the staff members in the royal kitchen were not happy with the development and found it difficult to meet the demands of the new head cook and the two ministers. He met the two staff members, made a plan and somehow managed to expose the new head cook in front of the King.

Now, a doubt was created in the mind of the King. The next night Shantanu disguised himself and the King as sadhu and visited some parts of the kingdom. This continued for some days and within five days the King understood the reality and his own mistakes. He removed the two ministers. He also felt that he was equally at fault, so he performed the duties of a King but without enjoying the privileges of a King. He recreated his team. He created an environment of mutual trust and instilled confidence in his subjects. He trusted people but never had blind trust. This way he ruled for a number of years and succeeded in creating a happy and prosperous kingdom. He became a King in the real sense of the term, for now he was Just, Fair, had Clarity of Thought and Vision.

Friends, the story is old, but it still has relevance. Inside all of us is a king (who wants to be fair and just) and there are two ministers inside us who want us to be in our comfort zone and see the things through their glasses and there is also a Shantanu, who is detached, observant, analytical and has clarity. Shantanu, wants us to get out of the comfort zone and see the ground reality by walking the path and facing the reality.

We should all strive to be a King in the real sense of the term, free from weaknesses and should always refer to Shantanu.

As Robert Evans said " There are three sides to every story- yours, mine and the truth".

Choose your side.

DEPARTMENT OF CIVIL ENGINEERING

• STUDENTS' ACCOMPLISHMENTS

Final year students of civil engineering were placed in several companies, the details are as follows:

Sr. No.	Name of the student	Shift	Placed in	Date
1	Arya A grawal	II	HSM Edifice Pvt. Ltd.	10/05/2018
2	Kalyani Nafde	I	HSM Edifice Pvt. Ltd.	10/05/2018
3	Shivani Padhye	I	HSM Edifice Pvt. Ltd.	10/05/2018

• FACULTY CORNER

1. Publication in International and National Journals

1. Prof. N. S. Agrawal, Prof. R. N. Khapre, Prof. P. B. Kulkarni, Prof. P. D. Pachpor, Prof. D. Nakhate, published a paper titled "A Parametric Study Of Residual Stress In Plate" in International Journal Of Engineering & Technology (IJET), Volume 7, Issue 21, 29 May 2018, pp. 127-130
2. Mr. Nikhil Ghate, Prof. S. P. Siddh published a paper titled "Seismic Demand of Soft Storey Building and Its Strengthening for Seismic Resistance" in International Journal Of Civil Engineering & Technology (IJCIET), ISSN Print: 0976-6308 and ISSN Online: 0976-6316, Volume 9, Issue 5, May 2018, pp. 602-610
3. Mr. Mayank Vyas, Prof. S. P. Siddh published a paper titled "Comparative study of seismic response of structures in different seismic zones of India considering different types of soil" in International Journal of Civil Engineering & Technology (IJCIET), ISSN Print: 0976-6308 and ISSN Online: 0976-6316, Volume 9, Issue 5, May 2018, pp. 751-760
4. Prof. P. D. Hiwse, Mr. Shashank Bisen, Mr. Pratik Surana published a paper titled "Adoption of Programming Codes in the Design of Earth

Retaining Wall in Different Backfill Conditions" in The International Journal of Engineering and Science (IJES), (e)ISSN : 2319 – 1813 (p)ISSN : 2319 – 1805 ,(p): 23-19 – 1805 Volume 1, Issue THE IJES : Special Issue Archive 2018, Pages 47-53

5. Prof. P. D. Hiwse, Aditi Joshi, Mr. Akash Keshariya published a paper titled "Comparison between Manual and Software Approach towards Design of Structural Elements" in The International Journal of Engineering and Science (IJES), (e)ISSN : 2319 – 1813 (p)ISSN : 2319 – 1805, (p): 23-19 – 1805 Volume 1, Issue THE IJES : Special Issue Archive 2018, Pages 54-56
6. Mr. Bhavesh Sahani, Prof. P. D. Hiwse, Prof. P. P. Dahale Published a paper titled. "Seismic behaviour of flat slab building with shear wall according to IS 1893 2016" in International Journal of Civil Engineering & Technology (IJCIET) ISSN Print : 0976 – 6308 ISSN ONLINE : 0976 – 6316, Volume 9, Issue 5, May 2018, Pages 955-963
7. Mr. Kushalkumar Yadav, Prof. P. D. Hiwse, Dr. Ramesh Meghrajani, published a paper titled "Study the behaviour of cold form c section

- purlins under bending” in International Journal of Civil Engineering & Technology (IJCIET) ISSN PRINT:0976-6308 ISSN ONLINE : 0976 – 6316, Volume 9, Issue 5, May 2018, Pages 964–968
8. B. M. Anjankar, Prof. P. D. Hiwse, Prof. P. P. Dahale, published a paper titled “Experimental study on settlement behaviour of pile raft foundation in dry sandy soil” in International Journal Of Civil Engineering & Technology (IJCIET) ISSN PRINT : 0976 – 6308 ISSN ONLINE : 0976 – 6316, Volume 9, Issue 5, May 2018, Pages 1229-1236
 9. Prof. T. K. Rao, Prof. H. D. Bhave published a paper titled “Classification of Foundation Soil: Using Geoinformatics (GIS)”, International Journal of Civil Engineering & Technology, ISSN Print: 0976-6308 and ISSN Online: 0976-6316, Volume 9, Issue 4, April.
 10. Prof. T. K. Rao published a paper titled “Slope Stability Analysis Of Geocell Supported Embankment”, in International Journal of Civil Engineering & Technology, ISSN Print: 0976-6308 and ISSN Online: 0976-6316, 2018, pp. 1199–1207
 11. Dr. M. S. Kadu, Dr. Amit Padade published a research paper titled “Study Of Expanded Polystyrene (Eps) Based Geo-material With Fly Ash: A Review” in International Journal of Civil Engineering & Technology, ISSN Print: 0976-6308 and ISSN Online: 0976-6316, Volume 9, Issue 5, May 2018, pp. 517–523
 12. Prof. T. K. Rao published a paper titled “To classify the landuse/ landcover of Nagpur City: Using Geoinformatics”, International Journal of Global Technology Initiatives”, ISSN Print: 2277-6591 and ISSN Online: 2320-1207, Volume 6, Issue 1, April 2018.
 13. Prof. P. P. Dahale, “Advancement of support system for underground drift excavation – A review”, International Journal of Civil Engineering and Technology”, volume 9, issue 6, 332-339
 14. Prof. P. P. Dahale, Published a paper titled “Experimental study on settlement behavior of piled raft foundation on dry sandy soil”, International Journal of Civil Engineering and Technology volume 9, issue 6, 1229-1236.
- ## 2. International and National Conference
1. Prof. T. K. Rao? “To classify the landuse/landcover of Nagpur City: Using Geoinformatics” 6th International Conference Global Technology Initiatives, Rizvi College of Engineering, Bandra Mumbai held on 29-30 April 2018.
 2. Prof. H. P. Khungar? “Study of behaviour of flat slab with openings adjacent to columns with different shapes according to IS:456-2000” International Conference On Materials, Applied Physics & Engineering (ICMAE 2018), Indore held on 3rd June and 4th June 2018 Effotel Hotel, Indore.
 3. Prof. H. P. Khungar? “Seismic response of low rise and high rise structures on different types of foundation with varying soil types”, International Conference On Materials, Applied Physics & Engineering (ICMAE 2018), Indore held on 3rd June and 4th June 2018 Effotel Hotel, Indore.
 4. Prof. V. R. Harné? “Analysis of RC frame building with inclusion of soil structure interaction”, International Conference on Materials, Applied Physics & Engineering (ICMAE 2018), Indore held on 3rd June and 4th June 2018 Effotel Hotel, Indore.
 5. Prof. V. R. Harné? “Comparision of various methods for analysis of masonry arch bridge”, International Conference On Materials, Applied Physics & Engineering (ICMAE 2018), Indore held on 3rd June and 4th June 2018 Effotel Hotel, Indore.
 6. Prof. N. S. Agrawal? Prof. R. N. Khapre P. B. Kulkarni, P. D. Pachpor, D. Nakhate, “A Parametric Study of Residual Stress in Plate” 6th International Conference on Contemporary Engineering and Technology, held on, 10-11 March 2018 in Chennai.

3. Guest Lecture Delivered

- Prof.R. N. Khapre? “Application of Finite Element Analysis in Civil Engineering”, 21 June 2018, MOIL P. R. Pote (Patil), College of Engineering & Management, Amravati were the staff and students.
- Prof V. J. Rajurkar? “Importance and Methods of Geotechnical exploration: Advance techniques of stabilization” on 18th May, 2018, for newly recruited

A.E-II in W.R.D at Regional Training Centre, Nagpur.

WORKSHOP/ CONFERENCE ATTENDED

- Prof.U.Patil, Prof.N.S.Agrawal participated in a two days workshop on “Sustainable Construction: Materials and Technologies”, 12-13 April 2018 , held in Civil Department ,RCOEM, Nagpur.

Department organized a national level workshop, the details are as follows

Topic of Guest Lecture	Date	Names of the Co-ordinators
“Sustainable Construction : Materials and Technologies”	12/04/2018 to 13/04/2018	Prof. V. J. Rajurkar, Dr. V. A. Dakwale, Prof. H. P. Khungar and Prof. Ram Kinhikar

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

DEPARTMENTAL CORNER

Summer Courses by E&ICT Academies

Ministry of Electronics and Information Technology [MeitY] under the Government of India Initiative for Employability Enhancement has established seven Electronics and ICT [E&ICT] Academies. Department of Computer Science and Engineering, being the Local centre for Summer Courses, successfully conducted three Faculty Development Programmes of one week each under the supervision of Dr. Manoj B.Chandak, Head, CSE Department which was organized under this initiative by MeitY, Govt. of India,

These courses were conducted by Electronics and ICT Academies through National Knowledge Network under the “Scheme of Financial assistance for setting up of E&ICT Academies” by Govt. of India. No registration fee was charged for participation in the course. Dr. Rajesh S. Pande, Principal, RCOEM was the NKN Facility In-Charge for the courses.

FDP on AI and Machine Learning



Dr. M. B. Chandak, Head, CSE, Prof. Dilipkumar A. Borikar, Coordinator, FDP on AI&ML and other Participants at Local Center, RCOEM Nagpur.

Department of Computer Science & Engineering, RCOEM, organized a 5-Day FDP on “AI and Machine Learning” during June 04-08, 2018. The course was delivered by E&ICT Academies, Indian Institute of Technology, Roorkee and Malaviya National Institute of Technology [MNIT], Jaipur as coordinating and co-coordinating academies respectively. In all 31 teaching faculty members participated in the FDP from different engineering institutes of the region.

The course focused on data pre-processing, supervised & un-supervised learning, feature engineering for computer vision and recommendation systems using microblogs. The laboratory sessions were conducted under supervision and assistance from IIITDM Jabalpur using Python 3.6 and SKLearn under Anaconda IDE environment. The course was coordinated by Prof. Dilipkumar A. Borikar and Prof. Heena Agrawal.

FDP on ANN and Deep Learning



Participants receiving course contents delivered using NKN Mode at Local Center, RCOEM Nagpur



Participants of 'ANN and Deep Learning' along with the coordinators.

