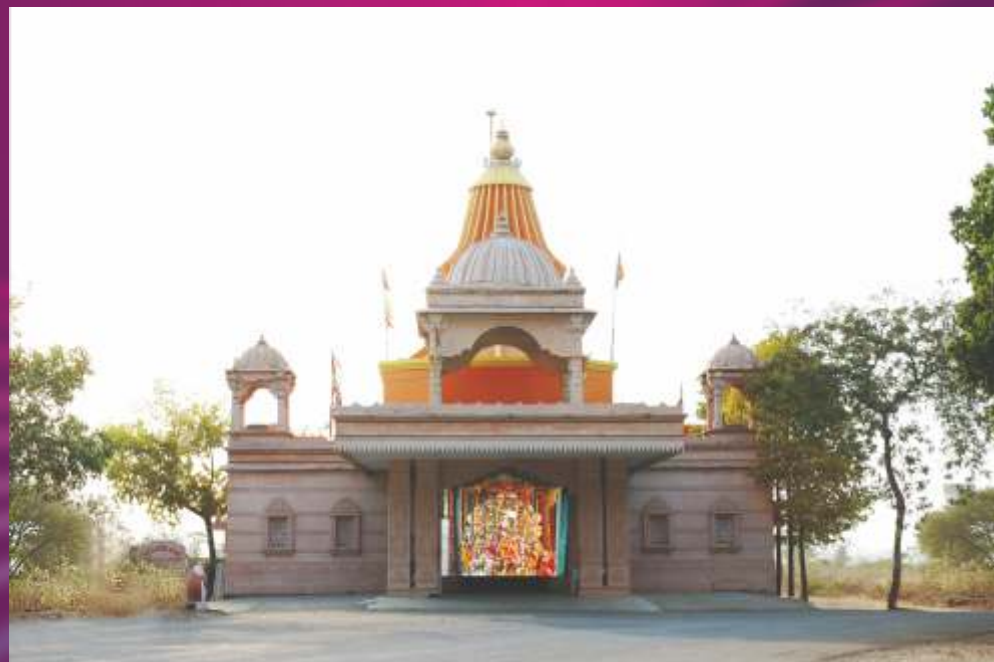




SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT, NAGPUR

Ramdeobaba Tekadi, Gittikhadan, Nagpur - 440013

Phone : 0712-22580011, Website : <http://rknec.edu>



Shri Ramdeobaba Temple on Campus

REFLECTION

NEWSLETTER

OF

SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT

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LETTER FROM THE EDITOR

Dear Readers

July to September 2015 quarter had many publications, conference presentations, workshops conducted and attended, and many other extra-curricular achievements, which are enumerated in this issue of REFLECTION.

The highlight of the quarter were various Ph.Ds awarded to faculty members along with diverse internships received by undergraduate and post graduate students under the RGSTC-TIFAC-MSME or the scheme of Technology Information, Forecasting, and Assessment Council (TIFAC), by Rajiv Gandhi Science and Technology Commission, Government of Maharashtra for providing technical support to the Micro Small and Medium Enterprises (MSMEs).

I hope this issue of REFLECTION is an interesting read for you all

Enjoy reading.

Dr. (Ms.) Deepshikha Mehra
Assistant Professor,
Dept. of Humanities

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Start-up by RCOEM student wins seed finding

"The Climber" start up of Sameer Ramesh, Final year student of Industrial Engineering stood first in IIM- Bangalore' s biggest B-Plan competition and won a seed funding of 10 Lac and incubation at IIM-Bangalore.

Wipro internships to REEF student members as part of CEP

REEF team consisting of 5 members won the Earthian 2014 award in February 2015. As part of the award was the Continuous Engagement Programme (CEP) that Wipro provided to the winning institution. Thus, as part of CEP, four REEF winners were provided internship by Wipro from May to July 2015 in various companies. REEF awardees went through a proper selection process from submission of resumes to a telephonic interview by various companies listed by Wipro. After selection, they worked for 2 months in each of the companies at a stipened of Rs. 25,000 per month (paid by Wipro). REEF Green Ambassadors – Vishakha Jaiswal and Radhika Kale, Aaditya Somani, and Manas Agarwal worked in various companies in Bangalore and Mumbai where they worked on projects that aimed at sustainable development.



A beautiful adage, which has in its folds, true wisdom, that enriches our lives. It is the moral of story of the tortoise and the hare; which caught our child hood imagination, and taught us how to run this race of life. Far back in times we truly believed in its philosophy and took it as a gospel truth. But has the innocent understanding of childhood been able to stand up to the stark realities of the present? And hence we ponder:

Does the slow and steady actually win the race? Or to put it differently, could the slow and steady ever win a race? The question itself arises because we focus only on the result of the race (success or failure) and never on how the race should be run (the journey through life). Our disbelief is understandable and is a testimony to the times we live in. We exist in a fast and furious world and the slow and steady has lost its charm. Every day is a rush-rush affair, there are deadlines and the omnipresent need to outdo and outrun the other. Who can afford to be slow? But we need to pause and think holistically; can things actually be rushed?

In life everything proceeds at its own pace. Take the e.g. of ripening of the fruit; If we try to hasten the process of ripening artificially, the taste and texture of the ripened fruit is nowhere comparable with the succulence and flavor of the naturally ripened fruit. Thus in order to achieve something perfectly, whatever needs to be done has to be done. There are no shortcuts.

Slow and Steady Wins the Race

It is true that in life, means definitely cannot be the end, but the quality of the end result depends upon the means which are used to achieve those ends. In our rush to garner the goals in life we forget this golden principle. We should strive to do things properly, correctly and at their own pace, rather than aiming only for task completion. Task completion is important but not at the cost of missing out important details which could impact the quality of the task performed. We should make diligence a habit and invest time in honing our skills. Some might feel this as a big waste of time since there is no visible output; on the contrary, we should understand that this adds value to our life.

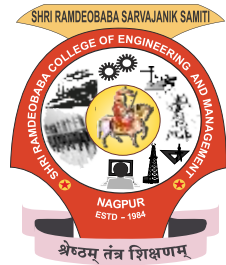
This is not to say that finishing ones job quickly or taking swift decisions is not desirable. This improves the activity throughput and performance of a person and makes him efficient. Such a person appears to completing allotted tasks swiftly and without much effort. But a closer look at working of such a person will reveal the sweat, the grind and hours of practice put in by him/her in order to make the endeavor look effortless.

The best aspect about doing things slowly and steadily is that success is almost always guaranteed, assuming here that capability is not an issue. The satisfaction resulting from a job well done is immense. We gain confidence in our ability to handle difficult situations in life thereby bringing us a step closer, almost transcending us, to a new level in the course of our evolution as human beings.

So the answer to the question does slow and steady win the race is an emphatic yes! Times might have changed but when seen in correct perspective the relevance of that golden adage remains unchanged.

Prof. Aparna Gurjar

Dept. of Computer Applications



DEPARTMENT OF CIVIL ENGINEERING

FACULTY CORNER

- Prof. M S Tiwari attended technical meet organized by Indian Mines Manager Association, Nagpur Chapter on 8th August 2015 at WCL, Nagpur. He presented views on "Development of Support Sector for producing One Billion Tons of Coal by 2020"
- Agarwal, A. K., Kadu, M. S., Pandhurnekar, C. P. and Muthreja I. L., (2015) "kinetics study on the adsorption of Ni²⁺ ions onto fly ash" was published in *Journal of Chemical Technology and Metallurgy*, Vol. 50(5); 601-605. (ISSN 1314-7978).
- Prof Ajay Agarwal was awarded PhD in Civil Engineering on 16th July 2015 by RTM Nagpur university on the topic "Removal of pollutants from Industrial Effluents using flyash and admixtures.". He carried the research under the guidance of Dr. M. S. Kadu (RCOEM) and Dr. C. P. Pandhurnekar (RCOEM)
- Prof Vaidehi Dakwale was awarded PhD by VNIT Nagpur on 15th September 2015 on the topic "Design of Carbon Minus Buildings Using Resource Conservation Approach". She completed the research under the guidance of Dr. R. V. Ralegaonkar, Associate Prof. VNIT, Nagpur.

STUDENTS' ACCOMPLISHMENTS

The 31st National Convention of Civil Engineers was organized by Gujarat State Centre of Institution of Engineers (India) on 20th and 21st September 2015 at Bhaikaka Bhavan, Law Garden Road, Ahmedabad, Gujarat. Rushaad Vashishtha, Himanshu Banthiya, Abhinav Goyal, Laxmikant Bhure and Akshay Tejankar, from the Department attended the conference. Mr. Akshay Tejankar of 3rd Year of the Department also presented a paper entitled "The use of Automation in Construction Industry".

CAPACITY BUILDING ACTIVITIES

Department of Civil Engineering organized an expert lecture on "Critical Evaluation of 24 x 7 Water Supply for Smart Cities" by Dr. Sanjay Dahasahasra for the students on 13th August 2015. Dr. Sanjay

Dahasahasra covered the role of Civil Engineering in the development of smart cities in India and focused on 24 x 7 water distribution system in smart cities.

Workshop "Know Your Branch and Plan Your Career"

Department of Civil Engineering organized a two-day workshop for the second year B.E. (Civil) students on 24th-25th July 2015. Chief Guest for inaugural program was Col. M K Joshi, Director recruiting, Army Recruiting Centre, Nagpur. Colonel M K Joshi enlightened the students about the scope for Civil Engineers in Indian Army, procedure of recruitment at entry levels and essential qualifications required at different levels. He emphasized on how Civil Engineers can serve the nation by joining this noble profession. During the workshop, eminent speakers and alumni of the department namely Dr. Y.J. Rayalu, HOD, Vocational Educational, Dharampeth Science College, Mr. Girish Lala,



Dy. General Manager, RITES Limited, Mr. Bhushan Malkhandale, Deputy Engineer, MSRDC, Mr. Sandeep Shirkhedkar, Director, imaGIS Engineering Solutions Pvt. Ltd., Mr. Aditya V. Salankar, Adisun Buildcon Pvt. Ltd., Mr. Dhawal H. Shah, Builder, S.K. Constructions motivated the students and shared experiences about the career planning, setting targets, competitive examinations preparations, higher studies, and the efforts required for becoming a successful administrator, manager, engineer and entrepreneur in today's scenario. On second day, Prof. Shantanu Kulkarni, Asst. Prof., Mechanical Engg. Deptt., RCOEM conducted SWOT analysis and goal setting sessions for the students. Formal vote of thanks was proposed by program coordinator Prof. P.P. Dahale.

BEYOND ACADEMICS

The Department organized a one day workshop on Personality Development to groom the Final Year students for their placement and for higher studies. Prof. A. K. Agarwal, conducted a session on "Aptitude Techniques" followed by Prof. Anupam Kher, Dean, Training and Placement, RCOEM, on the talk of "Interview Techniques". In the afternoon session, one hour aptitude test and mock interviews were conducted for all the students present. Dr. Amit Padade, Prof. Abbas, and Prof. Shweta Rathi coordinated the events.



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

FACULTY CORNER

- Prof. Mangesh Wanjari delivered a guest lecture on "How to prepare for GATE Examination" for students of Datta Meghe Institute of Engineering, Technology and Research, Wardha on 16th September 2015.
- Prof. Abhijit Raipurkar delivered an expert lecture for 3rd semester students of Rajiv Gandhi College of Engineering and Research on the topic "Ethics of IT Organisation" on 21st September 2015.

STUDENTS' ACCOMPLISHMENTS

- Apurva Nimodiya and Nidhi Singh of Final year completed internship at Department of Computer Science, VNIT, Nagpur from 1st June to 20th July 2015.
- Aggya Singhal, Amit Sharma, Shreya Kukreja, Shriya Shivankar, Shyamali Nandanwar, Dolly Bajaj, Mayank Rangani, Simran Godhwani, and Manavi Rawat of Shift I and Abhinav Mishra, Mohanish Jaiswal, Ritu Khandelwal, Varun Bawdekar, Ayushree Sharma, Mrunmayee Babhulkar, Ankita Sharma, Simran Kalda of Shift II participated in "Workshop on Aptitude Development" organized by Industrial Engineering Department, RCOEM.

CAPACITY BUILDING ACTIVITIES

- On 5th of September 2015 the students' body of CSI Student Branch was installed along with it the post holders of ED Cell were also announced
- Students' Branch of CSI undertook the following activities:



- Vishal Kumar Yadav and Anand Kumar Singh, students of VII Semester (Shift II), RCOEM, conducted a workshop on "Web Development" for 2nd year students under CSI chapter on 5th September 2015.
- Ishan Khaparde, student of VII Semester (Shift II), conducted a workshop on "Android Programming" for 2nd year students, under CSI chapter on 5th

September 2015.

