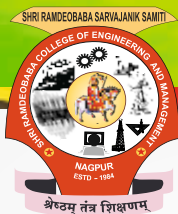


REFLECTION NEWSLETTER

of
**SHRI RAMDEOBABA COLLEGE OF
ENGINEERING AND MANAGEMENT**

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IN THIS ISSUE

WRITER'S CORNER	01
MOMENTOUS EVENTS	02-03
DEPARTMENT OF ENGINEERING	
Civil Engineering	04-08
Computer Science Engineering	09-10
Electrical Engineering	11-13
Electronics Engineering	14-23
Electronics Design Technology	24-25
Electronics and Communication	26-31
Industrial Engineering	31-35
Information Technology	36-37
Mechanical Engineering	37-41
BASIC SCIENCES	42
Humanities	42-49
Mathematics	50
Physical Education & Sports	50-52
POST GRADUATE PROGRAMMES	
Management Technology	53-56
Computer Applications	57
TRAINING AND PLACEMENT	58
Beyond Academics IEEE	59-60
Alumni Association	61-65
TEMPLE NEWS	66

LETTER FROM THE EDITOR

Dear Readers,

The period of July-August- September gave us moments of pride in the form of canonization of Saint Mother Teresa and some superlative performances in the Olympics and Paralympics for the year 2016. These events marked the beginning of a new era of thinking in us. This period, like every time, marks the start of the academic session of the College. This timeline was chequered with events like Gyanodaya, formal installations of Students' Society Bodies and many more that marked the inception of a new chapter in the students' life. The faculty continued to explore their areas of expertise by writing research papers, attending STTPs and delivering guest lectures to trailblaze new frontiers under existing subject auspice.

The College continued with its winning streak by bagging the winner's prize for the 'Best Magazine Award' for the second consecutive year. REEF, with an array of activities, perpetuated to help preserve the environment. Wishing an enjoyable read !

Team 'Media Expression'

SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT

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FORGIVEN LIFE

WRITER'S CORNER



It's been a while that I have been wondering ; what is that I have, and what is it that I have shared with and mostly I have been resonant at "who" it is that has smiled because of me. The answer is simple that I am overlooking, it was the first perspective that I could hear my brain overthrowing towards me. With a vigorous vibration my heart said that it is logical that I have it but I am unable to realize it. A great stammering mirror made me see that I am just gazing and doing nothing. This is the reality that makes one bounce in and out of will, perception and vision towards life.

I realized life could be substantial, moreover it may be casual and lastly it could be supernatural but what it is is one's perception. Life is given or taken. It is just a power of will that is again a perception one looks in the eyes of the creator. Life is seen through one's eyes or is it a dream through a third person's mind which is again a perception. If perception is mostly one can think of, then where does will take one and what is the vision that one is running after?

So there comes a twist to highlight the act of will. Will I or will they makes one a team? Will you or will us make us compete or is it just willness that gives courage to an

overpowering human being? Will is not just a will but it suffices an act but predicts what one should give to make them complete. If will is perceived then what is that difficult that no one can achieve.

This brings in the moral that is the end to a never ending beginning. The dream should be the goal or one should perceive goal to be a dream. What should be the will that makes our never ending journey complete? Should we take the lead or should we just contribute and retrieve? What is that we can't do that we should show our will to complete?

These three stages of life are the answer that make life complete. Stage A is the perception that one makes because of the atmosphere one builds. Stage B is the will that one alone can't complete. The support of life partner and loved ones is must to get the change perceiving. And lastly stage C is the vision that is set only when we have the will to give than the attitude to just receive. It's not what I have but what I gave, that amplified towards humans' well being. With these three stages of life one can conquer which will remain for a life time.



Prof. Deepak Khushlani
EC Department

GYANODAYA 2016

Gyanodaya 2016 - an induction programme for newly admitted students of Shri Ramdeobaba College of Engineering and Management, Nagpur was held on 6th August 2016.

The event was graced by President of Ramkrishna Math Nagpur, Swamy Bramhasthananda, Chairman of RCOEM, Shri Banwarilal Purohit was the Chief Guest of the program. General Secretary, Shri Govindlal Agarwal, Jt. Secretary, Shri Kailashchand Agrawal, Treasurer Shri Ashokkumar Pachariwala, Principal Dr. R. S. Pande, Dean of Student Representative Council, Prof S H Deshmukh and B E First Year incharge, Dr A. V. Bharti were also present. Dr. R. S. Pande gave the opening remark stressing on the glories and achievements of RCOEM, and also pointed out that this batch was lucky as it would be graduating in the year 2020, a milestone for India according to Dr. A. P.J. Abdul Kalam.

Swamiji threw light upon the importance of real knowledge of working for mankind and character building. He also stressed on following the path of Swamy Vivekananda and work for betterment of humanity. Banwarilalji Purohit in his address stressed on simple living and high thinking. He also

**MOMENTOUS
EVENTS**

stated that college is ragging free and has various disciplinary cells like Anti ragging and cell against sexual harassment etc.

Dean Second Shift, Dr. S. D. Mohgaonkar; Dean Academics, Dr. Agashe; Dean Training and Placement, Prof. Anupam Kher also addressed the newly admitted students on this occasion.



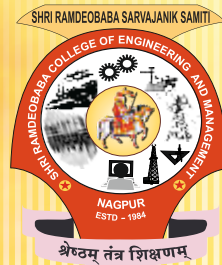


PRIZE TO ARCEON'15

Arceon-15, the annual college magazine of 2015 won the "Best Magazine Award" in the RTMNU Inter Collegiate Annual Best Magazine Competition 2014-15. The magazine was conceptualized and coordinated by Dr. Gayathri Band, Department of Management Technology and Disha Ghosal, Electronics Dept and Gurvinderpal Singh Multani, Electrical Dept were the student editors. The entire team of ARCEON 15 won a cash prize of Rs.5000/-.



Arceon-15



DEPARTMENT OF CIVIL ENGINEERING

FACULTY CORNER

- Dr. V. A. Dakwale and R. V. Ralegaonkar published a paper titled "Development of thermally insulated sustainable building model" in Proceedings of the Institution of Civil Engineers Engineering Sustainability, Volume 169 Issue ES4, August 2016, Pages 138-149.
- Dr. A. H. Padade and Dr. Y. S. Golait published a paper titled "Analytical and experimental studies on cemented stone column for soft clay ground improvement" in International Journal of Geomechanics, ASCE.
- Dr. A. H. Padade received BEST PAPER AWARD in International Conference Putrajaya International Built Environment Technology and Engineering Conference (PIBEC 2006) for presenting paper on "Numerical modeling of highway embankment using plaxis 3D" during 24-25 September 2016. The paper was co-authored by G. K. Athulya, Mahaboobsab B. Nadaf and J. N. Mandal.
- Dr. A. H. Padade published paper in International Conference on GEO-Chicago 2006 entitled "Expanded polystyrene (EPS) geofoam unit cells with fly ash" at Chicago during 14-18 Aug 2016. The paper was co-authored by S Dutta, M. B. Nadal, B. Ram Rathan Lal and J. N. Mandal.
- Dr. R. N. Khapre and Dr. V. A. Dakwale presented paper on "Analysis of RCC beams with web opening through experimental, computer simulation and analytical approach" in International Conference on Innovations in Science & Technology: Opportunities and Challenges, at Akola during 23-24 September 2016.
- Dr. V. A. Dakwale and Prof. S. S. Geete won THIRD PRIZE in "Concrete Making & Mix Design Competition"- Step towards Creating Innovative Concrete with Sustainability through Innovation, organized by Ambuja Knowledge Centre, Nagpur on 8th July 2016.

- Dr. V. A. Dakwale delivered lecture on "Constituents of Concrete: Properties and Tests" in one week training program from 13-16 July 2016 on Concrete technology on 13 July 2016 at Regional Training Center, WRD, Nagpur.
- Dr. V. A. Dakwale delivered lecture on "Significant changes in IS 456-2000 & its amendment, cube testing and maintenance of records, Implementation of quality control tests results" in one week training program from 13-16 July 2016 on Concrete technology on 13 July 2016 at Regional training center, WRD, Nagpur.

STUDENTS' ACCOMPLISHMENTS :

During campus placement, 38 students of final year, B. E. Civil Engineering were placed in three companies. The details as follows :

STUDENTS PLACED IN		
Accenture	Infosys	Shapoorji Pallonji & Co. Ltd
Aayushi Joshi	Abhinav Goyal	Anurag Tamkoriya
Abhinav Goyal	Arun Parmar	Ayush Jaiprakash Gupta
Ameya Ambhore	Ayush Agrawal	Vinay Govind Popli
Apurwa Shenwar	Gunjali Deshmukh	Faizan Khan
Ashika Adhikari	Kaustubh Parhadkar	Krushna Dattatray Sakunde
Ashish Pandey	Manish Harwani	
Ashutosh Thakur	Pooja Wadhwani	
Ayush Agrawal	Pranay Ambulkar	
Gunjali Deshmukh	Priyanka Karve	
Pooja Wadhwani	Rahul Agrawal	
Pranay Ambulkar	Rashi Pere	
Prem Gupta	Rinki Banerjee	
Priyanka Karve	Shefali Rao	
Rinki Banerjee	Vishal Mathya	
Rucha Mahakulkar		
Shefali Rao		
Shubham Burande		
Tejal Chandak		
Yash Goenka		



• Student's result: the semester wise students' merit lists of the department is as follows:

IV SEMESTER BE CIVIL ENGINEERING

Department Merit Rank	Student Name	SGPA
1	Vimal Rakesh Lalwani	9.82
2	Chirag Shankarlal Valecha	9.61
3	Shashank Bisen	9.61
4	Anubhuti Rajesh Gupta	9.52
5	Yash Anupkumar Banode	9.48

VI SEMESTER BE CIVIL ENGINEERING

Department Merit Rank	Student Name	SGPA
1	Viraj Vishwas Dhankar	9.39
2	Pooja Sanjay Wadhvani	9.35
3	Shubham Sanjay Kanojiya	9.24
4	Niva Namesh Ramchandran	9.2
5	Anurag Tamkoriya	8.89

VIII SEMESTER BE CIVIL ENGINEERING

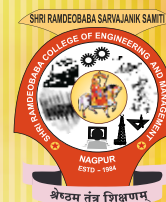
Department Merit Rank	Student Name	SGPA
1	Prateek Vijay Indurkar	9.86
2	Gayatri Vijay Munishwar	9.82
3	Rajat Rajesh Jairath	9.67
4	Akshara Bharat Dahake	9.57
5	Nisha Namesh Ramchandran	9.53

II SEMESTER M. TECH STRUCTURAL ENGINEERING

Department Merit Rank	Student Name	SGPA
1	Kanchan Dattuji Raut	9.1
2	Rajat Milind Bongilwar	9.05
3	Aditya Panjabrao Chopade	8.95
4	Sanket Pushpraj Dautkhani	8.9
5	Gayatri Phusnath Sidh	8.81

VI SEMESTER M. TECH STRUCTURAL ENGINEERING

Department Merit Rank	Student Name	CGPA
1	Poonam Rameshkumar Gupta	9
2	Samidha Jinendrakumar Jain	8.83
3	Kanhaiyalal Mulchand Jangid	8.74
4	Jitendra Manilal Joshi	8.62
5	Vijay Vinod Dal	8.62

**CAPACITY BUILDING ACTIVITIES**

• Department of Civil Engineering, RCOEM, Nagpur and Association of Consulting Civil Engineers (ACCE) had jointly organized one day workshop on "Analysis and Design of Buildings" on 21st September 2016. Mr. S. Raipure, Chairman ACCE, Nagpur Centre, and Mr. N. Palsapure, Vice President (West), ACCE and Dr. M. Kadu, HoD, Civil Department, RCOEM, Nagpur inaugurated the workshop. Mr. S. Raipure, Mr. N. Palsapure along with field experts Mr. S. Shingarey, from Geotech Services, Mr. S. Voditel from Suneel Voditel & Associates, and Mr. V. Dehadrai from AQUADES Structural Consultants (P) Ltd. shared their field experience with the participants in this one day workshop. Topics like Overview & Basics of Structural design, Foundations, Analysis of Structure, Design of Structure, and Detailing of structures were covered in this workshop. About 100 students of M. Tech. Structural Engineering, M. Tech. Geotechnical Engineering and BE Civil Engineering (final year) participated in this workshop.



Mr.S.Raipure, Dr.P.D. Pachpor, Dr. M.S. Kadu, Mr.S.Shingarey, and Dr.R.N.Khapre during inauguration ceremony.

- One day workshop on “Know your branch and plan your career” was organized for second year students by CESA on 7 September 2016. Three speakers were invited in this workshop who delivered guest lectures on various topics. Mr. Sachin Mankawde delivered lecture on “Avenues for higher education and competitive exams in civil engineering”. It was followed by lecture on “From campus to corporate” by Dr. Abhijeet Agashe, Dean Academics, RCOEM, Nagpur. The last lecture on “Resume building” was delivered by Dr. Chandan Vichoray, Associate Professor, Department of Management Technologies, RCOEM, Nagpur.



Dr. P. D. Pachpor, Mr. Sachin Mankawade,
Dr. A. K. Sharma and Prof. P. D. Hiwase



Dr. C. R. Vichoray being welcomed by Dr. A. K. Sharma



Dr. Abhijeet Agashe being welcomed by Dr. A. K. Sharma

- Guest lecture on “Placement in core Civil Engineering companies” by Dr. Anupam Kher, Dean, T&P, RCOEM , was organized by Prof. H P Khungar and Dr. V A Dakwale on 27th August 2016.



Dr. Anupam Kher discussing placement scenario
with final year students

- Guest lecture on “Interview skills” by Mr. Hitesh Dewani, Director, HR-Mentor, Nagpur, was organized by Dr. V A Dakwale, Prof. N S Kakwani & Prof. H P Khungar on 6th September 2016.



Mr. Hitesh Dewani, delivering lecture on “Interview Skills”

BEYOND ACADEMICS

- Teachers' day was celebrated 8 September 2016. The event was organized by second year students in the second year class room. All teachers were present for this celebration. Various cultural activities like Rangoli competition, group song, group dance, poem etc were performed during this event.



Teachers' day celebration at the department

- Installation of new body of RCOEM Institution of Engineers (I) Students' Chapter (Civil Engineering) was held on 17 September 2016. Dr. Arun Chaturvedi, Principal Scientist & Head, Div of Land Use & Planning National Bureau of Soil Surface (ICAR), Nagpur was the chief guest of the function. The ceremony was presided by Dr. M.S. Kadu, the HoD, Dept. of Civil Engineering, RCOEM Nagpur and Dr. A.K. Sharma, CESA In charge, Professor Dr. P.D. Pachpor, Miss. N.S. Kakwani, Faculty Advisor IEI RCOEM Chapter, Mr. Akshay Tejankar, CESA President & Miss. Niva Ramchandran, Convener IEI.



New body (2016-17) of RCOEM Institution of Engineers (I) Students' Chapter (Civil Engineering) along with Dr. A. K. Sharma, Dr. Arun Chaturvedi, Dr. M. S. Kadu and Dr. P. D. Pachpor during installation ceremony.

- Installation ceremony Aakriti of Civil Engineering Students' Association (CESA) for the session 2016-17 was conducted on 17 September 2016. The chief guest of the function was Dr. Arun Chaturvedi, Principal Scientist & Head of the Department was present during the inaugural function. Mr. Akshay Tejankar, President of CESA presented Annual General Report of CESA for session 2015-16. Badges to the post holders of CESA and Certificate of Appreciation to students who excelled in various activities were distributed by chief guest Dr. Arun Chaturvedi.



New body (2016-17) of Civil Engineering Students Association (CESA) along with Dr. A. K. Sharma, Dr. Arun Chaturvedi, Dr. M. S. Kadu and Dr. P. D. Pachpor during installation ceremony.

- Board of Studies: Meeting of board of studies was conducted on 24 September 2016. Dr. R. Daryapurkar, M.D., Lars Enviro Pvt. Ltd., Nagpur, Dr. D.M. Dewaikar, Professor, Civil Engg. Dept., IIT Bombay, Mr. Sandip Shirkhedkar, Director, imaGIS, Nagpur and Dr. S. P. Wanjari, Asst. Prof., Civil Engg. Dept., VNIT, Nagpur were present and gave their suggestion for syllabus revision. Choice Base Credit System (CBCS) for B.E. (Civil Engineering) programme was discussed and finalized in this meeting.



Dr. M. S. Kadu, HOD Civil, discussing Choice Base Credit System with Members of Board of Studies.

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

FACULTY CORNER

- Dr. M. B. Chandak and Sneha Khatwani published a paper titled 'Building Personalized & Non Personalized Recommendation System' in International Journal of Advanced Computer Science and Engineering (IJCSE), July 2016, Vol 8, No. 7, ISSN: 0975-3397.
- Prof. Rashmi Welekar and Preeti Khushwaha published a paper titled 'Feature Selection for Image Retrieval based on Evolutionary Computation' in International Journal of Research in Engineering & Technology (IJRET), 42552, Vol 5, Issue 7, eISSN: 2319-1163.

STUDENTS' ACCOMPLISHMENTS

Students of 2016 Batch Admitted To Higher Studies

S. No.	Name of Student	Course Pursuing	Institution / University
1.	Harshal Garg	M. Tech.	IIIT Bangalore
2.	Prajakta Yerpude	M.S.	Illinois Institute of Technology, Chicago, Illinois
3.	Akash Deo	M.S.	University of Texas, Dallas
4.	Ishan Khaparde	M.S.	George Mason University at Fairfax, Virginia
5.	Ketaki Kinage	M.S.	University of Southern California, California

- Rajat Chaurasia of fifth semester won the Website Design Competition and completed internship at RCOEM, Nagpur which required recreation of the existing website of RCOEM from 15th June to 16th July 2016.
- Shashank Bhalotia, Aman Rathore and Megha Gupta of fifth semester completed internship at TheTechIntern as an Android Application Developer from 5th June to 25th June 2016.
- Aditya Agrawal of fifth semester completed internship at Zero Mile Edu Tech from 15th June to 31st July 2016.
- Sanchita Tayde, Sonia Talreja and Seena Ann Sabu of third semester completed Diploma in Core Java at Atlanta Computer Institute in July 2016.
- Shashank Bhalotia, Tarun Lalwani and Aman Rathore of fifth semester & Seena Ann Sabu, Vinita Lalwani, Sukrit Shukla, Tejasvee Sharma, Yogesh Kothari and Sanchita Tayde of third semester attended "Workshop on Aptitude Development" organized by RCOEM from 4th July to 10th July 2016.
- Ayushi Shrivastav of fifth semester is working as an intern at Ascent Business Solutions, Nagpur from 18th Aug 2016.
- Akshay Agrawal of fifth semester completed internship at Ordnance Factory, Bhandara in June 2016.
- Richa Vinzey of third semester attended internship at Topworth Urja & Metals Ltd in June 2016.
- Shweta Singh of third semester completed internship at Tata Steel Limited, West Bokaro Division from 30th May to 29th June 2016.
- Himani Nimje of fifth semester completed internship at Arvachin Technologies, Nagpur from 10th June to 19th July 2016.
- Vishwas Disawal of fifth semester represented India at 14th Korea National Jamboree held at Korea from 3rd Aug to 9th Aug 2016.
- Pritesh Bhate, Shashank Bhalotia, Aman Rathore, Sanjeet Tiwari, Ayushi Shrivastav, Aditi Bagora and A. Saheti Naidu of fifth semester participated in AUTOBOT, AXIS'16, Annual Technical Festival of VNIT, Nagpur on 24th Sept 2016.
- Subhi Jain and Radhika Agrawal of fifth semester participated in Techno-Docx, AXIS'16, Annual Technical Festival of VNIT, Nagpur on 24th Sept 2016.