FDP on “ANN and Deep Learning” was conducted from 11th June to 15th June 2018 by E&ICT academy IIITDM, Jabalpur. Faculties from IIT Roorkee, IIITDM Jabalpur, NIT Warangal, IDRBT Hyderabad and University of Hyderabad delivered the online lectures on the various fields, challenges and applications of ANN & Deep learning with some hands-on practices.

The FDP was attended by 24 participants from all over Maharashtra. Dr. S. S. Aote and Prof. Neha Tirpude coordinated the workshop under the guidance of Dr. M. B. Chandak, HOD, CSE.



Dr. M. B. Chandak, Coordinator, FDP IoT, and all participants at RCOEM, Nagpur

FDP on Internet of Things

The department conducted an FDP on “Internet of Things” from 18th June to 22nd June 2018 by E&ICT academy IIT Roorkee. Faculties from IIT Kharagpur, IIT Kanpur, NIT Warangal, IIIT Hyderabad delivered the online lectures on the various topics such as Fog Computing, AWS IoT Platform, IoT Communication Protocol Stack and various security issues in Online Networks. XTrans Solutions Pvt. Ltd. conducted the session on creating a cloud platform, Data Analytics and Data Harvesting. The theory sessions were followed by lab sessions which consisted of hands-on practice with Raspberry Pi3 and AWS Cloud. 21 participants had registered for the FDP from all over Maharashtra. Dr. M. B. Chandak and Prof. Vasundhara Rathod coordinated the workshop.

TRAININGS AND WORKSHOPS FOR STUDENTS

Expert Talk on “Amazon Web Services”

- An expert talk on “Amazon Web Services” was organized by Department of Computer Science and Engineering. 55 students from third year and final year CSE attended the workshop. Mr. Ajinkya Soitkar, Trainer and Strategy Implementer, Amazon, India delivered the lecture from 11 a.m. to 1 p.m. on 22nd June 2018. He briefed the students about creation of cloud servers, data nodes and their replication. He also demonstrated data management on cloud, data access strategies, cloud security and hardware management. The expert talk was organized under the guidance of Dr. M. B. Chandak.

Workshop On “Basic Programming Using Python”

Department of Computer Science and Engineering organized a free Remote-assisted Three days workshop on “Basic programming using Python” for students of second year and third year conducted by IIT Bombay. The workshop was organized for third year students of the department from 23rd to 25th May 2018, and for second year students from 29th to 31st May 2018. The workshop comprised of interactive sessions and hands-on experience in Python programming with many practice sessions and quizzes. Graded Certificates were provided to the students.



Participants from third year attending the workshop broadcasted from IIT Bombay



*Participants of second year with the coordinators
(L-R: Prof. S. Jain, Dr. R. Hablani, Dr. M. B. Chandak,
Prof. K. Kalyani and Dr. S. S. Aote)*

A total of 32 participants from third year registered for the programme, which was coordinated by Dr. S. S. Aote & Prof. A. R. Raipurkar, whereas 33 students from second year attended the workshop which was coordinated by Dr. Ramchand Hablani, Prof. Kanak Kalyani and Prof. Sweta Jain under the guidance of Dr. M. B. Chandak, HOD, CSE.

FACULTY CORNER

Faculty Achievements

- Dr. M. B. Chandak and Prof. Khushboo Khurana authored a book on “Compiler Design” published by Univesity Press in June 2018.

Trainings and Workshops Attended

- Prof. Shubhangi Tirpude participated in Faculty Development Programme on “AI and Machine Learning “organized by E&ICT Academy through NKN at RCOEM, Nagpur from 11th June to 15th June 2018.
- Prof Vasundhara Rathod and Prof. Dilipkumar A. Borikar participated in Faculty Development Programme on “AI and Machine Learning “and “ANN and Deep Learning” organized by E&ICT Academy through NKN at RCOEM, Nagpur from 4th June to 8th June 2018 and 11th June to 15th June 2018 respectively.
- Dr. Shubhangi Neware participated in Faculty Development Programme on “ANN and Deep

Learning “and “Internet of Things” organized by E&ICT Academy through NKN at RCOEM, Nagpur from 11th June to 15th June 2018 and 18th June to 22nd June 2018 respectively.

- Prof. Sweta Jain participated in Faculty Development Programme on “ANN and Deep Learning “organized by E&ICT Academy through NKN at RCOEM, Nagpur from 11th June to 15th June 2018. She also attended an STTP on “Emerging Trends in NLP: Techniques and Applications” organized by IT Department, RCOEM, Nagpur from 2nd May to 7th May 2018.

Papers Published

- Dr. M. B. Chandak authored a paper entitled “ONCTR: Optimum Number of Clusters and Transmission Range based Clustering in Wireless Sensor Networks” published in E-SCI indexed journal HELIX, Vol.8, Issue.6, pp.3454-3462 in Jan 2018.
- Dr.M. B. Chandak authored a paper entitled “A Uniform Query Framework for Heterogeneous System and Its Response Time Analysis” in Scopus indexed Journal of Advance Research in Dynamical and Control System by Elsevier in July 2018.
- Dr. M. B. Chandak's paper titled “Comparative Study of String Matching Algorithms for DNA dataset” was published in ICI indexed International Journal of Computer Sciences and Engineering. ISSN: 2347-2693, Vol.6, Issue.5, pp. 1067-1074 in May 2018.
- Dr. Swati Hira's paper titled “Estimating the difference of agriculture productivity in ASIAN regions” was published in Scopus Indexed International journal of Engineering and Technology (UAE), ISSN: 2227-524X, DOI: 10.14419/ijet.v7i2.4.13025, 7(2.4), 2018, May 2018.
- Dr. S. S. Aote published a paper titled “Travel Location Sequence Recommendation From User's Point of Interest” in Scopus indexed International

journal of Engineering and Technology (UAE), ISSN: 2227-524X, DOI: 10.14419/ijet.v7i2.12484, 7(2)(2018) 772-776, May 2018.

- Dr. Swati Hira and Dr. Shubhangi Neware published a paper titled “IPV4 and IPV6 based hybrid approach for spam and virus detection” in Scopus indexed International journal of Engineering and Technology (UAE), ISSN: 2227-524X, DOI: 10.14419/ijet.v7i2.4.13026, May 2018.
- Prof. D. A. Borikar published a paper entitled “User Mood Prediction on Twitter Network with Sarcasm Detection” in Scopus indexed Journal of Engineering and Applied Sciences, ISSN:1816-949x (Print), ISSN:1818-7803 (Online), Volume 12, Issue 7 SI, DOI: 10.3923/jeasci.2017.8025.8029, April 2018.
- Prof. K. Khurana and Prof. S. G. Mundada published a paper entitled “Image Caption Generation: A Survey” in ICI indexed International Journal of Computer Sciences and Engineering. ISSN: 2347-2693, Vol.6, Issue.3, pp.256-262 in March 2018.

STUDENTS' ACCOMPLISHMENTS

- Shubham Puranik of Final year shift I completed his internship at Siemens Technology and Services Private Limited from 16th January to 13th July 2018 at Siemens, Pune.
- Ayush Jaiswal, Saniya Khan and Shashank Bhalotia of VIII semester first shift scored 99.34, 93.53, 92.7 percentile respectively in GATE 2018.
- Anushree Rambhad, Himani Nimje and Ayushi Dipte of VIII semester second shift scored 98.7, 98.6, 86.6 percentile respectively in GATE 2018.
- Shubham Shrivastava VIII semester first shift bagged the 1st runner up position at Project Competition held at Persistent Systems Ltd. in April 2018.
- As official developer, Sai Shashank Mudliar of VI semester shift I had been invited for keynote address at Mumbai for DEV-SWAG India by Amazon. The

event took place from 1st March 2018 to 31st March 2018.

- Vishal Singh of VI semester shift I participated in workshop on “Deep Learning” and “DevOps” conducted under Accenture Learning Symposium on 21st February 2018.
- Yogesh Kothari of VI semester shift I won the 1st position in “Insomniac” overnight coding competition held at JIT, Nagpur on 23rd February 2018.
- Harsh Modi of VI semester shift I completed internship as Intern-Campus Ambassador at Abyeti Technologies Pvt. Ltd. From 11th January 2018 to 5th April, 2018.
- Harshit Agnihortri, Siddharth Khandelwal, Anay Jain, Siddesh Agrawal and Swapnil Dubey of V semester, first shift, completed an industry project “Veterinary Hospital Management System” for Teaching Veterinary Clinical Complex, Nagpur Veterinary College, Nagpur from July 2017 to December 2017.

STUDENTS' PUBLICATIONS

- Garima Devnani, Ayush Jaiswal, Roshni John and Rajat Chaurasia of VIII semester first shift published a paper entitled “Performance Evaluation of Fine-tuned Faster R-CNN on specific MS COCO Objects” in International Journal of Electrical and Computer Engineering (ISSN: 2088-8708) in June 2018.
- Vedant Dhamde, Ameya Pacholi and Shreyas Ragit of VIII semester first shift published a paper entitled “IOT based Garbage Management System” in International Journal of Computer Sciences and Engineering. (ISSN: 2347-2693) in June 2018.
- Piyush Jain, Kaustubh Bhat, Harshal Kesharwani and Pritesh Bhate of VIII semester first shift published a paper entitled “Stock Market Analysis and Prediction using Hadoop and Machine Learning” in

International Journal of Computer Sciences and Engineering. ISSN: 2347-2693, Vol.6, Issue.5, pp.578-584 in May 2018.

- Tarun Lalwani, Ashish Pal, Shashank Bhalotia and Shreya Bisen of VIII semester first shift published a paper entitled “Implementation of a Chat Bot System using AI and NLP” in International Journal of Innovative Research in Computer Science & Technology. ISSN: 2347-5552, Vol.6, Issue.3 in May 2018.
- S.R. Chheda, A.K. Singh, P.S. Singh and A.S. Bhole of VIII semester second shift published a paper titled “Automated Trading of Cryptocurrency Using Twitter Sentimental Analysis” in International Journal of Computer Sciences and Engineering. ISSN: 2347-2693, Vol.6, Issue.5, in May 2018.
- Ayushi Shrivastava and Aditi Bagora of VIII semester first shift published a paper entitled “Extractive Technique for Text Summarization based on Ranking Scheme” in International Journal of Computer Sciences and Engineering. ISSN: 2347-2693, Vol.6, Issue.4, pp.369-373 in April 2018.

