

PIMPRI CHINCHWAD EDUCATION TRUST'S

A Time Trusted Brand in Education Since 1990..



**PIMPRI CHINCHWAD COLLEGE OF ENGINEERING**

'An ISO 9001:2008 Certified Institute'



Permanently Affiliated to Savitribai Phule Pune University and Approved by AICTE, New Delhi

VOLUME XIII

THE PCCoE PUBLICATION

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# NEWSWIRE

**COMPUTER**  
**INFORMATION TECHNOLOGY**

**MCA**

**MECHANICAL**

**ENGINEERING**

**ELECTRONICS & TELECOMMUNICATION**

**FIRST YEAR**

**MBA**

**CIVIL**

*Knowledge  
Brings  
Freedom...*

## OUR INSPIRATION

Late Shri Shankarrao Bajirao Patil, a well known Social Leader, Ex-Minister of Maharashtra State for Co-operation and Ex-Parliamentarian, came from a well to do agricultural family. He had a vision of establishing a Technical Institute for the needs of the people at large and people from Pimpri Chinchwad Industrial area in particular. These suburbs being the largest Industrial area in Asia needed enormous technically skilled manpower. With the objectives of fulfilling public and industrial needs, he invited reputed citizens from this region to participate in this Local and National endeavour and established Pimpri Chinchwad Education Trust.

All institutes under PCET are committed to provide quality and excellence in the field of Engineering and Management education and trying to make his vision more visible with their honest efforts and greatest devotion.

We salute and pay tributes to him and his unmatched qualities!

- Trustees, Principal, Staff and Students.



**Late Shri S. B. Patil**  
Founder Chairman  
Pimpri Chinchwad Education Trust

## BOARD OF TRUSTEES

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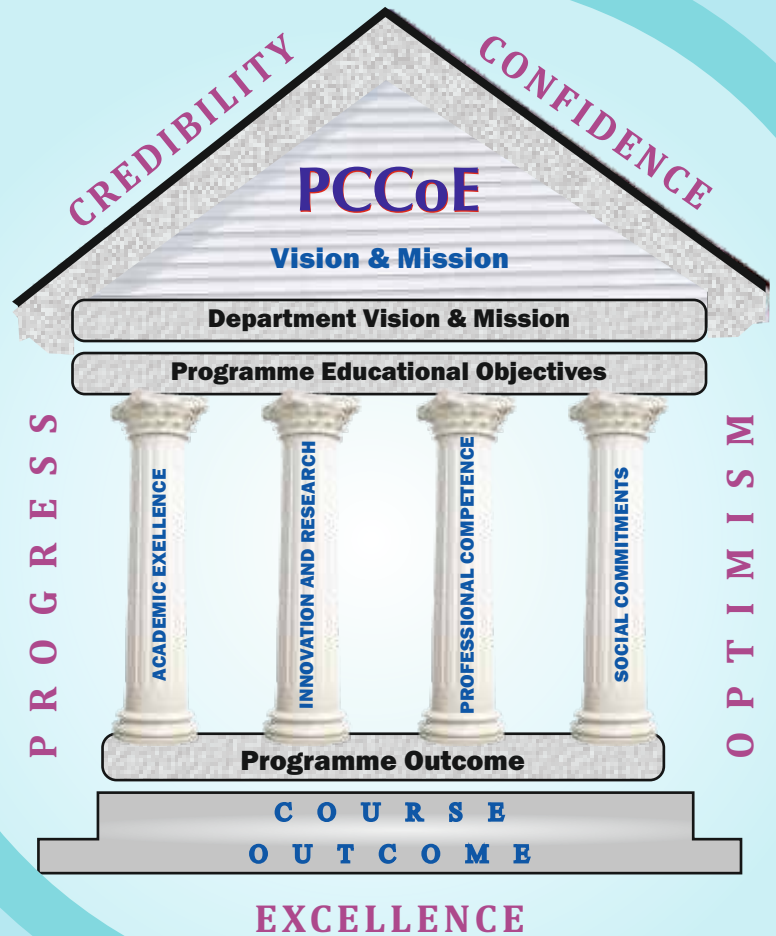
# PIMPRI CHINCHWAD EDUCATION TRUST'S PIMPRI CHINCHWAD COLLEGE OF ENGINEERING

## Our Vision

To serve the Society, Industry and all Stakeholders through Value Added Quality Education.

## Our Mission

To serve the needs of the society at large by establishing State-of-the-art Engineering, Management and Research institute and impart Attitude, Knowledge and Skills through Quality Education to develop individual and teams with ability to think and analyze right values and self reliance.



## Our Four Pillars Philosophy

1. Academic Excellence
2. Innovation and Research
3. Professional Competence
4. Social Commitment

Institute objectively looks at these four pillars for overall development of students and is constantly engaged in planning, organizing, implementing and assessing various practices through different cells to meet the vision of institute.



## *Principal's Message*

### ***Greetings and Welcome, Wish you all a Happy New Year***

It gives me great pleasure to introduce this latest issue of Newswire. It's an exciting time to begin this New Year. This year is special for all of us as Pimpri Chinchwad Education Trust is celebrating its Silver Jubilee and reminds us of all our accomplishments, achievements and milestones in this journey of 25 years.

Globalization is today's reality and the technocrats of this generation need to grow in new dimensions to seamlessly fit into the global fabric of work and technology. The Engineering education needs to be redefined to meet the new challenges posed by globalization. PCCoE is one of the leading Institutes in and around Pune which has rightly sensed this need of the hour and has taken a leap forward in imparting Value based Quality Technical Education.

In this pursuit of achieving global standards of excellence in all endeavours, PCCoE has evolved four pillars philosophy that focuses on Academic Excellence, Innovation & Research, Professional Competence and Social Commitment with an aim to empower students with all the attributes that today's highly competitive global industrial market is looking for among budding engineers.

To take up the challenges firmly, PCCoE intends to align its academic, research and allied education process with the standards advocated by National Board of Accreditation which in turn are in line with international standards and operates on Outcome Based Education philosophy. Programme Educational Objectives (PEO) for our engineering programmes are defined taking into consideration all our stakeholders, their valuable inputs and feedbacks and are very much in accordance with our four pillar philosophy, institute vision and mission.

We, at PCCoE, are constantly making endeavours to ensure that our students scale new heights by developing synergy between academic knowledge, technical skills set and personality traits in line with industry needs, high moral values and sensitivity to the environment, society and the nation at large. We are committed to ascertain that our graduates satisfy all these attributes and thus all our programmes have defined their Programme Outcomes (PO) which strongly maps with the expected graduate attributes through very well planned, designed and executed direct and indirect assessment activities, events and course delivery methods.