TRAINING & PLACEMENT

IT companies viz. MiSys, Persistent Systems Ltd., Infocepts, Inautix, Capgemini, Accenture, Infosys, Wipro, Cybage, Softlink International, etc visited the campus & recruited the students of final year. Until now 99 students have been placed in the above industries. The placement details of the department for both shifts for the session 2016-17 are as follows :

	Total	Shift I	Shift II
Total Job Offers	160	81	79
Total Students with Job Offers	99	53	46
Students with 3 Job Offers	19	09	10
Students with 2 Job Offers	23	10	13
Students with 1 Job Offer	52	34	23

CAPACITY BUILDING ACTIVITIES

Guest Lecture : Prof. Shailendra Aote delivered a guest lecture on "Design and Analysis of Algorithm" for students and faculty of Priyadarshini College of Engineering, Nagpur on 20th September 2016.



DEPARTMENT OF ELECTRICAL ENGINEERING

FACULTY CORNER

- Prof. T. G. Arora was awarded Ph.D by Rashtrasant Tukdoji Maharaj Nagpur University. His topic of research was "Fuzzy Logic Based Life Estimation of Induction Motors under Non- Sinusoidal Voltage and Current Waveforms". He has carried out his research work under the supervision of Dr. M. V. Aware, Professor in VNIT, Nagpur and Dr. D. R. Tutakne, Associate Professor, RCOEM, Nagpur.
- Prof. S. D. Naik has been awarded Ph.D during the 14th convocation ceremony held on 15th Sept. 2016 at VNIT Nagpur. His topic of research was "Some aspects of Voltage Stability problems in Multi-Bus System". He has carried out his research work under the supervisions of Dr. M. K. Khedkar, Professor, VNIT Nagpur and Dr. S. S. Bhat, Associate Professor, VNIT Nagpur.
- Dr. M. M. Renge, Professor in Electrical Engineering Department has delivered an expert lecture on the topic "AC-DC Drives" held on 19th September 2016 during one week course on "Maintenance of Transformer, Induction Motor & Furnace" organized by Ordnance Factory, Ambajhari, Nagpur. The event witnessed the participation from the staff of entire ordnance factories across the India.
- Dr. S. B. Bodkhe delivered a guest lecture on "SAR of NBA" at Priyadarshini College of Engineering, Hingna Road, Nagpur on 26th Sept. 2016. It was attended by the Principal, HoDs and senior faculty members of this institute.
- Prof. G. N. Goyal, Professor in Electrical Engineering Department has delivered an expert lecture on the topic "Operation and Trouble Shooting of Transformer" held on 19th September 2016 during one week course on "Maintenance of



Transformer, Induction Motor & Furnace” organized by Ordnance Factory, Ambajhari, Nagpur. The event witnessed the participation from the staff of entire ordnance factories across the India.

- Dr. S. B. Bodkhe has published a paper titled "Comparative Analysis of Classical Three- Phase Multilevel (Five level) Inverter Topologies" in 2016 IEEE First International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2016), 4th-6th July 2016, DTU, New Delhi. This paper is available in IEEE Xplore database.
- Dr. M. M. Renge has published a paper titled "Solar Based Series Z-Source Inverter for Induction Motor Drive With Soft Starting" in 2016 IEEE First International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2016), 4th-6th July 2016, DTU, New Delhi. This paper is available in IEEE Xplore database.
- Prof. M. B. Gaikwad has attended Faculty Development Programme on "Renewable Energy Sources and Power Quality" during 29th August to 02nd September 2016 which was organized by VNIT, Nagpur.
- Prof. M. Sahu has participated in three days workshop on "5th INUP Familiarization" organized by IIT Bombay from 25th to 27th May 2016.

STUDENTS' ACCOMPLISHMENTS

• STUDENT'S RESULT

The final year students (2017 batch) of Electrical Engineering Department are placed in companies like Accenture, Wipro and Infosys. The total number of students placed till date are 32 out of 68 eligible candidate. Seven students are shortlisted for the final round of Shapoorji & Pallonji Corporation Ltd.

• WORKSHOP ORGANISED

- i. A workshop on "Basics of Aptitude skills" for third year students was organized by Electrical Engineering Students' Association (EESA) on 5th August 2016. The workshop was conducted by Mr. Pravin, Alumni 2001

batch, Industrial and Mr. Ashis Diwan, Alumni 2009 batch, Electrical. This workshop was organized by Electrical Engineering Student Association (EESA) under the guidance of faculty advisor Prof. G. N. Goyal and HOD, Prof. V. T. Barhate. Total 55 students were benefitted from this workshop.

- ii. A workshop on "Concept of Group Discussion & Personal Interview" for final year students was organized by Electrical Engineering Students' Association (EESA) on 10th August 2016. The workshop was conducted by Mr. Sumit Totade, Ex Endorsement Dale Carnegie Trainer. This workshop was organized by Electrical Engineering Student Association (EEESA) under the guidance of faculty advisor Prof. G. N. Goyal, and HOD, Prof. V. T. Barhate. Total 58 students attended the workshop and learnt the Do's & Dont's of Group discussion & Personal Interview.
- iii. A workshop on "Career as Data Analyst" for final year students was organized by Electrical Engineering Students' Association (EESA) on 13th August 2016. The workshop was conducted by Mr. Soubhik Dasgupta, Alumni 2007 batch, Electrical. He is founder & CEO of SDG Statistics & Demographic Governance, Pune. This workshop was organized by Electrical Engineering Student Association (EEESA) under the guidance of faculty advisor Prof. N. M. Deshkar, Prof. G. N. Goyal, and HOD, Prof. V. T. Barhate. Total 55 students have attended the workshop.

PAPER PRESENTATION

- i. Mr. Rahul V. Chakole, student of M. Tech. (PEPS) along with Dr. M. V. Palandurkar & Dr. M. M. Renge, has presented & published a paper titled "Energy Management of Supercapacitor with DC-DC Converter" in 2016 IEEE First International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2016), 4th-6th July 2016, DTU, New Delhi. This paper is available in IEEE Xplore database.
- ii. Miss. Bhavika Shah, student of M. Tech. (PEPS) along with Prof. S. C. Rangari, has presented & published a paper titled "Analytical and Comparative Study of FHI-



SPWM with SPWM Control Technique”in 2016 IEEE First International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2016), 4th-6th July 2016, DTU, New Delhi. This paper is available in IEEE Xplore database.

CAPACITY BUILDING ACTIVITIES

• ENTREPRENEURSHIP DEVELOPMENT CELL INSTALLATION PROGRAM, 2016-17

The new team of office bearers for Entrepreneurship Development Cell of Department of Electrical Engineering was installed on 31st August 2016. Mr. Soubhik Dasgupta, an 2007 batch alumnus, Founder & Principal Consultant, SDG Centre of Excellence, Nagpur was chief guest.

Mr. Dasgupta guided the students on entrepreneurship & motivational aspects and how to move ahead step by step to overcome the challenges in entrepreneurship. Prof. M. R. Jain, Chief coordinator, guided the students on “Traits of an Entrepreneur”. Prof. V. T. Barhate talked about importance of Entrepreneurial attitude. Prof. U. B. Mujumdar introduced the role of 'Entrepreneurship Development Cell' in overall development of students.



The student president Mr. Shreesh Deep Gupta and secretary Mr. Aakashdeepsingh Bhatia gave the details of various activities to be conducted in the year. Shivani Bojalwar, Rucha Buche and Shweta Shweta Alegaonkar conducted the program. Aakash deepsingh Bhatia proposed the vote of thanks. Pradutta Joshi, Sagar Bhade, Abhishek Gupta, Yash Chandak and Ritesh Dakhate worked hard for the success of the program.

DEPARTMENT OF ELECTRONICS ENGINEERING



FACULTY CORNER

- Prof. J. A. Shrawankar was awarded Doctor of Philosophy by Visvesvaraya National Institute of Technology, Nagpur during the 14th Convocation held on 15th Sep 2016.
- Prof. Vishal Rathee, Prof. M.B. Thacker, Prof. Lokesh Heda mentored the students for the placement drives conducted for various IT and Core companies.
- Prof. Nikhil Damle conducted preparatory session for aspirants of the Campus Placement Drive on the topics, Aspects of Computer Networks, Database Management Systems (RD-BMS, SQL, PL-SQL).

PAPERS PUBLISHED IN CONFERENCES/JOURNALS

SN	Title of Paper	Name of Author(s)	Conference/ Journal (National/ International)	Conference/Journal- detail	Date of Publication
1	BIST for Memory with Address and Syndrome Compression	Prof.(Mrs) P.K. Joshi Ajinkya R.Kapse	International Journal	International Journal of innovative Research in Electrical , Electronics, Instrumentation and Control Engineering , ISSN 2321-5526, DOI 10.17148/IJIREEICE.2016.4741	Volume 4, Issue 7, July 2016,

- Prof. Archana Tiwari, Prof. Rhishikesh Deshmukh attended AICTE Sponsored CEP Short Term Course on Advance State of the Art Microcontroller organized by Department of Computer Science & Engineering, Indian Institute of Technology, Kharagpur during 03-08 July, 2016.
- Dr.(Mrs.)A.A. Khurshid, Dr. (Mrs.) R.S. Ochawar, Dr. (Mrs.) R.R. Khandelwal attended Training on "Bhuvan Services and Applications" organized Regional Remote Sensing Center Nagpur, Department of Space, ISRO, Govt. of India by from 13-14 July, 2016.
- Dr.(Mrs.) A.A. Khurshid, Dr. (Mrs.) R.S. Ochawar, Dr. (Mrs.) R.R. Khandelwal attended Seminar on Signal Processing, Communications, and Computer Vision System Design using MATLAB and Simulink organized by MathWorks, at Nagpur on 04 Aug 16.
- Prof. Suvarna K Gosavi attended One day Workshop on "Geospatial Technology & ISRO Geo-portals for Developmental Planning and e-Governance" organized by Regional Remote Sensing Center - Central (RRSC-C), Nagpur on 25th Aug 2016.



- Prof.S.R Pandey was invited to deliver lecture on "VLSI Testing -Algorithms" at "G.H.Raisoni Institute of Engineering and Technology" on 8 Aug 2016.

Prof. Pandey delivering lecture

- Prof. D.J. Dahigaonkar was invited as Session Chair in International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT-16) held on 9th -10th Sep 2016 organized by I2IT Pune.
- Prof. D.J. Dahigaonkar was invited to deliver Plenary Talk in International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT-16) held on 9th -10th Sep 2016 organized by I2IT Pune.
- Prof. B.M.Hardas participated in brain storming session on "Smart City or Smart Citizens" organized by

Dakshinamurti Swayamsewak Ganeshotsav Mandal, Nagpur on 13 September 2016.

STUDENTS' ACCOMPLISHMENTS

- ED Cell-Electronics Department organized a session on "Entrepreneurship Development Awareness camp" on 15/09/2016. Mr H R Waghmare, Project Officer, MCED Mihan, delivered the expert talk. Students from EN, EC and EDT participated in the event.



Mr.Waghmare Delivering his address



Prof. Dwaramwar delivering his talk

- Prof. P A Dwaramwar delivered talk on "Opportunities in Electronics and Electrical Engineering Entrepreneurship and Technology Business Incubation" at Electronics Engineering Department on 10/09/2016

- Students of department participated in various circular and extra circular event organized by institutions and industries of repute and proved their mettle in these events.
- Ms. Vaishnavi Pendke received 3rd Rank in II semester Examination for all branches

SN	Name of the student	Sem.	Name of the event participated	Organizer	Date of event	Achievement
1	Mayuri Sengar	III	Inter college Volleyball	DNC college	19th -20th Sept 16	3rd position
2	Payal Nimje	III	AXIS'16 Mobile making workshop	VNIT	13th -14th Aug 16	3rd Position
3 4	P. Sanjay Naidu Gaurav Chaudary	V	INTERBRANCH BADMINTON	RCOEM	27th Aug - 8th Sep 16	RUNNER-UPS
5	Kritika Verma	V	Inter College Chess	VNIT	26th Aug 16	1st Position
6	Kritika Verma	V	Inter Branch Chess	RCOEM		1st Position
7	Arpit Verma	V	Ad-Mad competition (WAD)	SRC, RCOEM	4-10 July 16	1st position
8	Anushka Dubey	V	Creative Writing competition (WAD)	SRC RCOEM	1-8 Jan 2016	1st position
10	Yamini Sharma	V	Graffiti	GHRCDE		Runner Up

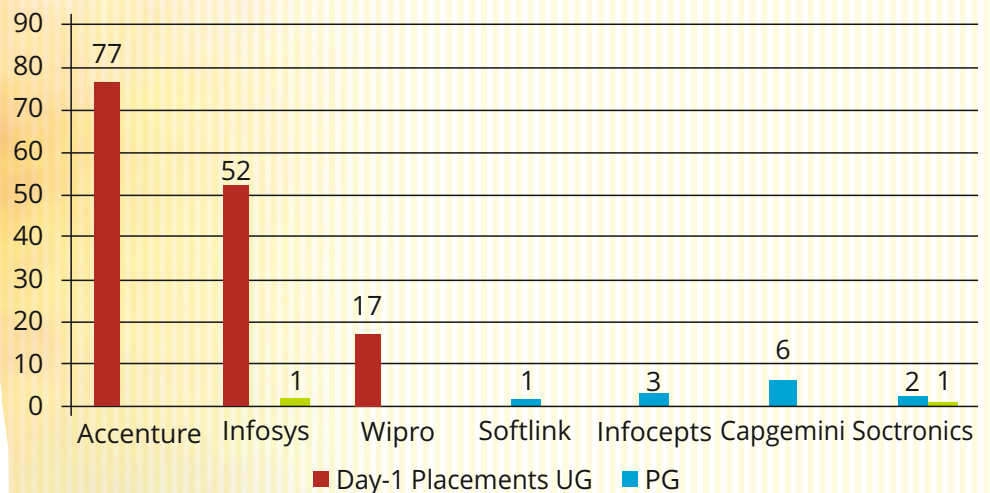
- Mr. Suchdeep Juneja, Prakhar Agrawal, Akshay Sonare, Kiran Verma, Gauri Patrikar, Pooja Doyee successfully completed "RGSTC-TIFAC-MSME Internship Scheme.

The students were associated with M/s Techwalnut, Powai Labs, I thing designs, PeeDee Enggineering for their project work.

PLACEMENT DRIVE @RCOEM

Students of Electronics Engineering participated in the Campus Placement drive conducted for various companies in the campus. The placement drive was

conducted for Accenture, Infosys, Wipro, Soft link and Infocepts etc. Day-1 of placement drive was shared by Accenture, Infosys, Wipro.



RCOEM-Electronics Engg Day-1 Placements

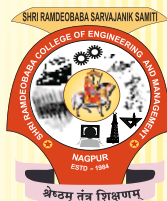


• INDUSTRY PROJECT

The students are encouraged to undertake and solve industry problems. The students have taken up this challenge and volunteered for undertaking the industry problems as their final year project work. The projects are evaluated by the peer industries and are in their final phase of completion.