TOPPERS LIST

IV Semester

Rank	Name of the Student	SGPA
SHIFT I		
1	Kashmira Kishor Deshpande	9.87
2	Umang Govind Lahoti	9.76
3	Shruti Sunil Bichpuriya	9.64
4	Rida Mohammed Zuber	9.2
5	Vedita Ashish Deshpande	9.04
SHIFT II		
1	Rajat Shrinarayan Agrawal	9.96
2	Rakshit Bhagwat Kathawate	9.96
3	Surbhi Mukesh Khatri	9.76
4	Janhavi Shashank Tatewar	9.56
5	Vaishnav Arun Gadegone	9.51

VI Semester

Rank	Name of the Student	SGPA
SHIFT I		
1	Urvashi Rajkumar Kodwani	10
2	Ruchit Purshottam Bhardwaj	9.96
3	Sonal Sanjay Rajurkar	9.87
4	Vinita Mahesh Lalwani	9.78
5	Yogesh Rajesh Kothari	9.76
SHIFT II		
1	Khushboo Mohan Bhatia	9.93
2	Ashita Sanjay Agrawal	9.76
3	Anshika Choudhary	9.7
4	Vasu Agrawal	9.5
5	Mohit Vijay Phulsunge	9.46

VIII Semester

Rank	Name of the Student	SGPA
SHIFT I		
1	Ashish Manoj Pal	10
2	Aditi Sanjay Bagora	9.88
3	Shashank Bhalotia	9.84
4	Shubham Sunil Puranik	9.82
5	Piyush Jain	9.69
SHIFT II		
1	Himani Dharmendra Nimje	9.45
2	Ayushree Ajay Sharma	9.37
3	Priti Santosh Singh	9.35
4	Shubham Anant Yelekar	9.27
5	Yogesh Vishwanath Jog	9.27

DEPARTMENT OF ELECTRICAL ENGINEERING

FACULTY CORNER

A. Guest Lecture Delivered

- i. Prof. G. N. Goyal, Assistant Professor in Electrical Engineering Department delivered an expert lecture on the topics, "Servo Motor Basics", held on 23rd May and "Industrial Applications of Servo Motor" and "Tacho-Generator" held on 24th May 2018 during one week course on "POWER ELECTRONICS & SERVO MOTORS (EC-17)" organized by Ordnance Factory, Ambajhari, Nagpur. The event witnessed the participation from the staff of entire ordnance factories across the India.
- ii. Dr. Mohan Renge, Professor in Electrical Engineering Department delivered an expert lecture on the topics, "Motor Drivers and Their Industrial Applications" held on 24th May 2018 during one week course on "POWER ELECTRONICS & SERVO MOTORS (EC-17)" organized by Ordnance

Factory, Ambajhari, Nagpur. The event witnessed the participation from the staff of entire ordnance factories across the India.

- iii. Dr. Mohan Renge, Professor in Electrical Engineering Department delivered an expert lecture on the topics, "Overview of Electric Drives & Control and Introduction to FACTS Device-STATCOM" on 19th June 2018 during one week ISTE approved STTP on "Research Applications and Computational Intelligence Techniques in Electrical Engineering" organized by P. R. Pote Patil Edu. & Welfare Trust's Group of Institutions, College of Engineering & Management, Amravati.

B. Paper Published

- i. Prof Sangita Deshmukh along with Medha Giri, Prof V. T. Barhate and Prof D. R. Tutkane, published a paper titled "Novel Z-Source High Frequency High Power Factor AC-DC Converter", in an International

Journal of Applied Engineering Research in the month of April 2017 ISSN 0973-4562 Volume 13, Number 8 (2018) pp. 6306-6314 by Research India Publications.

- ii. Prof Sangita Deshmukh along with Medha Giri, Prof V. T. Barhate and Prof D. R. Tutkane, presented & published a paper titled, "Unity Power Factor Three Phase Induction Motor Drive Using Combined Extinction Angle and PWM Controlled Technique," An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System (ICSEDPS), GHRCE, Nagpur, 12th-13th June 2018.
- iii. Prof Prachi Salodkar along with Dr.M.M.Renge published a paper titled, "dsPIC Based Implementation of SPWM Techniques for Multilevel Inverters" An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System (ICSEDPS), GHRCE, Nagpur, 12th-13th June 2018.
- iv. Prof Rupal Agrawal and Dr.T.G.Arora presented & published a paper titled, "Designing of Numerical Directional Overcurrent Relay" An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System (ICSEDPS), GHRCE, Nagpur, 12th-13th June 2018.

C. Special Achievements:

- i. Prof. Vinay Barhate has been awarded a Ph.D. degree and the Notification to that effect is published on 9th May 2018 by R. T. M. Nagpur University. The Title of Thesis is "Adoptive Combined Neuro-Fuzzy Approach for Enhancement of Reliability in Transformer Protection". The research was carried at RTMNU's approved Research Centre, Department of EE, RCOEM, under the supervision of Dr. K.L.Thakre and Dr. S.S.Limaye.
- ii. Patent has been filed by Prof. P.R.Sawarkar and Dr. V.T.Barhate with title: "Construction of Variable Voltage & Amp; Variable Frequency Alternating

Voltage from DC using series connected ultra-capacitors", which has been acknowledged by the office of Intellectual Property, Govt of India.

STUDENTS' ACCOMPLISHMENTS

A. Student's Result

The semester wise Top -5 Students as per Merit List of the Department is as follows :

BE, VIII Semester :

Name of student	Department Merit Rank	CGPA
Shrutika Patel	1	9.91
Dhiraj Narayan Kumar	2	9.73
Vaishnavi Sanjay Deshmukh	3	9.65
Subham Parasramka	4	9.61
Vaishnuv Lande	5	9.27

BE, VI Semester :

Name of student	Department Merit Rank	CGPA
Akhilesh Payaskar	1	9.85
Rohan Shriwastava	2	9.55
Ayushi Malewar	3	9.52
Abhishekh Bhagat	4	9.33
Vignesh Iyer	5	9.29

BE, IV Semester :

Name of student	Department Merit Rank	CGPA
Shrutika Patel	1	9.91
Dhiraj Narayan Kumar	2	9.73
Vaishnavi Sanjay Deshmukh	3	9.65
Subham Parasramka	4	9.61
Vaishnuv Lande	5	9.27

B. Placement

In the month of April-June 2018, Students of Final Year Electrical got the placement in following companies:

Student Name	Company	Date of Placement
Ankit Sanodia	Alacrity E-commerce Solutions	16-04-18
Kapish Maurya	Torrent Power	30-06-18
Shivani Bojalwar	Torrent Power	30-06-18
Vaishnavi Ingale	Torrent Power	30-06-18
Hitesh Chaudhari	Torrent Power	10-07-18
Rohan Baghele	Torrent Power	10-07-18

C. Paper Presentation

- i. Vishnu Sree Kumar, Sajal Sahu, Rishikesh Dongre student of BE Electrical along with Prof Sheetal Umredkar, presented & published a paper titled "A Hybrid Charging for Electric Vehicle using BLDC Motor," 4th International Conference on Recent Challenges in Engineering and Technology (ICRCET-18) Organised by Institute of Engineering Research and Publication (IFERP) at Pune, 2nd-3rd April 2018.
- ii. Miss Diksha S. Ramteke student of M. Tech. (PEPS) along with Prof Manisha B. Gaikwad, presented & published a paper titled "DC-DC Converter for Electric Vehicular Application," 4th International Conference on Recent Challenges in Engineering and Technology (ICRCET-18) Organised by Institute of Engineering Research and Publication (IFERP) at Pune, 2nd-3rd April 2018.
- iii. Miss Diksha S. Ramteke student of M. Tech. (PEPS) along with Prof Manisha B. Gaikwad, presented & published a paper titled, "Isolated DC-DC Converter Fed DCMotor for Bidirectional Electric Vehicular Application," An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System (ICSEDPS), GHRCE, Nagpur, 12th-13th June 2018.
- iv. Miss Priyanka Narnaware student of M. Tech. (PEPS) along with Prof Mrs. Vijaya Huchche, presented & published a paper titled, "Control of single phase dynamic voltage restorer (DVR) to mitigate voltage sag," An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System (ICSEDPS), GHRCE, Nagpur, 12th-13th June 2018.
- v. Miss Sharvary Lihitkar student of M. Tech. (PEPS) along with Prof Mrs. Sonali Rangari, presented & published a paper titled, "Comparative Study of IPD and POD for Three level Five Phase Inverter," An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System (ICSEDPS), GHRCE, Nagpur, 12th-13th June 2018.
- vi. Miss Minakshi Bopche student of M. Tech. (PEPS) along with Prof Mrs. Preeti Kapoor, presented & published a paper titled, "Comparative Analysis of Modulating Technique in Three Level Cascaded H-bridge Inverter" An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System (ICSEDPS), GHRCE, Nagpur, 12th-13th June 2018.
- vii. Miss Ayushi Dubey student of M. Tech. (PEPS) along with Prof. Uday Mujumdar, presented & published a paper titled, "On the Interfacing of Photovoltaic System Inverter with Utility Grid," An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System

- (ICSEDPS), GHRCE, Nagpur, 12th-13th June 2018.
- viii. Pushpak Nimbar student of M. Tech. (PEPS) along with Prof T. G. Arora, M. Tech student Parikshit Bange and Priyanka Narnaware, has presented & published a paper titled, "Over-Flux Protection of the Transformer," An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System (ICSEDPS), GHRCE, Nagpur, 12th-13th June 2018.
- ix. Ayushi Dubey student of M. Tech. (PEPS) along with M. Tech student Anshada Chandekar and Minakshi Bopche, has presented & published a paper titled, "A Preliminary Study on Harmonics Generated by the Grid-Connected PV System on Distribution Transformer," An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System (ICSEDPS), GHRCE, Nagpur, 12th-13th June 2018.
- x. Piyali Saha student of M. Tech. (PEPS) along with Prof Sangeeta Deshmukh, Prof Mohan Renge and Prof Vinay Barhate, has presented & published a paper titled, "Modelling and Simulation of Solar Photovoltaic Fed DC Motor for Sewing Machine using MPPT," An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System (ICSEDPS), GHRCE, Nagpur, 12th-13th June 2018.
- xi. Prachi Hatwar student of M. Tech. (PEPS) along with student Rohan Bhende, Juhi Ingole and Prof. Sanjay Bodkhe, has presented & published a paper titled, "Power Sharing in Electric Vehicle using Hybrid Energy Storage System," An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System (ICSEDPS), GHRCE, Nagpur, 12th-13th June 2018.
- xii. Punam Mondekar student of M. Tech. (PEPS) along with Prof Gaurav Goyal, has presented & published a paper titled, "Generation of SPWM control pulses for Voltage Source Inverter using DSPIC33EP 256MU810," An IEEE PES Co-sponsored

International Conference on Smart Electric Drives and Power System (ICSEDPS), GHRCE, Nagpur, 12th-13th June 2018.

- xiii. Rohan Berde student of M. Tech. (PEPS) along with Prof Manjusha Palandurkar and Prof S. Tarnekar, has presented & published a paper titled, "Ultra Low Frequency Low power Oscillator using Ultra-Capacitor and Advanced Flywheel," An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System (ICSEDPS), GHRCE, Nagpur, 12th-13th June 2018.
- xiv. Gaurav Ingle student of M. Tech. (PEPS) along with Prof Sheetal Umredkar, M. Tech student Prachi Hatwar, Minakshi Bopche and Kunal Sen, has presented & published a paper titled, "A Sine Pulse Width Modulation based Four Leg Voltage Source Inverter Drive for Asymmetrical Two Phase Induction Motor," An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System (ICSEDPS), GHRCE, Nagpur, 12th-13th June 2018.

D. Significant Achievements

Electric Vehicle tested successfully at Shri Ramdeobaba CoE&M, Campus.

Driven by the zeal for innovation, a group of final year Electrical Engineering students from Shri. Ramdeobaba College of Engineering and Management, Nagpur, have developed an Electric Vehicle which happens to be the first of its kind to be ever developed and tested in the institution.