All students are an intricate combination of both strengths and areas for improvement. Understanding, assessing and evaluating these elements is the key to discovering and fulfilling their potential. Thus at PCCoE, the Programme Educational Objectives and Outcomes are not only defined and mapped but are quantified through a well defined process and through a proper channel of authorities.

All courses in each programme have a defined set of Course Outcomes which are assessed through direct and indirect methods. The direct method involves continuous assessment through various internal and external examinations well imbibed in our strong academic process that includes rigorous evaluation of breadth and depth knowledge of students and well supported with our innovative teaching practices, excellent faculty and state of the art infrastructural facilities.

Though, we have a stringent teaching learning process, the rigorous academic activities are never a hurdle in the way of students to make achievements in other arenas. Students are encouraged to participate in the extensive array of opportunities which exist beyond the classroom. Their willingness, intent, level of participation and contribution paves path for assessment through indirect method. We expect our students to leave the college as dynamic and impactful global citizens, equipped to play a leading role in whichever walk of life they choose and hence we leave no stone unturned to get our valuable stakeholder's feedback through parents, employers and alumni surveys as a part of indirect assessment.

The assessment of Course Outcomes reflect the attainment of Program Outcomes and in turn throws light on the effectiveness of Programme Educational Objectives and the success of our Four Pillar Structure. This strong, well defined and closed loop evaluation process has enabled the institute to gain confidence and continuous support of stakeholders and achieve pioneering position.

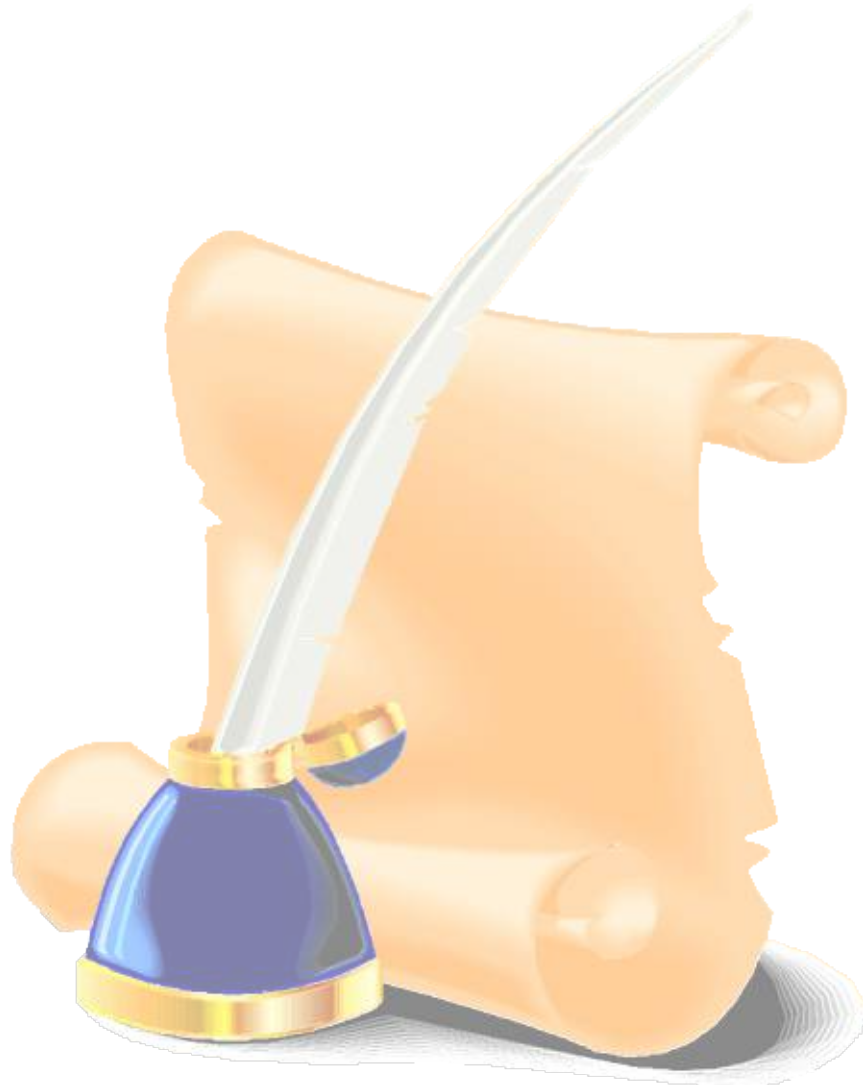
I am glad that our Outcome Based Education philosophy has percolated within all our programmes and our energized team PCCoE is channelizing all their efforts towards strengthening of these four pillars. Our earlier two NEWSWIRE Vol. XI and XII has given glimpses of the Institute's Vision & Mission, Department's Vision, Mission, Best Practices, PEOs and POs. In this Volume XIII, we bring to you the reflections of our initiatives in the arenas of Academic Excellence, Innovation & Research, Professional Competence and Social Commitment.

I am aware and acknowledge the valuable inputs offered by our competent faculty and staff and positive response of our students in this journey of excellence. I, once again extend my heartfelt wishes to all my dear students and other stakeholders and wish them the best to empower themselves with the Wings of Knowledge and Power of Innovation, imbibe an attitude akin to a positive and proactive thinking, caring concern for society and above all, an eagerness to serve and excel in their chosen domain throughout lifetime.

Warm Regards,

**Dr. A. M. Fulambarkar**

Principal, PCCoE



## Message from Deans



### **Dean Academics – Dr. J. S. Umale**

On behalf of our Management of Pimpri Chinchwad Education Trust (PCET) and our Principal Dr. A. M. Fulambarkar, Faculty and Staff of PCCoE, I congratulate all achievers who stood at University Rank, Distinction and First Class in the University Results.

This success story is the outcome of efforts of students, for the provision of adequate infrastructure, excellent faculty and carefully nurtured academic processes and culture. Our Faculty, Staff, respective HODs, Academic Coordinators, Class Teachers, Unit Test Coordinators, PTCs deserve the appreciation for their whole hearted participation in making this success possible for us.



### **Dean Research and Development – Dr. H. U. Tiwari**

Research and Innovation go hand in hand and it can be a great strength of Indian Economy. We have the necessary intellect and mind; We just have to change our mindset. We at PCCoE are inculcating the culture of Research and Innovation among students and faculty and there are some glimpses of success also. Faculties of PCCoE have published more than 700 research papers in last three years. Students plus Faculties have filed more than 80 patents in last two years. A long road to go and we at PCCoE are committed to contribute for the further growth of Research and Innovation.



### **Dean Industry Institute Interaction - Prof. S. A. Rawandale**

We, at Training & Placement Cell try to connect with as many companies as possible for placement of students. We enjoy the advantage of getting cream layer of students at our Institute. Our Alumni are also performing well in the industries where they are placed. Hence we could get the recognition from Industries. We would like to assure Industry, Students and Parents that we will not leave any stone unturned to make all our stakeholders Happy and Proud.