SN	Name of Student	Guide/Mentor	Project Title	Industry
1	Omkar Kekre Suchdeep Juneja Simran Mishra Nikita Dalela	Prof. M. Thacker	Hybrid module of wired	Techwalnut Pvt. Ltd Nagpur and wireless communication
2	Anushree Kharwade Anjali Joshi Divya Dhiran Govind Avadhani	Prof. M. Thacker	Disha-drishti	The Blind Boys Institute, Nagpur
3	Abhishek Gandhi Ahtesham Khan Gaurav Bonde Hrshikesh Ghangrekar	Prof. Dahigaonkar	Fire detection and protection for route relay interlocking - relay room, Indian railway	Indian Railways, RRC Nagpur
4	Prachita Yerawar Utkarsha Jain Prakhar Agrawal Arpit Jain	Prof. Khandelwal	Automation of post manufacturing process for brick industry.	M/s. PeeDee Engineering Associates, Indore, MP
5	Sujoy Bose Rooshali Gupta Sheena Thomas Rohan Gokhale	Prof. S. Anjankar	Pick and place automation machine using PLC	M/s. Spacewood Industries, Nagpur
6	Mohit Partani Mohit Lohia Geeta Belani Aishwarya Shrivastava	Prof. V. Rathee	Multiport solar charger	M/s. Beta Computronics, Nagpur
7	Prashansa Tinguria Rasika Mohrir Ruchika Kachhwaha Sankriti Gupta	Prof. S. Anjankar	Garbage collecting robot	M/s. Spentex Industries Ltd., Butibori, Nagpur
8	Suyash Jargar Divya Nagpure Prasad Chimulwar Rohini Kalamkar	Prof. Dwaramwar	Portable fuel adultration detection system	M/s. Dhruv Transnet, Nagpur

9	Aviral Raghorte Garima Singh Aayushi Agrawal	Prof. Hardas	Smart Railways with advance platform screen doors	Indian Railways (SEC), Nagpur
10	Akshay Sonare Harsha Dubey Ketan Dixit Abhishek Ambulkar	Prof. Shrawankar	Mining safety management system	M/s. AB Inclined, a WCL Co., Silewara, Nagpur
11	Nandini Agrawal Neerja Sharma Khushboo Sarda Sagar Talvekar	Prof. R. Deshmukh	Study & development of LED lamp driver	WCL, Umrer, Nagpur
12	Saloni Deep Sakshi Pandey Kiran Verma Rishabh Kaushik	Prof. Khurshid	IOT enebled intelligent home devices	M/s. 1 thing Design, Gurgaon, India
13	Bhavya Modi Sahil Gupta Saket Katkar Sanil Shekatkar	Prof. P. Shekdar	Electronic Wheel chair	M/s. Beta Computronics, Nagpur
14	Sanjana Turkar Vaishnavi Bhalerao Renuka Pohankar Sargam Bisen	Prof. Poorvi Joshi	Wireless control for home automation	M/s. Zero Systems, Nagpur
15	Ameya Deo Aditya Oswal Harsh Vaibhav Rohit Agrawal	Prof. Ochawar	Halting of melting wires using MCB	Kiran Plastic Industries Pvt. Ltd., Ajni near Kamptee
16	Vasudev Singh Yugandhar Pathak Shubham Shrivastav Shubham Nikhra	Prof. Kalambe	Automation of textile line blow room using PLC	Morarji textile, Butibori, Nagpur
17	Padmaja Gawande Nishant Nimkhedkar Nitesh Jain Priya Nayak	Prof. Narkhede	Servilliance Bot for coal mines	WCL Ltd., Nagpur
18	Anurag Tiwari Deepak Katore Anand Sahu Himanshu Sadafule	Prof. P. Jawarkar	Reset circuit for Bhabhatron-2	PANACEA Medical Technologies, Bangaluru. Site location: Padhar Hosp., Betul



19	Shubhangi Thakur Nidhi Sheet Aditi Dharampuriya Gopal Gupta	Prof. S. Gosavi	Development of software module for hyper spectral data processing	ISRO-RRSSC Nagpur
20	Kiran Harde Mugdha Wanjari Ankita Jaodand Kalyani Mandhana	Prof. Khobragade	Surveillance & automation of residential society	M/s.Zenith Infra, Warora, Chandrapur
21	Rashmi Mordia Shikha Sadhwani Shweta Gupta Tarannum Naaz Sheikh	Prof. Khandelwal	Analysis of chemical properties of soil for effective farming	M/s. National Bureau of soil survey & land utilization, Nagpur
22	Samiksha Patil Neha Gaur Puja Illa Puja Likhari	Prof. S. Dawre	Fault detection and monitoring of a three phase system	M/s. Electronic Designers, Nagpur
23	Ameya Pranjale Bhakti Jahagirdar Raksha Mahajan Gouri Mangrulkar	Prof. Hardas	Networking and data logging of furnace using PLC & SCADA	M/s. SAP control systems & engineering pvt. Ltd., Nagpur
24	Pooja Mankar Shivani Virulkar Arti Girdhar Neha Bhabhle	Prof. Kalambe	Detection of organic matter in soil for representative crop growth	M/s. National Bureau of soil survey & land utilization, Nagpur
25	Awachit Raut Sandeep Chaturvedi Gourang Dixit Pranay Tiwari	Prof. Dahigaonkar	Design & development of control unit for weighing machines	M/s. Sensors and Systems, Nagpur
26	Sushantika Mallick Pooja Chandak	Prof. Pankaj Joshi	Smart assistant driver	M/s. NS Engg. Ltd., Nagpur
27	Ketan Chitra Nilesh Rawal Shivam Dwivedi Shriniwas Joshi	Prof.S. Laddha	Remote environmental monitoring	M/s. Techno Energy Engineering Pvt.Ltd., Nagpur

CAPACITY BUILDING ACTIVITIES

eYantra “Embedded Systems & Robotics Lab” at RCOEM 4 Teams under the mentorship of faculty participated in the Task based (TBT2016) training program from e-yantra Labs. Faculty Mentor team also participated in Task based (TBT2016) training program. After the successful completion of the TBT by Faculty an online valedictory function was arranged. The valedictory was followed by inauguration of eYantra “Embedded Systems & Robotics Lab”; Supported by e-Yantra Lab Setup Initiative (eLSI) IIT Bombay; Funded by MHRD under National Mission on Education through ICT (NMEICT) on 8th September 2016. Dr. R. S. Pande (Principal), Dr. Mrs. A. A. Khurshid (HoD, EN) from RCOEM and Dr. Krishna Lala (Project Manager, eYantra) and Prof. Kavi Arya (Principal Investigator, eYantra) from IIT Bombay chaired the event.

TBT2016 completion certificates were distributed among the eYantra faculty team members (Prof. Rushikesh Deshmukh, Prof. Sharmik Admane, Prof. Sandeepkumar Pandey, Prof. Suresh Balpande). Two

robotic kits were also received from e-Yantra team as a part of this lab facility. E-Yantra lab setup will provide all sort of assistance and guidance to faculty members and students to complete their projects and research work at national and international level.



(Left to right : Prof. P. U. Joshi, Dr. J. A. Shrawankar, Dr. R. S. Pande, Prof. R. A. Deshmukh, Dr. Mrs. A. A. Khurshid, Prof. S. R. Pande, Dr. J. Kalambe, Prof. S. Admane, Prof. S. Balpande, Mr. Suchdeep Juneja) - Presenting e-Yantra signage

INDUSTRY TRAINING PROGRAM

SN	Name of the student	Semester	Institute/Organization/Industry	Duration
1	Rohini Kalamkar	VII	Mahadev Industries, Hingna, Nagpur	20/06/2016 to 16/07/2016
2	Prasad Chimalwar	VII	BSNL, Seminary Hill, Nagpur	20/06/2016 to 16/07/2016
3	Prachita Yerawar	VII	BSNL, Seminary Hill, Nagpur	30/05/2016 to 03/06/2016
4	Shweta Singh	VII	Prasar Bharti, Doordarshan Kendra, Nagpur	30/05/2016 to 03/06/2016
5	Yashika Barhaiya	VII	Prasar Bharti, Doordarshan Kendra, Nagpur	20/06/2016 to 24/06/2016
6	Arpit Jain	VII	Prasar Bharti, Doordarshan Kendra, Nagpur	27/06/2016 to 01/07/2016
7	Utkarsha Jain	VII	Prasar Bharti, Doordarshan Kendra, Nagpur	27/06/2016 to 01/07/2016
8	Prashansa Tinguria	VII	Prasar Bharti, Doordarshan Kendra, Nagpur	30/05/2016 to 03/06/2016
9	Sanskriti Gupta	VII	Prasar Bharti, Doordarshan Kendra, Nagpur	30/05/2016 to 03/06/2016
10	Nikita Dalela	VII	Prasar Bharti, Doordarshan Kendra, Nagpur	30/05/2016 to 03/06/2016
11	Arpit Jain	VII	Prasar Bharti, Doordarshan Kendra, Nagpur	31/05/2016 to 20/06/2016
12	Utkarsha Jain	VII	MAHAGENCO, Koradi, Nagpur	31/05/2016 to 20/06/2016
13	P. Sanjay Naidu	V	BICT	3rd Jun-3rd Jul 16
14	Prasad Chimalwar	VII	Mahadev Industries, Hingna, Nagpur	20/06/2016 to 16/07/2016



M. TECH. (VLSI DESIGN) : LIST OF PROJECT INTERNSHIP

S N	R & D organization / Industry	Faculty Mentor	Internship Details
1	Siemens Technology and Services Pvt. Ltd. Baner Road, Pune	Prof. P. U. Joshi	Student Name : Ojasvi Sancheti
2	CSIR- National Environmental Engineering Research Institute, NEERI Nagpur	Prof. J. A. Shrawankar	Student Name : Geetika Mourya Title : Investigation and assessment of Radio wave propagation in typical urban and rural environment
3	CSIR- National Environmental Engineering Research Institute, NEERI Nagpur	Prof. (Mrs.) Poorvi Joshi	Student Name : Isha Sahu Title : Development of Mathematical model for Environmental audit for Industry
4	Bhabha Atomic Research Center, (BARC) Mumbai	Dr. (Mrs.) P. K. Parlewar	Student Name : Shirin Chaukse Title : Development of readout mechanism of single line CCD sensor
5	Vikram Sarabhai Space Center, ISRO, Thiruvananthapuram, Kerala	Prof. S. V. Admane	Student Name : Prakash Mishra Title : Development of portable radio sounder for atmospheric studies
6	Vikram Sarabhai Space Center, ISRO, Thiruvananthapuram, Kerala	Dr. N. P. Narkhede	Student Name : Jitendra Turkar Title : Development of portable radio sounder for atmospheric studies
7	Center of VLSI and Nanotechnology, Visvesvaraya National Institute of Technology (VNIT), Nagpur	Dr. (Mrs.) R.R.Khandelwal	Student Name : Shilpa Rajpal Title : Development of Augmented reality system for curved surface
8	Center of VLSI and Nanotechnology, Visvesvaraya National Institute of Technology (VNIT), Nagpur	Dr. V. E. Khetade	Student Name : Apoorva Joshi Title : Augmented reality for virtual Nail Art.
9	IIT Powai, INUP Programme	Dr. Jayu Kalambe	Student Name : Sakshi Rana Title : Fabrication of Micro-fluidic channel for detection of adulterants in milk.

GUEST LECTURE & WORKSHOP GIVEN:

SN	Name of Activity	Area	Target Audience	Faculty Coordinator
1	Guest lecture on "Quantum Mechanics" by Dr. R. M. Patrikar, Professor, VNIT Nagpur. 30/07/2016	MEMS	M.Tech VLSI	Dr. J. P. Kalambe
2	Workshop on "Proteus VSM Software" 26th & 27th August 2016	E-CAD	II Year Student	Prof. S. K. Gosavi, Prof. B. V. Lad
3	Guest lecture on " Nanoscale MOSFET " by Dr. Ganesh Patil 27/08/2016	MEMS	M.Tech VLSI	Dr. J.P.Kalambe
4	Workshop on Embedded System on Raspberry Pi under Embedded Club	Embedded System	M.Tech VLSI	Prof. Shubham Anjankar
5	Guest lecture on Career in Armed Forces by Flying officer (Retd.) Shivali Deshpande , 29th Septemeber 2016		UG	Prof. Vikas Gupta



BEYOND ACADEMICS

Electrolitz Students Society: Electrolitz Student Society body for session 2016-17 was constituted.

Designation	Post Holders
President	Aishwarya Shrivastava
Vice President	Gopal Gupta, Om Patel, Ameya Pranjale
Treasurer	Mohit Partani, Sahil Gupta, Pooja Doye
Cultural Secretary	Alisha Nathani, Shubham Sharma, Kiran Harde
Secretary	Aviral Raghorte, Ranveer Uprit, Raksha Mahajan
Event Manager	Likhit Agrawal, Sonal Renge, Shivam Dwivedi
Technical Head	Divyaprakash Dhurandhar, Omkar Kekre, Awachit Raut
Systems Head	Sagar Talwekar, Gouri Mangrulkar
Resource Management Head	Nikhil Agrawal, Prakhari Agrawal, Shubham Upasani, Vishnu Tiwari
T&P Coordinator	Abhishek Gandhi
Literary Coordinator	Anubha Kumar
Poetry Head	Noopur Bhattacharjee
Music Coordinator	Suchdeep Juneja, Isha Changde
Drama Coordinator	Ayush Darak
Dance Coordinator	Himavanth Boddu
Backdrop Head	Ruchika Kushwaha
Sports Secretary	Mrunmayee Dani, Akshay Sonare, Rooshali Gupta, Sujoy Bose
Magzine Coordinator	Pranjal Dixit, Geeta Belani
ED/III Cell Coordinator	Ayush Mishra, Gaurav Chaudhari, Akshat Sahu, Sanjog Jain
Alumni Coordinator	Sanjay Naidu, Vedpriya Ghasias, Riya Mathur, Gaurav Sharma, W pallavi
Carrier Guidance Cell Coordinator	Surbhi Poonia, Shantanu Joshi
Embedded Club Coordinator	Devesh Gattani, Prakash Mishra

INDUSTRY VISIT

The students in the department visited industries in the region. These visits were arranged to provide the students the understanding of the working environment, processes within the industry. The students interacted with the industry officials and observed the working of these industry units. The faculty members acted as the interface between the students and the industry officials.

SN	Industry	Faculty Coordinator	Industry Personel
1	Maharashtra Remote Sensing Application Center Nagpur	Prof. Prachi Rane, Prof. Anand Maheshwari	Mr .Sanjay Aapturkar
2	SHIVAM FOODS" Bahadura Umrer Road, Nagpur	Prof. Swapnil Ninawe Prof. S. R. Pandey, Prof. R Deshmukh Prof. P. Joshi	



Industrial Visit at Maharashtra Remote Sensing Application Center Nagpur on 31st August 2016



Industrial Visit to Shivam Foods on 25/8/2016. Students were shown the Production process of Parle G Biscuits

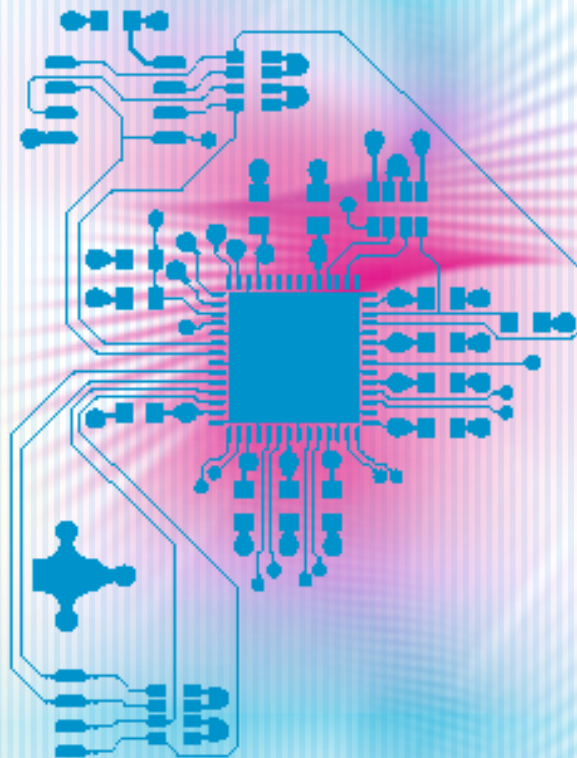
DEPARTMENT OF ELECTRONIC DESIGN TECHNOLOGY

FACULTY CORNER

- Dr. Rajeshree Raut was called as an auditor at Raison College on 8th July 2016.
- Dr. Rajeshree Raut delivered expert Lecture on "Research Methodology" in ACET, Nagpur, on 3 August 2016.
- Dr. Rajeshree D. Raut presented a paper on "Comparative Study of Various Spectrum Sensing Techniques", in International Conference on Cloud Computing and Computerization on 24th July, 2016.
- Prof. Deepali Shelke was awarded Ph.D in Electronics Engineering from RTMNU, Nagpur University on "Design of Low Complexity Decoder for MIMO wireless system".
- Dr. Rajeshree D. Raut and Prof. Udayan S. Patankar organized a workshop on "Electronic Circuits Designing", at RCOEM, Nagpur from 10th August - 11th August 2016.



Dr. Rajeshree D. Raut and Prof. Udayan S. Patankar organized a workshop on "Basics of GNU Radio", at RCOEM, Nagpur from 29th -30th August 2016.





The Department organized an Induction program on 22nd July 2016 for second year students.



Dr. Rajeshree D. Raut and Prof. Udayan S. Patankar organized a workshop on "Communication System Developments using Arduino Board", at RCOEM, Nagpur from 8th -10th September 2016.

STUDENT ACCOMPLISHMENTS:

Sarthak Kelapure student of final year EDT, presented Product Idea in ARM design contest, Advanced Computing and Communications Society (ACCS, Bangalore)

In the ongoing campus placement drive, following Final year Students of the department have been placed so far in Infosys, Tech Mahindra, Capgemini, Accenture, Wipro, etc.

S. No.	Name of Student	Name of Company
1	Aditya Lutade	Wipro
2	Apoorva Kalaskar	Wipro, Accenture
3	Ekta Chahar	Infosys, Accenture
4	Madhulika Bhagwatkar	Infosys, Accenture
5	Ravishree Durugkar	Accenture
6	Sarthak Kelapure	Wipro, Accenture
7	Shubham Patil	Infosys, Accenture
8	Jitendra Devangan	Capgemini

CAPACITY BUILDING ACTIVITIES

- A workshop on "Soft skills development" for 4th Year students by Prof. Rebecca Khemani and Prof. Akanksha Deshpande from Dept. of Humanities, RCOEM, Nagpur was held from 18th July 2016 to 25th July 2016.
- Guest Lecture on "How to Win the Market" organized for 4th year students of EDT department on 23rd July 2016. The speaker was Akhil Kasturkar The Director, Regalia Paints. He talked about how we can improve ourselves by improving skills.
- Guest Lecture on "How to Handle Interview" organized for 4th year students of EDT department on 6th Aug. 2016. The speaker was Mr. Saurav A Roy Senior – Lead HR Infocepts, Nagpur. He talked about the interview skills and basic problems faced by students while giving answers to particular questions.
- Guest Lecture on "Carrier prospects" was delivered by Miss Ishita Vaidya, Alumni of EDT on 11th Aug. 2016.



- A guest lecture on "Entrepreneurship Development Awareness" organized for 2nd, 3rd and 4th year students of EDT department on 15th September 2016. The speaker was Mr.H.R.Waghmare (Project Officer, Maharashtra Centre for Entrepreneurship Development [MCED] Centre MIHAN Project & MCED Nagpur.) with more than 21 years of Entrepreneurship Development Experience.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY CORNER

- Dr. S.B. Pokle was subject Expert on faculty selection committee at G.H. Rasoni Academy of Engineering & Technology, Nagpur, on 2 July 2016.
- A paper titled "FPGA Implementation of a Novel Technique for Selective Image Encryption" authored by Prof. Anish Goel is accepted at the "2nd IEEE International Conference on Frontiers of Signal Processing" organized by Warsaw University of Technology, Poland during 15-17 Oct. 2016.
- Prof. Anish Goel authored a paper titled "Median Based Pixel Selection for Partial Image Encryption" which is selected for presentation at "The Sixth International Conference on Image Processing Theory, Tools and Applications" hosted by University of Oulu, Finland in Dec. 2016.
- Prof. Anish Goel was invited at Suresh Deshmukh College of Engineering, Wardha to deliver a guest lecture on "Higher Education Opportunities Abroad" on 30th Aug. 2016.
- Prof. Ankita Harkare delivered Guest Lecture on "Trends in FPGA/CPLD Design at S.B. Jain Institute of Technology, Management and Research, Nagpur" on 23rd September 2016.
- Prof. Deepak Khushalani authored a paper titled "Fabrication and characterization of MEMS cantilever array for switching applications", Elsevier, Microelectronics Engineering 157(2016) 78-82.
- Prof. Deepak Khushalani also authored and published a patent titled "QPSK Modulator Based on MEMS Cantilever (IDEA patent)", 419/MUM/2015, published on 12/08/2016, journal no -33/2016, IPA.