The Vehicle is fitted with a 48V Brushless DC motor with 4 Re-chargeable batteries and can run at a speed ranging between 25 - 30 km/hr. The vehicle is a single seated and off-Road it weighs around 320 kg. Recently, the vehicle was tested on the college campus by the students and faculty members.

The Project was undertaken by 3 students of Department of Electrical Engineering, Vishnu Sreekumar, Sajal Sahu, Rishikesh Dongre who spent almost 6 months for researching about Electric Vehicles, it took 50 days to

complete the fabrication and assembly work of vehicle parts of electrical components under the supervision and support of Prof. S.V Umredkar, Project Guide , Dr. M.M Renge, Professor in EE Department, Prof. V.T Barhate , H.O.D., Department of Electrical Engineering and Prof. Ganesh Setiye, faculty from Department of Industrial Engineering of SRCOEM, Nagpur.



DEPARTMENT OF ELECTRONICS ENGINEERING

STUDENTS' ACCOMPLISHMENTS

Ms Sumedha Game a student of III semester M. Tech. (VLSI Design) is selected for the Mentor Graphics System Verilog Training Program. Only 60 students are selected for this program after a nationwide selection. She is attending this training program at Mentor Graphics Pvt Ltd Bangalore during the period June 15 to July 31 2018.

Ms Pranita Behar and Ms Swati Singh of III Semester M. Tech. (VLSI Design) has attended an Orientation Course on Accelerators, Lasers and related Science and Technologies (OCAL-2018) at Raja Ramanna Centre for Advanced Technology, Indore. The duration of training was of weeks.

SN	Title of Paper	Name of Author(s)	Conference/ Journal (National/ International)	Conference/ Journal-detail	Date of Publication
1	Energy Harvester: A Green Power Source for Wearable Biosensors	Mayuri D. Dhone, Suresh S. Balpande, Dr. J.P Kalambe	International Journal	SENSOR LETTERS, Issue on Microfluidic, Nanostructures and Biomedical Sensors by American Scientific Publishers Vol. 16, 2018	June 2018 (Scopus indexed)
2	Design and Sensitivity Analysis of Micro Cantilever based Biosensor for Tumor Detection	Mary Salve, Mayuri Dhone, Prakash Rewatkar, Suresh S. Balpande, Dr. J.P Kalambe	International Journal	SENSOR LETTERS, Issue on Microfluidic, Nanostructures and Biomedical Sensors by American Scientific Publishers Vol. 16, 2018	June 2018 (Scopus indexed)
3	Paper-based Microfluidic Microbial Fuel Cell to Harvest Energy from Urine	Chaitali Mankar, Prakash Rewatkar, Mayuri Dhone, Suresh S. Balpande, Dr. J. P. Kalambe, Dr. Rajesh Pande, Sanket Goel	International Journal	SENSOR LETTERS, Issue on Microfluidic, Nanostructures and Biomedical Sensors by American Scientific Publishers Vol. 16, 2018 International	June 2018 (Scopus indexed)

SN	Title of Paper	Name of Author(s)	Conference/ Journal (National/ International)	Conference/ Journal-detail	Date of Publication
4	Assessment of different substrates for the design of micro strip antenna	Nikita Jattalwar, Dr.J. A.Shrawankar Suresh Balpande,	International Conference	International Conference on Materials, Applied Physics & Engineering (ICMAE),Indore	3 - 4 June 2018
5	Efficiency improvement of crystalline silicon solar cell by spectral conversion using Ba ₂ SiO ₄ : Eu ²⁺ , Nd ³⁺ phosphors	Divya K. Chopde	International Conference	International Conference on Materials, Applied Physics & Engineering (ICMAE),Indore	3 - 4 June 2018
6	Plant Health monitoring system using Multispectral Images	Meenal Udapure	International Conference	International Conference on Materials, Applied Physics & Engineering (ICMAE),Indore	3 - 4 June 2018
7	Gestures-based Navigation system for Multispectral Images	Kim Deshmukh	International Conference	International Conference on Materials, Applied Physics & Engineering (ICMAE),Indore	3 - 4 June 2018
8	Hardware implementation of 16 Quadrature Amplitude Modulation (QAM) for wireless communication system	Amita Manwatkar	International Conference	International Conference on Materials, Applied Physics & Engineering (ICMAE),Indore	3 - 4 June 2018

SN	Title of Paper	Name of Author(s)	Conference/ Journal (National/ International)	Conference/ Journal-detail	Date of Publication
9	Comparative analysis of Twiddle Factor Generation Scheme based on Memory Depth Reduction	Aliya Warsi	International Conference	International Conference on Materials, Applied Physics & Engineering (ICMAE),Indore	3 - 4 June 2018
10	Reduced complexity Phase Optimization Technique for Partial Transmit Sequences.	Shivani Parhad	International Conference	International Conference on Materials, Applied Physics & Engineering (ICMAE),Indore	3 - 4 June 2018

RGSTC-TIFAC-MSME Internship Scheme is implemented in the department to leverage the knowledge and capabilities of students and faculty to MSME's. Following students are selected for two months internship under RGSTC-TIFAC-MSME Internship scheme.

SN	Name of Student	Guide	Industry
1	Himanshu Daherwal Karan Sharma	Prof. Nakul K Pathak	J.V. Engineering Works, Nagpur
2	Ameya Toal Zubair Khan	Dr. J.P. Kalambe	Zoom Renewable Private Limited, Nagpur

Department is encouraging value added learning for students and therefore for practical hands on learning visit to different industries are organized. 40 students from VI semester and 12 students from IV semester are doing internship/training during the summer vacations.

Faculty corner

Awards/Honor/Mentoring

Prof. Suresh Balpande received "Researcher of the Year" Award 2017-18 at RCEOM Nagpur for his contribution in research.

Prof.Nikhil Damle is received Copyright Registration certificates for his work Multtool CNC Machine with Engraving and Milling on 31 May 2018 with registration number L-75690/2018.

Training Program

Department of Electronics Engineering has been approved under Pradhan Mantri Kaushal Vikas Yojana for Technical Institutions (PMKVY-TI) for 2017-18 by AICTE for Electronics Sector-Field Technician (Computing & Peripherals) Course. Department has also applied for approval for session 2018-19 for the same course. Prof. Nikhil Damle will coordinate the course as Nodal Officer.

Workshops/ Activities Participated

SN	Name of Faculty	Activity	Organizer
1	Prof. Shubham Anjankar	STTP on Digital CMOS Circuits and Devices during 22 -26 May 2018	MNIT Jaipur & SVNIT Surat
2	Prof. Lokesh M. Heda	Short term training program "Mathematical Modelling and Simulations For Wireless Digital Communication" from June 04 -08, 2018	VNIT, Nagpur
3	Dr. Parag Jawarkar	One Week Faculty Development Programme on 5G Communications from 11 - 15 June 2018.	IIITDM, Jabalpur
4	Prof. Snehal Laddha	One Week Faculty Development Programme on ANN and Deep Learning from 11 - 15 June 2018.	IIITDM, Jabalpur

Papers Published in conferences/Journals

SN	Title of Paper	Name of Author(s)	Conference / Journal (National/ International)	Conference/ Journal-detail	Date of Publication
1	IOT BASED GARBAGE COLLECTION SYSTEM	C.S. Khandait, P.P. Rane, A.S.Jaiswal, N.K.Bais	International Journal (ICI)	International Journal of Computer Sciences and Engineering Vol6, Issue-4,e-ISSN:2347-2693	April 2018
2	Performance Estimation of Scheduling Algorithm on Microblaze Softcore processor	Manisha Das	International Journal (ICI)	International Journal of Computer Sciences and Engineering Vol-6, Issue-4,e-ISSN:2347-2693	April 2018
3	Vibration Energy Harvester Driven wearable biomedical diagnostic system	Suresh S.Balpande, Dr. J. P. Kalambe, Dr. Rajesh Pande	International Conference	The 13th Annual IEEE International Conference on Nano/Micro Engineered and Molecular Systems, Singapore	22-26, April 2018

Conference/Workshop Attended

SN	Name of Faculty	Conference/Workshop	Organizer	Duration
1	Dr. Jayu Kalambe	The 13 th Annual IEEE International Conference on Nano/Micro Engineered and Molecular Systems on 22-26, April 2018 at Grand Hyatt, Singapore	IEEE-NEMS Grand Hyatt, Singapore	22-26, April 2018
2	Prof. Nikhil Damle	Introduction to Cyber security course	CISCO Networking Academy	1-5 May 2018
3	Prof. Nikhil Damle	Introduction to Packet Tracer course	CISCO Networking Academy	15-20 June 2018
4	Prof. Nikhil Damle	NDG Linux Unhatched course	CISCO Networking Academy	15-20 June 2018

Technical/Expert Talk Delivered

SN	Name of Faculty	Talk delivered on	Organizer	Duration
1	Prof.R. A. Deshmukh	Various Sensors Used in Automation	Ordnance Factory, Nagpur	24 April 2018
2	Prof. Vikas Gupta	Application of Machine Learning & Artificial Intelligence during One Week Workshop on Machine Learning and Artificial Intelligence	GHRCE, Nagpur	9 May 2018
3	Dr. A.A. Khurshid	Artificial Neural Network during One Week Workshop on Machine Learning and Artificial Intelligence	GHRCE, Nagpur	10 May 2018
4	Prof. Suresh Balpande	Industrial Sensors used in automation in Induction Training Programme on PROCESS AUTOMATION USING PLC & SCADA	Ordnance Factory Institute of Learning, Ambajhari, Nagpur	24 April 2018
5	Prof. Suresh Balpande	Introduction to Choppers and its applications in Induction Training Programme on Power Electronics & Servo Motors	Ordnance Factory Institute of Learning, Ambajhari, Nagpur	23 May 2018
6	Prof. Suresh Balpande	Industry 4.0 in Induction Training Programme on Power Electronics & Servo Motors	Ordnance Factory Institute of Learning, Ambajhari, Nagpur	23 May 2018

DEPARTMENT OF ELECTRONIC DESIGN TECHNOLOGY

FACULTY CORNER :

- Dr Rajeshree Raut published a paper titled, “AI-enabled turbo-coded OFDM system for improved BER performance”, Journal of Supercomputing, Springer-publications, ISSN 1573-0484, 16 April 2018 (SCI).
- Dr Rajeshree Raut published a paper titled “Trust establishment in chaotic cognitive environment to improve attack detection accuracy under primary user emulation”, in *Iranian Journal of Science and Technology, Transactions of Electrical Engineering*, 27 June 2018, SCI-expanded.
- Dr. Rajeshree Raut attended a STTP at VNIT Nagpur on “Mathematical Modeling for Wireless Communication Systems”, 4th – 8th June 2018.
- Dr. Rajeshree Raut organized a workshop for EDT students on Python coding, 28th-29th May 2018. The trainees were Mr Oveek Chatterjee and Ms Apoorva Joshi from Elentrika.
- Dr. Rajeshree Raut successfully guided three research scholars who submitted their thesis to Rashtrasanta Tukdoji Maharaj Nagpur University.
- Dr. Deepali Kotambkar has published paper “Exploring Light Fidelity for Wireless Text and Audio Transmission”, in International Journal of Computer Sciences and Engineering Volume - 6, Issue-3, E-ISSN: 2347-S2693.
- Dr. Deepali Kotambkar was the Reviewer for the International Conference “The 4th International Conference on Computing Communication Control and Automation, organized by the Pimpri Chinchwad College of Engineering will take place from 16th August to 18th August 2018”

- Dr. Deepali Kotambkar attended a GIAN course on “Mathematical Modeling & Simulations for Wireless Digital Communication” during 4th-8th June 2018 at VNIT Nagpur.
- Prof. Jitendra Zalke published a paper titled , “Paper titled “Performance Estimation of Scheduling Algorithms on Microblaze Softcore Processor”, in International Journal of Computer Sciences and Engineering, Published: 30th April 2018, E-ISSN: 2347-2693, Volume-6, Issue-4, ICI indexed.
- Attended one week Faculty development program on "Digital CMOS Circuits and Devices" at SVNIT Surat, during May 22nd - 26th, 2018. The program was jointly organized by MNIT, Jaipur and SVNIT, Surat under Electronics & ICT Academy An initiative of: Ministry of Electronics & information Technology (MeitY), Government of India

STUDENTs ACHIEVEMENTS

Six students of VIII semester EDT

1. Taniya Choudhury (BYJUS Think and Learn Pvt. Ltd.)
2. Nishita Bamblani (BYJUS Think and Learn Pvt. Ltd.)
3. Rishabh Bhaiya (Tata Motors Ltd.)
4. Prasad Dixit (Tata Motors Ltd.)
5. Gangaprasad Kide (Reliance Jio)
6. Omkar Singru (Riliance Jio)

Had gone for six months internship. Taniya and Nishita converted their internships of BYJUS Think and Learn Pvt. Ltd.) in to placement, while Rishabh Bhaiya and Prasad Dixit are still working with Tata Motors Ltd.