- Ketki Kinage and Ishan Khaparde shared their experience of IIT Powai where they completed "Project Internship" program with III Semester students to motivate and influence them to participate in various skill development sessions.
- Prof. Anish Goyal, Assistant Professor, EC department, RCOEM delivered a lecture on "Informative Pre-requisites of higher studies and its benefits" to motivate and guide students for higher education on 24th July 2015. The lecture was attended by 110 students.
- Mr. Saurabh Sadawarti and Mr. Sachin Meshram from IT Networkz Infosystem Pvt. Ltd, Nagpur conducted a workshop on "Network Devices and Routing" for V semester students on 24th and 25th August 2015. The workshop was attended by 145 students.
- Mr. Vijay Sharma, an Alumnus of the Department who

BEYOND ACADEMICS



Krishna Agrawal, KSS Govind, Piyush Bhatia, Hitesh Goyal, Tanmay Sharma, Nayan Jaiswal, Himanshu Vishwakarma, Gaurav Khichi, Rishabh Mantri, Aman Singh and Shubham Jha of the Department won the Inter Branch Tag Rugby Championship for the second consecutive year.



joined as an Indian Defense Administrative officer was invited to deliver a lecture on "How to prepare for UPSC Examination" for students of the department on 27th August 2015.

- Highest package was offered by Barclays and Mu Sigma to 5 students of CSE department:
 - Barclays-Anand Singh, Ramkrishna Kulkarni, Sarthak Srivastava, Tushar Sahay
 - Mu Sigma - Lomesh Agrawal
- Other top IT companies like Oracle, Tech Mahindra Persistent Systems Ltd., Infocepts, Inautix, Capgemini and Accenture selected 120 students from the Department.
- Job offers for Shift I : 123
- Job offers for Shift II: 111
- The placement details of the department for the session 2015-16 are as follows:

Sr.	Company Name	Shift I	Shift II	Total
1.	Barclays (Dream Company)	03	01	04
2.	Mu Sigma (Dream Company)	01	--	01
3.	Oracle financial Soft. Serv. (Dream Company)	05	02	07
4.	Tech Mahindra (Dream Company)	01	02	03
5.	iNautix Tech. (Dream Company)	03	05	09
6.	Infosys	27	28	45
7.	Accenture	35	34	69
8.	Wipro	23	32	55
9.	ITC Infotech	05	--	05
10.	Capgemini	03	02	05
11.	Persistent Systems Ltd	11	04	15
12.	Infocepts	06	--	06
13.	Infostretch	--	01	01
	Total	123	111	234

DEPARTMENT OF ELECTRICAL ENGINEERING

FACULTY CORNER

- Dr. D. R. Tutakne donated and installed five "High sensitivity Electric Shock Preventer" devices for students' safety in the college. This device is developed by him with the patent in his name.
- Dr. S. B. Bodkhe was appointed by R. T. M. Nagpur University on interview panel for selection of Associate Professor and Assistant Professor at Priyadarshini College of Engineering in September 2015.
- Dr. M. M. Renge was appointed by R. T. M. Nagpur University on interview panel for selection of Project Assistant Level I & II at Central Institute of Mining and Fuel Research on 15th September 2015
- Prof. M. V. Palandurkar has been awarded Ph.D in the faculty of Engineering and Technology by Rashtrasant Tukdoji Maharaj Nagpur University in the 102th convocation of the University. Her topic of research was "Replacement of Flywheel of the Process Machine with Appropriate Electric Drives". She carried out her research work under the supervisions of Dr. S. G. Tarnekar, Professor in GHRCE (Ex. VNIT Professor), Nagpur and Dr. J. P. Modak, Emeritus Professor and Dean R&D, PCE, Nagpur
- Dr. D. R. Tutakne delivered expert guest lecture on "Variable Voltage Variable Frequency Drives" to KTPS engineers of MAHAGENCO at Koradi Thermal Power Station on 23rd September 2015.
- Dr. M. M. Renge delivered expert guest lecture on "Vector Control of Induction Motor" at Tulsiramji Gaikwad Patil College of Engineering and Technology on 7th August 2015.

STUDENTS' ACCOMPLISHMENTS

- Placement: 49 out of 68 eligible students from the batch of 2016 were placed in various companies like Accenture, Wipro, Infosys, inautix, Tech Mahindra, Infocepts, and Capgemini.
- Industry Internship: Ms. Medha Giri, Ms. Shefali Wasnik, Mr. Kapil Jangid and Mr. Prakash Purohit from M.Tech (PEPS) Sem-III completed their two-month

internship from 8th June 2015 to 7th August 2015 at Area Load Dispatch Centre, Ambazari, Nagpur. They were selected by Maharashtra State Electricity Transmission Co. Ltd. for undergoing this full-time inplant training programme for which the company paid them a monthly stipend. Liaisoning with MAHATRANSCO for permission was coordinated by M.Tech Coordinator Dr. S.B.Bodkhe.

SPORTS:

- Students of the Department have won first prize in volleyball in inter-branch competition organised by Physical Education department on 8th September 2015. The Captain of team was Brajesh Laddha (VII Sem) and team members were Sushant Shekhar (VII Sem), Mayank soni (V Sem), Naveen Dixit (V Sem), Sagar jain (V Sem), Sumit Tiwari (III Sem), Shubham Vidhate (III Sem), Sangpal Wasnik (III Sem), Rohan Gautam (III Sem).
- Men's team won second prize in Chess inter-branch competition organised by Physical Education department from 26th to 28th August 2015. The winning team consisted of Aliq Singh (VII Sem), Anil Kumar (VII Sem), Sagar Debadwar (VII Sem), Nehal Awasthi (VII Sem), Rajash dahshastra (V Sem), Nilesh Huddar (V Sem).
- Women's team won the third prize prize in Chess inter-branch competition organised by Physical Education department from 26th to 28th August 2015. The name of students was Sayali Deogade (VII Sem), Shafak Ahmad (VII Sem), Shivani Kumar (VII Sem), Aditi Mudgal (VII Sem) and Vartika Shrivastava (V Sem).
- The students of the Departments are in college team under various heads. Mayank Soni (V Sem), Naveen Dixit (V Sem), Sumit Tiwari (III Sem), Shubham Vidhate (II Sem), Sangpal Washnik (III Sem) are in Volleyball team. Abhishek Tiwari (III Sem) is in Badminton as well as in Foot Ball team.
- Ankit Badukale and Mohammad A. J. A Khan of the Department under the banner of "SAE INDIA, RCOEM" collegiate club had participated "SAI INDIA

SUPRA'2015" held in Madras Motors Race Track, Chennai from 13th to 21st July 2015. SAI SUPRA is an international level competition in which the students need to design, evaluate and fabricate a "Formula Style Race Car". A team of 25 students from our college

participated in this competition and successfully fabricated a formula style race car and participated in the final event. The students work hard for more than six months for competition.

CAPACITY BUILDING ACTIVITIES

• Multiskill Development Training Program

The Department along with Department of Industrial and Mechanical Engineering conducted a 40 days "Multiskill Development Training Program" for HINDALCO Industries, Mouda. The training program was conducted from 10th August 2015 to 26th September 2015. The theory session were conducted at Hindalco Industries, Mouda while the practical sessions were conducted in the College. Prof. G. N. Goyal from the Department coordinated the training program. 16 faculty members delivered lectures on various topics of electrical engineering. The hands on practical session were conducted in various labs of the department by 7 faculties.

• Electrical Engineering Students' Association (EESA) Installation

Electrical Engineering Students' Association (EESA) organized its installation ceremony on 10th and 11th September 2015. The function started with lighting of the lamp by the chief guest of the function Mr. Ajay Ganguli, Ex President SNDL. Prof. V. T. Barhate, HOD Electrical, Prof. N. M. Deshkar, EESA Coordinator and Prof. G. N. Goyal, EESA In-charge were the prominent faculty members present. The event began with the lecture of Mr. Ajay Ganguli on "Recent Trends in the Distribution System". Badges were given to the EESA core committee and trophies were awarded to students for their outstanding performance in academic, sports and extracurricular activities by Prof. V. T. Barhate and other faculties of the department. Prof. G. N. Goyal, EESA

Coordinator presented a note describing the events organized by the EESA in the year 2014-15 and proposed future plans for the year 2015-16. The installation ceremony concluded with the National Anthem. The cultural night was scheduled on 11th September in which students performed different activities like group dance, music show, Fashion show etc.



EESA Installation



Cultural Nights

• Entrepreneurship Development Cell Installation Program

The office bearers of the Entrepreneurship Development Cell of the Department were installed on 28th September 2015. Prof. M. R. Jain, Prof. V. T. Barhate and Prof. U. B. Mujumdar guided the students on "Traits of an Entrepreneur". Events such as Logo quiz, Taglines, G. K. quiz were also conducted by the members of the EDC cell. Priyanka Kawale and Sonika Zanzad conducted the program. Ashish Tanksale, Joint Secretary proposed the vote of thanks. Aniket Bagde, Secretary along with Athrva Pande, Akashdeep Sing Bhatia, Sheersh Deep Gupta, Pradutta Joshi and Sagar Bhade worked hard for the success of the program.



EDC Installation Programme

- A guest lecture was organized by the Department at the inaugural function of Electrical Engineering Students' Association (EESA) 2015-16 on 10th September 2015. The lecture on "Recent Trends in the Distribution System" and was delivered by Mr. Ajit Prasad Ganguli, Ex Vice President SPANCO and Freelance DISCOM Consultant.
- Workshop on AVR Microcontroller Programming
- Entrepreneurship Development Cell (EDC) of Electrical Department arranged a workshop on "AVR Microcontroller Programming" for students of the department on 10th September 2015. The workshop was conducted by Mr. Sumit Dubey, Pro-Embedded Solutions, Nagpur. It covered various programming aspects of AVR microcontroller using open source software WINAVR. A hands-on training was also given to the students. 35 students of the department participated in the workshop. Prof. U.B. Mujumdar guided the EDC- team for the successful organization.



- A three-day workshop on "Aptitude Development" for third year students from 3rd to 5th August 2015 was conducted by Mr. Asish Diwam, Alumini of 2009 Batch.

• INDUSTRY VISIT

- o One-day Industry visit of M.Tech (PEPS) students to (1) Haldiram Food International Ltd. (Factory), Bhandara Road, Nagpur and (2) Hindalco Industries Ltd., Mouda, Nagpur was organized on 12th September 2015 for students of Sem-I and III. They were introduced to and shown various on-going processes in different sections of these industries. The accompanying teachers were Dr. S. B. Bodkhe, Dr. M.V. Palandurkar, Prof. M. B. Gaikwad and Prof. G. N. Goyal.



Industry visit at Hindalco

- o Two day industry visits of seven semester BE students to HVDC, Chandrapur were organized on 1st and 2nd September 2015 under the guidance of Prof. P. A. Salodkar. They were introduced to various on-going processes in different sections of 500 KV HVDC line. The accompanying teachers were Prof. G.N. Goyal and Prof. V. A. Huchche.

DEPARTMENT OF ELECTRONICS ENGINEERING

FACULTY CORNER

- Prof. Pankaj Joshi presented the following papers:
 - o "Novel combined Approach of Constant correction and variable correction Method to Minimize the Mean square error and compensation Hardware for fixed width multiplier" at Connect 2015, IEEE International conference at IIT Bangalore on 10th-11th July 2105.
 - o "Hardware Optimization of complex Multiplication Scheme for DSP Application" in IEEE International conference on Computer Communication and Control held on 10th-12th Sept 2015 at Indore.
- Prof. Mridula Korde and Prof Archana Tiwari attended STTP on Practical RF Antenna Design from 6th to 10th July 2015 at NIT Warangal.
- Prof. Apurva Khanzode and Prof. Shubham Anjankar attended a one-week ISTE Approved STTP on Measurement Practices in Instrumentation Systems from 28th September to 3rd Oct 2015.
- Prof. Suresh Balpande delivered a talk on MEMS Sensors on 12th Aug 2015 at Ordinance Factory Ambazari, Nagpur.
- Prof. Suresh Balpande delivered a talk on PLC and Industrial Automation on 15th, 17th, 18th September 2015 at Hindalco Industries, Moudha.
- Prof. Suresh Balpande organized talk on MEMS Based Sensor on 29th July 2015. Dr. Deopujari, Shri Nursing Home delivered talk on MEMES based sensors used in Endo- Tracheal Tube Treatment. Prof Balpande delivered talk on MEMS based Sensors.
- Prof. Suresh Balpande delivered a lecture on "Introduction to MEMS" in Department of Mechanical Engg RCOEM on 28th July 2015.
- Dr. J.A. Shrivankar delivered a guest lecture on Wireless communication on 30th Sept 2015 at KITS Ramtek.
- Prof. Sanjay Saranjpure delivered a session on Data Acquisition using LAB View in STTP on Measurement Practices in Instrumentation Systems from 28th Sept to 3rd Oct 2015.
- Prof. Ankita Kumar attended a one day workshop on Virtual Lab organized by PIET, Nagpur and IIT Bombay.