STUDENTS ACCOMPLISHMENTS :

Sr. no	Name of the student	Year/ Branch	Name of the event participated	Organizer	Date of event	Achievement
1	Soumya Srivastav	4th yr EC	Asian Cultural youth exchange programme			Represented INDIA
2	Soumya Srivastav	4th yr EC	chess tournament		2015-16	Gold medal
3	Ketki Dhoble	4th yr EC	Inter college volleyball tournament		2015-16	Second position
4	Ishan Bhojak	4th yr EC	Consortium, pitcher perfect	VNIT, Nagpur	2016	First position
5	Saiesh Jain	4th yr EC	Indian engineering olympiad (electronics)		2015-16	ALL INDIA rank 16
6	Saish Jain, Madhulika Dholke, Shivani Kshatriya	4th yr EC	IEEE student awarness contest	IEEE, pune section	2015-16	1st position
7	Gaurav Chokhani	3rd yr EC	Akhil Ghate memorial state level basketball tournament		2015	1st position
8	Mahika khare	3rd yr EC	National conference	Spandan, YCCE-16	2016	1st position
9	Gauri Pande and Sayali Bodhankar	3rd yr EC	IEEE student awareness contest	IEEE, Pune section	15-16	2nd position
10	Nikita Sen	2nd yr EC	Intercollege cultural youth festival (skit)	YUVARANG	15-16	3rd position
11	Sanket Ambhore	2nd yr EC	Maharashtra state roller hockey championship			1st position
12	Abhinav Bathula	2nd yr EC	LITMUN	LIT college, Nagpur		Awarded high commendation
13	Krupal Lambat	4th yr EC	Swimming championship			Qualified for national level swimming

CAPACITY BUILDING ACTIVITIES:**WORKSHOPS:**

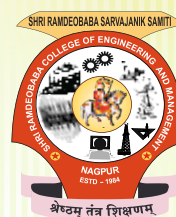
EC and EDT Department jointly planned a series of workshops titled **"Electronics Learning: A practical approach"** for 2nd, 3rd and 4th year students of both the

departments. Through this series a total of 7 workshops are planned out of which three have successfully conducted. Rest of the workshops will be conducted in coming days. Details of the conducted workshops are as follows.

Sr. No.	Workshop conducted till date	Participants	Date	Workshop Coordinator
1	Electronic Circuits Design	3rd year EC,EDT,EN	12-13 Aug, 2016	Prof. Udayan Patankar(EDT) Prof. Chetan Waghmare(EC)
2	Basics of GNU Radio	3rd year EC,EDT,EN	29-30 Aug, 2016	Dr. Rajeshree Raut (EDT) Prof. Chetan Waghmare(EC)
3	Communication Systems Development using Arduino Board	3rd year EC	8th ,10th , 12th Sept, 2016	Prof. Chetan Waghmare(EC) Prof. Udayan Patankar(EDT)

WORKSHOP

ELECTRONIC CIRCUITS DESIGN
 WIRELESS RADIO
 POWER SYSTEMS
 POWER SUPPLY BOARD



WORKSHOP 1

ELECTRONIC CIRCUITS DESIGN :

The workshop was a complete two days hands-on session conducted by Prof. Udayan Patankar (EDT). A total of 48 students from EC, EDT and EN dept. showed active participation.

COURSE CONTENT

- Basics of Bread Boarding
- Details of Circuit Symbols And Understanding Of Circuit Diagrams
- Details of Basic Circuit Components (R,I,c)
- Component Testing Circuit
- Implementation of Source And Sink Logic
- Power Supply Design
- Timer Circuits (Clocking Circuits)
- Display Circuits
- Temperature Sensor Circuits
- Light Sensor Circuit
- Wireless Data Communication Circuits
- Personal Audio System
- Basics Of Electronic Product Design
- Basics Of Pcb Designing Manual Pcb Designing



Participants engaged in implementing their circuits during hands on session



Participants engaged in etching their PCBs

WORKSHOP 2

WORKSHOP 2: BASICS OF GNU RADIO

The workshop was started with a four hour theory session on "Basics of Cognitive Radio Technology" by Dr. Rajeshree Raut (EDT) and was continued with one and half day hands-on session on GNU Radio software by Prof. Chetan Waghmare (EC). A total of 45 students from EC, EDT and EN dept. showed active participation.

COURSE CONTENT

- Introduction to Cognitive Radio Technology
- Introduction to GNU Radio Software
- Plotting of Signals in Time and Frequency Domain
- Transmission of Signals Between Two Computers Using TCP/IP Connection
- Am Modulation and Demodulation of Music File
- DSB and SSB Modulation and Demodulation of Music File



Theory session by Dr. Rajeshree Raut (EDT)



Hands-on session by Prof. Chetan Waghmare (EC)

WORKSHOP 3: COMMUNICATION SYSTEMS DEVELOPMENT USING ARDUINO BOARD

The workshop was a complete three days hands-on session conducted by Prof. Chetan Waghmare. A total of 16 students showed active participation.

COURSE CONTENT

- Introduction to Arduino Board
- Basic Codes to Deal with Digital Pins of Arduino
- Basic Codes to Deal with Analog and PWM Pins of Arduino
- Lcd Interfacing
- Basics of Serial Communication
- Synchronous Serial Communication Using SPI and I2C Protocols
- SD Card Module Interfacing
- GSM Module Interfacing
- GPS Module Interfacing
- Relay Module Interfacing



Participants engaged in implementing their circuits



Guest Lectures :

Prof. Mrs. Vaijayanti Panse through Entrepreneurship Development cell of EC department organized a guest lecture on "Importance of Entrepreneurship" for 2nd year students by Prof. M.R. Jain, Professor Industrial Dept., RCOEM, Nagpur, 2nd Sept., 2016.

2. Dr. P.K. Parlewar and Prof. R. K. Rahate organized a guest lecture on "Intricacies of Advanced ARM Architecture" for Final year students by Dr. K.M. Bhurchandi, Professor VNIT, Nagpur, 6th Sept., 2016.



Prof. K.M.Bhurchandi delivering his expert lecture

3. Dr. P.K.Parlewar and Prof. N.M. Borkar organized a guest lecture on "Mobile Communication & Recent trends in Industry" for third year students by Mr. Lochan Keote, Sub-Divisional Engineer, BSNL, Nagpur, 7th Sept., 2016.



Mr. Lochan Keote delivering his expert lecture



Mr. Akhil Kasturkar delivering his expert lecture

4. Dr. Monika Seth from Humanities department of RCOEM organized a Human Resource seminar by Mr. Akhil Kasturkar, Proprietor of Banking Solutions for 3rd year EC Students on 27th Sept., 2016.

INDUSTRIAL VISITS:

Prof. Prasheel Thakre organized industrial visit for 3rd year students at "Lokmat Media Private Ltd., Butibori "



on 28th Sept., 2016. The students were accompanied by Prof. Ajinky Nilawar, Prof. Manoj Sarve, Prof. Vidya Dahake along with Prof. Prasheel Thakre.



PLACEMENTS:

81 out of 144 students of 4th year students of EC Dept. have been placed till Sept, 2016. Prof. N.M. Borkar and Prof. Vishwas Balpande are the T&P coordinators from the department.

Shift	SoftLink Int. Pvt. Ltd.	Infocept	Accenture	Infosys	Wipro	3 Offer	2 Offer	1 Offer	Total
1	1	1	41	23	9	4	18	25	49
2	--	--	22	15	11	1	14	17	32
Total	1	1	63	38	20	5	32	42	81

BEYOND ACADEMICS

The installation of "Communique Society 2016-2017" was held on 24th Sept., 2016. Mr. Shailesh Wadhankar, Central Head, Persistent Pvt. Ltd, Nagpur was present as guest of honor at the formal function "EKATRA". The various technical and non technical events were took place. The event was followed by cultural activities in the evening.

- Technical Quiz
- Curiosity
- Technical Treasure Hunt
- Circuit-Maize
- Non-Technical
- Mr. and Miss EC
- Non-Technical
- Mafia



Formal installation-2016



Non-Technical Event: Photo-booth

DEPARTMENT OF INDUSTRIAL ENGINEERING

FACULTY CORNER

- Dr. V.S. Deshpande was invited as a judge to QCFL, Nagpur CCQC on 25th September 2016.
- Dr. P. P. Tambe presented paper "Approaches for combining operational decisions for maintenance and quality control using control chart: A review" in international conference on Operations and Supply Chain Management (ICOSCM) 11-13 August 2016 organized by Symbiosis Institute of Operations Management (SIOM), Nashik.
- Dr. P. P. Tambe presented paper "System Dynamic Methodology on Procurement Management of Food & Hazardous Materials" in international conference on Operations and Supply Chain Management (ICOSCM) 11-13 August 2016 organized by Symbiosis Institute of Operations Management (SIOM), Nashik.
- Dr. Rashmi Shahu is invited as Author Delegate for the "GLOGFIT 16 " at University of Technology, Sydney to be held on 4th -6th December 2016.
- Dr. Rashmi Shahu has been invited as guest of honor for the Rotaract installation function at Hislop College on 19th August 2016.

- Dr. Rashmi Shahu delivered a Guest lecture on "Students Psychology and Challenges" on 7th September 2016 at Bapurao Deshmukh College of Engineering, Sevagram.

STUDENT'S ACCOMPLISHMENTS

- Manas Agrawal, Lakshaman Suthar, Shubham Kakde final year students presented paper on "System Dynamic Methodology on Procurement Management of Food & Hazardous Materials" in international conference on Operations and Supply Chain Management (ICOSCM) 11-13 August 2016 organized by Symbiosis Institute of Operations Management (SIOM), Nashik.
- Pranav Dange, Pranay Daharwal, final year students presented paper on "Evaluation of Lot-Sizing decisions for Forecasted Demand in a Metal Finishing Industry" in international conference on Operations and Supply Chain Management (ICOSCM) 11-13 August 2016 organized by Symbiosis Institute of Operations Management (SIOM), Nashik.
- Rohan Taori, Final year student scored 311 in GRE exam
- Vihang Tapas, Manmohan Singh Puni, Ameya Sane, Pratyush Deshpande final year students participated in intercollegiate basketball championship at DNC Sports Fest from 19th September to 21st September 2016.
- Rohan Malik, final year student, secured 2nd position in Table Tennis intercollegiate competition organized by Nagpur University held on 23rd and 24th September 2016.
- Varun Pasari, final year student, represented college in inter college table tennis competition organized by Nagpur University held on 23rd and 24th September 2016.
- Rajeshwari Chawhan, Utkarsh Rathi, Kaushal Dongre, Pratyush Deshpande and Snehal Rathi final year students were CMC members in organizing WAD summer 2016.
- Saloni Jaiswal, final year student, represented college in inter college Volleyball championship at DNC Sports Fest held from 19th September to 21st September 2016.

- Krunal Kalamkar, third year student, secured 2nd position in intercollegiate university swimming competition.
- Nidhi Agrawal, Anantara Mehta, third year students represented college in inter college Basketball championship organized by Nagpur University.
- Hitesh Zanwar, Ayush Heda, Priyankshu Mukhopadhyaya, Second year students participated in interbranch Table tennis competition held from 22nd to 29th August 2016.
- Shivam Pandey, second year student participated in YOUTH INDIA CONCLAVE, Nagpur's first ever youth fest carefully curated to bring together TEDx Speakers, YouTubers, Entrepreneurs, Artists, Designers, Geeks, Musicians on 14th August 2016.
- Amruta Abde, second year student participated in inter branch Table tennis and Chess competition held from 22nd to 29th August 2016.
- Tarang Kumbhalkar, second year student participated in inter branch Football competition held from 22nd to 29th August 2016.
- Ritika Agrawal, second year student participated in intercollegiate Table Tennis championship organized by Nagpur University held on 23rd and 24th September 2016..
- Sunayana Bhute and Shiwangee Rai, second year students participated in inter branch Badminton competition held from 22nd to 29th August 2016.

CAPACITY BUILDING ACTIVITIES

- IIIE Nagpur Students Chapter : The installation ceremony of Indian Institute of Industrial Engineering (IIIE), Nagpur student chapter, took place on 29th September 2016. The event commenced with the ceremonial lighting of the lamp. Dr. I. P. Keswani, HOD Industrial and Chairman, IIIE Nagpur Chapter, then took the stage to enlighten everyone on what IIIE is all about. It was followed by inspirational speeches from Dr. V. S. Deshpande and Dr. D. R. Zanwar. The audience hung on to every word spoken by them. All the members of the newly elected student body were felicitated with badges by the dignitaries. Prof. Rupesh



EXPERT LECTURE ON "SIX SIGMA & ANALYTICS"

An expert lecture on "Six Sigma & Analytics" was organized for final year students on 10th of August, 2016. Alumni of the institution, Mr. Soubhik Dasgupta, Founder of SDG consultants: School Of Excellence discussed the emerging trends of data analytics in corporate world. He discussed about the core issues of data mining and analysis. He also explained how the six sigma technique can be implemented with the backup of analytical tools and data acquisition and mining. The glossary of his lecture comprised of Analytics versus Analysis, Benefits

WAD S-2016 : The Workshop on Aptitude Development (WAD), a seven day workshop was inaugurated at Shri Ramdeobaba College of Engineering and Management, Nagpur on 4th July 2016. The chief guest of the function was Dr. P.G. Yeole, Pro Vice-Chancellor, RTMNU. Shri Banwarilal Purohit, Chairman RCOEM, Shri. Govindlal Agarwal, General Secretary RCOEM, Dr. P. G. Yeole, Pro Vice-Chancellor RTMNU, Dr. R.S. Pande, Principal RCOEM and Dr. Rashmi Shahu, Convener WAD, Mr. Utkarsh Rathi, Student In-charge WAD, Mr. Mohanish Jaiswal, Student Secretary WAD were present on the dais. Over 200 delegates from various colleges participated in the workshop. Dr. Rashmi Shahu, Convener WAD gave the opening remark for the event. She said that it is not just a workshop, it's a holistic training program that aims to improve the emotional quotient and communication skills of technocrats. Dr. R.S Pande, Principal RCOEM, welcomed the chief guest Dr. P. G. Yeole. Dr. P. G. Yeole in his inaugural address appreciated WAD and informed the participants that how the world is constantly changing and it requires confident manpower, problem solving

Pias, HOD , MBA department, delivered an inspirational speech marked with funny anecdotes. Prof. Sanjay M. Randiwe, Faculty Advisor, IIE Students Chapter addressed the gathering. He urged the newly elected student body to repeat the past success during the upcoming 58th Conference. The Students President Mr. Kartik Rathi, IIE Nagpur chapter then proposed a vote of thanks.

of Six Sigma Implementation and DMAIC method, Scope of employment in Data & Analytics Sector and Quality Assurance.



skills and professional skills which they are going to learn through these 7 days of WAD. Shri Banwarilal Purohit, Chairman RCOEM, stressed on revolution in technology, simple living, high level thinking and inspired the participants by quoting examples of Dr. A.P.J. Abdul Kalam. He also explain the unity of Nagpur region by saying that just like an orange different religions in Nagpur are tightly clubbed together with each other. The Student Secretary, Mr. Mohanish Jaiswal proposed the Vote of Thanks. Student in Charge, Mr. Utkarsh Rathi presented the report of Winter WAD January 2016.



GUEST LECTURE BY MR. VILAS BHOYAR

"The aim of education is the knowledge - not of facts but of values"

A guest lecture was organised on the topic "Human Resource Management" for all the students of Industrial Engineering Department on August 1st, 2016. Mr. Vilas Bhojar, Sr. Manager (Personnel / ER / IR & Admin) of Star Circlips and Engineering Ltd. was the guest speaker for the session. Mr. Vilas Bhojar enlightened students on importance of action over and above reaction. Touching upon the vast aspect of punctuality he outlined the increasing dependency of people on social media. He also urged the students to take up various Human Resources related programmes while noting that there would be a major requirement of such professionals in the future.

The highlight of the lecture was the students overwhelming response over their area of interest which was the difference between dream and desire which made the session a grand success.



Concluding the session, Mr. Bhojar reminded students about unique skills and attitudes and ended with a phrase "Work hard in silence, let the success make noise". Dr. I. P. Keswani (HOD Industrial Engineering), Dr. V. S. Deshpande, Dr. D. R. Zanwar, Prof. T. A. Madankar (Prof. In charge IES) and other faculty members attended the session.

**GUEST LECTURE BY MR. MANMATH DESHPANDE**

"The roots of education are bitter but the fruit is sweet". In view of campus interviews of final year students, IES committee organized a guest lecture on the topic "Vedic Mathematics" on August 12th, 2016. Mr. Manmath Deshpande (Trainer: Aptitude Development) was the speaker of the session.

Mr. Manmath Deshpande started the lecture by illustrating to students the importance of Vedic mathematics. Vedic Mathematics helps us a lot in

increasing calculation speed. In aptitude test, core Vedic mathematics is used for calculations solely as no calculators are allowed. The speaker taught some easy and very useful mathematical tricks, especially of multiplication.

He addressed each and every student personally and helped them and solving their doubts.

Concluding the session, Mr. Manmath Deshpande enlightened students about the importance of Vedic mathematics in enhancing one's aptitude.

GUEST LECTURE BY MR. ASHISH MOTWANI

A guest lecture was organised by Industrial Engineering Society to help students decide their career paths and to impart knowledge regarding the various examinations and issues to be kept in mind while aiming for foreign higher education on August 29th, 2016. Mr. Ashish Motwani (Branch Head, Foreign Education Services) delivered a truly informative lecture on the various examinations, procedures, etc that a student requires if he desires to obtain higher education from foreign universities. This will surely help students who are aspiring to study abroad.



FORMAL INSTALLATION KNOCKS THE DOOR.

"The preparation for tomorrow is doing your best today"

Industrial Engineering department of Ramdeobaba College of Engineering and Management had their installation ceremony for the newly appointed organisation for the year 2016-17. Those are

Industrial Engineering Society (IES) and Entrepreneurship Development Cell (EDC).

The ceremony was conducted under the esteemed presence of Chief Guest Dr. Prabodh Yelane, renowned psychiatrist, Mr. Abhishek Jha, a distinguished alumina of Industrial Engineering Department as the Guest of Honour.