Placement of 2017-18 Batch

Sr. No.	Name	Campus / Off Campus	Name of the Industry
1	Isha Banwarilal Marothi	Campus	Accenture
2	Vishakha Dnyaneshwar Barai	Campus	Accenture
3	Asawari Bhaskar Suryawanshi	Campus	Accenture
4	Chetna Nagraj Khobragade	Campus	Accenture
5	Shreyasi Shishupal Tembhurne	Campus	Accenture
6	Sanjeevan Gajanan Pathak	Campus	Accenture
7	Taniya Arun Choudhury	Campus/ Off Campus	Accenture / BYJUS Think and Learn Pvt. Ltd
8	Nishita Bamblani	Off Campus	BYJUS Think and Learn Pvt. Ltd
9	Nikita Dhanraj Balla	Campus	Cerium Systems
10	Cheenkesh Suresh Arora	Campus	Cerium Systems
11	Sneha Ramashankar Shrivastava	Campus	Alacrity E-commerce Solution
12	Sonal Byasmuni Mishra	Campus / Campus	CloudStrats Technologies / Property Pistol
13	Chaitanya Suresh Rewatkar	Campus	Epic Research, Indore
14	Shivani Sanjay Jain	Campus	Raymond
15	Gangaprasad Kide	Off Campus	Easy go technologies
16	Neha Chhatre	Off Campus	Perficient India Pvt. Ltd
17	Priya Yadav	Campus	Property Pistol
18	Sushmita Mahajan	Campus	Property Pistol
19	Pranay Chandak	Campus	Property Pistol
20	Omkar Singru	Campus	Property Pistol
21	Vedant Sharma	Campus	Property Pistol

Ms. Noopoor Misal VIII sem EDT students is selected for the Master of Science Program in Electronic Engineering - multilanguage at Polytechnic University of Turin, Italy.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY CORNER :

1. Dr. S. B. Pokle elected as BoS Chairman of Electronics Engineering Board by RTM Nagpur University, Nagpur.
2. A paper entitled "Wireless Communication Based Disaster Management Tracking System" authored by Dr. S. B. Pokle was published in "International Journal of Science Technology & Engineering" Vol.4, Issue 10, ISSN (online): 2349-784X, pp-239-244, April - 2018.
3. A paper entitled "IoT Based Industrial Parameters Monitoring and Alarming System using Arduino - A Novel Approach" authored by Dr. S. B. Pokle was published in "International Journal of Engineering Science and Computing" Vol. 8, Issue 4, ISSN: 2321-3361, PP-17305-17308, April - 2018.
4. Dr. S. B. Pokle submitted an online Proposal titled "5G MIMO Reconfigurable Antenna for Wireless Communication System" to SERB-DST under Extra Mural Research on 28-6-2018. Cost of the project submitted is 3240400/-.
5. Dr. S. B. Pokle filed Copyright of self LITERARY work titled "Orthogonal Frequency Division Multiplexing" Granted with Registration Number L-75566/2018. Extracts from the Register of Copyrights dated 24th May, 2018 are received.
6. Dr. S. B. Pokle appointed as Research Advisory Committee Member by RTM Nagpur University for registration of Ph.D. candidates at research center of Electronics Engineering at P.I.E.T. Nagpur as per letter dated 27th April 2018.
7. Dr. S. B. Pokle appointed as External Examiner by Swami Ramanad Teerth Marathwada University, Nanded for conducting Viva-Voce test of Ph.D. thesis entitled "Computational Underwater Signal Processing for Tropical Regions" on dated 14th June, 2018.
8. Dr. R. B. Raut attended Faculty Development Programme on "5 G Communication" at IIITDM, Jabalpur, during 11th – 15nd June, 2018.
9. A paper entitled "Nth Level Decomposition of 2D DWT using Parallel Pipelined Haar Wavelet Transform" authored by Dr. P. K. Parlewar was published in "International Journal of Engineering and Technology", 2018.
10. Dr.(Mrs.) Mridula Korde attended Faculty Development Programme on "Internet of Things" at RCOEM, Nagpur, during 1^{8th} – 2nd June, 2018 under Ministry of Electronics & Information Technology, Government of India.
11. Dr. D. J. Dahigaonkar participated in the attended Faculty Development Programme on "Internet of Things" at RCOEM, Nagpur, during 18th – 22nd June, 2018 under Ministry of Electronics & Information Technology, Government of India.
12. Prof. B. A. Neole participated in the attended Faculty Development Programme on "Internet of Things" at RCOEM, Nagpur, during 18th – 22nd June, 2018 under Ministry of Electronics & Information Technology, Government of India.
13. Prof. B. A. Neole participated in the Faculty Development Programme on "AI and Machine Learning" jointly organized by Electronics and ICT

- Academics through National Knowledge Network by the Ministry of Electronics and Information Technology (MeitY) Government of India from 4th - 8th June, 2018 at RCOEM, Nagpur Nodal Center.
14. Prof. B. A. Neole presented a paper titled “Digital Image Restoration using NL Means with Robust Edge Preservation Technique” in “International Conference on ISMAC (IoT, Social, Mobile, Analysis and Cloud) in Computational Vision Bio-Engineering” organized by SCAD Institute of Technology during 16th-17th, May 2018 at Palladam, Tamil Nadu, India.
 15. Prof. P. R. Selokar participated in the Faculty Development Programme on “AI and Machine Learning” jointly organized by Electronics and ICT Academics through National Knowledge Network by the Ministry of Electronics and Information Technology (MeitY) Government of India from 4th - 8th June, 2018 at RCOEM, Nagpur Nodal Center.
 16. Prof. V. S. Lande participated in the Faculty Development Programme on “AI and Machine Learning” jointly organized by Electronics and ICT Academics through National Knowledge Network by the Ministry of Electronics and Information Technology (MeitY) Government of India from 4th - 8th June, 2018 at RCOEM, Nagpur Nodal Center.
 17. Prof. D.D. Shrivastava participated in the Faculty Development Programme on “ANN and Deep Learning” jointly organized by Electronics and ICT Academics through National Knowledge Network by the Ministry of Electronics and Information Technology (MeitY) Government of India from 11th -15th June, 2018 at RCOEM, Nagpur Nodal Center.
 18. Prof. N. M. Borkar participated in the Faculty Development Programme on “ANN and Deep Learning” jointly organized by Electronics and ICT Academics through National Knowledge Network by the Ministry of Electronics and Information Technology (MeitY) Government of India from 11th -15th June, 2018 at RCOEM, Nagpur Nodal Center.
 19. Prof. M. R. Sarve participated in the Faculty Development Programme on “ANN and Deep Learning” jointly organized by Electronics and ICT Academics through National Knowledge Network by the Ministry of Electronics and Information Technology (MeitY) Government of India from 11th -15th June, 2018 at RCOEM, Nagpur Nodal Center.
 20. Prof. A. P. Nilawar participated in the Faculty Development Programme on “AI and Machine Learning” jointly organized by Electronics and ICT Academics through National Knowledge Network by the Ministry of Electronics and Information Technology (MeitY) Government of India from 4th - 8th June, 2018 at RCOEM, Nagpur Nodal Center.
 21. Prof. A. Jaiswal participated in the Faculty Development Programme on “AI and Machine Learning” jointly organized by Electronics and ICT Academics through National Knowledge Network by the Ministry of Electronics and Information Technology (MeitY) Government of India from 4th - 8th June, 2018 at RCOEM, Nagpur Nodal Center.
 22. Prof. A. Jaiswal participated in the Faculty Development Programme on “ANN and Deep Learning” jointly organized by Electronics and ICT Academics through National Knowledge Network by the Ministry of Electronics and Information Technology (MeitY) Government of India from 11th -15th June, 2018 at RCOEM, Nagpur Nodal Center.
 23. Prof. A. H. Harkare participated in the Faculty Development Programme on “ANN and Deep Learning” jointly organized by Electronics and ICT Academics through National Knowledge Network by the Ministry of Electronics and Information Technology (MeitY) Government of India from 11th -15th June, 2018 at RCOEM, Nagpur Nodal Center.

24. Prof. A. H. Harkare registered a copyright on “Development of MEMS Vibration Sensor”.
25. Prof. A. H. Harkare filed a patent on “MEMS based Vibration Sensor for Low Frequencies”.
26. Prof. B. V. Lad presented a paper titled “Digital Image Restoration using NL Means with Robust Edge Preservation Technique” in “International Conference on ISMAC (IoT, Social, Mobile, Analysis and Cloud) in Computational Vision Bio-Engineering” organized by SCAD Institute of Technology during 16th-17th, May 2018 at Palladam, Tamil Nadu, India.
27. Prof. B. V. Lad participated in the Short Term Training Programme on “Emerging Trends in NLP: Techniques and Applications” organized by Department of Information Technology, RCOEM, Nagpur from 2nd - 7th June, 2018.
28. Prof. Piyush Asolkar, Assistant Professor of Department of Electronics & Communication Engineering, Shri Ramdeobaba College of Engineering & Management has been awarded Ph.D by Swami Ramanand Teerth Marathwada University, Nanded in the faculty of Science & Technology. His subject of research is Electronics and Telecommunication Engineering and place of research Electronics and Telecommunication Engineering Department, Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded. His research topic was “Computational Underwater Signal Processing for Tropical Regions” which was

carried out under the valuable guidance of Dr. Suhas S. Gajre, Prof. Yashwant V. Joshi, Dr. Arnab Das.

CAPACITY BUILDING ACTIVITIES :

Electronics and Communication Engineering Department has initiated In-house GATE Guidance Centre in summer term. Faculty from the department elaborated the scheme and syllabus of GATE and delivered the talks on the subject matter in GATE syllabus. Various alumni interacted with the students and guided for GATE. The sessions were conducted during summer vacations. The Session started from 1st June 2018. 20 students actively participated for the session. Dr. D. J. Dahigaonkar and Prof. M. R. Sarve actively conducted the session.