- Prof. Ankita Kumar successfully completed a course work on Analog Circuit by NPTEL.
- Prof. Ankita Kumar was instrumental in bringing Virtual Lab Nodel Center at RCOEM. Virtual Labs in IIT Bombay are open source laboratory platform.

STUDENTS' ACCOMPLISHMENTS

• ELECTROLITZ Society installed at RCOEM

Installation ceremony of Electronics Engineering students' society ELECTROLITZ was held. It was inaugurated by Mr. Arvind Kumar, (Dy) Center head, TATA Consultancy services, Nagpur and in presence of RCOEM alumni Mr. Ajay Yawalkar, Associate consultant TCS, Nagpur. Dr. (Mrs.) A. A. Khurshid, HOD-EN; Prof. B. M. Hardas and Prof.(Mrs.) G.A. Morankar, Electrolitz Society Incharges and Mr. Pratik Bhutada, President of Electrolitz Society were prominently present. Dr. (Mrs.) A. A. Khurshid in her speech praised the students for their achievements in various fields during 2014-15. She stressed the need for continuous learning and also encouraged the students to undertake various technical programs through Electrolitz. Mr. Pratik presented the report of the society and highlighted various activities to be carried out in the future. Mr. Ajay Yawalkar in his nostalgic speech recalled his memories during his student life in the College and thanked all teachers for their valuable guidance. Mr. Arvind Kumar laid stress on the importance of student forum in developing the overall personality of the students. In his address he urged the students to acquire maximum skills and expertise in this digital world. The Departmental magazine ENSPIRE was released by the dignitaries. Joint Secretary Ms. Pranjal Dixit proposed the vote of thanks. The installation concluded with cultural evening.

- Four students of the department, Mr. Akshay Gaoli, Mr. Aniket Chede, Mr. Abhishek Singh, Mr. Ashutosh Balki were selected for phase two of "RGSTC-TIFAC-MSME Internship Programme". The students are associated with M/s Waghmare Food Products Nagpur, & M/s Sterling Electricals Nagpur for their project work.

CAPACITY BUILDING ACTIVITIES

STTP on Measurement Practices in Instrumentation System

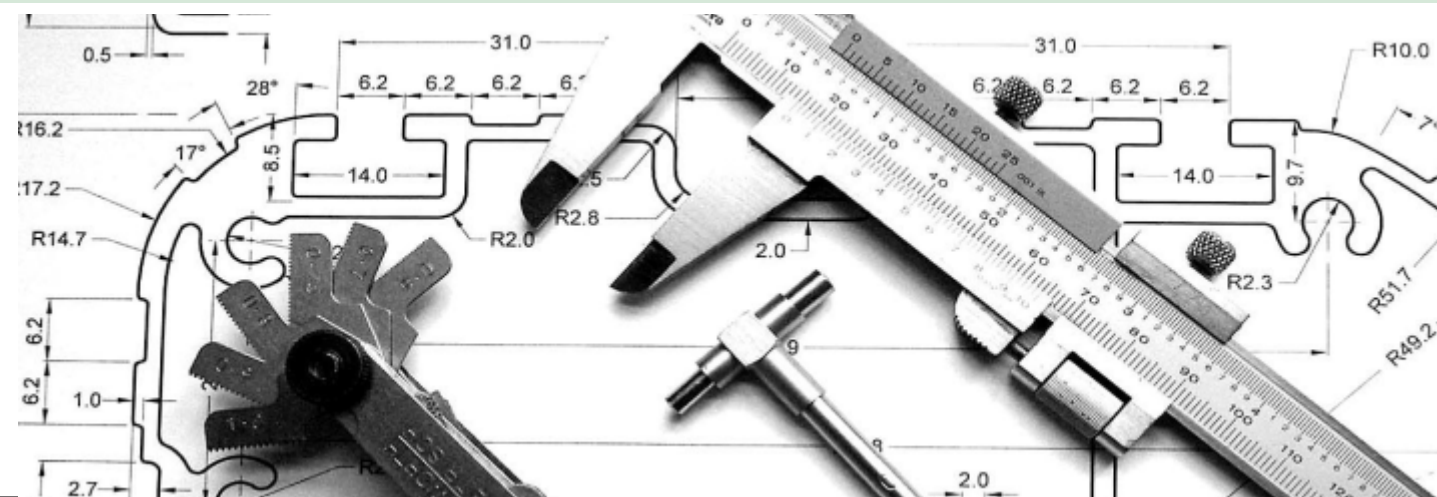
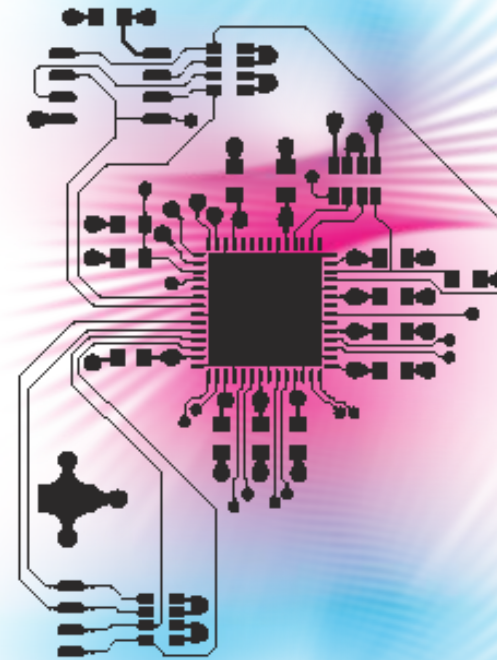
ISTE approved STTP was inaugurated by Mr. Tushar Joshi, Senior architect, Persistent Systems Ltd., Nagpur. Dr. S. D. Mohagaonkar, Dean - Second Shift, RCOEM presided over the function. Dr. (Mrs.) A.A.Khurshid, HOD-EN, Prof. B.M. Hardas and Prof. Nikhil Damle coordinators of STTP, were prominently present. In his opening remarks Prof. Nikhil Damle gave details of various sessions to be conducted in week long program where the participants were faculty members working in engineering colleges and polytechnics. In her address Dr. (Mrs.) Khurshid hoped that deliberation during STTP will give new ideas for researchers in area of Instrumentation System. In his key note address Mr. Tushar Joshi deliberated his views on advancement in instrumentation. He put forth the idea of internet of things to be implemented in the field of instrumentation which can create safe and convenient life. Prof. B.M.Hardas, Coordinator STTP proposed vote of thanks while Prof. Snehal Laddha conducted the proceedings.

Mr. Pradeep Gujrathi, Deputy director, Institute for Design of Electrical Measuring Instruments, Mumbai; Ashish Uttarwar, CEO, Arav Technologies; Akhil Bahale, Sterling Electricals, Sanjay Pitale, CEO- Automat Process Control and faculty members of RCOEM conducted various sessions. Prof. Nikhil Damle conducted the session on Calibration Practices in Measuring Instruments. He also delivered a talk on Analytical Measuring Techniques and Data Acquisition using Labview.

15 participants from various Engineering colleges and Polytechnics (faculty members and post graduate students) attended the STTP. This training program has provided an opportunity to the participants to interact

with the well known industry experts and academicians from the universities of national repute. The interaction provided directions to carry out the research in the field of Instrumentation

- Prof. Shubham Anjankar conducted a two-day workshop on Digital Circuits Implementation on QuartusII and cyclone kit for students of II year on 18th and 19th Sept 2015. Students were exposed to the concepts of FPGA.
- Prof. Sharmik Admane and Prof. Sandeep Pandey conducted a One week workshop on Low cost Embedded system for students from 18th to 23rd Sept 2015. Students were exposed to concept of designing low cost embedded system.
- Prof. Pankaj Joshi coordinated industrial visit to Microtron Systems for II Year students on 29th Sept 2015.
- Prof. S. V. Laddha and Prof. S.R. Pandey organized a guest lecture on "Entrepreneurship development" by Mr. Swar Gattani, CEO, Central Procurement Services, Nagpur on 1st Sept 2015
- Prof. S.V. Laddha organized an online test on "IOT- Internet of Things" on 14th Sept 2015 under ISTE-ISF.
- Prof. S.V. Laddha organized a hands-on training on Labview by Mr. Ameya Munde, Sr. Executive National Instruments on 21st Sept 2015.
- Prof. S.V. Laddha organized an expert lecture on "Electronic components Manufacturing by Mr. Shyam Prasad, Director Tecxtra Techno Pvt. Ltd on 15th Sept 2015.
- Prof. Ankita Kumar conducted a 3-day workshop on Tanner Tools for III year students.

**DEPARTMENT OF ELECTRONIC DESIGN TECHNOLOGY****FACULTY CORNER**

- Prof. Anju Gupta delivered a seminar on "Molybdenum Based Resistive random access memory" and "Fabrication facilities at IIT Delhi" on 14th August 2015 for the faculty of EN and EDT Departments and M Tech VLSI students of the College.
- Prof J.B. Zalke delivered a guest lecture on "Industrial Automation: PLC and SCADA" at Hindalco Industries Ltd., Mouda on 29th August 2015.



- Prof. J.B. Zalke and Prof. Udayan Patankar conducted a workshop on "Embedded System Design and Simulation" in the College for 2nd Year students from 24th to 28th August 2015.
- Prof. Ruchir Nandanwar delivered a guest lecture on "Sensors and Transducers" at Hindalco Industries Ltd., Mouda on 29th August 2015



- Prof Ruchir Nandanwar and Prof. Suchita Goswami attended a one week STTP on "Measurement Practices in Instrumentation System (MIPS)" from 28th September to 3rd October 2015 organized by the College.
- Prof. Udayan Patankar delivered a guest lecture on "Energy Efficient Technologies" at Government of India, Ministry of MSME, Nagpur Division on 24th July 2015.
- Prof. Udayan Patankar delivered a guest lecture on "Electronics Circuit and PCB Designing" at D.Y. Patil College, Talegaon, Pune on 11th September 2015.



STUDENTS' ACCOMPLISHMENTS

- Eight students of 3rd Year and nineteen students of 2nd year EDT participated in "Autotronix", "Technoskills" and "ECD" workshops conducted by GENESIS on 3rd, 7th and 8th September 2015.
- Twenty students of 2nd Year EDT participated in "Embedded system Design and Simulation" workshop conducted by Prof. J.B. Zalke from 24th to 28th August 2015.
- Payal Hingave, Sushmita Mahajan, Priya Yadav and Nikita balla of 2nd Year participated in "Robogang" organized at RCOEM on 22nd September 2015.
- The 3rd and 4th Year students of the Department organized Robotics Workshop "AutoTronix" on 4th September 2015 under Genesis Students' Society. The primary goal of the workshop was to provide a platform to all aspiring engineers to work on their ideas. The students presented a brief idea about basics of Robotics and Automation System. They explained basic design concepts of Line follower robot. The discussion also focused on basic concepts of PCB designing and manufacturing and how one can develop good and efficient systems. 82 students of all branches of engineering attended the workshop with full zeal and made it a successful programme.
- The 3rd and 4th Year students of the Department organized a competition "Technoskills" on 4th September 2015. It was organized under the Technical Group, 'GENESIS' Student Society of EDT Department. The competition was divided in to three phases, first phase involved Basic design concepts of discrete components. The second phase was related to digital circuit design. Third phase was based on testing and error finding ability. 34 students from all branches of engineering participated in the competition.
- The technical group, GENESIS organized Robotics workshop "ECD" on 7th September 2015. In this workshop students dealt with the electronic circuits used in making various applications based designs like timer, counter etc. The training program was designed to give a very brief overview of different circuits and components used in designing circuits. 18 participants from different departments attended the workshop.