The ceremony was conducted in the Industrial Seminar Hall. The highlight of the programme was level of interaction they shared by the guest. The welcome speech was given by Mr. Shail Agrawal, President (IES) and was followed by an introductory speech regarding the ED Cell by Mr. Pushkar Godbole, President (EDC).

Prof. T.A. Madankar (Prof. In charge IES) gave a brief introduction of various activities of Industrial Engineering Society and the role of IES in the development of a professional as an Industrial Engineer. Prof. M.R. Jain (Central Prof. In charge EDC) made students aware about the goal and aims of EDC and he blessed to the newly EDC committee.

Dr. I. P. Keswani, HOD, Industrial Engineering., Dr. V. S. Deshpande & Dr. D.R. Zanwar gave their blessings to the IES committee members and students. They also spoke about the responsibilities of IES and EDC students'

committees towards the students of Industrial engineering. All faculty members were present during the Installation ceremony of IES & EDC committees.

The branch LOGO, T-Shirt and Wristband for this particular session were launched by honourable Chief Guest Dr. Prabodh Yelne and Guest of Honour, Mr. Abhishek Jha. The batch ceremony commenced with the distribution of batches to the newly elected student body of IES and EDC by the Chief Guest and Guest of Honour. The programme was concluded by Mr. Roshan Vishwakarma by delivering the Vote of Thanks.

Followed by a wonderful Cultural Night, which included dance, music performances, fashion show, JAM. All the students of 2nd year, 3rd year and final year participated and enjoyed whole-heartedly.



DEPARTMENT OF INFORMATION TECHNOLOGY

FACULTY CORNER

- Prof. M. A. Tayal published a paper titled "Development of an approach based on soft computing for text summarization, in Elsevier Science Direct Journal: Computer Speech and Language with Impact Factor: 1.324, Volume 41, July 2016, Pages 214-235.
- Prof. P. J. Assudani published a paper titled "A Novel Search Method for Fractal Video Compression using Block Matching Motion Estimation", in International Journal of Computer Applications with Impact Factor: 0.752, ISBN : 973-93-80892-61-1, 19th August 2016.

STUDENTS' ACCOMPLISHMENTS

- Pranali Dethé, student of V semester IT, underwent an Internship in Web Development and working on two websites at RGVP Web Solutions, Nagpur from 20th June 2016 to till date.
- Soumya Tiwari, student of III semester IT, became a member of an NGO: "UDAAN EK-JHEP", Run by Swami Vivekananda Society, which organizes various events for the betterment of the society.
- Mansi Bhiwapurkar, student of III semester IT, participated in an event "DRONA" (Online Aptitude Test), an event of IIM Indore on 24th September 2016.
- Mansi Bhiwapurkar, student of III semester IT, participated in an event "Robotech" and made a line follower Robot at VNIT Nagpur on 25th September 2016.
- Priyanka Agrawal, student of III semester IT, presented a paper titled "Cyber Crime and Cyber Laws" and won 3rd prize in National Level Paper Presentation Competition held at Government Polytechnic, Hingoli on 17th February 2016.
- Dinesh Panjwani, student of III semester IT, won 1st prize in a National Level Event "Blind C Programming" organized by G. H. Rasoni Polytechnic, Amravati on 12th March 2016.
- Dipanshu Lekurwale, student of III semester IT, presented a paper titled "Cloud Computing and Big data" in State Level Paper Presentation Competition



held at Government Polytechnic, Aurangabad on 06th October 2016.

The placement details of the department for the session 2016-17 till 30th September 2016 are as follows :

Sr. No.	Company Name	Total
1	Infosys	24
2	Accenture	28
3	ITC infotech	04
4	Wipro	12
5	Softlink International Pvt. Limited	01
	Total Offers	69

Riddhi Kakadiya, Palak Baid and Pallavi Chaturvedi, students of VII and III Semester IT, won 2nd prize in Intercollegiate Women's Basketball Tournament conducted by RTM Nagpur University from 8th to 10th September 2016.

CAPACITY BUILDING ACTIVITIES

- A Guest Lecture on Entrepreneurship by Mr. Mandar Tulankar, Director, Zero Point Energy Private Limited, was organized for 5th semester students under Entrepreneurship Development Cell, in IT department on 27th August 2015.



Mr. Mandar Tulankar interacting with students during Guest Lecture on Entrepreneurship

- NIIT TECHATHON 2016- Programming Competition was organized for 2nd and 3rd year students by NIIT on 27/08/ 2016 from 1pm to 2.30pm in which 43 students participated.



FACULTY CORNER

- Prof. A.M.Andhare was awarded PhD by R.T.M Nagpur University for his research work titled "Experimental Investigation and Thermal Performance Analysis of Helical Coil Heat Exchanger" on 27th September 2016.
- Dr. V.V. Shukla has been appointed as a member of the committee constituted for framing the guidelines and policy of RTM Nagpur University on Plagiarism as per the notification dated 4th July 2016
- Dr. M. M. Gupta, published a paper titled "Experimental Analysis and Mathematical Model of Air Cooled Condenser in Domestic Refrigerator" in International Advanced Research Journal in Science, Engineering and Technology; Volume 3; Issue 6;Page no.103-107; June 2016, ISSN(online)2393-8021 ISSN(Print)2394-1588 having an impact factor of 3.94.
- Prof. S. A. Giri published a paper titled "Computational Fluid Dynamics Analysis of Blood Flow in Human Aorta" in International Advanced Research Journal in Science, Engineering and Technology; Volume 3; Issue 6;Page no.175-182; June 2016, ISSN(online)2393-8021 ISSN(Print)2394-1588 having an impact factor of 3.94.
- Prof. S. A. Giri published a paper titled "Finite Element Analysis Heavy Vehicle Leaf Spring: A Review" in International Advanced Research Journal in Science, Engineering and Technology; Volume 3; Issue 6;Page no.81-83; June 2016, ISSN(online)2393-8021 ISSN(Print)2394-1588 having an impact factor of 3.94.

BEYOND ACADEMICS

- 55.45% of Final year IT students got placed through campus drive till 30th September 2016.
- Top IT companies like Infosys, Accenture, ITC infotech, Wipro and Softlink International Private Limited selected 41 students from the Department.

DEPARTMENT OF MECHANICAL ENGINEERING

- Prof. S. S. Deshmukh, published a paper titled "Emission Measurement of Various Blends of Oxy Hydrogen Gas and Gasoline in a four Stroke S.I. Engine" in International Advanced Research Journal in Science, Engineering and Technology; Volume 3; Issue 6;Page no.226-229; June 2016, ISSN(online)2393-8021 ISSN(Print)2394-1588 having an impact factor of 3.94.
- Dr. M. M. Gupta published a paper titled "Improvement of COP and Energy Efficiency Ratio of Domestic Refrigerator by using Additive in Refrigerant R134a" in International Advanced Research Journal in Science, Engineering and Technology; Volume 3; Issue 6;Page no.132-136; June 2016, ISSN(online)2393-8021 ISSN(Print)2394-1588 having an impact factor of 3.94.
- Prof. N. P. Gudadhe published a paper titled "Design and Analysis of an Automated ladle Transport Vehicle" in International Journal for Scientific Research & Development; Volume 4; Issue 4;Page no.1027-1029; June 2016, ISSN(2321-0613) having an impact factor of 2.39.
- Dr. V.V Shukla was invited as external examiner for final project defense seminar of M.Tech students by Gulabrao Devkar College of Engineering, Jalgaon on 26th and 27th September 2016.
- Prof. A. M. Andhare, along with 4 P.G students, from III Semester M.Tech. (HPE) attended one day workshop on "Fundamentals of Heat Pipe and its Applications" organized under TEQIP- II, by Department of

Mechanical Engineering, Government College of Engineering, Amravati on 20th July 2016. The resource person for the workshop was Prof. Sameer Khandekar from IIT Kanpur.

STUDENT'S ACCOMPLISHMENTS

- The final year students of mechanical engineering bagged 42 placement offers in the ongoing placement drive in which 32 students got placed. The students got placement offers from Accenture (20), Infosys (14), Shaporji Pallonji (3), ITCInfotech(05). The placement figures are expected to rise further as many companies are yet to visit the campus for conducting placement interviews.
- Ishaan Tiwari of VII semester scored 333 marks out of 340 in the G.R.E exam held recently. He would be applying for his M.S in the world's top ranked technical universities in US.
- Rajat Oksiya student of 2015-16 batch got admission in IIT Bombay for M.Tech in Thermal Engineering.
- Akshay Hedao student of 2015-16 batch got admission in IIT Kanpur for M.Tech in Solid Mechanics.
- Hrishikesh Sathe student of 2015-16 batch got admission for M.S Kanpur in University of Washington Graduate School, USA
- Shubham Baranwal student of 2015-16 batch got admission for M.S (Design and Manufacturing Engineering) in University of Cincinnati, Ohio, USA. He also got a scholarship of U.S.D 10,932.
- Sanket Gomekar student of 2015-16 batch got admission for M.S in University Florida USA
- Nikhil Chandani student of 2015-16 batch got admission in MBA at K.J. Somaiya Institute Of Management Studies and Research, Mumbai
- Om Bajaj student of 2015-16 batch got admission in MBA programme of Nirma Institute of Technology, Gujarat.
- Vedant Vyas student of V semester B.E and Apurva Raut III semester M.Tech H.P.E have won the Men's

Badminton tournament, under the branch sports cup organized by the sports department of RCOEM.

- Rishab Gupta of V semester B.E has been selected in the RTM Nagpur university Lawn Tennis squad, which will be representing the RTMNU at the various Inter-University, Zonal, State and National level Tournaments.
- Vedant Vyas student of V semester B.E and Apurva Raut III semester M.Tech H.P.E have been selected in the RTM Nagpur University men's Badminton Team, which will be representing the RTMNU at the various Inter-University, Zonal, State and National level Tournaments.

CAPACITY BUILDING ACTIVITIES

CREST 4.0

The department of mechanical engineering successfully organized the fourth edition of CREST to prepare students for the upcoming placement season. CREST (Campus Readiness and Employability Screening Test) in which mock interviews were conducted for the final year students of mechanical and Industrial Engineering Department, on Saturday 30th July 2016 in the Industrial engineering seminar hall. Experts from Industries conducted the Technical and HR interviews, along with the faculty members of Mechanical, Industrial and MBA department of our college. The students were given feedback about their performance and necessary suggestions were given for improvement.

The following experts conducted the interviews and assessed the students, Shri Anil Onkar (DGM, MAHAGENCO), Shri Rajendra Kadu (DGM, Mahindra and Mahindra Farm Equipment Division, MIDC Hingna Nagpur), Shri Vishwas Badkas (Manager Shreyas Quality Management Systems, Nagpur), Shri Sanjay Kulkarni (Ex GM and Engineering Management Consultant Tal Manufacturing Solution, Nagpur), Shri Anand Taol (Placement Consultant, Nagpur), Shri Shrikant Gade (HR Manager, Tal Manufacturing Solution, Nagpur), Shri S. D. Bhave (Director, MBA Department, CP and Berar College, Nagpur), Ms Shobha Bhagy (HR/Admin Manager, Ashok Leyland), Ms Sonali Pathak (Senior HR consultant,

Nagpur), Shri Sanjay Mehetkar (General Manager, ONGC), Prof Rutuja Joshi, Prof Kanchan Tolani, Prof. Bhagyashri Bhakare, Prof. Ruchi Sao (Department of Mechanical Technology RCOEM Nagpur).

The activity was well received and appreciated by the students. Total 110 students got benefited from CREST 4.0, including 49 from B.E Industrial, 55 from B.E Mechanical and 06 students from M.Tech H.P.E. The activity was well received and appreciated by the students. Faculty Coordinators: Prof S.R. Kulkarni and Prof N. A. Bhave, Students' Coordinators: Abhimanyu Gupta, Yash Agrawal (VII semester), Ayush Chourasia, Pooja Shende, Krishnakant Totla, Atharva Gade, Gagan Chordia (III semester) worked meticulously towards successful organization and conduction of the event.

RGSTC TIFAC Internship

Two students group of mechanical engineering department have successfully completed the two month internship project under the RGSTC-TIFAC scheme.

1. Rohitraj Nair and Abhishek Jha (VII semester B.E) worked at Navratan Industries, MIDC Hingna Nagpur for the project titled "Design and Development of Climb Assist System for Wind Mill" under the guidance of Dr. V.V. Shukla.

2. Prabhat Rajput and Rohan Dekate (VII semester B.E) worked at Rama Pins, MIDC Hingna Nagpur for the project titled "Design and Development of Hydraulic Machine for Restoring Bent Pin" under the guidance of Prof. P.B. Shiwalkar.

PRAJWALAN 2016

One Day Orientation Program "Prajwalan 2016" was organized for the III semester students on 27th August 2016. The program was planned keeping in mind the requirements of newly joined III semester students to the department.

The program inaugurated with the traditional way by lighting of lamp, followed by the session conducted by Dr. K.N. Agrawal, HOD Mechanical in which he

introduced the faculty members to the students. The program further addressed Scheme & Syllabus of Streams in Mechanical engineering viz; thermal & Fluid Science/Design/Manufacturing, Academics Performance Evaluation System in Autonomy, Higher Studies Opportunities, Student Activities in the Department, and Opportunities for Mechanical Engineers/Placement Scenario. Dr. Abhijeet Aghashe, Dean Academics conducted a session in which he briefed the students about the various aspects of autonomy.

The program was concluded by the Panel Discussion in which experts from the industry Mr. Sourabh Mohata, M.D Kapilansh Dhatu Udyog, Nagpur, Mr. Abhishek Jha, Entrepreneur and Alumni Industrial Engineering Department took part. The guests focused on the need of Entrepreneurship and how the students can become future job providers.

GUEST LECTURES

- A Guest Lecture on the topic "Vedic Mathematics", was organized for the students of III semester on 12th August 2016. Mr. Manmath Deshpande expert on Vedic Mathematics from Entrance Exam Centre delivered the expert talk. Total 60 students benefited from the lecture, Dr. V.V. Shukla was instrumental in organizing this guest lecture.
- A Guest Lecture on the topic "Non-Destructive Testing" was organized for the students of V and VII semester on 10th August 2016. Mr. Parag Pathak expert on NDT from NDT Solutions Pvt. Ltd. Nagpur delivered the expert talk. Total 94 students benefited from the lecture, Prof. N.P. Gudadhe and Prof. R.S. Dixit were instrumental in organizing this guest lecture.
- A Guest Lecture on the topic "Career Opportunities in Mechanical Engineering" was organized for the students of VII semester on 2nd August 2016, Mr. S.C. Chilbule delivered the expert talk. Total 65 students benefited from the lecture, Dr. M.M Gupta was instrumental in organizing the guest lecture.
- A Guest Lecture on the topic "Carrier Prospect in Energy Engineering" was organized for the students of VII semester on 19th July 2016. Mr. Saurabh Motiwala

alumni and P.G.E.T at Lahmeyre International India Ltd. delivered the expert talk. Total 65 students benefited from the lecture, Dr. M.M Gupta was instrumental in organizing the guest lecture.

- A Guest Lecture on the topic "Correct & Groom Yourself" was organized for the III semester students of Mechanical and Industrial department on 1st August 2016 by Mr. Vilas Bhojar Manager HR & IR, Star Circlips & Engg. Pvt. Ltd, MIDC Hingna, Nagpur. Total 65 students benefited from the lecture, Prof. P.B. Shiwalkar and Prof. M.G.Trivedi was instrumental in organizing the guest lecture.
- A Guest Lecture on the topic "Training & Placement" was organized for the students of VII semester on 27th July 2016 by Dr. Anupam Kher, Dean T&P RCOEM, Nagpur. Total 65 students benefited from the lecture, Prof. N.A.Bhave was instrumental in organizing the guest lecture.

TRAINING ON M.S OFFICE

One day training program on M.S office was organized for the supporting staff of the mechanical and industrial engineering department in the CAD lab of mechanical department on 7th September 2016. The participants were briefed about the various commands and tools in M.S Word, Excel and PowerPoint. Various queries and difficulty faced by the participants in day to day use of M.S office tools were answered. The training was conducted by Prof. B.C Bissa.

BEYOND ACADEMICS

MECHASSO, SAE Collegiate Club, EDC, ROBOTICS Club

Installation Ceremony of MECHASSO, (Mechanical Engineering Students Association), EDC (Entrepreneurship Development Cell), SAE (Society of Automobile Engineers) and Robotics Club for the year 2016-2017 were recently held in the Mechanical Engineering Department. Dr. Lalit Khullar, Director Tirpude College of Management, Nagpur was the chief guest, while Dr. V.S. Deshpande presided over the function.

Dr. Lalit Kullhar stressed on the participation of students in organizing various activities and events in student life, as they enrich their life skills and confidence.

Dr. V.S. Deshpande, in his presidential speech highlighted the importance of extra and co-curricular activities in student life also congratulated the mechanical engineering students for their tremendous performance in technical and co-curricular activities in the past few years. Prof. N.P.Gudadhe and Dr. G.R.Potey, Faculty In charge briefed about MECHASSO and outlined the plan of various activities to be undertaken, They also urged the students to actively participate in all activities that will be carried out by MECHASSO throughout the year.

Dr.K.N Agrawal, HOD. Mechanical Engg Department, RCOEM blessed the students with his motivational speech. He also congratulated all the elected members of all the societies that were installed.

Dr I.P. Keswani advised the students to focus on the basics of engineering. Prof M.R.Jain motivated the students to take entrepreneurship as one of the career options. Mr. Abhishek Jha, President MECHASSO administered the oath to all student members. The function was attended by a large number of students and faculty members.

- ISHRAE (Indian Society of Heating, Refrigeration and Air-Conditioning Engineers) Nagpur Chapter installed "RCOEM-ISHRAE Students Chapter 2016-17", at Shri Ramdeobaba College of Engineering and Management, Nagpur on 30th August 2016.

Dr.K.N. Agrawal, (Head, Department of Mechanical Engineering), Dr. I.P. Keswani (Head, Department of Industrial Engineering), Mr. Sunil Kolhe (President, ISHRAE Nagpur Chapter), Dr Shashank Dongarwar (President Elect, ISHRAE Nagpur Chapter), Mr. Sanjay Tatwawadi (Past President, ISHRAE Nagpur Chapter), Prof. A. M. Andhare (Student Activity Chair) and Prof. S.A. Patil (Faculty Coordinator) were present on this occasion. Prof. A. M. Andhare (Student Activity Chair) administered the oath to Mr. Shubham Agrawal (President), Mr.Nikhil Chandrawanshi (President Elect.), Mr.Mohit Chandak (Secretary), Mr.Raka Ojha (Treasurer), Mr.Omkar Katkar (Joint Secretary), Mr.Mayank Soni (Joint Treasurer), Mr Manish Aachliya, Ms.Khushboo Nagpure, Mr. Anuj Raool,

Mr. Rounak Kothari, Mr. Shubham Upadhaya, Mr. Shivam Agrawal (Core Working Committee Members).