STUDENTS' ACCOMPLISHMENTS :

1. Omkar Miglani secured All India Rank 749 in GATE 2018.
2. Abhinav Dandare secured All India Rank 171 in GATE 2018.
3. Shyam Agrawal student of 2nd year secured 2nd position in “SWADES-18” conducted by E-Cell, VNIT, Nagpur.
4. Atharva Karpate student of 2nd year secured 1st position in “SWADES-18” conducted by E-Cell, VNIT, Nagpur.
5. Piyush Chaurasiya student of 2nd year secured 1st position in “SWADES-18 Consortium” organized by VNIT, Nagpur.

DEPARTMENT OF INDUSTRIAL ENGINEERING

- Dr. T.A. Madankar and Prof. Yogesh V. Deshpande attended STTP, TEQUIP-III sponsored one week workshop on Engineering Design Optimization Including Multi-disciplinary Optimization on 4 June, 2018 at VNIT, Nagpur.
- Prof. Yogesh V. Deshpande along with UG students Parikshit A. Dumbhare, Shikha Dubey published Paper in Journal of the Brazilian Society of Mechanical Sciences and Engineering on 24/04/2018 on Topic "Modelling and multi-objective optimization of surface roughness and kerf taper angle in abrasive water jet machining of steel" (SCI-E Indexed)
- Dr. Pravin Tambe, published Paper on "A Reliability Centered Maintenance Approach for Assessing the Impact of Maintenance for Availability Improvement of Carding Machines" in International Journal of Process Management and Benchmarking, Vol. 8, No.3, pp. 318-339. (Inderscience Publication, SCOPUS Indexed)
- Dr. Pravin Tamb, Paper published paper on "Decision Factors in the Selection of Elevator", I-manager's Journal on Mechanical Engineering, Vol. 8 No.2, pp. 42-51 (ICI indexed)
- Dr. V.S. Deshpande published Paper on "Building QFD Model for technical education student as stake holder" in International Journal of mechanical and Production engineering Research and Development (IJMPERD) on FEB-2018, ISSN 22496890 VOL:8 ISSUE 1.

DEPARTMENT OF INFORMATION TECHNOLOGY

FACULTY CORNER :

- Dr. D. S. Adane published research paper entitled "Reporting and Analyzing Road Accidents through Mobile Application" in International Journal of Latest Trends in Engineering and Technology (IJLTET), Volume 10, Issue 03, May 2018 edition. (ICI Indexed).
- Dr. D. S. Adane published research paper entitled "Critical Evaluation of Classifiers in Data Stream Mining" in International Journal of Engineering and Technology (IJET), Special Issue on: Recent Advancement in Engineering science and Technology, Volume 07, No. 2.18, 2018. (Scopus Indexed).
- Dr. D. S. Adane published an article on "Monitoring Suspicious Transactions in a Financial Transaction System through Database Forensic Audit" in National Cyber Safety and Security Standards e-magazine, pp. 82-91 on 06th June, 2018.
- Prof. N. A. Ansari received Ph.D. in Computer Science and Engineering on "Habitat Monitoring using Wireless Sensor Network" from VNIT Nagpur in May 2018.
- Prof. Rakesh Kadu published research paper entitled "Deployment of Docker Services on Private Cloud" in International Journal of Innovative Research in Computer Science and Technology (IJIRCST) Volume 06, Issue 03, May-2018 edition.
- Prof. P. V. Kokardekar published research paper entitled "Tulexia: Tutor for Dyslexics" in

International Journal of New Technology and Research (IJNTR) Volume 04, Issue 04, April 2018 edition.

- Prof. P. V. Kokardekar presented a paper on “IPV4 and IPV6 based Hybrid Approach for Spam and Virus Detection” at 4th International Conference on Recent Challenges in Engineering and Technology (ICRCET-18) on 2nd and 3rd April 2018 at College of Engineering Pune.
- Prof. P. J. Assudani and Prof. A. V. Chandak published research paper entitled “Graphical Password Using 2D Coordinates” at International Journal of Advanced Research in Computer Science (IJARCS) Volume 09, Issue 02, March-April 2018 Edition (ICI Indexed).

STUDENTS' ACCOMPLISHMENTS:

- Sarvesh Malu and Yash Dhote, students of VII semester IT, completed internship at Hindustan Aeronautics Limited, Nashik from 4th June to 30th June, 2018.
- Rohit Channe, Arjun Randive and Likhith Paliwal, students of V semester IT, completed an Internship Program at BSNL, Nagpur from 4th June to 18th June 2018.
- Raunak Raja student of VII semester IT, completed internship on React JS at Grhapa Service and Solutions, Nagpur from 1st June to 30th June 2018.
- Atharva Mangrulkar, student of V semester IT, completed an internship on USG Design at Nagpur Model United Nation, Nagpur from 20th May to 20th June, 2018.
- Aditya Sharma, student of VII semester IT, participated in 'HackM' Fintech Festival conducted by Maharashtra IT Corporation at Mumbai on 8th May 2018.
- Raunak Raja, Bharaj Makhija, Ayush Jha and Himaja Phadke students of VII semester IT, attended workshop of Basic Programming using Python conducted by IIT Bombay under FOSSEE project at RCOEM Nagpur from 23rd to 25th May 2018.

- Kunal Agrawal, student of III semester IT, completed internship on Embedded System and Data Structure at IIT Kharagpur from 10th June to 29th June 2018.
- Anshul Agrawal, student of III semester IT, completed internship on Data Structure and Algorithm using Python at IIT Kharagpur from 02nd June to 24th June 2018.

CAPACITY BUILDING ACTIVITIES:

- Department of Information Technology conducted Self Sponsored Short Term Training Program on “Emerging Trends in NLP: Techniques and Applications” from 2nd to 7th May, 2018 coordinated by Dr. M. A. Tayal. The resource persons were Dr. M. Sasi Kumar, Director CDAC, Mumbai, Mr. Prakash Pimple, Scientist CDAC, Mumbai and Mr. Anup Kelkar, Director Python Academy, Nagpur.

BEYOND ACADEMICS:

- 68% of 2017-18 Batch IT students got placed through campus drive till 16th July 2018.
- Top IT companies like ZS Associates, Mu-Sigma, Think and Learn, VmWare, Accenture, Infocepts, ZS Associates, Think and Learn, Wipro, Syntel, Tavisca, Content Sphere and Reliance Jio selected 47 students from the Department.
- The placement details of the department for the session 2017-18 are as follows:

Sr. No.	Company Name	Total
1	Accenture	26
2	Infocepts	2
3	VmWare (Dream)	3
4	ZS Associates (Dream)	1
5	Mu-Sigma (Dream)	5
6	Think and Learn (Dream)	3
7	Wipro	3
8	Reliance Jio	3
9	Syntel	5
10	Tavisca	3
11	Content Sphere	1
12	Click2Cloud	1

DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY CORNER

Dr. P. S. Deole, (Dongre), has been awarded with Ph.D. in Mechanical Engineering by RTM Nagpur University. The topic of her research was “Determination of tool condition in boring operation using acoustic emissions”. On 9th May 2018. She carried out the research under the guidance of Dr. Shital S. Chiddarwar. She has received a grant of Rs.19 lacs for her research work from Government of India's AICTE through RPS.

Dr. Amol M Andhare has been nominated as Member on the Board of Studies in Mechanical Engineering of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

Dr. Amol M Andhare attended short term CEP course on “Solar Thermal Technologies for Industrial Process Heat and Power”, (April 25 – 27, 2018) at IIT Bombay, Powai, Mumbai

Dr. V. V. Shukla, Prof. S. S. Joshi and Mr. Piyush Raut authored a paper Titled “Recent Developments in Photo Voltaic Thermo Electric Combined System” at International Journal of Engineering and Technology, UAE in July issue 2018.

Prof. S. S. Joshi presented a paper titled “Thermal management of photovoltaic system using porous media” in 5th International Conference on Computational Methods for Thermal Problems (ThermComp2018), Indian Institute of Science (IISc), Bangalore, INDIA, July 9-11, 2018

Prof. S. S. Joshi and Mr. Shubham Tagade (Student, M.Tech (HPE) presented a paper titled 'Productivity improvement of single basin inclined solar still using Enamel coating and copper chips' at International Conference on Desalination, organized by Indian Desalination association at NIT Trichy, INDIA, April 20-21, 2018.

Prof. B.C. Bissa attended one week FDP on “Electric

Vehicle”, organized by Electronics and ITC Academy IIITD Jabalpur supported by Ministry of Electronics and Information Technology Govt. of India, (May 28- June 1, 2018).

Prof. S. S. Joshi has been presented A paper titled 'LinkedIn-Generated-Resume Thermal Performance enhancement in cross flow by vortex generators' presented at 2nd International Conference on Advances in Mechanical Engineering (ICAME-2018), SRM Institute of Science & Technology Kattankulathur, INDIA., March 22-24, 2018

Prof. Sandeep S. Joshi contributed as a reviewer for the following journals

1. Journal of Renewable and Sustainable Energy, American Institute of Physics (AIP), USA. (SCI Indexed)
2. International Journal of Electrical and Computer Engineering (IJECE) (Scopus Indexed)
3. Journal of Engineering and Technological Sciences, Indonesia (Scopus Indexed)
4. Journal of Innovations in Energy science, USA.
5. Civil Engineering Research Journal, Juniper Publishing Group, USA

STUDENTS ACHIEVEMENTS:

Mrunal Mohadikar final year student got admission at RWTH Aachen University, Germany for Masters in Management in Production System.

Bharat Kungwani final year student got admission at Politcnico di Torino, Italy for masters in Automotive Engineering.

Shreyash Bangde final year student got admission at Eindhoven University of Technology, Netherlands for M.S in Automotive Technology.

Harjot Singh Saluja final year student got admission at Delft University of Technology, Netherlands for M.S in

Aerospace Engineering.

Jayesh Ratnam final year student got admission at Rutgers University, USA for M.S in Mechanical Engineering.

Akshay Katpatal final year student got admission at Worcester Polytechnic Institute, USA for M.S in Robotics Engineering.

Ashish Jaiswal of 2016 Batch got admission in M. Tech. at IIT Delhi (Production Engineering).

Ashish Jha of 2016 Batch got admission in M.S. by Research in Thermal Engineering at IIT Delhi.

Vishal Navandhar of 2015 batch got admission for M. Tech in Thermal Engineering at MNIT, Allahabad.

BASIC SCIENCES DEPARTMENT OF CHEMISTRY

FACULTY CORNER

1. Publication

No.	Faculty		Journal		/Duration
1.	Dr. A. V. Bharti	PM1 as a toxic air pollutant: A review	Journal of Emerging Technologies and Innovative Research	Vol. 5, Issue 5, Page no. 757 -761	May 2018

- ✓ **Dr. A. V. Bharati** was nominated as Board of Studies member and successfully elected as Working Chairman, Board of studies for Applied sciences and Humanities, RTM Nagpur University, Nagpur.