- Following Final year students of the department have been placed so far in Infosys, Tech Mahindra, Capgemini, Accenture, and Wipro:

S. No.	Name of Student	Name of Company
1.	Zulqarnain J. Sabir	Wipro, Accenture, Infosys
2.	Anjali Dhundele	Wipro, Accenture
3.	Akansha Singh	Wipro, Infocept
4.	Kedar Khapre	Infosys, Accenture
5.	Prerna Sathe	Wipro, Accenture
6.	Latasha Parasnani	Accenture
7.	Amol Chavan	Tech M
8.	M. Kushagra	Tech M
9.	Darpan Agrawal	Accenture
10.	Nidhi Shrivastava	Infosys
11.	Pradip Vetal	Wipro
12.	Shashwati Bhagat	Tech M
13.	Nitya Jain	Accenture
14.	Akshay Punyani	Accenture
15.	Amruta Aparajit	Accenture
16.	Ankita Gupta	Capgemini
17.	Aanchal Chowrasia	Accenture
18.	Bhavika Paidlewar	Accenture
19.	Abhishek Singh	Infosys
20.	Shubhani Patil	Accenture
21.	Naveen Purohit	Accenture
22.	Kalindi Vyas	Inautix

CAPACITY BUILDING ACTIVITIES

- Guest Lecture on "Entrepreneurship Development" By Mr. Arun Agrawal on 24th July 2015

Mr. Arun Agrawal owner of 'Supreme Induction', and a alumni of RCOEM, spoke on the importance of thinking in terms of setting up an industry. The core company has a lot of scope and the students were advised to develop the market for Design based industries. He briefly explained the entrepreneurial approaches towards earning money. Students from 2nd, 3rd and 4th Years of EDT attended the lecture and learned a lot from it.

- Guest Lecture on "Energy Conservation and Renewable Energy Sources" By Mr. Ashok Manwatkar on 1st August 2015
- Mr. Ashok Manwatkar, Dy. Director and sub Regional officer, Petroleum Conservation Research Association (PCRA) (Govt. of India) Nagpur discussed about the present and future scenario of energy resources like

coal, natural gas, petrochemical products, etc. He briefly explained about different ways to reduce energy requirements and how energy efficient technology can be put to good use. He mainly focused on how we can develop a good energy efficient product and the use of non conventional energy resources to meet up with our energy requirements. 66 students from all semesters, B.E. (EDT) attended the lecture.

- Guest Lecture on "Importance of C" By Prof. Tausif Diwan on 18th September 2015.
 - It was organized by the Department for Final Year students. The speaker was Prof. Tausif Diwan, Assistant Professor in Department of Computer Science Engineering, RCOEM.
 - Guest Lecture on "ASIC Implementation" By Mr. Aditya Bankar, alumni (2007 Batch) of EDT Department
- Aditya Bankar delivered a lecture on 26th September 2015. He is a Design Engineer in "Qualcomm", Bangalore. He shared his experiences with the students and interacted on various issues in ASIC Verification.

**INDUSTRIAL VISIT**

- Industrial visit for V semester students were organized to Vyankatesh Transformers Pvt. Ltd., Hingna (MIDC) on 25th July 2015. Prof Jitendra Zalke and Prof. Udayan Patankar accompanied the students. Technical details were given to the students by the company on an important part of product manufacturing by the company. They discussed about Product Lifecycle, testing of the product, different areas for which industries work, manufacturing electronic products and core concepts related with electronic management of machines to lessen the errors and

improve efficiency.

Alumni Student Mentoring Programme

Department has started Alumni Student Mentorship Programme to bring together students and alumni in purposeful and mutually rewarding relationship. The programme uses an online platform to introduce students to alumni from different class years, programs, and industries. Under this programme the alumni mentor share personal experiences, and provide students a personal connection to executives and other alumni from around the world. The students can build their own network and gain new perspective on the possibilities open to them after graduation. Under this programme, the Department organized the following activities:

1. Interaction with Ms. Rupali Lunani, alumni (1993 Batch) of EDT Department

A videoconferencing interaction with Ms. Rupali Lunani on 4th September 2015 was conducted. Ms. Lunani is System Engineering Manager in General Dynamics Sterling Heights, Rochester Hills, MI, US. She spoke on "Latest Embedded system". The lecture focused on designing and automation. The speaker explained the importance of LEGO-KIT, its uses and how does it helps to make robot with ease. The discussion was also focused on automated cars which are in much demand these days, they are source outcome of 40 computers which circulates and simultaneously processes every part of it. She also discussed about hybridization of cars and operating it with battery and shared her experiences in DCB (i.e. Dual Clutch Brake) technology.

2. Interaction with Mr. Aditya Bankar, alumni (2007 Batch) of EDT Department

An interaction with Mr. Aditya Bankar, an alumni of EDT department (batch 2007) was organized on 26th September 2015. He is Design Engineer in "Qualcomm", Bangalore. The interaction was on "Digital System Design and its applications". The students learnt about Digital electronics and its implementation in the corporate world. He emphasized on selection on core electronics and the working there. The discussion was also about the importance of every topic in syllabus for the corporate world.

BEYOND ACADEMICS**Installation Ceremony of Student Society and Entrepreneurship Development Cell**

'ETHEREAL-15' - Installation ceremony of EDT student's society GENESIS and Entrepreneurship Development Cell (EDC) was conducted on 7th September 2015. The newly elected executive body of GENESIS and EDC for the session 2015-16 was installed in the inaugural function. The chief guest of the event was Mr. Amar Akre,

MD SAP Control System and Engineers pvt.ltd. Dr. R.S Pande (Principal), Prof. (Mrs.) R.R. Harkare (HOD), and Prof. Udayan Patankar (Student's Society Incharge) spoke to the students. The official logo for the Genesis Society was launched by the chief guest and the magazine of Genesis students' society "Exorior-15" was unveiled. He motivated the students, shared his experience and his journey as an entrepreneur. The function was followed by the workshops "Autotronix", "ECD", "Technoskills" conducted by the students.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**• The following patents were published by the faculty of the Department:**

- "A real time data compression and transmission for remote patient monitoring system (IDEA patent)" was published on 7th August 2015 by Dr. Rajeshree Raut. Journal No-32/2015, Application No-2493/MUM/2015.
- "Universal Source coder for SDR in cognitive radio (IDEA PATENT)" was published on 7th August 2015 by Dr. Rajeshree Raut. Journal No-32/2015, Application No-3120/MUM/2015.
- "MEMS Cantilever switch as low pass filter (IDEA PATENT)" was published on 14th August 2015 by Prof. Deepak Khushalani. Journal No-33/2015, Application No-1536/MUM/2013.
- Dr. S. B. Pokle's paper entitled "Pentagon slot resonator frequency reconfigurable antenna for wideband reconfiguration" was published in International Journal of Electronics & Communication AEU - International Journal of Electronics and Communications (ELSEVIER), 69/ 10, Available online on 6 July 2015, Pages 1562-1568.
- Dr. Rajeshree Raut's paper on "Efficient performance analysis of data hiding technique for enhancement of information security, robustness and perceptibility" was published in International Journal of Electronic security and Digital Forensics, 7/4, pp 305-329 August 2015.

STUDENTS' ACCOMPLISHMENTS

- Out of 137 eligible students, 90.51 percent, that is 124

students were placed.

- IEEE Pune had organized an IEEE student awareness contest 2015 on 23rd September 2015. Following two teams of our EC department had participated in the contest and won the 1st prize of Rs. 10,000 and 2nd prize of Rs. 7,000. Each group was also provided support fund of Rs. 450 and travel grant of Rs. 1,000:

Team 1: Topic: Electrical Safety

- 1) Saiesh Kumar Jain (3rd Year EC)
- 2) Madhulika Dolke (3rd Year EC)
- 3) Shivani Kshatriya (3rd Year EC)
- 4) Omkar Kekre (3rd Year EN)

Team 2: Topic: Satellite Communication

- 1) Gauri Pande (2nd Year EC)
- 2) Sayali Bodhankar (2nd Year EC)
- 3) Prajakta Dharme (2nd Year CS)
- 4) Ankit Mahant (2nd Year EC)

CAPACITY BUILDING ACTIVITIES

- The Department organized a two-day workshop on "Wireless DTMF Mobile Controlled Robot" on 22nd and 23rd August 2015 for Second and Third year students of the Department. Prof. B. A. Neole coordinated the workshop along with committee member Prof. D. D. Shrivastava. The workshop received a positive response with the participation of about 90 students. As a part of the workshop, all the students were provided with kits using which they were given hands on training. All the faculty members of the department also extended their support to make the workshop successful.

BEYOND ACADEMICS

Installation of Communiqué - Students' Society of the Department for the current session (2015-16) was successfully held on 5th September 2015. The chief guest of the function was Mr. Tushar Joshi, Senior Architect, Persistent. All the faculty members of the department also extended their support to make the installation and cultural program a success.



Department organized a two days Spoken Tutorial Workshop by IIT Powai on "Python, SQL- Java C & C++" for the batch of 50 students from 3rd Year of the department, 29th September 2015 to 1st October 2015. It was coordinated by Prof. N. A. Patodia. The qualified students of the online test were awarded certificates from IIT Powai.



DEPARTMENT OF INDUSTRIAL ENGINEERING

FACULTY CORNER

- Dr. D.R. Zanwar's research paper entitled "Productivity enhancement using various industrial engineering tools - A case of furniture manufacturing shop" was published in Industrial engineering journal (August 2015).
- Prof. Pravin Tambe was invited as chief guest of Mechanical Engineering Association (MEA).
- Prof Pravin Tambe gave expert lecture on "Introduction to Matlab Programming for engineering applications" at Kavikuluguru Institute of Technology and Science (KITS) Ramtek on 17th July 2015.
- Prof. Pravin Tambe reviewed research paper for Computers and Industrial Engineering Journal (Elsevier) and Third PAN IIM World Management Conference.
- Prof. Rakshal Agrawal, Prof. Mangesh Joshi and Prof. Vishal Milmile successfully completed three day Six Sigma Green Belt training program organized by "Shreyas Quality Management Systems"
- Following faculty members of Industrial Department gave expert lectures for Multiskill Development Orientation Training Program at Hindalco Industries Limited, Mauda from 11th August to 24th September 2015:

List of Expert lectures delivered by the Faculty Members

Faculty	Date	Topic
Dr. I. P. Keswani	24/09/2015	Mindset for Quality
Dr. V. S. Deshpande	24/08/2015	Quality Circle- An Innovative method of participative management
Dr. D.R. Zanwar	24/09/2015	Mind set for Quality
Prof. M.R.Jain	22/09/2015	Transaction Analysis
Prof. T.A. Madankar	08/09/2015	Misalignments Causes & Effects
Prof. Y.V. Deshpande	28/08/2015	Measuring and Marking Instruments
	02/09/2015	CMM and Measurement Practices
Prof. Priya Khandekar	26/09/2015	Productivity
Prof. Rakshal Agrawal	26/09/2015	Quality
Prof. S.Pund	04/09/2015	Safety
Prof. A. A. Deshpande	01/09/2015	Fasteners & Tools
	21/09/2015	Welding Machines
Prof. Ganesh Shetiya	11/08/2015	Furnaces- Melting of Metals
	12/08/2015	Casting & Continuous casting
	18/09/2015	Maintenance of Gear Boxes
	22/09/2015	In-plant inspection and check of melting and casting parameters.
Prof. P. B. Shiwalkar	10/8/2015	Rolling Plant Introduction
	18/08/2015	Introduction to Rolling Mill
	21/08/2015	Rolls and Regrinding
	29/08/2015	Rolls- Construction and Maintenance
	05/09/2015	In-Plant Oral Test
	12/09/2015	Introduction to Pneumatics
	15/09/2015	Introduction to Lubrication and Lubrication System
	19/09/2015	Introduction to Automation
	24/09/2015	Automation & its Implementation
	19/08/2015	Introduction to Workshop Practices
	26/08/2015	Workshop Practices
	23/09/2015	Introduction to Mechatronics and Automation

STUDENTS' ACCOMPLISHMENTS

- Pranav Dange and Nitesh Nagapurkar presented a paper at Sinhgad Institute of Technology on "supply chain management" at state level paper presentation competition-PRODZINE-3 on 28th and 29th August 2015.
- Sameer Ramesh represented RCOEM at "Harvard Project for Asian and International Relations Asia Conference" organized by De La Salle University, Manila Phillipines, and Harvard university at Makati Shangri-La from 20th August to 25th August 2015.
- "The Climber" start up of Sameer Ramesh, final year stood first in IIM- Bangalore' s biggest B-Plan competition and has won a seed funding of 10 Lac and incubation at IIM-Bangalore.
- Ankit Mahant stood 2nd in National Competition, SAC, IEEE, Pune.
- Following student successfully completed their summer industrial training 2015:

STUDENT NAME	Name of company
1. Shubhangi Verma	Npcil, Kota
2. Ruchika Jain	Bilt
3. Varun Pasari	Aura Plastics Pvt Ltd
4. Jyoti Iyer	
5. Shreya Dixit	Minar Hydrosystems
6. Anurag Nashine	
7. Chetan Chandak	
8. Adesh Katariya	Force Motors
9. Subham Bamal	Renault
10. Hemanth Podila	BEML, Delhivery
11. Kaushal Dongre	Ferrero India Pvt Ltd
12. Snehal Rathi	Raymond Pvt Ltd
13. Anuradha Sharma	
14. Neha Thakur	Sail, Bhilai
15. Vasudha Nimje	
16. Ragini Khandal	
17. Diksha Raut	Onkar Industries
18. Shreysha Saha	WCL Hq
19. Rishabh Choudhari	Rattan Gears
20. Chetan Rathi	Indian Railway S
21. Rahul Mishra	Mahagenco
22. Anshuk Paliwal	Ninl
23. Ketan Rathi	JSW Steel Coated Products Ltd,
24. Vipul Agrawal	Kalmeshwar
25. Karthik Rathi	Rattan India Power Ltd
26. Pranav Parwate	
27. Pranay Dhaherwal	D. C. Engineering Works

- Following student successfully cleared competitive exam

Name of Student	Name of Examination	SCORE
Punarvasu Kabra	GRE,TOEFEL	310/340,95/120
Devesh Arora	GRE	307/340
Shreya Agrawal	GRE,TOEFEL	320/340.110/120
Chetan Tidke	GRE	306/340
Abhishek Mishra	AFCAT	174/300
Anuj Agrawal	GRE	308/340
Rishi Garg	GRE	306/340
Shriraj Attal	GRE,TOEFEL	312/340,100/120

• CAPACITY BUILDING ACTIVITIES

Branch Orientation Program

"DRISHTI" – The Indus Wa



IES organized an orientation program for 2nd year students of the Department, on 6th August 2015. The main aim of this program was to spread the knowledge regarding industrial engineering as a good career prospect.