On this occasion Prof. S.A. Patil briefed about the past events organized at RCOEM and discussed the future activities to be undertaken. Total 114 students (UG and PG) became the registered members of RCOEM - ISHRAE Students Chapter. Mr. Sunil Kolhe (President, ISHRAE Nagpur Chapter) in his address urged the students to participate in various activities and enhance employability skills. Dr. K. N. Agrawal, Head, Department of Mechanical Engineering congratulated the newly installed office bearers and urged to take maximum benefit out of the ISHRAE association.

Mr. Shubham Agrawal President, ISHRAE students chapter proposed the vote of thanks.

INDUSTRIAL VISITS

- Industrial visit for V semester students was organised to Jaiswal Neco Automative Casting, MIDC Butibori Nagpur on 13th August 2015, in which about 70 students visited the plant. The students were accompanied by Prof. S. S. Joshi and Prof. M. G. Trivedi Industrial visit co-ordinator for the department.
- Industrial visit for III Students was organised to Fabrimax Industries Ltd. and Agrofab Machinerics Pvt. Ltd. MIDC Nagpur on 26th August 2016. The Students were accompanied by Dr. G. R. Potey, Dr. V. V. Shukla, Prof. N. P. Gudadhe and Prof. M. G. Trivedi Industrial visit co-ordinator for the department.
- Industrial visit for V semester students was organised to Jaiswal Neco Automative Casting, MIDC Butibori, Nagpur on 13th August 2015, in which about 70 students visited the plant. The students were accompanied by Prof. S. S. Joshi and Prof. M. G. Trivedi Industrial visit co-ordinator for the department.

TEACHERS' DAY CELEBRATION

Students of Mechanical Engineering Department organized an event to celebrate Teachers Day in the department on 6th September 2016. The students organized various Games, Quiz and a cricket match, which the teachers enjoyed to the fullest. The games brought out the hidden talents of the faculty members in terms of singing, Poetry recitation, musical Knowledge, sports etc.

Earlier the function began with cutting of Cake by the faculty members of the department. This was followed by a mesmerizing singing performance by second and third year students and a spectacular dance performance by Ms. Sahiti Jonnalagadda. Games were organized for teachers by Mr. Gagan Chordiya and Ms. Neha Bansod. The mind-blowing guitar and singing performance by Prof. G.S.Shetiye was applauded by the audience, the singing performances by Prof. S.A.Giri, Dr. V.V. Shukla, Prof. M.G.Trivedi enthralled one and all present.

Dr. K.N. Agrawal in his Speech expressed his gratitude towards the students for organizing a memorable teachers' day program. Mr. Harjot Singh of V semester proposed the formal vote of thanks. The students organized High Tea for the faculty members, the faculty members were presented with greeting cards and memento.

Later on a cricket match between the faculty members of Mechanical and Industrial department was organized at the basketball court. In a very closely fought match the mechanical faculty emerged victorious. The cricket match saw some spectacular performance by Dr. A.M.Andhare, Dr. V.V.Shukla, Prof. Alok Jha and Prof. Sachin Pund.

IMPULSE'16

The Annual Cultural night of MECHASSO (Mechanical Engineering Students Association), IMPULSE' 16 was organized on 8th August 2016. The theme of the cultural night was "RETRO". The event saw various performances from the students of all three semesters began with Ganeshvandana.



BASIC SCIENCES DEPARTMENT OF HUMANITIES

FACULTY CORNER

- Dr V H Asudani was invited to deliver guest lectures on 'Issues and Challenges of Marginalized' in the Refresher Courses organized by UGC RTMNU Academic Staff College on 1st and 2nd July, 2016
- Dr V H Asudani was invited to participate in Multilingual Marathon poets' Meet lasting for 76 hours non-stop, organized by Goa Kala Academy, Govt. Of Goa, from 21st-24th July, 2016
- Dr V H Asudani was invited to deliver keynote address in the Annual Day Function in Dr Umathe College, Nagpur on 6th August, 2016
- Dr V H Asudani was invited to deliver Guest Lecture on 'Entrepreneurship Development' in One Day Workshop organized by M P Deo Dharampeth Science College, Nagpur in collaboration with Shiksha Sanskriti Uthanyas on 26th August, 2016
- Dr V H Asudani was invited to deliver Guest Lecture on 'Role of Communication in Professional Life' in 3-day workshop organized by MCVV Division of Dr Mokhare

College in collaboration with Shiksha Sanskriti Uthanyas on 19th September, 2016

- Dr V H Asudani's Sindhi book entitled, 'Maa Bhi Ute Hos (Mee Too Was There)' was published in July, 2016
- Dr Monika Seth and Dr V H Asudani presented a paper entitled 'Technology and Language Evolution' in 4th International Conference on Recent Trends in Engineering Science and Management (ICRTESM-2016) on 7th August, 2016. The same paper was published in International Journal of Science Technology and Management (IJSTM)
- Dr. Monika R. Seth, Assistant Professor in the Department of Humanities has brought laurels to the college. She has received an International Honour as her name has been enlisted in prestigious International Publication entitled, "ASIA/PACIFIC WHO'S WHO" volume XIV published in 2016 for her academic achievements.

ASIA/PACIFIC WHO'S WHO' volume recognises the outstanding achievements of people from Asia Pacific

region who have significantly contributed for the promotion and amelioration of society in different domains.

- Ms Jasleen Kaur Rihan, secured 10th position on the merit list on MA English examination conducted by RTM Nagpur University in Summer 2015
- Ms Akanksha Deshpande attended one week national level workshop on " Research Methodology & Quantitative Methods" organized by RTM Nagpur University at CP & Berar College, Nagpur

BEYOND ACADEMICS

Readers' Reverie Literary Club under the aegis of Department of Humanities, in association with Students' Representative Council organized the annual debate competition 'SPEAK OUT LOUD' on Friday, 23rd September 2016 in the Seminar Hall of Electronics Department of the college.

The dignitaries present on this occasion were Mr. Lalit Maheshwary as the Guest of Honor, Mr. Manmath Deshpande as the judge of the debate competition, Dr. V. H. Asudani Head, Dept. of Humanities and Professor In-charge Reader's Reverie Literary Club, and Club coordinators Prof. Akanksha Deshpande and Prof. Pratishruti Singh-Agrawal.

Dr. Satish Mohgaonkar, Dean 2nd shift, and the faculties of Department of Humanities also graced the occasion.

A total of 22 finalists were selected out of 100 for the final debate round. The preliminary round for the selection of finalists was an elocution competition. The topic of the debate was 'Riots and Rituals: are both similar?' Mr. Yash Khandelwal won speaking for the motion & Mr. Raghav Lohit emerged as winner, speaking against the motion. Aditya Tripathi and Chetan Pandey bagged the second positions respectively.

In the end Prof. Akanksha Deshpande proposed the vote thanks.



NAUTANKI:

DRAMA CLUB

Vidhesh Gharpure, a student of IT Department, 2nd year and an active member of the Drama Club was selected in the cultural team of Rashtrasant Tukdoji Maharaj Nagpur University which has been constituted to represent the University in various youth fests at the state, zonal and national levels. He has become the third student from the College to achieve this feat.

REEF HOW GREEN IS YOUR CAMPUS CHALLENGE



REEFian Harjot Singh Kahai interacting with students in bird race organised by REEF.



The Winning team, T.B.R.A.N.'s Mundle receiving the winners Trophy.

- Global Tigers' Day is celebrated on 29th July. REEF plays an active role in spreading awareness about the Tigers and their habitat. This year, REEF organised an Interschool competition "HOW GREEN IS YOUR CAMPUS CHALLENGE!"



Judging Panel and REEFians posing after the celebration of Global Tigers' Day.

- REEFians approached various schools in and around Nagpur. Amongst them, 10 schools participated in the competition. A team consisted of students of 7th, 8th, 9th and 10th standards (Minimum 7 to Maximum 10 members per team).
- This, month long competition comprised of six segments namely;
 1. VRUKSHAVALI (Mini Herbarium)
 2. KHAGAJIDNYASA (Bird Watching)
 3. PARYAVARNA MAPANAM (Campus Footprint)
 4. HARITAPRASAAR (Outreach through Facebook)
 5. GTD JOURNEY (Power point presentation)
 6. PRAADUSHYAM (Creative Event)
- On 29th July, the Final presentations and events took place in Electronics Auditorium (RCOEM). The final event was judged by Mr. Raveesh Jaiswal, Ms. Shukrita Puri, Mr. Pushkar Kulkarni and Dr. Deepshikha Mehra.

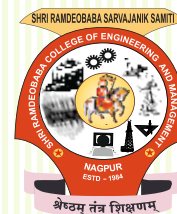
- The event started with traditional lighting of lamp and introduction of judging panel. It was then followed by the last two segments of the competition namely Swanubhuti and Praadushyam. Students displayed their talents through street plays, Dance Performances and Songs.
- The Mini Herbariums which were created by participating teams were exhibited. Also, Music Club of RCOEM presented a melodious song in front of the audience.
- T.B.R.A.N.'s Mundle English Medium School secured the first position whereas Mount Carmel Girls' High School was adjudged as the runner up of the event.
- Trophies and Cash Prizes were given to them. Mementos were presented to all participating teams. An interactive session with the judges was also organized for the students after which feedbacks of the event was taken from all the students and mentors of the schools.
- Along with the competition, REEFians carried out an online survey via Google Form and also Offline surveys at various hotspots in and around Nagpur. This survey gave an insight about the knowledge of people and their views on environmental issues and our national heritage-Tiger!
- REEFians Rohan Dekate, Himanshu Gunde and Shubhlaxmi Joshi were the main coordinators of the event. The event was a great success and it also fulfilled the main aim of spreading awareness about the environment among students.



SOCIAL OUTREACH



- Posts on Iconic Indian Tigers, India's Protected Areas, Project Tiger, Human-Tiger Conflict, Diseases and Unhealthy Environment for tigers and Major threats to Tigers and its population were shared on REEF's Facebook Community Page.
- Also, Posts on Janmashtami and Raksha Bandhan were made on 25th and 18th August respectively.
- Photos of GTD 2k16, Birding trip to Wena dam and Interaction of REEFians with students of various schools and segments of "How Green is Your Campus Challenge!" were shared.
- REEF Membership Application Form and three videos on recruitment drive were also shared.
- A template was shared on 12th and 15th August on account of World Elephant Day and Independence Day respectively.
- Posts on International Vulture Day (3rd Sept), World Environment Day (26th Sept), World River Day (25th Sept), World Rhino Day (22nd Sept), World Water Monitoring Day (18th Sept) and International Day for prevention of Ozone Layer (16th Sept) were shared on Facebook page.
- A post on #CleanUpTheWorld, an environmental campaign that works in cleaning the surrounding and spreading awareness through educational campaigns and exhibitions was also shared on 16th September.
- On account of Ganesh Chaturthi, templates on Green Ganesha were shared on 4th, 5th and 7th September. A video on the "God of Wisdom" and a poem written by REEFian Aaditya Khedkar was also published. Also, Ganesha Tales inspired from TTTs (Terribly Tiny Tales) were posted on 13th and 15th September.
- Story-thon was also linked with REEF's Facebook page.
- Also, an initiative was taken by REEFian Himanshu Gunde on 15th September 2016, against the immersion of Ganesha idols in natural water bodies. Artificial tanks were arranged for eco-friendly Ganesha Visarjan at the Gittikhidan Police Line Takli Lake where REEFians and REEFlings volunteered the whole day. They insisted the public to immerse the idols in them and dump the nirmalya in the kalash and bins kept there. About 785 idols were immersed in the tanks out of which 245 idols were made of PoP (Plaster of Paris). The main aim behind it was to preserve the aquatic life and take a step forward to conserve the bird life dependent on that lake. Photos on the Ganapati Visarjan were also shared on the Facebook page.



Photos of Recruitment Drive and Orientation and Recruitment Session were also shared.

BALGRAM:

- Classes are going on as per the time table. Emphasis on teaching English is given rather than moving with the school curriculum.
- Notebooks have been distributed to each students of Balsadan. REEFians maintain these notebooks to teach and conduct tests.
- A video session was held in which pollution and harm caused to the environment was shown during Ganesh Chaturthi festival due to PoP models. Also, a video on how to make eco-friendly Ganesha was shown to the students.
- A drawing competition was also conducted on 11th September, in which the students had to depict whatever they learnt after watching the videos. REEFlings helped the students with their ideas to make drawings.
- In the final activity of this month, the REEFlings were divided in group of two along with a REEFian. Each group was given a topic which they had to explain to the kids at the respective day allotted to them. The topics were taken from the syllabus books of the students. REEFlings explained the topics through various activities and in creative ways like charts, pictures and videos.
- Google forms have been introduced in the domain. The teachers have to fill these forms after each visit at balsadan explaining the progress of their students.



REEFlings helping the kids in the Drawing Competition organised by REEF at Balsadan

**AS SOON AS HE HEARD THE BELLS
CLAMOURING AND PEOPLE CHANTING,
"GANPATI BAPPA MORYA..."
HE KNEW HE WOULD NOT SLEEP HUNGRY
TONIGHT.**

ARTICLES

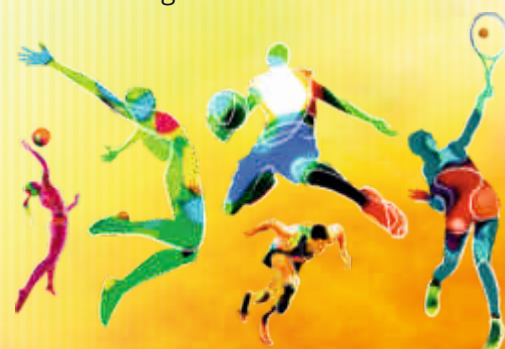
- A Press Note on GTD'16 was drafted.
- Online discussions were taken to create impressive taglines related to each domain, for the recruitment drive. Also, REEFians discussed about Ganesh Chaturthi related articles and TTTs (Terrible Tiny Tales). Other than WhatsApp, Slack is a new application which REEF has adopted to discuss about articles.
- A meeting took place on 22nd, August @ 4 p.m. to plan and discuss about Ganesh Chaturthi and related articles.
- On account of Ganesh Chaturthi, three types of articles are being written by the REEFians namely;
 1. Remedial Writing : (written by Aaditya Khedkar and Nidhi Khadka)
 2. Informal Writing : (written by Daniyah Ammarah and Udayann Dayanand)
- Another activity carried out by this domain was Storython on account of Ganesh Chaturthi. REEFians had been given an element related to Ganesh Chaturthi and its ten day celebration. The activity started from 5th September. The elements REEFians wrote as were mouse, clay, PoP, Garland, Durva, Modak, Dhol,

**"BACK THEN, THE COLORS OF GANESHA WERE NOT SO VIVID. HE SEEMED MUCH MORE DELIGHTED WITHOUT THE CHEMICAL MASKS."
EXCLAIMED THE OLD LADY IRONICALLY.
THE WORDS DEPICTED THE CHANGE.**

Water bodies and Unity. All the write-ups were linked in a proper way and posted on the facebook timeline.

- Online discussion on population explosion and its effect was conducted where REEFlings also participated.
- One more activity is being carried on by the domain. Each REEFian and REEFling is allotted with days. They have to collect daily news on following sections:

1. Environment
2. Sports
3. Politics
4. Social
5. International
6. Miscellaneous



The daily news is being posted on the main group of REEF so that everyone is well updated about the recent issues.

- TTT's (Terribly Tiny Tales) created by REEFians which showcased excitement and curiosity among people during the Ganesha stay in conversation form with humans were shared on Facebook Page on 7th and 9th September.



Baya Weaver with its nest at Wena Dam.



REEFian Ojaswara Pathak observing a distant bird at Wena Dam.

Birding

- A trip was organised to Wena Dam on 14th August in which 41 species were spotted. Dusky Crag-Martin, Indian Bushlark and white browed Wagtail were the highlights of the trip. Also, trip to Gorewada Biodiversity Park was organised on 28th August. REEFians spotted 40 species in 2 hours of birding.
- Birding domain in collaboration with Social Outreach domain is making templates on the different body parts of birds to make people aware about bird and its features. For this, REEFians were divided in teams and each team was allotted with a body part. Team members had to study the body part and prepare content for the template.
- Bird race for the 10 schools participating in HGIYCC was organized on 16th and 17th July at Gorewada Biodiversity Park. There were five teams consisting of 3 students accompanied by their mentor teachers from different schools on each day. The Bird race commenced at 7:40 AM and ended at 8:40 AM. The Highlight of the Bird race was IPFC (Indian Paradise Fly-catcher).
- T.B.R.A.N.'s Mundle English Medium School was the overall birding champion of the bird race. The team spotted 27 birds in one hour of birding.

- Checklists of the birding sessions are being uploaded on e-birds regularly.
- On 11th and 18th September, birding sessions were organised at Gorewada Biodiversity Park. REEFians spotted and identified 35 and 55 species respectively in these trips. Red Avadavat and Chestnut tailed Starling were the highlights of the trip.
- A trip to MIHAN was conducted on September 9. In 180 minutes of bird watching, REEFians spotted 51 species of birds. Amongst them Indian Eagle Owl was the main attraction of the trip.
- Templates were created on various parts of bird body like throat, lores, belly, wattle, nape and vent. They are posted on the facebook group of Birds of Vidarbha (BOV) on each Saturday of month.
- Birding sessions were conducted with REEFlings on 18th and 24th September at Gorewada Biodiversity Park and Ambazari Backwaters respectively. The highlights of the trips were Lesser Goldenback Woodpecker, Tickell's Blue Flycatcher, Black Red Start and Rain Quail.
- A bird Quiz was taken on 21st September in which the images of 10 birds were put on whatsapp group and REEFlings had to identify them in given time slot. REEFlings Rishabh Meher, Sarthak Pande and Smriti Banode were the winners of the quiz.

HERBARIUM :

- REEFians are doing the campus monitoring once a week to ensure the proper maintenance of the green cover of college campus.
- Google Forms are also being filled by the REEFians to

keep a record of field trips carried on in the campus.

- REEFlings have been included in the WhatsApp group and they have been introduced to the domain activities.