### **Dean Student Development and Welfare – Dr. Mrs. S. U. Bhandari**

I take this opportunity to congratulate Students and Staff for their active participation and involvement in making all Student Development and Welfare activities of Semester-I a grand success.

Dear students! I am sure the zest and thrill will be carried forward to the Semester II. Each one of you must be looking forward to opportunities to sharpen your skills and talents through various activities that are planned ahead.

Looking forward to your active participation in the journey of personality development!

**Best Wishes!**

## Distinguished Activities

- **An Interactive Talk on “SMART CITY”**

An Interactive Talk on “SMART CITY” was organized by Dr. Anuja Johri & Prof. Prakash Ukhalkar on 29<sup>th</sup> September 2015. The Padamshree Mr. Prataprao Pawar, Managing Director, Sakal Media Group was the guest speaker for the event. The aim of the event was to take students through the life experiences of Mr. Prataprao Pawar and initiate a healthy discussion on Development of Smart Cities.

- **Alumni Meet**

Alumni Meet was organized by PCCoE on 26<sup>th</sup> September 2015. More than 110 Alumni attended the meeting. Mr. Nayan Kakati explained the importance of preparation during Four Years of Engineering. Our three Alumni Mr. Vasudev Bandewar from USA, Ms. Jaspreet Singh from IIT Kharagpur and Ms. Saloni Agarwal from Delhi interacted with faculty and students through online Skype interaction.

- **Poster Presentation**

A Poster Making Competition and a Poster Exhibition was organized under Techno Science Club of FE department for the students on 14<sup>th</sup>-15<sup>th</sup> August 2015 to provide a platform for First Year Engineering students to express and apply their innovative ideas and hidden talents in the competitive technological scenario and give the exposure of new technological trends. More than 49 groups presented their posters in the exhibition.



## PCCoE's Overall Student Development Initiatives

### Training & Placement Cell

Headed by Prof. S. A Rawandale, Dean III & TPO

#### Major Highlights

- Total 316 PCCoE students got recruited in various reputed companies in academic year 2015-16.
- Some major recruiters are:

KPIT	183	3DPLM	06
Newgen	09	Mu-Sigma	03
Xoriant	04	L&T Infotech	20
Capgemini	50		

Following activities were conducted for improving student's Aptitude, Communication, Group Discussion and Interview Skills.

- Regular aptitude preparation sessions for second and third year students.
- Group discussion and personal interview orientation programs.
- Expert lectures on Career Options, Personality Development, etc.
- Industrial training in summer / winter vacations.
- Industry sponsored Projects and Industrial Visits.

## Student Development Cell

Headed by Dr. Mrs. S. U. Bhandari, Dean Student Development and Welfare

For the holistic development of our students and their welfare, following cells function under the umbrella of Student Development Cell:

### Communication and Personality Development Cell [CPDC]

Headed by Mrs. Meera Natrajan

- Guest Lecture on Corporate Etiquettes and Leadership skills was conducted by Mr. Vikram Changude on 11<sup>th</sup> September 2015 for SE Civil and IT students to enhance their Soft Skills and make them aware about Professionalism.



Guest Lecture on  
Corporate Etiquettes



Session on Soft Skill



Session on Success Mantra

- One day training session on Soft Skills was conducted on 14<sup>th</sup> August 2015 by Mrs. Swati Malhotra, Director - Soft Skills, APART to elaborate on effective utilization of various tools and techniques related to soft skills.
- Motivational lecture on Success Mantra was conducted by Mrs. Meera Natarajan for the Toppers of S. E. , T. E. and B. E. from all Departments for their Personal Development and Performance Improvement in August 2015.
- Aptitude Training Course of 60 hours duration was conducted from 06<sup>th</sup> July 2015 for ME Students by Mr. Ronak Shah.

## Professional Development Cell

Headed by Mrs. V. Y Bhalerao

Professional Development Cell organizes various technical skill development and foreign language training programs to improve professional standards and personality of students.

Total 14 students have undergone **German Language Course (A1 Level)** and 10 students for **Japanese**

### PCCoE Art Circle

Headed by Ms. A. N. Chaudhari

#### • Theatre Workshop

The workshop was organized on 11<sup>th</sup>-12<sup>th</sup> July 2015 to improve the Theatre Skills in students. Event Judges for the workshop were Mr. Sameer Salmitra, a well known theatre artist in PCMC, Pune area currently working with TATA Motors, Mr. Sachin Shelar, Founder of Idiots theatre, working in PCMC area associated with TATA Motors as a Manager and Mr. Akash Thite, PCCoE Art Circle Coordinator, associated with theatre from last 12 years.



Theatre Workshop



Purushottam Karandak 2015

#### • One Act Play "Trustbin" in 51<sup>st</sup> Purushottam Karandak-2015

PCCoE Team participated in prestigious 51<sup>st</sup> Purushottam Karandak-2015 on 24<sup>th</sup> August 2015. The team presented the one act play "Trustbin" based on Social Issue. Ms. Namrata More, T. E. E&TC was the script writer and Mr. Akash Thite, B. E. Mech was the Director. Ms. Payal Kharatmol S. E. Mech got Consolation Prize for acting.

- **Skit- "Vision 2020: Vision Haravte Tevha? : A Tribute to Hon'ble Dr. A. P. J. Abdul Kalam**  
Art Circle celebrated 69<sup>th</sup> Independence Day on 15<sup>th</sup> August 2015 coordinated by Mr. Ajinkya Patwardhan & Ms. Aishwarya Ranade from T. E E&TC with the objective of building the sense of togetherness and affection among students. The event also included a small skit titled "Vision 2020: Vision Haravte Tevha?" as a tribute to Hon'ble Dr. A. P. J. Abdul Kalam.
- Music Video on "Sci-Fi Tribute" directed by Mr. Shubham Shevade (BE E&TC) was selected in 5<sup>th</sup> Pune Short Film Festival on 2<sup>nd</sup> September 2015.



Independence Day Celebration



Vinodottam Karandak 2015

- **Street Play on the "Awareness on Discipline"**

A Street Play on the "Awareness on Discipline" written and directed by Ms. Rutuja Tarale, S. E, Mr. Nilesh Tepale, T. E. E&TC, Mr. Raghavendra Satbhai, T. E E&TC and Mr. Akash Thite, B. E. Mech was organized on 9<sup>th</sup> September 2015 to focus on the importance and need of different aspects of discipline in various sectors of society.