Prof. Yogesh Deshpande (IES Faculty Incharge) gave the opening remark, followed by Dr. I.P Keswani (HOD) who briefed the students about the Industrial Engineering. Dr. V.S Deshpande enlightened the students and introduced all the faculty members. Dr. D.R Zanwar addressed the students about the scope of Industrial Engineering followed by Prof. M.R Jain. Vote of thanks was given by Mr. Sahil Tripathi (President, IES).



FORMAL INSTALLATION

A formal Installation was conducted on 22nd August under the banner of IES and EDC. Prof. Yogesh Deshpande (IES Faculty Incharge) and Prof. M.R Jain (EDC Faculty InCharge) introduced the new IES and EDC body. Mr. Sahil Tripathi (President IES) and Mr. Anurag Nashine (Secretary EDC) gave the introductory remark and also proposed various activities planned for session 2015-16.

The Chief Guest for the function was Mr. Ashish Kumar and Mr. Pawan Gauhkar. Mr. Ashish Kumar is been working with Platinum Education industry since last 8 years. Mr. Pawan Gauhkar is Practicing CA in the capacity of a partner at D.P. Sarda & Associates. Both the chief Guest guided us about being entrepreneur, motivated us to contribute to society and lead a successful life ahead.

Dr. D.R Zanwar presented all the respective post holders with their badges. Dr. V.S Deshpande launched the Branch LOGO and T-shirts. Mr. Pratyush Deshpande (Student- President, EDC) proposed the vote of thanks. A cultural night was organized the same day. All the students of 2nd, 3rd and Final year participated and enjoyed whole-heartedly.

- IES organized a guest lecture on Accounting Standards and Banking Regulations on 9th September 2015 for Final year students of the Department. The lecture was given by Miss. Roma Sinha of ICICI Bank, Nagpur where she spoke about ICICI Bank and the scope of banking.

- Prof. Priya Khandekar organized an expert lecture on "Application of Industrial Engineering Techniques" by Mr. Aishwarya Gurve, Deputy manager, Plant Engineering Department, Chakan, Pune on 21st September 2015 for third year students.



DEPARTMENT OF INFORMATION TECHNOLOGY

FACULTY CORNER

- Prof. C. B. Thaokar and Prof. N. A. Ansari attended Engineers' Day Program organized by Engineers Forum at Rani Kothi Nagpur on 16th September 2015. The Chief Guest of the function was Padma Vibhushan N. R. Narayanmurthi, ex. Chairman of Infosys Pvt. Ltd.
- Prof. N. A. Ansari attended a guest lecture on "Tactical Communications Networking System" at VNIT Nagpur on 30th September 2015. The speaker was Dr. Nirmala Shenoy from Rochester Institute of Technology, USA.

STUDENTS' ACCOMPLISHMENTS

- Naman Bajaj and Anurag Tomar, students of VII semester completed internship of two months and have developed a project on "logging and monitoring of Electric machines" under RGSTC-TIFAC-MSME scheme at Khosla Engineering Tools, Nagpur from 12th May 2015–12th July 2015.
- 92.4% of Final year IT students have got placed through campus drive till 30th September 2015. Students were placed in various reputed companies like Persistent, Infocepts, Mu-Sigma, Accenture, Infosys, Wipro, ITC Infotech, Tech Mahindra, Capgemini, Zoriant Solutions, Polaris and Nice Software Solutions.
- Karan Jaiswal, Shubham Authankar and Shreya Barahate, students of VII semester went through three months internship on HTML, CSS and PHP at Santosh Selokar Information Technology (SSIT) from 28th May 2015 to 28th August 2015.

CAPACITY BUILDING ACTIVITIES

- Prof. P. D. Adane visited Pune on 9th and 10th August 2015 for exploring the possibilities of collaboration with IT industries. He visited Marvell India Pvt. Ltd., Tieto Software Technologies Ltd., and Infosys Pvt. Ltd.
- A guest lecture was conducted on "Logic Development" for II year students on 11th July 2015. The speaker was Mr. Saurabh Bhisikar from Praxis Logica Pvt. Ltd.
- An aptitude test on C language was conducted for II year students on 11th July, 2015.



- A guest lecture was conducted on "Pointers in C Language" for II year students on 25th July, 2015. The speaker was Mr. Saurabh Bhisikar from Praxis Logica Pvt. Ltd.



- An online Aptitude Test on C language was conducted by Prof. Khushboo Jain for II year students on 25th July 2015.
- A guest lecture on "Basics of Dynamic Programming" was arranged for II year students on 1st August 2015. The speaker was Mr. Saurabh Bhisikar from Praxis Logica Pvt. Ltd.



- A Guest Lecture on "Project Development" was conducted for Final year students on 6th August 2015. The speaker was Mr. Terrence Caleb from Maersk Line Pvt. Ltd.



- Mr. Ranjan Ghate an alumni of the college of 1996 batch shared his experiences with Final year students of the Department on 14th August 2015.



- A guest lecture on "Preparation for Competitive Exams" was conducted by IMS Education for III year students on 19th September 2015.
- A Guest Lecture on "Preparation for CAT Exam" was conducted for III year students on 25th July 2015. The speaker was Mr. Avinash Naidu from Career Launcher, Nagpur.



- The Department conducted the mega event "COLOSSEUM-15" - A national level technical symposium, under Semicolon Tech Club (STC) of RCOEM on 11th, 12th and 13th September 2015.



- Techies, Junkyard Wars, Source Code, Mind Blogging, Paper Presentation and Minute to Win it, where the events conducted during the symposium.
- Student's society of the department was formed and a formal inauguration of installation was organized on 12th September 2015.



- A one day industrial visit was conducted for VII semester students at Maharashtra Remote Sensing Centre, Nagpur by Prof. M. A. Tayal and Prof. C. B. Thaokar on 1st August 2015.
- Technical and Aptitude Sessions were conducted for the students of Final Year of the Department by the faculty and Alumni of IT Department for placement.



DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY CORNER

- Prof. Y. M. Sonkhaskar's paper entitled, "Fabrication and Performance Analysis of a Biomass Cook Stove" was published in International Journal for Scientific Research & Development (IJSRD) Vol. 3, Issue 06, 2015 ISSN (online): 2321-0613, Page 440-445.
- Dr. G.R. Potey delivered expert lecture on "Rolling Plant Introduction, Heat Treatment processes, Machine shop practices, Fabrication Practices, Welding Machines, and CNC Technology" under the Multiskill Development Orientation Training Program at Hindalco Industries Limited, Mouda from 10th August to 26th September 2015 as per MOU between Hindalco Industries Limited and RCOEM, Nagpur.
- Dr.V.V.Shukla delivered an expert lecture on "Research Methods in Mechanical Engineering" at Anjuman College of Engineering and Technology, Nagpur on 17th September 2015.
- Dr. K.N.Agrawal delivered an expert lecture on the topic, "Heat Exchanger" under the Multiskill Development Orientation Training Program at Hindalco Industries Limited, Mouda on 28th August 2015.
- Dr.M.M.Gupta delivered an expert lecture on "Machine Design concept and practices" under the Multiskill Development Orientation Training Program at Hindalco Industries Limited, Mouda on 28th August 2015.
- Dr.V.V.Shukla delivered an expert lecture on "EOT Cranes & Handling of Coils" under the Multiskill Development Orientation Training Program at Hindalco Industries Limited, Mouda on 5th September 2015.
- Prof. N.P. Gudadhe delivered an expert lecture on "Grinders and Drill machines" under the Multiskill Development Orientation Training Program at Hindalco Industries Limited, Mouda on 4th September 2015.
- Prof. A.D.Urade delivered expert lectures on "Thickness measurements and Introduction to Automation" under the Multiskill Development Orientation Training Program at Hindalco Industries Limited, Mouda on 20th August and 11th September 2015.
- Prof. A.M. Andhare delivered expert lecture on "Energy Conservation" under the Multiskill Development Orientation Training Program at Hindalco Industries

Limited, Mouda on 10th September 2015.

- Prof. B.C. Bissa delivered expert lecture on "Clutches, Couplings & Brakes" under the Multiskill Development Orientation Training Program at Hindalco Industries Limited, Mouda on 7th September 2015.
- Prof. B.C. Bissa delivered expert lecture on "Clutches, Couplings & Brakes" under the Multiskill Development Orientation Training Program at Hindalco Industries Limited, Mouda on 7th September 2015.
- Prof. G.R. Nikhade delivered expert lectures on "Metallurgy & Alloy, Bearings Maintenance" under the Multiskill Development Orientation Training Program at Hindalco Industries Limited, Mouda on 14th & 27th August 2015.
- Prof.R.M.Waghmare delivered expert lectures on "Heat Treatment Processes" under the Multiskill Development Orientation Training Program at Hindalco Industries Limited, Mouda on 13th August & 19th September 2015.
- Prof.S.R.Kulkarni delivered expert lecture on "Quality Circle" under the Multiskill Development Orientation Training Program at Hindalco Industries Limited, Mouda on 24th August 2015.
- Prof.S.S.Deshmukh delivered expert lecture on "Introduction to Hydraulics" under the Multi-skill Development Orientation Training Program at Hindalco Industries Limited, Mouda on 3rd September 2015.
- Prof.Y.M.Sonkhaskar delivered expert lecture on "Understanding Drawing" under the Multi-skill Development Orientation Training Program at Hindalco Industries Limited, Mouda on 22nd August 2015.



STUDENTS' ACCOMPLISHMENTS

- In the campus recruitment drive, 53 Final year students of the Department have been placed. Students have received offer letters from ITC Infotech (10), Infosys (21), Wipro(13), Accenture(25),Tech Mahindra (3), Inautix (2), Capgemini (3), Nice Software Solutions (1). The drive will continue in the next quarter too.
- Kapil Agrawal, a student of 7th semester has launched his start-up venture "SWITCH-ON-Services", under the incubation cell of Entrepreneurship Development Cell of the College. He was felicitated in the installation ceremony of MECHASSO at the hands of the chief guest Mr. Ritesh Singhania, Managing Director of Manmohan Minerals and Chemicals Pvt. Ltd, Nagpur.
- Shubham Baranwal, student of 7th semester published a paper entitled "Thermal Barrier Coating System and Different Processes to apply them- A Review" in International Journal of Innovative Research in Science, Engineering and Technology, Volume 4, Issue 9, Septembers 2015 ISSN(Print):2319-8753, ISSN (online):2347-6710, with Impact Factor of 5.442.
- Anurima Choudhary and Anubhav Gupta of 5th semester have been selected in the dramatics team of RTM Nagpur university and will be performing at national level drama festivals. They were selected during the drama trials of RTM Nagpur University held on 23rd September 2015. Nikhil Chandra 7th Semester took part in the inter university Drama trials of RTM Nagpur University held on 23rd September 2015.
- Ankit Rathi, Mitesh Agrawal, Mrudul Khuley, Nikhil Jaiswal, Nikhil Chandrani and Abhishek Suke students of 7th Semester successfully completed two months internship at Nagpur Motors from 15th May to 15th July 2015, under the RGSTC-TIFAC-MSME sponsored industrial summer internship scheme.
- Nithish Chandra of 7th Semester performed in a play titled "The Usual Date" organized by Stagecraft Theaters, at the Chitnavis centre on 26th September 2015.
- Anubhav Gupta of 5th Semester performed in a play titled "The Interrogation" organized by Stagecraft Theaters, at the Chitnavis centre on 26th September 2015.