ALL GENERAL MEET (AGM) :

- AGM was conducted on 7th August, 2016 at Balsadan, Katol Road, Nagpur.
- It was attended by all the REEFians, under the guidance of Dr. Deepshikha Mehra, Mentor Faculty REEF. All the REEFians were addressed by chief co-ordinator Mr. Rohan Dekate and Co- coordinator Ms. Shubhlaxmi Joshi.
- The aim of AGM was to explain the activities of the upcoming semester and to discuss them with the other REEFians.
- The action plan of each domain for the upcoming semester was discussed and also the activities to be carried out were explained by respective domain coordinators to the other REEFians.

Plan for recruitment drive 2016-17 was also discussed in the AGM.

**RECRUITMENT AND ORIENTATION SESSION :**

- This month started with the recruitment session of REEF. REEFians publicized the recruitment both by offline and online ways. They went to classes and gave a general introduction of REEF. Videos, teasers and templates on REEF recruitments were shared on social platforms like WhatsApp and Facebook. Also, link of online registration form was provided through Facebook.
- The dates of interviews were 1st, 2nd and 3rd September. On 1st and 2nd September, half-day interviews were conducted and on 3rd September, the interviews were carried out for whole day i.e. from 10:30 am to 5:30 pm. Out of 182 registrations and 37 walk-ins, only 39 were selected. The selected candidates received a confirmation SMS which had the details of the orientation session.



Orientation session with newly recruited REEFlings at Seminary Hills.

- On 4th September, REEF conducted its orientation session at Seminary Hills under the guidance of Dr. Deepshikha Mehra Ma'am. Various activities were carried out so that REEFlings interact among themselves then after a remedial birding trip, the orientation session started. A general introduction to REEF, its domains, history and the objectives were discussed with the REEFlings.
- The session ended with fun and enthusiasm. All the REEFlings were added to the WhatsApp groups of REEF and its domains.

DEPARTMENT OF MATHEMATICS

- Dr. B. R. Chide was awarded Ph.D. from R.T.M. Nagpur University, Nagpur in August 2016. His topic of research was "Semirings, its generalization, their structural properties and its applications". He worked under the guidance of Dr. R. D. Giri.
- R.G. Ghumde and Dr. S.H. Ghate, "Group of Automorphisms preserving cosets of central characteristic subgroup and related results", published in Acta. Math. Univ. Comenianae, Vol. LXXXV, 2 (2016), page no. 181-189.

- Prof. P. Bagde presented research paper entitled "The Analytic Invariants of Quadruples of Orthogonal Unit Vectors in Spherically Symmetric Space-time V4" in International Conference "Innovations in Science & Technology: Opportunities and Challenges" at College of Engineering and Technology, Akola, during September 23-24, 2016.



DEPARTMENT OF PHYSICAL EDUCATION

FACULTY CORNER

- Dr. Sharmila Dogra published the paper with title "Comparison of Academic Scores of Sportsmen and Non Sportsmen Students of Engineering Colleges" in International Journal of Engineering Sciences and Research Technology. ISSN: 2277-9655, Impact Factor 4.116 on 15th Sept 2016

STUDENTS ACCOMPLISHMENTS

- College Swimming team (Women) secured 1st position in R.T.M Nagpur University tournament from 17th to 18th Sept 2016 at Kamgar Kalyan Bhavan.
- College Swimming team (Men) secured 2nd position in R.T.M Nagpur University tournament from 17th to 18th Sept 2016 at Kamgar Kalyan Bhavan
- Basketball Women team were Runner-up in R.T.M Nagpur University Basketball tournament from 15th to 17th Sept 2016 at University court. Two of the girls named Antra Mehta & Nidhi Agrawal selected for West zone Interuniversity.
- College Table-Tennis Team (Women) were 2nd

Runner-up in R.T.M Nagpur University Table -Tennis tournament from 16th to 18th Sept 2016 at Anjumam College, Nagpur.

- Basketball Boys team were champion in the krida Mohotsava's Inter- collegiate Basketball Tournament organized by D.N.C.
- Chess women team were Champions in VNIT invitational Intercollegiate tournament from 25th to 29th Aug & 2nd Runner up in R.T.M Nagpur University tournament from 28th to 30th Sept 2016 at Anjuman Collge, Sadar.
- Lawn Tennis Girls team scored Championship Trophy in R.T.M Nagpur University tournament from 23rd to 25th Sept 2016 at Officers club, Civil lines, Nagpur.

BEYOND ACADEMICS

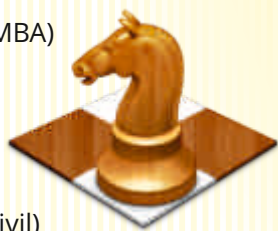
Intra-Mural activities the Physical Education department organized inter-branch tournaments known as Sports Cup. The final positions of Inter- Branch Tournaments Conducted during Aug & Sept to commemorate National Sports Day Celebration :

		Place					
		MEN			WOMEN		
Sr.N	Games	Winner	Runner- Up	III Place	Winner	Runner- up	III Place
1.	Chess	IND	IT	EC	EN	EP	EC
2.	TT	IND	CS	CIV	EC	EN	MBA
3.	Badminton	MEC	EN	CIV	MCA	EC	EN

On the occasion of National Sports day, Remembering Dhayanchand ji and his contributions, Physical Education Department of RCOEM Conducted a Table Tennis and Chess Tournament for Faculties of the college. A great number of teachers participated in the tournament. FINAL STANDING:

CHESS WOMEN

1. Prof. Kimsey Gulhane(MBA)
2. Prof. Kanchan Tolani(MBA)
3. Prof. Bhagyashree Bhakane(MBA)
4. Prof. Vandana Gandhi(MBA)



CHESS MEN

1. Prof. Tanmay Gupta(MBA)
2. Prof. Sameer Annipindiwar(Civil)
3. Prof. Manoj Sarve(EC)

RCOEM has teachers who are national players in table-tennis. It was a great pleasure for the students to watch them play with such an amazing spirit. Final standing of

TABLE-TENNIS MEN

1. Prof. Deepak Khuslani(EC)
2. Prof. Bhushan Bissa (Mech)
3. Prof. Manoj (EC)



The tournament was a great success. Teachers participated with good sportsman spirit and great enthusiasm.

NSS

Blood Donation : A Step Towards Serving Mankind.... "1 pint of blood can save 3 lives." With this motto, a Blood Donation Camp was organised by NSS unit of RCOEM, in association with Dr. Hedgewar Blood Bank on 27th of August 2016. Around 175 donors donated blood and gave their precious contribution in this noble cause. A team of specialized doctors were present in the camp for blood donation. Complete medical examination of the donors was done by the doctors before they were allowed to donate blood. One of the senior doctors of the blood bank gave a short briefing about the importance and objective behind organising this blood donation camp.

Organ Donation : An act of saving lives.... With the process of organ donation, life can still go on for the unfortunate people with malfunctioning organs. Keeping this in thought, Organ Donation Rally was organised by NSS unit of Rashtrasant Tukdoji Maharaj Nagpur University, which was held on 13th of August 2016 from Bajaj Nagar square to LAD college, Nagpur. Volunteers of Shri Ramdeobaba College of Engineering and Management, Nagpur also participated actively in this rally.

Swachhata Abhiyan Pakhwara : A mission for a clean India..... "I will not let anyone walk through my mind with their dirty feet." These famous lines depict the importance and necessity of cleanliness in our surrounding for our survival and a better future. With this motto, NSS unit of RCOEM observed Swachhata Pakhwara from 23rd of August 2016 to 31st of August 2016 under Swachha Bharat Abhiyan at Shri Ramdeobaba College of Engineering and Management, Nagpur. This cleanliness drive was initiated by Government of India. During this Swachhata Pakhwara, our NSS volunteers conducted cleanliness drives at various places such as college campus, classrooms, orphanage etc. Cleanliness oath was also taken by the volunteers. NSS volunteers also did cleanliness drive at Yuva Jyoti Orphanage, Nagpur where they told the children about the importance of cleanliness and measures to keep their surrounding clean. They also donated dustbins and brooms to the orphanage. NSS volunteers gave their immense contribution towards this noble cause and was really a great success.

Yaad Karo Kurbani : A Tribute to Martyrs.....

"They may torture my body, break my bones, even kill me. Then they will have my dead body, but not my obedience." Inspired from these famous lines, NSS unit of RCOEM organised an event "Yaad Karo Kurbani" on 15th of August 2016 at Shri Ramdeobaba College of Engineering and Management, Nagpur. On this occasion, Martyrs were remembered for their efforts and sacrifices to gain independence. The programme further proceeded with the cultural performances by music club and dance club which mesmerized the audience. A mime act was also performed by drama club depicting the sacrifices of a soldier for his country which left the audience emotional and filled them with patriotism.





DEPARTMENT OF MANAGEMENT TECHNOLOGY

FACULTY CORNER

- Dr. Rupesh Pais, Head, Department of Management Technology, has been elected as Joint Secretary, National Council of Indian Institution of Industrial Engineering. Founded in 1957, the Indian Institution of Industrial Engineering is a non-profit organization for the profession of Industrial Engineering in India. During the last five decades and more, the Institution has been consistently doing extensive and pioneering work in disseminating, fostering, developing and advancing the discipline and profession of Industrial Engineering in our country.
- Dr. Gayathri Band and Dr. Neeta V Shah attended an International Conference on Management and Information Systems (ICMIS 2016) which was held in Bangkok on 23rd and 24th September, 2016 organized by International Forum of Management Scholars (INFOMS) and Chitkara University. The

paper titled "The factors of organizational role stress affecting the stress level of IT employees in Nagpur city" won the Outstanding Best paper Award at ICMIS 2016. The paper also received appreciation on the research carried out in the paper. Dr Neeta Shah also chaired a technical management session in the International Conference.

- Dr. Rajesh Vaidya's paper entitled "A Comparative Analysis on the Causes of Occupational Stress among Men and Women Employees and its Effect on Performance at the workplace of Information Technology Sector, Hyderabad" was published in International Journal of Management Excellence. ISSN PRINT 2292-1648, August, 2016 (Impact Factor-1.023)
- Dr. Rajesh Vaidya's paper entitled "Impact of Training on Learners' Development and Performance: A Case Study with An Empirical Analysis of the Training Program Characteristics on Training Program Effectiveness" was published in IOSR Journal of Business and Management (IOSR-JBM) e-ISSN: 2278-487X, p-ISSN: 2319-7668. Volume 18, Issue 8 .Ver. III (Aug. 2016), PP 49-56 (Impact Factor-1.458)
- Dr. Rajesh Vaidya's paper entitled "An Empirical Analysis of the Training Program Characteristics on Training Program Effectiveness: A Case Study with Reference to International Agricultural Research Institute, Hyderabad" was published in Journal of Human Resource and Sustainability Studies (DOI:



<http://dx.doi.org/10.4236/jhrss.2016.43016>) published Online September 2016 SciRes.

<http://www.scirp.org/journal/jhrss>. (Impact Factor-0.79)

- Dr. Rajesh Vaidya's paper entitled "Factors Influencing The Scope, Significance and Objectives Of Performance Management Systems: A Study With Reference To E-Commerce And M-Commerce Companies In Hyderabad" published in International Journal of Current Research Vol. 8, Issue, 09, pp.38301-38307, September, 2016, ISSN: 0975-833X (Impact Factor 6.226 SJIF)

STUDENTS ACCOMPLISHMENTS

PLACEMENTS AT DMT RCOEM

Placements at DMT RCOEM has started this year with flying colors. 16 leading companies have already shown their willingness to conduct Campus drive at DMT

RCOEM. 10 Companies have already conducted their selection process and 17 offers have been received by the students till date. The highest package being offered until now has been 6.15 lakhs Per Annum by HFFC Ltd. Companies like ITC, Capital Via Global Research Ltd., OPPO MOBILES, Aditya Anagha Multistate co-op Bank, Talent, JCPL (JAG Bros Consultants Pvt. Ltd, InfoCepts, and various leading banks are keen to select the students from the department.



Following is the list of students who have been placed till September, 2016 along with the names of the companies

Students Placed at Various Companies Batch 2015-17(Till Sept.2016)

Sr.No.	Name	Organisation	Designation	Specialization	Salary in Lac (Per Annum)
1	Girish Joshi	OPPO Mobiles MU Pvt. Ltd	Sales Executive	Marketing	2.16
2	Jai Kriplani				
3	Nayan Patel				
4	Piyush Dongare				
5	Abhieet Chauhan				
6	Akash Mishra	Capital Via Global Research Limited	Business Analyst	Marketing	4.02
7	Shriya Hasani				
8	Vinit Kadao				
9	Saloni Agarwal				
10	Payal Vyas	iApps Infotech	Business Development Executive	Marketing	2.4
11	Aparna Halder				
12	Naveet Kaur Khaira	Indian Agro & Food Industries Ltd.	HR - Executive	Human Resource Management	1.80
13	Nikita Agarwal				

CAPACITY BUILDING ACTIVITIES**INDUSTRIAL VISIT OF STUDENTS OF MASTER OF BUSINESS MANAGEMENT (INTEGRATED)****INDUSTRIAL VISIT TO PERSISTENT SYSTEMS, NAGPUR**

Nearly 25 students went for an Industrial Visit to Persistent Systems, Nagpur on 22nd September 2016. Persistent Systems is presently the largest Software Development Company located in Nagpur.

The students could see from a very close quarter, the minute details of mode of operation of the Information Technology company and their management Mr.Rahul Kahate, Head (Talent Branding & Acquisition), guided the students through the whole process and also answered to their numerous queries. He also explained the HR policies being employed in the company.

Dr.Rajiv B. Khaire and Dr. Archana Shrivastava accompanied the students for the day long company visit.

INDUSTRIAL VISIT TO LEMKEN, AT BUTIBORI, NAGPUR

The students of MBA (Integrated) Second Year visited Lemken India Agro Equipments Pvt. Ltd., an agricultural equipments manufacturing company in Butibori on 4th October 2016. Lemken is a German Group having its



operations throughout the world. In India, Nagpur is the only city having a manufacturing unit of Lemken. The students got to see the state of the art technology and world class working standards being adopted by Lemken in its manufacturing unit. The students were shown the whole process of manufacturing right from moulding of raw steel bars, to completely polished, painted and finished final output of high quality agricultural machinery and equipments. At the end of the visit, students also got to interact with senior managers and officials of Lemken.

The students were accompanied by Dr.Bhagyashree Bhakane and Dr.Anup Ranade. Mr.Shripad Takalkar, Sr.Manager, HR, Lemken coordinated the visit.

All these external interactions were carried out under the mentoring and guidance of Dr.Rajiv Khaire, Coordinator, MBA (Integrated), and Dr.Rupesh Pais, Head - DMT, RCOEM.





Management Technology

BEYOND ACADEMICS

INSTALLATION OF IMBARC:

Shri Ramdeobaba College of Engineering and Management (RCOEM), DMT - MBA Integrated Program organized the installation ceremony of its Students' Body - IMBARC (Integrated MBA Representative Committee) on 2nd September 2016. The ceremony commenced, seeking the blessings of the Almighty by lighting the traditional lamp. The Head of Department, Dr. Abhijeet Agashe addressed the audience, greeting everyone with warm regards. Post the welcome address, the council of MBA Integrated was formally installed. IMBARC is an independent council of MBA Integrated that marks the establishment of a new era. The President is Ms. Shirin M.A. Chimthanawala, Vice President - Ms. Deepika Chhajer, General Secretary - Mr. Sanjit Mulay, Sports Head - Mr. Chaitanya Rajan, Cultural Head - Ms. Mehak

Khurana, and Executive Members - Mr. Pratyush Agrawal, Ms. Bhumika Joshi, Ms. Simran Sharma and Mr. Adarsh Singh. The installation concluded with the cultural program in the evening. The theme of the Cultural program was Indian Television and its various aspects. There were various dance performances, re-enactments of daily soaps and advertisements done by the students of MBA Integrated. All the presentations were exemplary and very authentic.



DEPARTMENT OF COMPUTER APPLICATIONS

FACULTY CORNER

- Prof. Satyajit S. Uparkar attended FDP on "Basic Data Mining Algorithms and their Scalability for Big Data" conducted by Electronics and ICT Academy, PDPM Indian Institute of Information Technology, Design and Manufacturing , Jabalpur during August 16-21, 2016.
- Prof. Satyajit S. Uparkar conducted a session on the topic "Introduction to Statistics using R" on 30th August, 2016, in one week ISTE approved FDP on " Statistics for Data Analysis and its Industrial Approach-2016", organized by YCCE, Nagpur.
- Prof. Pravin Y. Karmore, conducted Training program on 'C Programming' in Electronics Department for the students of Seventh Semester on 1st September 2016, 11:00 to 2:00pm, at RCOEM, Nagpur
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- Prof. M Ukey, Prof. A Buche, Prof K Peshwani, Prof. G. Keswani, Prof. D Pande, Prof. S. Apte, Prof. P Saktel, Prof. K. Kalambe, Prof. R Sahu, Prof. R Deshmukh, the faculties of Department of Computer Application attended the Faculty Development Programme under Internal Quality Assurance Cell for the Session 2016-17 held between 11th July to 16th July 2016 at RCOEM, Nagpur.



CAPACITY BUILDING ACTIVITY

- A Guest lecture on "Digital Marketing and its future scope" was organized for the students of Third Year Shift I and II. It was delivered by Mr. Aditya Gadhawe, Business Operation Associate, Accenture Hyderabad, on 13th August 2016. It was coordinated by Prof. K. Roy, Prof. M. Vairalkar and Prof. K. Peshwani.
- A Guest lecture on "Career opportunities in IT Industries" was organized for the students of Third Year Shift I and II. It was delivered by Mr. Umesh Chikate, Project Manager , John Deere India Pvt. Ltd. , Pune on 12th September 2016. It was coordinated by Prof. K. Roy, Prof. M. Vairalkar and Prof. K. Peshwani.