DEPARTMENT OF HUMANITIES

Dr. Deepshikha Mehra

- Dr. Deepshikha Mehra attended a seven-day STTP on "Interdisciplinary Research on Methodology Innovations" conducted by Dept of Humanities, VNIT from 4th to 10th June 2018

Dr. Vinod H. Asudani

- Dr. V. H. Asudani was invited to deliver a keynote address in the function of Sindhi Bhasha Diwas

organised by M.P.Sindhi Sahitya Academy Government of Madhya Pradesh Bhopal on 10th April 2018.

- Dr. V. H. Asudani was invited as a resource person in two day National Seminar on Sindhi Language organised by M.P. Sindhi Sahitya Academy Government of Madhya Pradesh at I. Sect University Bhopal on 12th and 13th May 2018.

3. Dr. V. H. Asudani published a book , “ Soiled Sun” English translation of Arjan Hasid's Sahitya Akademi winning Sindhi poetry book bearing ISBN 9789387608115 in May 2018.
4. Dr. Monika R. Seth and Dr. V. H. Asudani presented a research paper, “Demonetisation: A road to progress and problems” in one day National Conference on Intervention of Science and Technology, social (Problems and Sustainable development) organised by Department of Humanities and Social Sciences VNIT, Nagpur on 17th June 2018.
5. Dr. V. H. Asudani was invited to deliver a guest lecture on, Dynamics of higher education in India by UGC- HRD centre – Nagpur on 22nd June 2018.
6. Dr. V.H. Asudani's story , “ A change”, English translation of Vasdev Mohi's Sindhi story was published in Indian literature, a bi-monthly journal published by Central Sahitya Akademi, New Delhi in

May-June 2018.

7. Dr. V. H. Asudani's poem has been included in the text book for Sindhi Language of 12th standard in Gujarat State Education Board from the academic session 2018-19.

Dr. Sonal Paliwal

1. Workshop on "Transactional Analysis" was organized by Dr. Monika Seth and Dr. Sonal Paliwal on 4th April 2018. The resource person was Dr. Dipti Christian, Principal Hislop College.
2. Paper named "Midlife Crisis: A Myth or Reality" by Dr. Sonal Paliwal, published in " Asian Journal of Research in Social Sciences and Humanities, Vol. 8, No. 6, June 2018. ISSN 2249-7315, A Journal Indexed in Indian Citation Index, DOI NUMBER:10.5958/2249-7315.2018.00097.7, SJIF IMPACT FACTOR :5.997 (2017) pg.153-159

DEPARTMENT OF PHYSICS

Department of Physics

1. Dr. Renuka Nafdey and Dr. Asmita Deshpande attended 2 days workshop on Advanced Course on SEM (scanning electron microscopy)at Jawaharlal Nehru Aluminium Research Development and Design Centre (JNARDDC) in association with VNIT, Nagpur and Scanning Electron Microscope Society of India on 19th and 20th April 2018 at JNARDCC, Nagpur.

2. Dr. Renuka Nafdey attended 7 days workshop (STTP) on Research Methodology and Innovations organized by Department of Humanities and Social Sciences, VNIT Nagpur from 4-10 June 2018.
3. Dr. P. R Gandhi delivered Expert Lecture on the topic "Patent Filling" at P. R. Pote College of Engineering and Management, Amravati, on 19th June 2018 during the one week (18-23 June, 2018) AICTE/ISTE sponsored faculty refresher/induction programme.

POST GRADUATE PROGRAMMES: DEPARTMENT OF MANAGEMENT TECHNOLOGY

FACULTY CORNER:

1. Dr. Rahul Mohare, Dr. Rajesh Vaidya and Prof. Tanmay Gupta presented a paper on “Addressing Disparities of India's Slipping ICT Development Index” at CERE 2018, 9th CONFERENCE ON EXCELLENCE IN RESEARCH AND EDUCATION held at INDIAN INSTITUTE OF MANAGEMENT INDORE from 4th May to 6th May 2018.
2. CA. Prashant Chhajer, Dr. Vandana Gandhi and Prof. Vishal Mehta presented a paper on “PRE AND POST-MERGER FINANCIAL PERFORMANCE OF ICICI BANK: CAMEL APPROACH” at CERE 2018, 9th CONFERENCE ON EXCELLENCE IN RESEARCH AND EDUCATION held at INDIAN INSTITUTE OF MANAGEMENT INDORE from 4th May to 6th May 2018.
3. Dr. Rajesh W. Vaidya published a paper on “Leadership Dynamics for Managers” in “Journal of Emerging Technologies and Innovative Research, UGC and ISSN Approved Journal in May 2018 having ISSN: 2349-5162, Impact Factor: 5.87.
4. Rajesh W. Vaidya, Anant Deogaonkar , Tanmay Gupta, Rahul Mohare published a paper on “PARAMETERS FOR PERFORMANCE MANAGEMENT OF ACADEMIC STAFF IN FACULTY OF BUSINESS ADMINISTRATION –A NEW APPROACH”, in “Journal of Advanced Research in Dynamical and Control Systems in Annexure-II, Multidisciplinary Journal”, in June 2018, SCOPUS, and UGC Approved Journal No. 26301, having ISSN: 1943-023X, Issue-06, Pages-1130-1140
5. Dr. Ruchi Sao and Dr. Kanak Wadhvani attended a seven day workshop on Research Methodology and Innovations from 4th to 10th June 2018 at VNIT, Nagpur.
6. Dr. Ruchi Sao presented and published a research paper titled "A Comparative Study of Anxiety, Depression & Stress of MBA Students Staying in Hostel and with Families" in Interdisciplinary National Conference on 'Intervention of Science and Technology, Social Problems and Sustainable Development' organized by Dept. of Humanities and Social Sciences, VNIT on 17th June 2018.
7. Dr. Ruchi Sao presented and published a research paper titled " Organizational Citizenship Behaviour A Boon for Corporates Today " in Interdisciplinary National Conference on 'Intervention of Science and Technology, Social Problems and Sustainable Development' organized by Dept. of Humanities and Social Sciences, VNIT on 17th June 2018

CAPACITY BUILDING ACTIVITIES:

Placements at DMTRCOEM

Placements at DMT RCOEM has further scaled up during the placement season 2017-18. 39 leading companies have selected students and 102 students have received offers from these companies. Some of the leading companies where the students have been placed during the period are Colgate Palmolive, Karvy Stock Brokings Ltd., Property Pistol, OPPO Mobiles MU Pvt. Ltd., Persistent Systems Ltd., HDFC AMC, ICICI Securities, Think & Learn Pvt. Ltd., Kent RO, Future supply Chain, Amazon, Capital First etc. The highest Package offered to the students is Rs.9.0 lakhs Per annum with average salary of Rs.3.25 LPA.

The names of the students and the companies where they are placed are as under-

Sr.No.	Name	Organisation	Designation	Specialization	Salary in Lac (Per Annum)
1	Gargi Verma	OPPO Mobiles MU Pvt Ltd.	Management Trainee	HRM	2.16
2	Sonali Yadav	OPPO Mobiles MU Pvt Ltd.	Management Trainee	Finance	2.16
3	Chaitanya Rajan	OPPO Mobiles MU Pvt Ltd.	Management Trainee	Finance	2.16
4	Vidhi Jayesh Padia	OPPO Mobiles MU Pvt Ltd.	Management Trainee	Sales	2.16
5	Sanchit Trivedi	OPPO Mobiles MU Pvt Ltd.	Management Trainee	Sales	2.16
6	Palash Sanjay Khanorkar	OPPO Mobiles MU Pvt Ltd.	Management Trainee	Marketing	2.16
7	Nishant Abhay Sawant	OPPO Mobiles MU Pvt Ltd.	Management Trainee	Marketing	2.16
8	Anish Ashish Neb	OPPO Mobiles MU Pvt Ltd.	Management Trainee	Marketing	2.16
9	Palak Modi	OPPO Mobiles MU Pvt Ltd.	Management Trainee	Marketing	2.16
10	Abhishek Ladole	OPPO Mobiles MU Pvt Ltd.	Management Trainee	Marketing	2.16
11	Maazul Siddiqui	OPPO Mobiles MU Pvt Ltd.	Management Trainee	Marketing	2.16
12	Vaibhav Banode	OPPO Mobiles MU Pvt Ltd.	Management Trainee	Marketing	2.16
13	Palash Bawankule	OPPO Mobiles MU Pvt Ltd.	Management Trainee	Marketing	2.16
14	Pranit Warhade	OPPO Mobiles MU Pvt Ltd.	Management Trainee	Marketing	2.16
15	Sana Nawab Pasha	Infocepts	Management Trainee	HRM	1.5
16	Roshani Tolani	Infocepts	Management Trainee	HRM	1.5
17	Siddhesh Pande	Colgate Palmolive	Sales Team Leader	Marketing	3.86
18	Dhanashree Malekar	Colgate Palmolive	Sales Team Leader	Marketing	3.86
19	Chirag Kalyani	Colgate Palmolive	Sales Team Leader	Marketing	3.86

Sr.No.	Name	Organisation	Designation	Specialization	Salary in Lac (Per Annum)
20	Radhika Bajaj	Colgate Palmolive	Sales Team Leader	Marketing	3.86
21	Sonakshi Chawla	Colgate Palmolive	Sales Team Leader	Marketing	3.86
22	Gagandeep Khalsi	Colgate Palmolive	Sales Team Leader	Marketing	3.86
23	Rishabh Kashyap	Colgate Palmolive	Sales Team Leader	Marketing	3.86
24	Nishant Sawant	Property Pistol Realty Pvt.	Asst. Sales Manager	Marketing	8.76
25	Duhita Duragkar	Property Pistol Realty Pv	Asst. Sales Manager	Marketing	8.76
26	Amrita Khandalwal	Property Pistol Realty Pvt.	Asst. Sales Manager	Marketing	8.76
27	Sonam Donald	Property Pistol Realty Pvt.	Asst. Sales Manager	Marketing	8.76
28	Vaibav Banode	Property Pistol Realty Pvt.	Asst. Sales Manager	Marketing	8.76
29	Linky Parasani	Property Pistol Realty Pvt.	Asst. Sales Manager	Marketing	8.76
30	Abhishek Benjamin	Property Pistol Realty Pvt.	Asst. Sales Manager	Marketing	8.76
31	Shivani Kavi	Property Pistol Realty Pvt.	Asst. Sales Manager		

DEPARTMENT OF COMPUTER APPLICATION

► FACULTY CORNER

1. Prof. Abhijeet R. Thakare participated in Joint Faculty Development Program on “ANN and Deep Learning” jointly organised by Electronics & ICT Academies established by Ministry of Electronics and Information Technology (MEITY), Govt of India at IITDMJ, Jabalpur from 11th to 15th June, 2018. He has successfully completed this Joint Faculty Development Programme with a satisfactory grade. He got selected among the first

three candidates in test and assignments among 50 candidates.

2. Prof. P. Karmore participated in Joint Faculty Development Program on “AI and Machine Learning” jointly organised by Electronics & ICT Academies established by Ministry of Electronics and Information Technology (MEITY), Govt of India at IITDMJ, Jabalpur from 4th to 8th June, 2018. He has successfully completed this Joint Faculty Development Programme with a satisfactory grade.