- Team IMPULSIFIERS of SAEINDIA RCOEM, collegiate club brought laurels to the College at the finals of SAEINDIA SUPRA'15 competition held at the Madras Motorsport Race Track, Irrungatukottai, Chennai on 16th - 20th July 2015. The Team was successful in clearing the technical inspection by R&D experts from major automobile companies and renowned names of the Indian racing fraternity. The car underwent rigorous static and dynamic tests, in which the experts evaluated the vehicle for its design, ergonomics, aesthetics, safety and handling. The team was applauded for its low cost design by the experts from various automobile companies. The students had a good learning experience during this event. The car was designed, analyzed and successfully fabricated by the students themselves in the College workshop.
- Team: Hrishikesh Sathe, Mandar Deshmukh(VII Sem ME), Akshay Kumar (VII sem Ind), Ankita Shiwal, Rashmi Dixit, Harshit Agrawal, Ishaan Tiwari, Omkar Brahmanekar, Prabhat Rajput, Pratik Shivhare, Ashish Jha, Faizan Khan, Akash Jain, Tirath Puni (V Sem ME), Manmohan Puni (V Sem Ind), Akash Singh, Harjot Singh Saluja, Sumit Naza (III Sem ME), Adnan Khan, Ankit Badukle (V semester Electrical), Ayush Mishra (III sem EN).
- Faculty Advisors: Prof. Roshan U Patil, Prof. Bhushan C Bissa (Department of Mechanical Engineering), Prof. Ganesh S. Sethiya, Prof. Sagar Naidu (Department of Industrial Engineering)
- Students under the banner of SAEINDIA RCOEM collegiate club, added another feather to their cap by clearing the virtual's of SAE BAJA '16, held at Chitkara University, Chandigarh from 10th - 11th July 2015, SAE INDIA BAJA'16 is an International competition in which the teams have to conceptualize, design, analyze, fabricate and test an ATV (all terrain vehicles). The team is ranked 49th amongst 400 teams across the nation, including teams from IIT's, NIT's and other renowned technical institutes. They are now eligible to fabricate an All-Terrain Vehicle that will be tested and evaluated at an International Platform. The main event will be held in the last week of February 2016 at NATRAX-(National Automobile Test Track, Pithampur near Indore, Madhya Pradesh.

- Team: Abhishek Mishra (Captain), Akshay Kumar Singh, Siddharth Singh, Digvijay Turkar, Shubham Pokle, Ritesh Yadav, Rupak Ghawghawe, Shubham Hardas, Sanket Gomekar, Saurabh Trivedi, Ishant Goyal, Akshay Rathi, Rajat Oksiya, Mayank Mohoni, Shyamlee Mishra, Laukik Nishane, Aditya Shahu, Ankesh Thakur, Rohan Dekate, Ruchika Kachwaha, Vedant Lohbare, Sarthak Vajpayee, Gajendra Munot, Parikshit Dumbhare, Shubham Barnwal.
- Faculty Advisors: Prof. Roshan U Patil, Prof. Bhushan C Bissa (Department of Mechanical Engineering), Prof. Ganesh S. Sethiya, Prof. Sagar Naidu (Department of Industrial Engineering)

CAPACITY BUILDING ACTIVITIES

- **"CREST 2015" (Campus Readiness and Employability Screening Test)**

Prof. S.R Kulkarni organized "CREST" (Campus Readiness and Employability Screening Test) in which mock interviews were conducted for Final year students on 9th September 2015 in the Industrial engineering seminar hall. Experts from industries conducted the technical and HR interviews and students were given feedback about their performance at the end of the activity. The following experts conducted the interviews and assessed the students, Ms. Anushka Karira (Counsellor and Ex. H.R Manager Global Logic), Mr. Prakash Chaoji (H.R consultant), Mr. Amol Pusadkar (Mahindra and Mahindra Nagpur), Mrs. Sonali Pathak, Shobha Bhagia Mr. A D Mohgaonkar (Ex. Senior Engineer MSEB), Mr. C S Deshpande (Ex Manager Morarjee Brembana), Mr. Vishwas Badkas (General Manager, Aerocom), Mr. Sanjay Kulkarni (Industrial Consultant) and Rajendra Khodaskar (Industrial Consultant).

- **Robotics Club**

Zonal level of "Escalade", competition of Techniche, IIT Guwahati was organised in mechanical engineering department on 11th of July 2015. The event was organized by Robotics club under the guidance of Prof. Ashish Urade and Prof. P.B. Shiwalkar. Mitesh Agrawal 7th semester, Harshvardhan Rai, Aditya Pathak 5th semester mechanical and Prateek Baheti 5th semester electronics participated in the competition. 19 teams from various colleges of central India participated in the competition.

INDUSTRIAL VISITS

- ◆ Industrial visit for III Students was organised to MSRTC Central Workshop, Miltech Industries, MIDC Industrial Area, Nagpur on 28th July 2015. Prof. R. M. Waghmare. Prof. G. S. Sethiya and Prof. R.S Dixit accompanied the students.
- ◆ Industrial visit for III Students was organised to Plasto Containers and Bajaj Steel, MIDC Industrial Area, Nagpur on 8th September 2015. Prof. R. M. Waghmare. Prof. N.P. Gudadhe and Prof. S.S Joshi accompanied the students.

INSTALLATION**MECHASSO**

The Installation ceremony "Impulse" of MECHASSO, students association of Mechanical Engineering dept. was organised on 21st and 22nd of August 2015. The Managing Director of Manmohan Minerals and Chemicals Pvt. Ltd, Mr. Ritesh Singhania was the chief guest of the function. Dr. K. N. Agrawal (HOD Mechanical), Dr.V.S.Deshpande, Dr. M.M.Gupta and Dr. D.R.Zanwar were also present. Mr.Ritesh Singhania shared his success story and motivated the students to go for entrepreneurship; he also shared some valuable do's and dont's out of his experience. Dr. K. N. Agrawal enlightened students about their duties as members of MECHASSO body and wished them for the future activities. The oath of office bearers was conducted by Mr. Mitesh Agrawal, President, MECHASSO. Mr. Nikhil Chandnani (Treasurer) presented the annual agenda of MECHASSO. Vote of thanks was proposed by Rohitraj Nair, Vice-President MECHASSO.

Few icebreaker events such as Mr. Impulse, a personality contest, Mechanical premier Leagues, the cricket fest of

mechanical engineering department, and few competitions were organized. Mr. Rajat Agrawal 3rd semester and Mr. Nitin Ramnani were winners of Mr. Impulse competition while Ashish Nashine and team were winners of MPL

• ISHRAE Student Chapter



The Installation ceremony ISHRAE (Indian Society of Heating Refrigeration and Air-Conditioning) Student Chapter, of mechanical engineering dept. of our college was organized on 9th September 2015. The installation ceremony was graced by Mr. Sanjay Tatwawadi (President ISHRAE, Nagpur Chapter), Mr. Sanjay Dongarwar (Secretary, ISHRAE, Nagpur Chapter), Dr. K. N. Agrawal (Head of the Department), and Mr. Nikhil Malpani, alumni of the Dept. On this occasion the new team of ISHARE student chapter was installed and badges were distributed to the office bearers. Mr. Mr. Sanjay Tatwawadi delivered a motivational lecture for the student gathering. 67 students of undergraduate and M.Tech program became the members of ISHRAE Student Chapter. Prof. A.M. Andhare, faculty in-charge of ISHRAE student chapter worked meticulously for making the event successful.

BEYOND ACADEMICS

• Impulse'15

The Annual Cultural night of MECHASSO (Mechanical Engineering Students Association), IMPULSE' 15 was organized on 22nd August 2015. The theme of the cultural night was "The Trap". The event saw various performances from the students of all three semesters. The evening began with Ganesh vandana, which was followed by various musical performances by the

student artists of the Department. Some soulful performances mesmerised the audience on one hand while the rock band made them grove to the beats of popular Bollywood numbers. Fashion show was organised on various themes, in which the students showcased their attitude and style. A unique fashion show on the themes "Supernatural Activities" and "The Garage" by the boys' hostel and second year students respectively was applauded by all. The cultural night was followed by dinner.

• Teachers' Day Celebrations



A special programme was arranged on the occasion of Teachers Day by the students of Mechanical Engineering Department, for all faculty members and non-teaching staff. It included enthralling musical performances by the students on soulful songs which mesmerized the audience. An entertaining bollywood quiz was conducted which checked the film quotient of the gathering. Dr. K. N. Agrawal addressed the gathering and spoke on the importance of teachers in one's life, and applauded the students for a very well organized event. The function concluded by cake cutting and was followed by refreshment for the staff members where the teachers sang songs, shared some lighter moments and insight's which made the day livelier and memorable. To add to the memorable day the students organized a cricket match between the faculty members of Mechanical and Industrial department in which the teachers demonstrated their skills on the field. In a nail-biting finish the team of mechanical department defeated the industrial department team by 6 runs.



DEPARTMENT OF CHEMISTRY

- Dr. A.V. Bharati 's paper entitled "PM1 and Polycyclic aromatic hydrocarbons in heavy traffic site" was published in Journal of Advances in Science and Technology, Vol 14 (2), ISSN No.0971-9563.
- Dr. C.P. Pandhurnekar's paper entitled "Kinetics study on the Adsorption of Ni²⁺ ions onto Fly Ash" was published in Journal of Chemical Technology and Metallurgy, 50, 5, 2015,601-605.



DEPARTMENT OF HUMANITIES

- Dr. V.H .Asudani was invited to deliver a guest lecture on "Motivation and Effective Teaching Methods" by Cummins College of Engineering for Women, Nagpur on 21st July 2015.
- Dr. V.H .Asudani was invited to Participate in Nation Level Poet's meet organized by Sindhu, a cultural and literally organization at Bhopal on 22nd July 2015.
- Dr. V.H .Asudani was invited for the poetry recital in the prestigious program of Sahital Akademi "kaviya Sandhi" held at Raipur on 23rd August 2015.
- Dr. V.H .Asudani was invited to deliver a guest lecture on "Business Promotion" by Vidarbha Merchants Urban Co-op. Bank Ltd. Hinganghat Dist: Wardha on 30th August 2015.
- Dr. V.H .Asudani's English translation of the Sindhi story book by Vasudev Mohi entitled "That one moment" was published in kindle edition by KDP Amazon in August 2015.
- Dr. V.H .Asudani's book of English short stories entitled "Silent Lips" was published in kindle edition By KDP Amazon on 5th September 2015.
- Dr. V.H. Asudani and Dr. Monika Seth jointly published

the text book entitled "Social and Human Skills". The book was published by Astha Publications Nagpur bearing ISBN 978-81-931045-5-2.

- Dr. V.H. Asudani presented a research paper entitled "Dramatics : Means of promotion of Sindhi language" in two day Nation seminar on drama organized by The National Council for the promotion of Sindhi Language New Delhi in collaboration with Sanskrit Manch Bharatiya Sindhu Sabha, Nagpur on 6th and 7th September 2015.
- Dr. V.H.Asudani for his contribution to the field of Disable welfare has been nominated as a member on District Disabled consultative committee by Social Welfare and personal empowerment Ministry Government of Maharashtra.
- Dr. V.H. Asudani was conferred with prestigious: "The Best Teacher" writer Award by RTM Nagpur University on the occasion of teachers' day on 5th September 2015 for his contribution to the field of literature. He received the award at the hands of State Energy Minister Shri Chandshekhkar Banwankule in the presence of the Vice Chancellor Dr. Vinayak Kane of RTM Nagpur University.

BEYOND ACADEMICS



Ramdeobaba College Engineers for Environment Forum

The environment club of the College (hosted by Department of Humanities, Mentor Faculty-Dr. Deepshikha Mehra) carried out the following activities in the quarter:

• Global Tiger's Day on 29th July 2015



An inter-school research and presentation competition named "How Green is Your Campus" was organized by REEF in which 6 schools had participated on Global Tiger's Day, 29th July. Bharti Krishna Vidya Vihar (B.K.V.V.), Centre Point School, Dhaba (C.P.S.), Mount Carmel, Bhavans (Ashti), R.S. Mundle and T.B.R.A.N's Mundle participated in the competition



The competition was judged by Mr. Vinit Arora and Dr. Deepshikha Mehra (Mentor Faculty, REEF). The event was also graced by Principal of RCOEM, Dr. R.S. Pande, Dean Second Shift Dr. S.D. Mohgaonkar and HOD of Humanities, Dr. V.H. Asudani. Mt. Carmel and C.P.S. (Dhaba) secured 1st and 2nd positions, respectively. The competition consisted of three segments such as "Know Your Campus", "Tiger's Tale", and "THE GREEN IDEA".