Date	Name of the Company	No.of Offers
15-Sept-2016	Reliance Jio	7
18-Sept-2016	Neo Soft	Nil
27-Sept-2016	Crystal Furniture	1

TRAINING & DEVELOPMENT

Campus Interviews Highlights:
Placement Details of 2016 Batch

PLACEMENT DETAILS OF 2017 BATCH

DATE	NAME OF THE COMPANY	NO. OF OFFERS
24-Aug-2016	Misys	5
16-Aug-2016	Simens Project Selection	3
19-Aug-2016	Indian Nevy	Result awaited
25-Aug-2016	ITC Infotech	15
02-Sept-2016	Softlink	5
03-Sept-2016	Wipro	93
09-Sept-2016	Infosys	218
17-Sept-2016	Soctrionics	11
18-Sept-2016	Accenture	312
23-Sept-2016	Cybage	3
27-Sept-2016	Causecode	Nil
28-Sept-2016	Shapoorji Palonji	11
28-Sept-2016	INautix	Result awaited

PLACEMENT STATISTICS OF 2017 BATCH (TILL 5TH OCT. 2016)

BRANCH	STUDENTS PLACED	NO. OF OFFERS
Civil	29	40
CSE	99	160
Electrical	33	54
ECE	85	134
EDT	8	14
Electronics	106	156
Industrial	30	37
IT	41	71
Mechanical	27	38
MCA	2	2
M.Tech	1	1
Total	461	707

BARCLAYS TRAINING

A training programme for the final year students from all branches was conducted by Global Talent Track, Pune on behalf of Barclays before the start of the campus interviews. The duration was from 13th August to 13th September 2016. The training was aimed at preparing the students for the campus interviews by giving them additional inputs on soft skills and technical skills. Around 200 students attended the same.

VISIT TO INDUSTRIES

TCS Nagpur - A team of faculty members Dr. Anupam Kher, Prof. S. R. Kulkarni, Dr. D.S. Adane and Prof. A.V. Chandak visited TCS campus on 19th August 2016 at Mihan Nagpur to further strengthen the interaction between two organisations. Various possibilities for students internship in TCS has been discussed with Mr. Arvind Kunmar, Deputy DCH, Mr. Yogesh Yawalkar (1993 batch RCOEM Alumni) and Mr. Mridul Chakravarti, HR.

BEYOND ACADEMICS IEEE



• **Guest lecture** : A Guest lecture on "Technical Paper and Patent Writing" by Dr. P. R. Gandhi was organized on 29th July 2016 in main auditorium of Shri Ramdeobaba College of Engineering and Management, Nagpur by IEEE-RCOEM student branch. Around 126 UG and PG Students along with faculty members of various branches like Electronics, Electronics and Communication, EDT, Electrical and Civil Engineering attended the program.

DISTINGUISHED LECTURE PROGRAMME :

IEEE-RCOEM student Branch in association with IEEE Bombay Section organised a guest lecture of internationally renowned Dr. Monai Krairiksh from King Mongkut's Institute of Technology Ladkrabang Bangkok, Thailand on 24th August 2016 on "Remote Sensing of the Physical Qualities of Fruits."

In his lecture he said that non-destructive determination of dielectric properties of materials is essential in various applications to monitor the nature of an object. Apart from many techniques like near infrared (NIR), X-ray, ultrasonic, and so on, a microwave based technique is of interest due to its low cost, high accuracy, and small size. In his talk he further explained the various ways and modern techniques of ripening of fruits and their application in real time.

While felicitating the guest speaker on this occasion, Dr.

R.S.Pande, the Principal of the college reiterated that college leaves no stone unturned to provide the latest and contemporary technical knowledge to the students developed in any corner of the world.

Dr.(Mrs.) R. R. Khandelwal introduced the speaker. Dr. Bawane from S.B. Jain Institute of Technology, Management & Research, Nagpur and Shri Anand Khobragade from Maharashtra State Remote Sensing Centre, Nagpur were present during the program.

The program concluded with the distribution of badges to the office bearers of IEEE student branch of RCOEM. The faculty members and students of RCOEM attended the program in large numbers. Faculty members and students from S.B. Jain Institute of Technology, Management & Research, Nagpur also attended the program. Mr. Pratik Baheti, of IEEE RCOEM students' branch proposed the vote of thanks.



Dr. Monai Krairiksh interacting with faculty & during lecture



Dr. Monai Krairiksh with IEEE volunteers

IEEE BOMBAY SECTION SPONSORED BHAVESH CHORDIA (IEEE STUDENT CHAIR OF IEEE-RCOEM STUDENT BRANCH-2015) TO ATTEND R 10 CONGRESS AT BANGALORE ON 25-27 AUGUST 2016

The IEEE Region 10 Student/YP/WIE Congress is a biennial event, which provides an opportunity for young IEEE student members & professionals from all around Asia-Pacific (IEEE, Region-10) to build a strong bonding and network amongst the dedicated volunteers, learn and implement new initiatives from IEEE experienced volunteers and enhance their technical knowledge. The 2016 congress focuses on empowering Student, YP (Young Professionals), and the WIE (Women in Engineering) entities of IEEE. The Congress was based upon the theme of "Today's youth for a better tomorrow" and catered to several other needs of the congress audience including Emerging Technologies, deep dive about IEEE, its structure and operations, and an amazing networking opportunity with peer volunteers from a delegation that will consist of people representing over 30 distinct nationalities and the principal entities of IEEE including WIE, Student and YP. The R10 congress was

held on Aug 25th to Aug 27th, 2016 in Hotel Lalit Ashok, Bagalore, India. The 3 day event was packed with inauguration ceremony, seminars, activities, competitions, gala night, award giving ceremony, multi-cultural night, meetings & dedicated events individually for each track like Student, YP, and WIE. IEEE Bombay Section Section Chair, Anthony Lobo, IEEE Bombay Section Student Activity Chair, Prof. Kiran Talele and WIE Affinity Group, IEEE Bombay Section Chairperson Prof. Ashwini Kotrashetti and Bhavesh Chordia (Chair of IEEE-RCOEM student branch 2015) as an Bombay Section Student Representative (SSR) were there at Bangalore to nurture the Bombay Section Team. The Poster competition was a two round type where in the first round 47 Sections and 100 Student branches from 25 different countries took part & only 20 of them got selected for the 2nd round where they got a chance to present their Section activity poster in front of the judges at the congress. There was also an contest named "Innovative Challenge" which held during the congress with the participation of all the delegates of the congress and Bhavesh Chordia secured 3rd position on that contest.



COUNSELING SESSION REGARDING ADMISSION PROCEDURE

The Alumni Association of Shri Ramdeobaba College of Engineering and Management organized a counseling session on 4th June 2016 for admission of First Year B.E., Second Year B.E., M.B.A. & M.C.A. in RCOEM Auditorium.

Dr. P.B.Kulkarni, Dean (Admissions), and Dr.P.U Tiwari explained the complete process of Engineering admission. Prof.Shantanu Kulkarni from T & P Department enlightened about placements in RCOEM. Dr. (Mrs.) Mridula Korde, Alumni In charge gave opening remarks.Prof.Rakshal Agrawal compared the event. An interactive session was held detailing admission procedure, documents required, fee structure and other related information. Mr.Tushar Marghade, President, Alumni Association, Dr.K.N.Agrawal were prominently present. The event witnessed huge response from the parents and candidates.

NEW DELHI CHAPTER ALUMNI MEET

RCOEM Alumni Association, North India Chapter organized Delhi Alumni Meet on 21st May 2015 at Hotel Ardor, New Delhi. The Alumni Meet was hosted for the eighth 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, Alumni Association, was prominently present for the meet. New Delhi Meet

ALUMNI MEET IN DUBAI

RCOEM Alumni Association, Middle East Chapter organized Alumni Meet on Friday - 22nd January, 2016 at Mahec restaurant in le Meridien Hotel, Dubai. The agenda of the meet was to strengthen the network to reach all the alumni and to have a very memorable association with them.Dr.P.B.Kulkarni, Dean Admissions along with Dr. R.U.Tiwari. All alumni with family had memorable evening with the Professors.



Dubai Alumni Meet

ALUMNI VISITS IN CAMPUS

Following Alumni visited college campus to get



Felicitatation of Mr. Maneesh Godre (Industrial 1991),
National Sales-Key Accounts Manager at
TATA MANAHIL, M.Y.NAGHI Group, Saudi Arabia



Felicitatation of Mr. Tushar Kothalkar (EDT 1993),
Director (Customer Advocacy / Enterprise Sales)
at FixStream, Inc, San Francisco



Mr.Yogesh Gathoo interacting with the students



Felicitatation of Mr.Yogesh Gathoo,
(Electronics 1998), Microsoft, Hyderabad

IGNITE ORIENTATION PROGRAMME

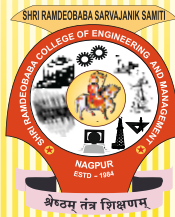
IGNITE is a mentorship activity wherein Alumni & Industry Experts would mentor second year meritorious and interested students of all Engineering UG branches from the academic year 2016-17. The goal of this entire scheme is to facilitate the students in maximum way to get their career dreams fulfilled at the end of final year. The orientation programme of this scheme was conducted on 7 September 2016 under the presence of Principal, Dr.R.S.Pande. The coordinator of this programme Dr. Mridula Korde, Professor In charge Alumni Association briefed students about goals of the sceme. She also introduced students to the mentors involved in this scheme. Prof.Shantanu Kulkarni, Coordinator from T&P Department elaborated entire structure of the scheme to the participants. Dr. R.S. Pande urged students to take maximum benefit from



Principal Dr.R.S.Pande interacting with the students

reconnected. They interacted with faculty and students in respective Departments. Principal Dr.Rajesh Pande felicitated all alumni.

the scheme. Alumni coordinators of all Departments were present. The event was compared by Ms. Riya Mathur, III Semester EN student. Presently more than 60 mentors have registered themselves as mentors and more than 100 students have registered as mentees



SEMINAR ON "HIGHER EDUCATION ABROAD"

RCOEM Alumni Association organized a seminar "Higher Education in Abroad" on 27th August 2016. The seminar got a huge response with a participation of nearly 100 students. Prof. Anish Goel, Assistant Professor from Electronics & Communication Engineering coordinated the seminar. He briefed students regarding GRE and TOFEL tests, MS degree options, On Campus Job, F1 Visa, Cost and Expenses in US and UK Universities. There was a panel discussion on all the queries of student. The panel included esteemed alumni of RCOEM, Rahul Philip (2007 EN), Saurabh Kothari (2007 Ind), Kishore Murarka (2007 EDT) Ameya Bansod (2009 EN), Ketan Paithankar (2009 EN), Rohan Sasan (2013 EN).

Principal Dr.R.S.Pande felicitated all the speakers and congratulated them for the initiative. The event was conducted under the able guidance of Dr.Mridula Korde, Professor In charge, Alumni Association.



Seminar Speaker Panel with Principal Dr.R.S.Pande



Prof.Anish Goel as a speaker of seminar

Alumni Visits : Following Alumni visit college campus to get reconnected. They interacted with Principal Dr.R.S.Pande, Dr.Mridula Korde, Alumni In charge regarding current scenario and gave their valuable inputs on various issues like placements, current technologies etc. Principal Dr.Rajesh Pande felicitated all alumni.



Mr.Ashish Dalia, (Ind 1997), CEO, I Knowledge Factory, getting felicitated by Principal



Mr. Premjeet Sodhi, (Electronics 1990), Chief Operating Officer at Initiative getting felicitated by Principal



Mr. Sunil Chauhan, (Electronics 1993), Account Director, TCS getting felicitated by Principal



Mr.Manish Kumar Tiwari, (Electronics 2011), Indian Army, getting felicitated by Principal

MOTIVATIONAL TALK ORGANISED FOR NON-TEACHING STAFF OF THE COLLEGE

A motivational session was organized for the Non-teaching staff of the College on 8/7/2016 at the MBA Auditorium. The speaker of the session was Mr Javed Khan Rana, journalist. Dr R S Pande, Principal welcomed the Chief Speaker. Also prominently present of the dais were Dr M S Kadu, Head, Department of Civil Engineering, Dr Rashmi Shahu, Associate Professor of Industrial Dept. and Coordinator, WAD and Mr Girish Sontakke, President, Non-Teaching Staff Union of the College.

Around 85 employees participated in this session and benefited from the talk by Mr Rana which was interestingly laced with meaningful insights. He also talked on smart ways of working.

Mr Prashant Tongar, Assistant Librarian proposed a vote of thanks.





DIVISION OF YOGA & LIFE SCIENCES



ABSTRACT OF PHD THESIS : DR. HEMANT BHARGAV

TITLE OF THESIS :

Acute Effects of Mobile Phone Raditions on Brain Hemodynamics, Cognition and SubtleEnergy Levels of Teenagers and Protective Value of Yoga Intervention: A Rnandomized Controlled Study.

Dr Hemant Bhargav successfully defended his thesis on 14th Sept 2016 at S-VYASA University.

His PhD work recommends that it is useful to chant OM for 5 minutes after a talk of 30 minutes over mobile phone to reduce and prevent possible mobile phone radiation induced health hazards.

Background : Mobile phone induced electromagnetic filed (MPEMF) as well a chanting of Vedic mantra 'OM' has been shown to affect cognition and brain hemodynamics, but findings are still inconclusive. MPEMF has been found to affect subtle energy levels of adults through electrophotonic imaging (EPI) technique in a previous pilot study.

Materials and Methods : We enrolled 80 healthy right-handed teenagers of both the genders in the age range of 14.4 ± 0.83 years from various schools in Bengaluru city. Subjects were randomly divided into four groups with 20 subjects in each : (1) MPONOM (mobile phone 'ON' followed by 'OM' chanting) (2) MPOFOM (mobile phone 'OFF' followed by 'OM' chanting) (3) MPONSS (mobile phone 'ON' followed by 'SS' chanting) and (4) MPOFSS (mobile phone 'OFF' followed by 'SS' chanting). Brain hemodynamics during Stroop task were recorded using a 64-channel fNIRS device and subtle energy levels of

various organs were measured using Electro photonic Imaging, also known as Gas Discharge Visualization (GDV) Camera Pro device at three points of time: (1) baseline, (2) after 30 min of MPON / OF exposure and (3) after 5 min of OM /SS chanting. RMANOVA was applied to perform within and between-group comparisons, respectively.

Results : Between-group analysis revealed that the total scored on incongruent Stroop task were significantly better after OM chanting as compared to SS chanting. There was no significant difference between MPON and MPOF conditions for Stroop performance as well as brain hemodynamics. Thirty minutes of MP-EMF exposure increased overall stress and reduced subtle energy levels of endocrine glands, brain, liver, kidney, spleen and immune system of healthy teenagers. Following MP-EMF exposure, 5 minutes of OM chanting led to better reduction in overall stress levels as compared to chanting SS.

Conclusion : MPEMF exposure of 30 minutes did not affect Stroop Performance and brain hemodynamics in teenagers but had subtle energy reducing effects on several important organs. MPEMF exposure also increased overall stress levels as measured by EPI.OM chanting for 5 minutes enhanced cognition with consumption of lesser resources (deactivatiob of pre-frontal cortices); it also resisted stress inducing effects of MPEMF on subtle energy.

Key words : Electromagnetic field, brain hemodynamics, Stroop task, Electrophotonic imagininf, Gas Discharge Visualizer, Mobile phone.

TEMPLE NEWS

S.n.	Functions Conducted	Date	Remarks
1	Duj	6.07.2016	Maha arti and Prasad distribution
2	Dashmi	14.07.2016	Maha arti and Prasad distribution
3	Duj	4.07.2016	Bhakti sangit organised by Ramdeobaba kirtan samiti
4	Dashmi	13.08.2016	Maha arti and Prasad distribution
5	Janmashtami	25.08.2016	Garba dance organised by Kathiyawadi people, Bhakti sangit guided by Ave sir, Kirtan by Mewadi people
6	Welcome of Dhavja Yatra	3.09.2016	Prasad distribution
7	Bhakti sangit	4.09.2016	organised by Ramdeobaba kirtan samiti
8	Ganesh Chaturthi	5.09.2016	Organised by college students
9	Sundarkand	6.09.2016	Organised by Mr. Munna Thakur and Mr. Paty
10	Jamma ji ka Path	7.09.2016	Organised by Mrs. Kalpana Rathi
11	Bhakti geet	8.09.2016	Musical bhakti geet housy
12	Garba dance	9.09.2016	Ras garba competition
13	Jamma jagaran	10.09.2016	Organised by Mr. Moinuddin Manajala And Mr. Jagdish Viashnav, sponsored by Mr. Ashok Prajapati
14	Bhajan	11.09.2016	Bhajan of Rani Sati Dadiji
15	Ramdeobaba sangam sangit	12.09.2016	Chappan Bhog organised



TEAM 'MEDIA EXPRESSION' COORDINATORS

Dr. Monika Seth
Department of Humanities

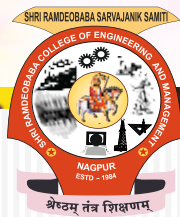
Prof. Vandana Gandhi
Department of Management Technology

Dr. Gayatri Band
Department of Management Technology

Prof. Pratishruti S Singh
Department of Humanities

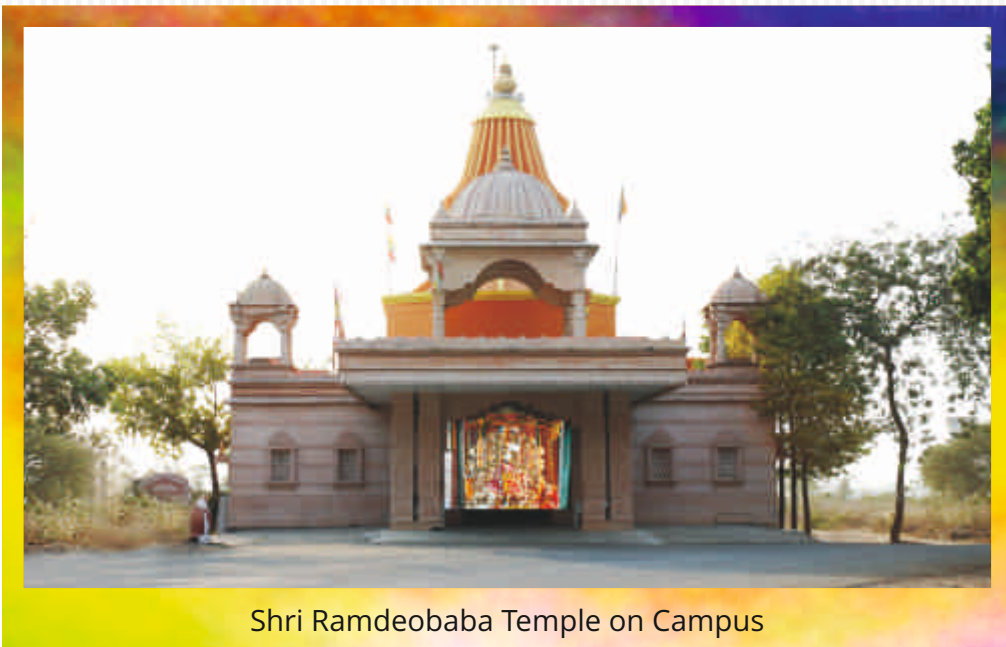
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