3. Prof. P. Karmore and Prof. Vishnu Vardhan Budati participated in Joint Faculty Development Program on “Internet of Things” jointly organised by Electronics & ICT Academies established by Ministry of Electronics and Information Technology (MEITY), Govt of India at IITDMJ, Jabalpur from 18th to 22nd June, 2018. They have successfully completed this Joint Faculty Development Programme with a satisfactory grade.
4. Prof. Yoginee Pethe, Prof. Aparna Gurjar, Prof. Pranali Dandekar and Prof. Smita Nirkhi participated in one week short term training programme on “Emerging Trends in NLP: Techniques and Applications”, organized by Department of Information Technology, from 2nd May to 7th May 2018 at RCOEM.
5. Dr. Sachin Upadhye, Prof. Gaurav Kawade, Prof. Nilesh Korde, Prof. Manish Motghare, and Prof. Santosh Sahu, published a research paper “Reputation Based Cache Management Policy For Performance Improvement” in International Conference on Intelligent Sustainable Systems (ICISS – 2017). The paper is published in proceeding of ICISS-2017 IEEE Xplore with ISBN Number 978-1-5386—1959-9 on date 21/06/2018.
6. Prof. Manish Motghare, Prof. Gaurav Kawade, Prof. Santosh Sahu, Dr. Sachin Upadhye, and Prof. Nilesh Korde presented a research paper “An Analysis of Computation of Longest Common Subsequence Algorithm” in International Conference on Intelligent Sustainable Systems (ICISS – 2017). The paper is published in proceeding of ICISS-2017

IEEE Xplore with ISBN Number 978-1-5386—1959-16 on date 21/06/2018.

► STUDENT CORNER

1. Kunal Mankar & Anish Mulay students of final year MCA successfully delivered the software project titled, “Digital Work Maintenance Software for Engine Maintenance” to Mahindra & Mahindra under the sponsored project category.
2. Ms. Sneha Kaple and Ms. Trishika Sharma of final year MCA, under the guidance of Prof. P. Karmore published a paper on “Android Based Complaint Register System” in International Journal of Advance Research in Engineering Science and Technology, Volume No.5 Issue No 5, May 2018, ISSN Online 2393-9877, and ISSN Print 2394-2444.
3. Ms. Mayuri Khasale of second year MCA, under the guidance of Prof. Aparna Gurjar, published a paper titled “Computer Control with Hand Gestures using Ultrasonic Sensor”, in International Journal of Innovations and Advancement in Computer Science, Volume No.7 Issue No 5, May 2018, ISSN 2347-8616.
4. Mr. Chinmay Chachda of final year MCA, published a paper titled “Implementation of IoT Using Raspberry Pi”, in IJESC, May 2018 edition.
5. Ms. Juilee Waranashiwar of final year MCA, published a paper titled “Ionic Framework with Angular for Hybrid App development”, in International Journal of New Technology and Research, May 2018 edition.

ALUMNI ASSOCIATION

1. EMINENT ALUMNUS MR. ADITYA TIWARI FROM 2003 MINING BATCH VISITED CAMPUS

Eminent Alumnus of RCOEM Mr. Aditya Tiwari (Mining 2003) visited RCOEM campus on 15th May 2018. Mr. Aditya is currently working as Director - Support at NICE Ltd. He had fruitful interaction with Dr. R.S. Pande- Principal, Dr. Anupam Kher - Dean Training and Placement. Principal Dr. R.S. Pande felicitated him with a memento.



1. RCOEM ALUMNI MEET AT NEW DELHI

RCOEM Alumni Association, North India Chapter organized Delhi Alumni Meet on 12th May 2018 at Hotel Mapple Emerald, New Delhi. The Alumni Meet was hosted for the tenth time in New Delhi. The agenda of the meet was to strengthen the network to reach all the alumni and to have a very memorable association with them. Mr. Tushar Marghade, President of Alumni Association delivered the opening remarks and welcomed all the alumni and encouraged alumni and their alma mater. RCOEM Alumni Association also thanked the alumni for their contribution towards the college and iterated the ways in which they could help the college to grow. Dr. (Mrs.) Mridula Korde graced the meet with her presence.



1. SEMINAR ON ADMISSION PROCESS IN ENGINEERING, MBA, MCA

The Alumni Association of Shri Ramdeobaba College of Engineering and Management organized a free seminar on "Admission Process of First Year B.E., Direct Second Year B.E., M.B.A., M.B.A. Integrated, M.Tech. & M.C.A." on Saturday 9th June 2018 at 4 PM in RCOEM Campus, Katol Road, Nagpur. Dr. Mridula Korde, Alumni In charge, RCOEM welcomed all candidates and parents. She informed all parents regarding various activities under Alumni Association of RCOEM. Prof. P.B. Kulkarni, Dean Admissions, RCOEM and Dr. R.U. Tiwari explained rules and regulations of admission to First year B.E., Direct Second Year B.E., M.B.A., M.B.A. Integrated, M.Tech. & M.C.A for the academic year 2018-19 through an elaborative presentation. An interactive session was held detailing admission procedure, documents required, fee structure and other related information. Prof. P.B. Kulkarni and Dr. R.U. Tiwari answered all queries of the parents regarding rules and regulations of admission process in Engineering for the academic year 2018-19. Around 650 aspiring candidates along with their parents attended the session. Prof. Ankita Harkare compared the event. Mr. Tushar Marghade- President of RCOEM Alumni Association, Mr. Ajay Sanghi, Mr. Alok Vaidya- Distinguished Alumni of RCOEM, and Dr.

K.N.Agrawal were prominently present for this event.



IQAC Activities (April to June 2018)

1. Visit of Delegates from TEESIDE University, UK to RCOEM

On 20th of April 2018 Dr. Kevin Thomas -Associate Dean (International), School of Science, Engineering & Design and Nitin Bhasson, Marketing Manager at Regional office visited Shri Ramdeobaba College of Engineering and Management in order to give insights about the various Articulation, Staff Exchange and Summer School programs etc. at Teesside University, UK. A formal meeting was organized between the two institutions.

Shri Ramdeobaba College of Engineering and Management, Nagpur signs a MoU with TEESIDE University, UK.



2. Expert Talk on “Research Methodology” for PG Students & Faculties of RCOEM

Internal Quality Assurance Cell (IQAC) of Shri Ramdeobaba College of Engineering and Management has organized Expert Talk on “Research Methodology” for PG Students and Faculties of RCOEM by Dr. Rajendra Patrikar, Professor, Center for VLSI & Nanotechnology, Micro & Nano-Electronics Group, Visvesvaraya National Institute of Technology, Nagpur on 05/04/2018.





RCOEM Pragma Kendra(Sanskrit Center) concluding ceremony

Approved by Rashtriya Sanskrit Sansthan, Deemed University of MHRD, New Delhi , The RCOEM Sanskrit center's session 2017-18 has been concluded on 25th April 2018 at a glittering function. Dr. Mrunalini Waghmare, All India Seva Chief of Vishwa Mangalya Sabha was chief guest. Shri Govindlalji Agrawal, General Secretary, RCOEM presided over the function.

Dr. R.S.Pande, Principal; Prof. B.M.Harddas, Nodal officer, Sanskrit center and Prof. Chandramohan Goyal, faculty in Sanskrit were prominently present. Function witnessed performances like Song , hymn and stotra recitation. Prof. C.M. Goyal presented annual report of Sanskrit Kendra. Dr. Waghmare in her speech applauded RCOEM for running Sanskrit Kendra and appealed students and Sanskrit lovers to take maximum advantage out of it. In his address Dr. R.S.Pande congratulated all the students , faculty and staff who were students of first Sanskrit center batch. Dr. Pande assured to add Sanskrit as open elective in coming year in RCOEM curricula. In his presidential speech Shri Govindlalji Agrawal expect more Sanskrit learners in next session and asked this year students to be ambassadors of Sanskrit. The program was conducted in Sanskrit by Ms.Ojaswara Pathak and Ms.Poonam Jain. Prof. B.M.Harddas proposed vote of thanks. The event concluded with recitation of Kalyan Mantra.

QUARTERLY TEMPLE REPORT**April - June 2018**

Sr. No.	Event	Date	Activity
1.	Baba ki Duj	17.04.2018	1) Flower decoration. 2) Maha Arti followed by Churma Prasadi.
2.	AkhaTij Baba Ka Sajiv Biyawla	18.04.018	1) Flower Decoration 2) Mehendi, Zale warne and Bhajan on 17.04.18 3) Baba ka Sajiv Biyawla on 18.04.18 as per Hindu Marriage ceremony performed, by Shri Ujjwal Khakolia, Famous Jamma Gayak. 4) After Biyawla Maha Arti followed by Prasadi Bhoj.
3.	Dashmi	25.04.18	1) Maha Aarti Followed by Prasad
4.	Baba ki Duj	16.05.18	1) Flower decoration. 2) Maha Arti followed by Churma Prasadi. 3) Bhajan Sandhya by Ramdeo Kirtan Sangam.
5.	Dashmi	24.05.18	1) Maha Aarti Followed by Prasad
6.	Baba ki Duj	15.06.18	4) Flower decoration. 5) Maha Arti followed by Churma Prasadi. 6) Bhajan Sandhya by Ramdeo Kirtan Sangam.
7.	Dashmi	22.06.18	1) Maha Aarti Followed by Prasad
8.	Every Tuesday		Sunder Kand
9.	Every Saturday		Bhakti Sangeet



TEAM 'MEDIA EXPRESSION'

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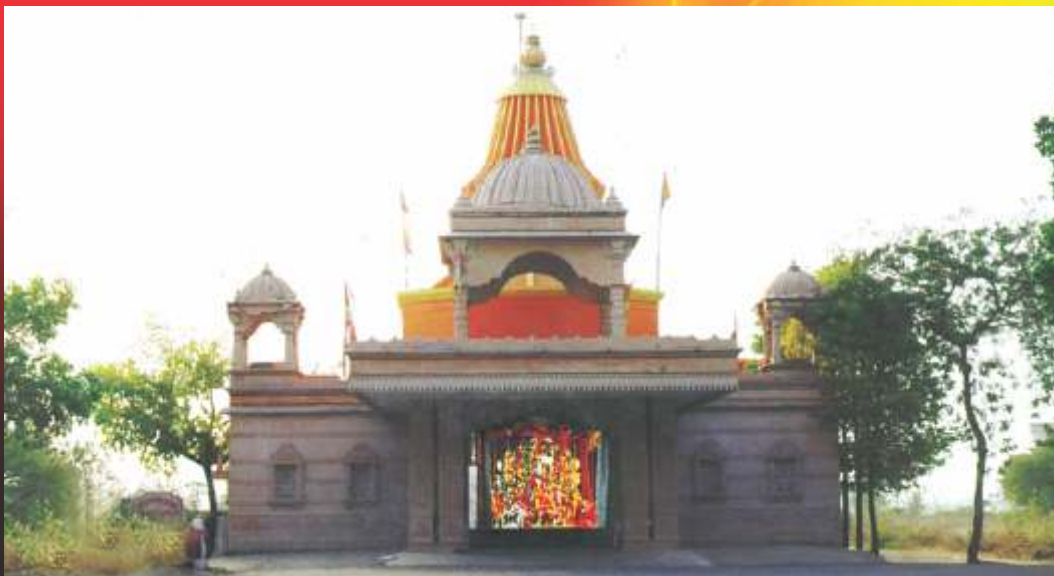
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