- **Play "Bhau Bagh Na Jamtay Ka???" in Vinodottam Karandak 2015**

PCCoE team participated in Vinodottam Karandak 2015 on 1<sup>st</sup> October 2015. The play named "Bhau Bagh Na Jamtay Ka???" won 1<sup>st</sup> Consolation Prize and Mr. Rahul Kalokhe, E&TC Alumni was awarded with Best Writer's 1<sup>st</sup> prize.

## Higher Studies Cell

Headed by Mr. G. R. Rahate

- **Awareness and preparation of GATE-2016** conducted by Mr. Paresh Gugale (I2E Institute) for S. E, T. E, B. E students of all branches on 26<sup>th</sup> June 2015.
- **Awareness and preparation of GATE** conducted by Mr. Venkaeshwarulu (IITKh, Alumni) for T. E. Mech students on 26<sup>th</sup> June 2015.
- **Awareness and preparation of GRE** conducted by Mr. Avnesh Joshi (IMS Academy) for S. E and T. E students from 19<sup>th</sup> August to 4<sup>th</sup> September 2015.
- **Counselling, Guidance and Motivation Session for GRE, CAT and GATE Exam** by GRE, CAT and GATE Club of PCCoE for B. E Mech students on 1<sup>st</sup> September 2015.
- **Awareness and preparation of CAT and GMAT** conducted by Mr. Avnesh Joshi (IMS Academy) for SE Mechanical students from 26<sup>th</sup> August to 2<sup>nd</sup> September 2015.
- **Awareness and preparation of IAS/MPSC/UPSC** conducted by Mr. Manohar Bhole (Unique Academy) for S. E, T. E and B. E students on 4<sup>th</sup> September 2015.



As an outcome of our continuous efforts, total twelve students from different departments scored remarkable score in GRE examination held in August-September 2015.



Women Grievance Cell  
"Positive Thinking"

## Women Grievance Cell

Headed by Mrs. Anjana Arakerimath

Inauguration on 16<sup>th</sup> October 2015 with lecture on "Positive Thinking" by Mrs. Shailaja Sangle

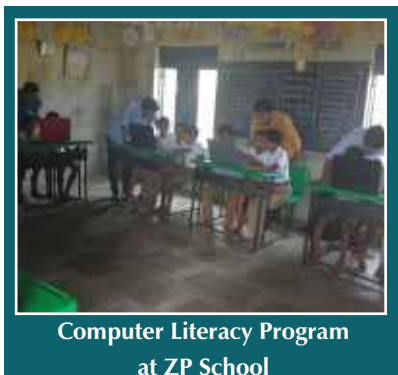
## Institute Social Responsibility

Headed by Mr. A. R. Suryawanshi

Activities organized to inculcate Social Awareness:

- **Cloth Donation Camp** conducted in NSS Office. Cloth donated to Punarutthan Samarasta Gurukulam (4 Cartons Clothes) and SAMPARC (Social Action for Manpower Creation) (10 Cartons Clothes) at Chinchwad and Bhaje .
- **Blood Donation Camp** organized on 15<sup>th</sup> September 2015. In this camp, students, faculties & admin staff together donated total 378 Units of blood.

- **Nirmalya Collection Activity** from 23<sup>th</sup> September to 27<sup>th</sup> September 2015.
- **Computer Literacy Program in Zilla Parishad School** on 27<sup>th</sup> October, 2015 at Varali, Dist –Pune. 15 Students of E&TC Department participated in the social program.



**Computer Literacy Program  
at ZP School**



**Guidance through  
Motivational Video**



**Food Packets Distribution**

- **Session on Motivational Video, Mathematical Tricks and Tree Plantation Initiative** in Mahatma Gandhi Prathamik Shala, on 7<sup>th</sup> September 2015 at Dehu Road to create awareness about the environmental issues by MCA Department.
- **Food Donation Activity to Warkari** during Palakhi on 9<sup>th</sup> September 2015 at “Bhakti- Shakti Chauk”, Pune. Faculty coordinator was Prof. G. C. Sarode.
- **Cleanliness Drive at Ghoradeshwar Temple** on 12<sup>th</sup> September 2015 at Dehuroad, Pune coordinated by Prof. Sagar Salunkhe from Computer Engineering department.



**Cleanliness Drive at  
Ghoradeshwar Temple**

## Physical Training & Sports Activities

Headed by Mr. S. B Pacharne, Physical Director

**Students selected in Pune District Teams for Inter Zonal Sports Competition.**

Sr. No.	Student Name	Class	Event
1	Katti Vedant	SE E&TC	Table Tennis
2	Firke Kartik	FE	Swimming
3	Kulkarni Narendra	BE Mech	Swimming
4	Gadade Sanjeevani	TE IT	Swimming
5	Patil Saurabh	TE Mech	Chess
6	Tangade Atul	TE Mech	Handball
7	Adarsh Wankhede	FE	Handball
8	Kulkarni Bhakti	BE E&TC	Badminton
9	Thombare Ruchita	SE IT	Badminton
10	Chinchkar Rohan	FE	Badminton
11	Ayesha Shaikh	FE	Basketball
12	Kulkarni Sharvari	FE	Basketball
13	Ingle Aishwarya	BE Civil	Lawn Tennis
14	Amey Parkhi	TE Mech	Football
15	Kalbhor Rohan	BE Mech	Football
16	Dhawale Tejas	BE Comp	Football
17	Rane Anand	SE Comp	Football

Sr. No.	Event	Result	No. of Teams Participated	No. of Students Selected For Zonal Competition
1	Chess (Boys & Girls)	Winner	78	1
2	Tennis (Boys & Girls)	Winner	6	1
3	Badminton (Girls)	Runner up	13	2
4	Football (Boys)	Runner up	64	4
5	Basketball (Girls)	3 <sup>rd</sup> Place	14	2
6	Table Tennis Boys)	3 <sup>rd</sup> Place	33	2
7	Handball (Boys)	4 <sup>th</sup> Place	22	2
8	Badminton (Boys)	4 <sup>th</sup> Place	32	1
9	Swimming (Boys & Girls)	Participated	19	3
10	Crosscountry	Participated	54	0
11	Volleyball (Boys)	Participated	32	0
12	Kho-Kho (Boys)	Participated	36	0
13	Basketball (Boys)	Participated	54	0
14	Athletics (Boys)	Participated	97	0

## Achievements

- University Player Ms. Aishwarya Ingle from B. E. Civil got selected in Savitribai Phule Pune University Lawn Tennis Team for West Zone Inter University Competition and secured Silver Medal in West Zone Inter University Competition.
- PCCoE Chess Team won Team Championship in Inter collegiate Chess Competition. Mr. Saurabh Patil, Mr. Saurabh Bedmutha secured first & seventh position respectively individual in ranking out of 238 participants.