As part of the week long activities for GTD, REEF conducted:

- Nature trails for school students on 18th and 19th July in association with BNHS (Bombay Natural History Society) at Raj Bhavan. 5 schools participated - Mt.

Carmel and Bhavans Ashti on 18th July and R.S. Mundle, C.P.S (Dhaba), BKWV on 19th July. Mr. Sanjay Karkare was the guide for both the trails. Birds, trees, butterflies and various aspects of nature were observed and discussed.

- A radio jingle, which was composed by the music club of RCOEM, was aired on 94.3 My FM and a message regarding tiger conservation was given by REEFians.
- Newspapers like Hitavada, City Line, Lokmat, TOI etc. also publicized the event.
- On 30th July, REEF also organized a signature-cum-message campaign in college campus for students and faculties to pen down their thoughts on our national pride-TIGERS.

REEF's Annual General Meeting (AGM) was held on 19th August 2015. The domain heads explained their plans for the upcoming activities.

• Recruitment Drive



Recruitment drive was held on 21st and 22nd August (1st phase) and 28th August (2nd phase) for the students of 1st, 2nd and 3rd year of all branches. REEF received 239 entries for the drive, out of which only 51 were selected.

• Orientation Session



An orientation session was held in Gorewada for the recruited students, for them to know more about REEF. A Birding Trip was organized which was meant for new members (known as REEFlings) to get the exposure of field trips and experience of birding. REEFlings were divided into 6 groups with REEFians guiding them.

SOCIAL OUTREACH : In this domain of REEF various activities were undertaken. These were :

- Posters and templates on Ozone Day, Zero Emissions Day, International Culture Awareness Day, World Environment Health Day, Ganesh Chaturthi, etc. were made and published on social networking sites as well as in college campus.
- On 22nd September 2015 (Car Free Day) faculty members were urged to not use cars. This activity was initiated by the new REEF members. This influenced many staff members to avoid cars for one day.

HERBARIUM : In this domain of REEF various activities were undertaken. These were:

- Meeting of herbarium focused on introducing the domain, and the work done in past months to the REEFlings.
- Mapping of trees in the college campus was done on 25th September 2015.
- Meeting with Ugemughe Sir was held on 28th September to discuss about the further activities of the domain.

BALGRAM : In this domain of REEF various activities were undertaken. These were:



- A new session for the Balgram kids began, where various meetings were held to introduce the domain. REEFlings and REEFians who were going to teach the students of Balsadan were introduced to the teaching timetable.
- Children were introduced to **computers**.
- Various fun activities were organised every Saturday to encourage and motivate children. On account of World Environment Health Day, students were taught about the primary first aid techniques and importance of a healthy life.

ARTICLE WRITING : In this domain of REEF various activities were undertaken. These were:

- First meeting of the Article domain was held on 5th September 2015 which focused primarily on introduction to 'TRELLO'.
- 'Word of the day' was discussed daily on WhatsApp group.
- One liners were being made for Ganesh Chaturthi and collaborated with Social outreach to make templates regarding the same.

BIRDING : In this domain of REEF various activities were undertaken. These were:

- Trips were organised to Gorewada Biodiversity Park on 6th, 13th, 20th and 27th September, 2015 where more than 40 species were spotted in each trip.
- Birds like **Cinnamon Bittern, Drongo Cuckoo, Black Bittern, and Painted Francolin** were spotted. **BayaWeaver** was also observed, weaving its nest.
- On 30th September, a trip was taken to Ambazari backwaters. More than 45 species were spotted and **Indian Nightjar** was the main attraction of the trip.

READERS' REVERIE LITERARY CLUB

Readers' Reverie Literary Club under the guidance of its mentor faculty Dr. V.H.Asudani and its coordinators Dr. Monika R. Seth, Prof. Mouli Chowdhury and Prof. Pratishruti S Singh has been consistently working for the promotion of cultural and literary skills of the students. The following students represented our college and won accolades in various literary events across the city:

- o Utkarsh Rathi, IND, 5th Semester won 1st prize in Udaan, Dr. APJ Abdul Kalam memorial Oratory Competition organized by Tarun Bharat on 5/9/2015.
- o Sneha Bharvesh, EN, 7th Semester and Utkarsh Rathi, IND, 5th Semester won 1st and 2nd positions respectively at the 'Orator of the Town' competition organized by JCI, Orange City, held on 6/9/2015 at Hotel LB, Sadar, Nagpur.
- o Sneha Bharvesh, EN, 7th Semester, won 3rd position in a national level debate competition organized by GH Raison School of Law. Ath Tiwari, Mech, 4th Semester, Utkarsh rathi, IND, 5th Semester and Ishan Bhojak, EC, 5th Semester had qualified for the final rounds for the same competition.
- o The team of Utkarsh Rathi, IND, 5th Semester and Ishan Bhojak, EC, 5th Semester won the Winners' trophy at the Madhur Dahake Memorial Inter-Collegiate Debate Competition organized by Dharampeth Science College, Nagpur on 29/9/2014.
- o Yamini Bhatkulkar and Saket Katkar students of EN, 5th Semester won best speakers at an elocution competition organized by KDK College of Engineering, Nagpur.

DRAMA CLUB

- o The Drama Club, under the mentorship of Faculty In charge, Pratishruti S Singh successfully staged a play at the Independence Day function on 15/8/2015 at the college premise. The play was a tribute paid to Late President of India, Dr APJ Abdul Kalam.
- o Anurima Chakraborty and Anubhav Gupta, students of IND, 5th Semester brought laurels to the college by getting selected by Nagpur University in the University Cultural trials, 'Indradhanushya' held from 21/9/2015 to 23/9/2015. They have been selected as the team

members of the University Cultural Team that will be performing at the Inter-University youth fests at the national, zonal and state levels, organized by the All India Universities Association.

- o Drama Club members Nitish Chandra, Neelabh Trivedi, Anubhav Gupta, Saurabh Hardas and Mustafa Neemachwala gave sterling performance and won the hearts of the audience in a compilation of short plays staged by the critically acclaimed English theatre group, Stagecraft on 25/9/2015 at Chitnavis Centre, Nagpur.

DEPARTMENT OF MATHEMATICS

- Dr. S. D. Mohgaonkar delivered a guest lecture on topic "Laplace Transform" at PIET, Nagpur on 27 July 2015.
- Prof. M. S. Patne attended Short term training program on "Multinational role of applied sciences in National development", at YCCE, Nagpur, held from 13th to 17th July 2015.
- Prof. R. G. Ghumde attended Short term training program on "Modelling, computing, simulation in science and engineering", organized by Department of Mathematics, VNIT, Nagpur, held from 6th to 10th July 2015.
- Prof. P. A. Saoji attended Short term training program on "Multinational role of applied sciences in National development", at YCCE, Nagpur, held from 13th to 17th July 2015.
- Prof. P. O. Bagde attended Short term training program on "Modelling, computing, simulation in science and engineering", organized by Department of Mathematics, VNIT, Nagpur, held from 6th to 10th July 2015.

DEPARTMENT OF PHYSICAL EDUCATION

FACULTY CORNER:

- Dr. S Dogra's paper entitled "Comparative Study of Motor Fitness Components Between Handball and Basketball Players" was published in Online International Interdisciplinary Research Journal on 1st Sept 2015.

STUDENTS' ACCOMPLISHMENTS

- College Swimming team(G&B) secured 3rd position in R.T.M Nagpur University tournament from 14th to 16th Sept 2015 at Jyotiba College of Physical Education, Hingana.
- Basketball Boys team were champions in R.T.M Nagpur University Basketball tournament from 25th to 27th Sept 2015 at University court.
- Basketball Girls team scored 2nd position in R.T.M Nagpur University tournament from 28th to 30th Sept 2015 at University court.
- Chess B&G won championship Trophy in R.T.M Nagpur University tournament from 18th to 21st Sept 2015 at

Anjuman College, Sadar.

- Lawn Tennis boys team secured 2nd position in R.T.M Nagpur University tournament from 22nd to 23rd Sept 2015 at S.B Jain College, Nagpur.
- College Badminton boys were 2nd Runner up (Third place) in RTMNU Badminton INTERCOLLEGIATE Tournament.

BEYOND ACADEMICS

Intra-Mural activities: the Physical Education department organizes inter-branch tournaments known as Sports Cup.



Final Position of Inter- Branch Tournaments conducted from July to Sept

Sr.n	Games	Place					
		MEN			WOMEN		
		Winner	Runner-Up	III Place	Winner	Runner-up	III Place
1.	Chess	IND	EP	EN	EN	EC	EP
2.	Table Tennis	EN	IND	CS	CS	EN	EC
3.	Badminton	CIV	EN	MECH	EN	EC	CS
4.	Tag-Rugby	CS	EN	IND	-	-	-
5.	Volleyball	EP	CIV	IND	-	-	-
6.	Basketball	-	-	-	IND	CS	EC
7.	Throw ball	-	-	-	EN	CIV	IT



DEPARTMENT OF MANAGEMENT TECHNOLOGY

FACULTY CORNER

- Dr. Neeta V. Shah was invited to deliver Keynote address on 'Emotional Intelligence-The tool of Women Empowerment in Technical Era' at National Interdisciplinary Conference - Sponsored by UGC on 'Significance of Language and Social Science in the Age of Information Technology', organized by Sevalal Mahila Mahavidyalya, Nagpur.
- Dr. Rajiv B. Khaire has designed the Scheme and Syllabus of Diploma in Operations Management for the employees of Mahindra & Mahindra -Nagpur Plant. Diploma will be awarded by Yashwantrao Chavan Maharashtra Open University -Nasik

STUDENTS' ACCOMPLISHMENTS

Badminton Champion of DMT



Vaishnavi Anand from the MAM programme brought laurels to the College. She participated in the badminton championship tournament at Gwalior, with her team. They played their way to the top, winning the West Zonal inter University Badminton (Women) championship 2015-16 LNIPE, Gwalior against Veer Narmad South Gujarat University, Gujarat. They also bagged an impressive 3rd position in Inter-Zonal Inter-University Badminton (Women) championship 2015-16 LNIPE, Gwalior against Osmania University, A.P.



CAPACITY BUILDING ACTIVITIES:

MAM Forum-MAMReC Installed and Nureka Inaugurated

Shri Ramdeobaba College of Engineering and Management (RCOEM), DMT – MAM Program organized the installation ceremony of its Students' Body – MAMReC (MAM Representative Committee) on 21st August 2015. The dignitaries from the industry were Mr. Subhjit Dutta, Area Manager, L&T and Mr. Mridul Chakravorty, HRD, TCS. The General Secretary RCOEM, Shri Govindlal Agarwal also graced the occasion with his presence. Dr. Neeta V. Shah, Head DMT, addressed the audience. The President of MAMReC, Mr. Jayesh Goyal informed the audience about NUREKA 2015, the 3 day event. This ceremony was also the inauguration of

NUREKA. Mr. Dutta addressed the audience and propagated self-reliance in India. He emphasized on innovation as a means for a person to become a game changer and game maker by innovating. The other guest for the day, Mr. Chakravorty approached the audience with renewed opinions. He talked about a speech delivered by Tim Minchin and how he felt inspired by the famed, comedian's discourse. He spoke about the dreams and aspirations of people and how one shouldn't dream big but should instead have smaller achievable goals. He even said that one must always be grateful for what one has, since the reason for us being well endowed and blessed is just our luck and nothing else. After these the General Secretary addressed the crowd. "The joy of spreading happiness provides

contentment to all involved” was the most important message delivered by him. Dr. Rajiv Khaire (Coordinator MAM) and CA Prashant Chhajer (Faculty In charge- MAM Forum) were also present on the dais.