# Mechanical Engineering Programme

## From HOD Desk

The Mechanical Engineering Department at Pimpri Chinchwad College of Engineering is dedicated to develop overall personality of our students. We are imbuing Innovation and Quality culture in our students through our various courses and activities at the Department. Our department also has taken initiative in inculcating different skills required in Mechanical Engineering students as per the industrial needs such as 3D modelling training in CATIA, NX, Adams. We have a very strong faculty strength of 45 faculties and well equipped laboratories. We also have a very good placements in different Multinational and National companies such as Mercedes Benz, Behr India, KPIT Technologies, Godrej, Minda Ltd, TCS Ltd. , Capgemini, Siemens, Bosch Ltd. , Seaco Ltd. , Varroc and Electromech Ltd.

We have strong interaction with Micro Small Medium Enterprises (MSME) in Pimpri Chinchwad MIDC for internship of our students. Our students along with faculty work on different problems of MSME and provide solutions to them. We have MoU with Technology Information Forecasting Assessment Council (TIFAC) a Government of India undertaking for providing technical support to MSME sector.

Dr. Sanjay S. Lakade

## Academic Excellence

***Our First Objective is to embed sound academic fundamentals among the students to formulate, analyze and solve Mechanical Engineering problems.***

Our strong teaching learning process and stringent academic monitoring has resulted in excellent SPPU Examination Results for Semester-II 2014-2015. Our students who have excelled in the University Exams with flying colors are:

Name	Class	Result in %
Mr. Gupta Mayank Lallanprasad	B. E	77.53
Mr. Patil Kiran Sanjay	T. E	81.33
Mr. Joshi Mayuresh Shirish	S. E	79.87

## Research and Development

***Our Second Objective is to develop student's ability to enhance the product/process design capabilities in Mechanical Engineering Field.***

Following are our research based initiatives:

- Project competition "INNOVIA-2015" organized by Mr. L. V. Awadhani on 11<sup>th</sup> September 2015.
- QCFI Training Program for QCFI members on TPM and 6 Sigma on 18<sup>th</sup>- 19<sup>th</sup> June organized by Dr. S. S. Lakade, N. Vivekanandan, Ganesh Kale and Abhiraj Kachare .
- Short Term Course on CAD using CATIA" in association with CIPET Aurangabad was organized by Mr. Devesh Kute, Mr. Chandan Ingole, Mr. G. S. Lohar and Mr. S. S. Kachare for 47 students from 02<sup>nd</sup> - 13<sup>th</sup> June 2015.
- Mini Project Exhibition illustrating the use of non-conventional sources was exhibited by Second Year students of ME (Heat Power) on 6<sup>th</sup> November 2015 in RAC lab. and Mechanical Engineering Building Foyer as a part of ELECTIVE - III course encompassing Solar Energy, Wind Power & Thermal Energy Storage.
- BME Mini Project Exhibition was organized by BME subject faculties on 23<sup>rd</sup> March 2015 for FE students with around 180 projects being displayed. The activity was coordinated by Mr. G. G. Momin, Mr. S. S. Suryavanshi, Mr. Devesh Kute, Mr. N. V. Gaikwad, A. A. Kachare, Mrs. S. V. Patil, Himani Kadam under guidance of Mrs. S. A. Fulambarkar and Dr. S. S. Lakade.
- Seminar on "Industrial Pneumatics" by Mr. Mandar Puranik, Training Incharge - SMC Pneumatics (India) Pvt. Ltd., Pune. was conducted on 4<sup>th</sup> November 15 for 240 students of T. E, Mech to motivate them in the field of Low Automation and coordinated by Mr. V. K. Aher.



Inauguration of Innovia 2015

## Guest Lectures

- **“Expectations of Industry from Freshers”** by Mr. Sachin Bendre, H. R, Mercedes Benz Ltd, was organized for BE and TE Students on 31<sup>th</sup> July 2015 by Mr. G. G. Momin.
- **“Emotional Intelligence, Scientific Study Techniques and Stress Management”** by Mrs. Manish Shinde and Team from Manashakti Research Centre, Pune on 11<sup>th</sup> September 2015 organized by Mrs. N. U. Yewale.
- **“Advanced materials -Nano materials and Carbon nano Tubes”** organized by Mr. A. A. Kachare & G. S. Lohar for S. E. Mechanical students.
- **“Future Opportunities in Design Field”** by our Alumni Mr. Alok Awasare and team members from Behr India Ltd. was organized on 5<sup>th</sup> September 2015 by Mr. V. U. Garud.

## Students Patents

- Mr. Shubham Thakur, B. E. Mech filed a patent (225/MUM/2015) titled 'An Innovative Fuel-Efficient Technique to use Natural Air Conditioned Air in Automobiles.
- Mr. Ramesh Vishwakarma, Mr. Akash Garudasani, Mr. Vaibhav Pakhase & Mr. Kapil Sawankar have filed patent (3529/MUM/2015) titled 'Automated Fuel Cock of Motorcycle for Antitheft of Fuel' with Application ID .
- Mr. Ramesh Vishwakarma, Mr. Akash Garudasani, Mr. Vaibhav Pakhase have filed Patent (3530/MUM/2015) titled 'Diesel-Ethanol-Soyabin oil Blends as an Alternative Fuel'.
- Mr. Pramod Gunjarge, Mr. Ajinkya Wankhade have filed patent (2956/MUM/2015) titled ' All in one Portable Pneumatic Spanner, Poretable Pneumatic Jack and Pneumatic Tyre Infiltration'.
- Mr. Aashish Atul Prabhune has filed Patent (2903/MUM/2015) titled “Smart protractor for checking Correctness of Angles and Plotting with High Accuracy”.

## Faculty Patents

- Mrs. N. U. Yewale has filed a patent (2166/MUM/2015) on “Driver Aligned Seat Belt Position Sensor To Avoid False Use of Seat Belt Safety System.
- Mr. R. A. Gujar has filed a patent (3433/MUM/2015) on “ A System which gives an Indication Before The LPG Cylinder is Completely Empty and System Gives The Signal”.

## Faculty Publications

- Dr. Anidita Roy, “Analysis on the feasibility of a PV-diesel generator hybrid in system without energy storage” in international journal Springer, ISSN-O1618-954x.
- Dr. S. S. Lakade, Patil A. A., “Implementation of Vibratory Sress Relieffor Domestic LPG cylinder using Electrodynamics Shaker” in International Journal of Advanced Research in Science and Engineering, ISSN-2319-8354, August 2015 issue.
- Dr. S. S. Lakade, Santosh Shinde, “Design and Development of a Torch Head Mechanism for a CNC plasma cutting machine” in International Journal of Science Technology and Engineering, Vol. 2, Issue 4, October 2015.
- Dr. S. S. Lakade, Nikhil Ingle, "Design and Development of Downdraft Gasifier of 20 KW Capacity to Generate Producer Gas" in 5<sup>th</sup> International Conference on “ Advances in Energy Research”(ICAER-2015) held at IIT, Mumbai from 15<sup>th</sup>-17<sup>th</sup> December 2015.
- Dr. S. S. Lakade has presented a paper in International Conference ICQCC-2015 held at Korea.
- Mr. S. R. Wankhede has published a book on “Operation Research” for B. E. 2012 course Technical Publication with ISBN No. 978-93-332-0444-6.

## Faculty Participations

- Dr. N. R. Deore and Prof. A. A. Panchwadkar attended and contributed as reviewer in PGCON Mechanical-2015 at Flora Institute of Technology, Pune on 19<sup>th</sup>-20<sup>th</sup> July 2015.
- Dr. S. S. Lakade has successfully completed training on “Project Management” from 01<sup>st</sup> -09<sup>th</sup> August 2015.

- Mr. G. G. Momin attended Two Days workshop on “Ethics in Engineering, Engineering Education and Engineering Research” on 11<sup>th</sup>- 12<sup>th</sup> September 2015 at RSCOE, Tathwade, Pune-33.
- Mr. G. G. Momin attended Practical Oriented Two days training workshop on A free CFD software Open Foam on 9<sup>th</sup> - 10<sup>th</sup> October 2015 at RSCOE, Tathwade, Pune-33.
- Mr. G. G. Momin & Mr. Pankaj Anjankar have attended One day Workshop on Syllabus Implimentation 'Refrigeration And Air Conditioning' of B. E. (Mechanical) 2012 course under the aegis Board of Studies (Mechanical Engg. ), SPPU, organized by MIT College of Engineering, Kothrud, Pune.
- Mr. C. L. Ladekar and Mr. U. G. Potdar Participated in INNOVATION-2015, Regional Research Conference organized by Board of College of University Development (BCUD01/07/2015).
- Mrs. R. S. Pimpalkar have attended Two Days Workshop on “Modern Optimization Techniques for Engineering Applications” on 21<sup>st</sup> - 22<sup>th</sup> August 2015 at MIT Academy of Engineering, Pune.
- Dr. S. S. Lakade and Mrs. V. Y. Bhalariao have successfully attended 3 days workshop on “Expo-PDI on Product Design and Innovation” from 20<sup>th</sup> to 22<sup>th</sup> August 2015 at IDC, IIT, Bombay.
- Mr. S. B. Matekar, Mr. S. R. Wankhede and Mrs. R. S. Pimpalkar have attended syllabus Implementation workshop of B. E. 2012 course for Operation Research, Product Design and Development subjects.
- Mrs. N. A. Mandhare and Mr. A. N. Kore have attended FDP which is jointly organized by CII, Pune and Kirloskar Pneumatics Company Ltd. Pune on 10<sup>th</sup> - 11<sup>th</sup> December 2015.

### Interaction with Outside World

- Dr. Anidita Roy has worked as External Examiner for M. E. Dissertation Exam at COEP, on 11<sup>th</sup> August 2015.
- Dr. Anidita Roy has worked as a speaker for National Level ISTE approved Short Term Training Programme on “ Renewable Energy- Opportunities and Challenges” from 26<sup>th</sup> to 30<sup>th</sup> October 2015 organized by Sinhgad Institute of Technology, Lonavala
- Dr. H. U. Tiwari currently working on the project “Extraction of Water from Air” in collaboration with “Pure Water Foundation, Chennai”.
- Faculty and Students are working in collaboration with MSME under the Central Government Scheme TIFAC and received a grant of Rs. 3, 40, 000/-

### Ph. D. Registrations

- Mr. U. I. Shaikh has registered for Ph. D. in Mechanical Engineering at the Research Centre, VIT, Pune in Heat transfer Area in A. Y- 2015-16.
- Mr. D. A. Wagholikar has registered for Ph.D. in Mechanical Engineering at the Research Centre, CoEP, Pune” in Energy Conservation Area in A. Y-2015-16

### MoUs

Department of Mechanical Engineering signed MoUs with following organizations.

- Innovation Next, Gurgaon For developing creativity and innovation culture for First Year students from 30<sup>th</sup> June 2015 to 29<sup>th</sup> June 2017.
- Sapience Technology System Pvt. Ltd. and Siemens Ltd. For training NX & PLM softwares of Siemens Ltd. from 4<sup>th</sup> July 2015 to 13<sup>th</sup> July 2017.
- Marsh Consultancy of Excellence, Pune for training in Multi Body Dynamics (ADAMS) software from 17<sup>th</sup> August 2015 to 16<sup>th</sup> August 2017.
- Mantra CAD/CAM Solutions, Pune For training in ANSYS Fluent CFD from 12<sup>th</sup> September 2015 to 15<sup>th</sup> September 2017.
- M/s Forbes Marshall, Pune For conducting open elective for BE (Mechanical) students in Steam Engineering and Energy Management from 29<sup>th</sup> September 2015 to 28<sup>th</sup> September 2017.



MoU with Forbes Marshall

## Industry Institute Interaction

***Our Third Objective is to equip students to meet employers need at large and prepare them for higher studies.***

To strengthen this PEO, we strive to increase our industry-institute interactions and put more initiatives in overall student development activities.

### T & P Activities

A Mock Interview Session by Mr. S. K. Bhoite for BE (Mech) students was arranged on 17<sup>th</sup> July 2015 and coordinated by Mr. G. G. Momin.

### Placement Details

Total 60 students of Mechanical Engineering Department among 121 eligible students got placed in Multi-National Companies like KPIT Technologies, Behr India Ltd, Mercedes Benz Ltd, Capgemini, Polycab Ltd, 3D-PLM, Mu-Sigma.

### Industrial Visits / Tours

- Visit to Automotive Research Association of India (ARAI) was organized by Mrs. V. Y. Bhalerao for BE Mechanical students on 10<sup>th</sup> October 2015.
- Visit to Global Automation was organized by Mr. Vikram Aher and Mr. N. J. Surwade on 23<sup>rd</sup> September 2015.
- Visit to Pimpri Chinchwad Science Park was organized by Mr. N. J. Surwade on 23<sup>rd</sup> September 2015.
- Visit to M/s. Baker Gauges (I) Pvt. Ltd, was organized by Mr. S. K. Bhoite and D. A. Wagholikar on 5<sup>th</sup> September 2015.
- Visit to Sant Tukaram Sahakari Sakhar Karkhana Ltd. was organized by Mr. U. I. Shaikh and Mrs. Neeta Yewale from 28<sup>th</sup> to 30<sup>th</sup> September 2015 for S. E. students.
- Visit to Katraj Dairy organized by Mr. G. G. Momin on 6<sup>th</sup> October 2015 for B. E. students.
- Visit to Autocluster Exhibition Centre, Chinchwad organized by Mrs. R. S. Pimpalkar, Mrs. V. Y. Bhalerao and Mr. S. Matekar from 5<sup>th</sup> to 8<sup>th</sup> October 2015 for B. E. students.
- Visit to Shri Saibaba Sansthan Trust, Shirdi organized by Dr. A. Roy and Mr. S. Salve for ME Mechanical Students to see actual "Parabolic Solar Antennas".