NUREKA 2015 included a varied range of eight competitions spread over three days and its theme was Indian states. Thus, each competition had been assigned name in accordance to the Indian state on the basis of certain specific characteristics of the game. The first competition was RannUtsav, a marketing game where everyone had to apply their creativity and make products with certain auctioned raw materials. The second day included all of six competitions, beginning with Kalakari Darshavo, a creative, practical competition with puzzles, Pictionary and story-building. Then was Maukhik, a literary, verbal, word related competition. Conducted simultaneously was Matsaram, a General Knowledge Quiz and Chak De!, a fun, physical game including running, movement and related tasks. After lunch was Rahasyamay, a mental cum practical competition and Anukaran, a game connected to Bollywood and imitation. There was a treasure hunt called India-Darshan across India with each successive clue leading you to another state. The participation received was quite overwhelming with more than 400 students belonging to the Junior Colleges and Undergraduate Programs of Nagpur, students participated in this mega event. NUREKA concluded with the cultural program on 23rd evening. There were dance

performances of diverse Indian festivals, singing recitals and two fashion shows. Prof. Q.H. Jeevaji attended the cultural event, Principal Dr. R. S. Pande encouraged the students to boost their performances.

MBA Forum Installation “eMBArk 2015”

The Department organized the installation ceremony of MBA students Forum 'eMBArk' on 4th September 2015. The Chief Guest was Mr. Mukul Dixit (President & Site Head, Indorama Synthetics (I) Ltd.). The function started with the lighting of the lamp. The inaugural address and DMT students' forum installation was by Chief Guest & HOD. The Chief Guest enlightened the students by giving them insights of the industry expectations from students and also emphasized on the importance of vision and visualization, attitude, strength, presence of shock absorbance and energy level in students bringing into light a simpler 'VASE' concept and to remember vase is empty without flowers and hence students should work towards communication, practical knowledge as essentials. The presidential address was delivered by Dr. Neeta V. Shah. A 16 member body was installed with Varun Dubey as President. The vote of thanks was proposed by Varun Dubey (President DMT Forum). The Faculty In-charge DMT Forum Dr. Gayathri Band, Faculty In-charge of Forum Dr. Ruchi Sao, Prof. Kanak Wadhvani, Prof. Pritam Bhadade and other faculty members graced the occasion. The programme was conducted by Udit Gangwani and Ankita Poogolia.

DEPARTMENT OF COMPUTER APPLICATIONS

FACULTY CORNER

- Prof. Sachin Upadhye was awarded Ph. D for thesis “Design and Development of Optimized Mathematical Tool and Algorithmic Aspect for Software Agent Security Using Operation Research Techniques” under the supervision of Dr. P. G. Khot, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in the Convocation held on 29th August 2015.
- Prof. Satyajit S. Uparkar has successfully completed Certificate Program in “Engineering Excellence in Big Data Analytics and Optimization”, organized by

International School of Engineering, Hyderabad, from 14th Feb. to 2nd Aug. 2015.

- Prof. Kaushik Roy reviewed a paper entitled “Dynamic Arm Gesture Recognition Using Spherical Angle Features and Hidden Markov Models”, on 11th September 2015 for Journal Advances in Human-Computer Interaction, Hindawy publishing corporation.

STUDENT ACCOMPLISHMENTS

- Kewal Snehaj Singh, First Year Shift I Student, has won the first prize in Intercollegiate level Chess Tournament at RTMNU organized by Anjuman college of Engineering,

held on 18th, 19th, 20th and 21st September 2015.

CAPACITY BUILDING ACTIVITY

- A guest lecture on “Career opportunities in IT Industries” was organized for the students of First and Second Year Shift I and II, by Mr. Saurabh Bhishikar, C.E.O., Praxis Logica software Institute, Nagpur on 1st August 2015 under the co-ordination of Prof. A. Thakare, Prof. M. Vairalkar, Prof. A. Nachankar and Prof. G. Keswani.
- A guest lecture on “C and Data Structures” was organized for the students of Third Year Shift I and II, by Mr. Saurabh Bhishikar, C.E.O., Praxis Logica software Institute, Nagpur on 23rd August, 2015 under the co-

ordination of Prof. A. Thakare, Prof. M. Vairalkar, Prof. A. Nachankar and Prof. G. Keswani.

TRAINING & PLACEMENT DEPARTMENT

Campus placement drive

- Placement season started from 17th August 2015 and nearly 80 percent students were placed in this quarter.
- Around 15 companies visited during the period and selected 700 plus students.
- The College had the highest number of placements in Maharashtra for 2016 batch with three top MNCs day 1 companies for the first time.
- Four students were placed in Barclays with a package of 8 LPA
- Nineteen students were placed in MuSigma with a package of 8 LPA (recently announced)
- Seven students were placed in Oracle Financial Services with a package of 4.8 LPA
- Large number of M. Tech students also got placed in various companies
- Campus interview by Indian Navy was hosted for the first time in the college on 25th and 26th September 2015.

Campus Recruitment for 2016 Batch (Jul-Sept 2016)

Persistent Project Selection	IT	14
Infocepts	IT	13
Mu-Sigma	CORE	19
Oracle Finance Service Software	CORE	11
ITC Infotech Project Selection	CORE	25
Barclays	CORE	4
Soctronics	CORE	5
Wipro (total offer 228)	IT	31
Infosys (total offer 302)	IT	119
Accenture (total offer 413)	IT	377
Capgemini	IT	30
Inautix	IT	39
Tech Mahindra	IT	42
Infostretch	IT	1



New Initiatives

- 10 aptitude tests were conducted with the help of each department for preparing the students for campus interviews.
- Dean T&P conducted orientation sessions in each department for guiding the students.
- The Dept has identified top students from each department to be groomed further for placement in high package companies.
- Orientation session by Mr. Gaurav Sharma from Infosys was organised to prepare the students for the campus interviews which was attended by more than 500 students.

**BEYOND ACADEMICS****IEEE ASSOCIATION****• ROBOTICS WORKSHOP**

The IEEE-RCOEM student branch conducted a Robotics workshop on the 5th and 6th of September 2015. Various teams got an opportunity to not only understand the theoretical concepts of Robotics but could actually implement them using a kit provided to every team. The workshop started with an introduction to Robotics explaining the current trends and the research areas that are currently being explored. This helped all teams to really understand what was going to happen over the next two days. The teams then started with the actual activity where in they learnt the nuances of Robotics using the kit provided to them. Over a course of two days all students interested in Robotics were exposed to it starting from the basics such as sensors and microcontrollers and going right up to the final assembly of a robotic kit. This was followed by a competition amongst the participants.

Visit by TCS

- Top brass of TCS Nagpur and Mumbai Mr. Alok Kumar, Vice President and DCH, TCS Nagpur and Mr. Arvind Kumar, (Dy) Center Head, Nagpur visited the college and interacted with the Management, Principal and Faculty on 5th Aug 2015 to pave the way for future collaborative activities.

Visit to the Companies

- A visit to Pune by Dr. Ms. Pallavi Parlewar Dean R & D and Prof. Ms. Padma Adane, Sr faculty from IT department was organized on 9th and 10th July 2015 in association with T&P Department to have interaction with idea Cellular, Marvell and other organizations.

*Robotics workshop***STUDENT AWARENESS PROGRAM**

Two teams of our college have been participated in the student awareness program which was organized by IEEE PUNE section and IEEE student Branch PVG's College of Engineering and Technology, Pune on 23rd September 2015 especially for students of Engineering and Science colleges. In this competition both the teams from our college performed exceedingly well securing the **First and Second position**. The first winner team members were Omkar Kekre, Madhulika Dolke, Shivani Kshatriya and Saiesh Kumar Jain and the second winner team members are Gauri Pande, Sayali Bodhankar, Prajakta Dharme and Ankit Mahant. This program was organized to create awareness about development and

inventions in technologies among students studying in schools in rural and urban area. Under this contest, group of 2 to 4 students from Engineering and Science College had to give presentation to students of 8th to 10th in two schools located in urban area and two in rural area.

The above task started in the month of June and on completion, feedback forms duly filled and signed by the Head Master/Principal of the school were submitted to IEEE Branch Counsellor of the college. The sealed feedback along with a hard copy of the report containing presentation material, presentation, and a summary of question and answers was submitted as an entry to the final competition. In an internal competition on 1st September 2015 two best groups was selected for final presentation at Pune. The judges for internal competition were Dr. G. G. Sahasrabudhe and Dr. (Mrs.) P. S. Voditel.

**ALUMNI ASSOCIATION****• Counseling Session regarding admission procedure**

The Alumni Association of College organized a counseling session for admission of First Year B.E., Second Year B.E., M.B.A. & M.C.A. in RCOEM Auditorium, RCOEM Campus, Katol Road, Nagpur 440013. Dr. T. Singh, Dean (Admissions), explained the complete process of Engineering admissions. Prof. Anupam Kher, Dean (Training and Placement) and Professor In charge Alumni Relations, threw light on placements in RCOEM. Prof. Mridula Korde, Secretary, Alumni Association RCOEM, compered 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. Rashmi Shahu, Mr. Ajay Sanghi, esteemed alumni of RCOEM were the prominently present.

**• Visit of RCOEM Alumni Mr. Ranjan Ghate**

RCOEM Alumni of Mining Engineering (Batch 1996), Mr. Ranjan Ghate, President at Shree Consulting Services LLC, USA visited RCOEM campus on 14th August 2015. Ranjan has initiated North America Chapter of RCOEM Alumni Association and a key person in Alumni activities. Dr. R.S. Pande, Principal, RCOEM, felicitated Mr. Ranjan Ghate with a memento and had fruitful and memorable interaction with him. Mr. Tushar Marghade, President, RCOEM Alumni Association, Mrs. Mridula Korde, Professor In charge, Secretary, Alumni Association RCOEM were present during interaction.

Mr. Ranjan Ghate also interacted with students of IT and Civil Engineering Department, RCOEM. He gave them necessary inputs for being a successful entrepreneur. He interacted with faculty of Civil Engineering.



• Visits of RCOEM Alumni

RCOEM Alumni of EDT Engineering (Batch 1993), Mr. Arun Agrawal, Owner, Supreme Inductions, Pune visited RCOEM campus on 25th July 2015. He interacted with faculties of EDT Engineering.



RCOEM Alumni of RCOEM Alumni of Mr. Sachin Tare, Deputy General Manager, Mahindra & Mahindra, Nagpur visited RCOEM campus on 1st August 2015. He interacted with students of Industrial Engineering.



RCOEM Alumni of Mining Engineering (Batch 2000), Padmakar Murodiya General Manager, International Projects, Abhijeet Group, Nagpur, visited RCOEM campus on 26th August 2015. He interacted with faculties of Civil Engineering.

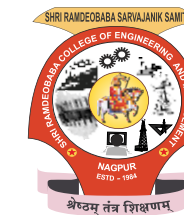
Ms. Rupali Lunani, of EDT Engineering (Batch 2001) visited RCOEM campus. Rupali Lunani has served in various Engineering leadership positions over the last 15 years and has influenced multiple aspects of product engineering at companies like Ford, Motorola, GETRAG, Fisker Automotive and most recently at General Dynamics. Rupali has taken mentorship of EDT students of RCOEM. She interacted with the students of EDT Engineering by video conference. Mrs.R.R.Harkare and faculties of EDT were present during interaction



Dr. R.S. Pande, Principal, RCOEM, felicitated all with a memento and had fruitful and memorable interaction with alumni. Mr. Tushar Marghade, President, RCOEM Alumni Association, Mrs. Mridula Korde, Professor In charge, Secretary, Alumni Association RCOEM were present during interaction.

TEMPLE NEWS

SNO	PARTICULARS	DATE	DETAILS
1	Baba ki Duj	17.7.15	Maha arti and churma prasad distributed
2	Dasmi	26.7.15	Maha arti and prasad distributed
3	Visit	28.7.15	Bramhastha Nandji Maharaj
4	Baba ki Duj	16.8.15	Jamm Jagran by Bhardwaj & Party, Mahaprasad and Arti
5	Dasmi	25.8.15	Arti and Prasad
6	Janmashmi	5.9.15	Celebrated with Garba
7	Bhadwa Mela, Baba ki badi Duj	15.9.15	1. Welcome of Dwaja 2. Welcome of Meera Sant Alka Shriji by honorable Shri. Banwarilal Purohit followed by Maha Arti & Prasad
8	Baba ki Badhai	16.9.15	Maha Arti and Prasad by Shyam ke Diwane Rajnandgaon
9	Ganesh Utsav	17.9.15	Sthapana, Puja and Arti by College students
10	Other Programs	18.9.15 to 23.9.15	1. Ramdev Kirtan 2. Musical Sunderkhand 3. Jamma Jagran 4. Jankiji ke Path 5. Rani Sati Bhajan Sandhya 6. Musical Geet 7. Prasadi
11	Every Saturday		Sunderkhand



NEWSLETTER TEAM

EDITOR AND COORDINATOR
Dr. (Ms.) Deepshikha Mehra,
Dept of Humanities

NEWSLETTER DESIGNING & PRINTING
M/s Print Tech, Nagpur

COMPILER AND COORDINATOR
Dr. (Ms.) Gayathri Band,
Dept of Management Technology

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