## Student Development and Welfare

### Overall Student Development Initiatives

#### Mechanical Engineering Students Association (MESA)

Faculty Incharge: **Mr. S. V. Salve**

- MESA has organised a Teacher's Day Function on 5<sup>th</sup> September 2015.
- **Virtual-BAJASAEINDIA 2015 Competition:** Our College Team participated in the Virtual-BAJASAEINDIA 2015 competition held at CHITKARA UNIVERSITY, Chandigarh, Punjab on 10<sup>th</sup> - 11<sup>th</sup> July 2015 and got selected for the main event for the 5<sup>th</sup> time consecutively and ranked 21 amongst 179 participating teams.
- **SUPRA-2015:** Students from SUPRA team attended main round of SUPRA-2015 at MMRT, Chennai along with 25 students team during 15<sup>th</sup> to 18<sup>th</sup> July 2015 and successfully completed 2 stickers (one after Technical Inspection and second after Noise Test). Mr. Amol Suryavanshi and Mr. Nilesh Gaikwad coordinated the activity.



Teachers Day Celebration

### Social Commitment

***Our Fourth Objective is to create awareness among students about codes of professional practice, social commitment and life-long learning.*** To strengthen this further following activities were conducted under NSS coordinated by Mr. Anand Birajdar and Mr. Nikhil J. Surwade.

- **Cloth Donation** on 25<sup>th</sup> July 2015 at "Punarutthan Samarasta Gurukulam" and "SAMPARC".
- **Blood Donation Camp** on 15<sup>th</sup> September 2015.
- **Nirmalya collection** during Ganesh Chaturthi from 24<sup>th</sup> to 27<sup>th</sup> September 2015.

# Electronics & Telecommunication Engineering Programme

## From HOD Desk

Technology is moving at a very fast pace. This has made it imperative that future technocrats must be familiar not only with technical know-how and skills but also with the technology of tomorrow. Here We, as the Teacher, Guardian, Mentor and Guide ensure to the fullest that our students do not lag behind in terms of their technical growth. The teaching learning processes are well designed and stringently followed to ensure the academic growth of our students and its effective implementation is reflected from university results. The active Research and Development cell of our department has helped in creating an ambience for nurturing innovation, creativity and excellence in our students and the outcome is evident from our research based initiatives and increased number of research publications, MoUs and patents. Student Development cell exposes them to various professional courses like Add on Courses to prepare the students for the industry requirement. We encourage students to organize and actively participate in various co-curricular and extracurricular activities through the departmental students association ETSA and NSS to inculcate in them the human values and professional ethics. We give our students the wings of ambition, so that they can soar like falcons to touch the skies.

Dr. N. B. Chopade

## Academic Excellence

***Our First Programme Educational Objective is to provide sound foundation in mathematics, basic science and fundamentals of E&TC engineering to the students.***

Our efforts in the domain of academics through strong teaching learning process, stringent academic monitoring, extra efforts for weak learners and continuous evaluation process is evident from our SPPU Examination Results for Semester-II 2014-2015. Our students who have excelled in the university exams with flying colours are:

Name	Class	Result in %
Ms. Neha Ginotra	B. E	77.80
Ms. Pallavi Bacche	T. E	80.33
Ms. Priya Shankar	S. E	83.20

## Research and Development

***Our Second Programme Educational Objective is to provide students with good Electronics and Telecommunication Engineering breadth so as to enable them to comprehend, analyze, design, and create novel products and solutions for the real life problem.***

We take every possible effort to boost our students and faculties towards research excellence through various research based activities, project and activity based learning which has resulted in increased count of research based activities, Industry-institute interactions, MoUs, research publications and patents. Following are our research based initiatives:

- **FDP on BE (E&TC) Revised Syllabus 2012 Course "Electronics Product Design"** organized in association with BoS Electronics, SPPU on 11<sup>th</sup> - 12<sup>th</sup> June 2015 with 45 participants from Savitribai Phule Pune University and coordinated by Mr. A. R. Suryawanshi.
- **Three days Industrial Automation Training on PLC, HMI based applications was organized** under SIG, PANCES of E&TC Dept. by Mrs. R. S. Kad from 9<sup>th</sup> - 11<sup>th</sup> December conducted by ETA (Educate To Automate).



- **“Workshop on Maintenance of Computer Peripherals & Electronic Instruments”** was organized on 19<sup>th</sup> -20<sup>th</sup> June 2015 by Mr. P. A. Sandbhor, Mrs. N. P. Sonar & Mrs. G. D. Sandbhor. Mr. Sagar Pingale - Royal Systems, Mr. Dilip Sapkal - Sciencetech Technologies, Mr. Sunil Agre - Art of living, Mr. Manish Narkhede – PCCoE were the resource people.
- **Workshop on “PCB designing”** by Mr. M. M. Narkhede was under Entrepreneurship cell on 5<sup>th</sup> September 2015 and coordinated by Mr. S. S Ayane and Mr. U. R. Shirole.



Workshop on Maintenance



Workshop on PCB Designing



Training on VHDL and FPGA

## Hands-on Training

- **“MATLAB Simulink”** conducted by Dr. N. B. Chopade & Mr. M. M. Narkhede on 19<sup>th</sup> September 2015 organized under SIG (Signal Processing) by Mrs. V. A. Kulkarni with 87 student beneficiaries.
- **“VHDL programming and FPGA Implementation”** conducted by Mrs. Anjali. A. Shrivastav and Mrs. Archana Lalde under SIG “VLSI and Embedded” by Mrs. Varsha Bendre on 20<sup>th</sup> - 21<sup>st</sup> August 2015 for First Year ME students.

## Guest Lecture

- Lecture Series on **“Understanding the research process from Problem Identification to intellectual Property Rights”** organized by Mrs. Varsha Bendre and Dr. N. B. Chopade during 9<sup>th</sup> September to 27<sup>th</sup> October 2015 for First year students of ME VLSI & Embedded Systems, Heat Power and Design with Resource faculty: Dr. N. R. Deore, Dr. J. S. Umale, Dr. S. D. Thepade, Dr. A. R. Roy, Dr. S. V. Shinde and Mrs. P. K. Rajani.



Session on Research Process



Expert Lecture Series on Timing tactics

- **“GUI Building in MATLAB and Developing Simulink Applications”** by Mr. M. M. Narkhede was organized for First Year ME students on 27<sup>th</sup> August 2015 by Mrs. Varsha Bendre under the SIG VLSI and Embedded Systems.
- **“Innovative Project Ideas”** by Prof. Shashank Pujari was organised for B. E students on 14<sup>th</sup> July 2015 by Prof. A. B. Patil, Mrs. A. S. Pawar, Mrs. S. K. Gaikwad and Mrs. R. S. Kad.
- **“Timing Tactics in Digital Design”** by Dr. Shaila Subbaraman was organized by Mrs. Varsha Bendre for the subject 'Digital CMOS Design' on 10<sup>th</sup> October, 2015 for First Year ME students.
- **“Era of Nanoelectronics”** by Dr. Abhay Chopade was organized for S. E students on 15<sup>th</sup> July 2015 by Prof. A. B. Patil, Mrs S. U. Deoghare, and Mrs. J. P. Joshi.



Guest Lecture on “Era of Nanoelectronics” Simulink”

- **“Applications of Signals and System and Transforms”** by Dr. N. B. Chopade was organized by Mrs. M. S. Bhandarkar, Mrs. Swati Jagtap and Mrs. Archana Lalde on 29<sup>th</sup> July 2015 and 31<sup>st</sup> July for S. E. students with 150 participating students.

- **“Digital CMOS Design”** by Dr. Mrs. S. U. Bhandari was arranged by Mrs. A. S. Pawar, Mrs. D. S. Khurge and Mrs. A. A. Shrivastav on 22<sup>nd</sup> September 2015 for BE (E&TC) students.
- **“Linux Operating System”** by Mrs. S. A. Gore was arranged by Mrs. A. S. Pawar on 26<sup>th</sup> October 2015 for First Year ME Students.
- **“Device driver of embedded systems”** by Mr. S. S. Pujari was arranged by Mrs. J. S. Kulkarni on 1<sup>st</sup> September 2015.

## Students Patents

- Sagar Jagdale and Mukund Gode from B. E. have filed a patent (3469/MUM/2015) titled “A System for Controlling the Music System on Basis of Voice commands from Remote locations”.
- Harshwardhan Kumbhar and Prasad Kachawar from B. E. have filed a patent (4614/MUM/2015) titled “Wallet Protection and monitoring using smartphone”.
- Prasad Kachawar from B. E. have filed a patent (4488/MUM/2015) titled “Smart Boxes notifying unavailability of Grocery”.
- Rahul Ranjan, Avinash Kumar Dwivedi, Saurabh Gandhe, Twinkle Pajiyar from B. E. have filed a patent (4156/MUM/2015) titled “System for Detection and Identification of blood Vessel for blood sampling from human body”.
- Rahul Ranjan, Avinash Kumar Dwivedi, Saurabh Gandhe, Twinkle Pajiyar from B. E. have filed a patent (4156/MUM/2015) titled “System for Monitoring and identifying the working status of appliances in the network”
- Rahul Ranjan, Avinash Kumar Dwivedi, Saurabh Gandhe, Twinkle Pajiyar from B. E. have filed a patent (4156/MUM/2015) titled “System for Vehicle diagnostic via Network”
- Rahul Ranjan, Avinash Kumar Dwivedi, Saurabh Gandhe, Twinkle Pajiyar from B. E. have filed a patent (4156/MUM/2015) titled “System for Vehicle communication via Laser”
- Sagar Jagdale from B. E. has filed a US patent titled “Accessing portable storage devices using speech recognition”

## Faculty Patents

- Mr. P. R. Sonawane & Mr. S. D. Nagrale has filed a patent (2502/MUM/2015 )titled, “Device for human drowsiness detection, warning and accident prevention”.

## Consultancy Work

- Mr. A. R. Suryawanshi received consultancy amount of Rs. 11,880/- from KWATT Solutions Pvt. Ltd.

## Faculty Publications

- Dr. Mrs. S. U. Bhandari, Mrs. Varsha Bendre, Mr. Abhishek Tiwari, “Comparative Analysis of Single Stage CMOS Operational Amplifier in Gate Driven and Bulk Driven Mode” International Journal on Emerging Trends in Technology (IJETT) ISSN: 2350–0808, September 2015, Volume 2, Issue 2, Page No. 364-368.
- Mrs. Jyoti Santosh Kulkarni, “A Survey of Image fusion using genetic algorithm” in National Conference on Advances in Computing - 2015 held at D. Y. Patil School of Engineering and Technology, Lohgaon.
- Mrs. D. S. Khurge, “Impact of Quaternary Logic on Performance of Look Up Tables” in IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Volume 5, Issue 3, Ver. II (May -Jun. 2015), PP 36-48 e-ISSN: 2319–4200, p-ISSN No. : 2319–4197
- Mr. P. V. Sontakke, Mr. K. B. Kotangale, Mr. S. S. Ayane, “PCA Fusion with Image enhancement for Face Recognition”, in the International Journal of Pure and Applied Research in Engineering and Technology. IJPRET Issue: July-2015. ISSN: 2319-507X, Volume 3(11): Page 105-112.
- Mrs. Varsha Bendre, Sakshi Y. Hiwanj, “Real-Time Driver Vigilance Monitoring System” in “The Research Journal (TRJ): A UNIT OF I2OR”, Vol. 1 Issue 2 (July-August 2015) ISSN: 2454-7301 (PRINT) | ISSN: 2454-4930 (ONLINE)
- Mr. S. S. Ayane, Mr. P. V. Sontakke, Mr. K. B. Kotangale, “Determination of Primary Nutrients Deficiency in Plant using Image Processing” in the International journal of Pure and Applied Research in Engineering and Technology. IJPRET Issue: July-2015. ISSN: 2319-507X, Volume 3(12): Page 20-28.
- Mr. K. B. Kotangale, Mr. S. S. Ayane, Mr. P. V. Sontakke, “Energy Efficient Green Radio Technology” in the International journal of Pure and Applied Research in Engineering and Technology. IJPRET Issue: July-2015. ISSN: 2319-507X, Volume 4(1): Page 1-11.

## Faculty Participations

- Mrs. Anjali A. Shrivastav attended Short Term Training Programme on “FPGA based digital design with application to SDR in cognitive environment” from 5<sup>th</sup> to 9<sup>th</sup> October 2015 at Shri Ramdeobaba College of Engg. and Management, Nagpur.
- Mr. S. L. Tade & Mrs. S. Y. Sawant attended Workshop on "Hands-on Training Using SCILAB and OpenCV for Image Processing" during 24<sup>th</sup>- 26<sup>th</sup> August 2015 at AISSMSIOIT, Pune.
- Mrs. Anjali A. Shrivastav, Mrs. D. S. Khurge and Mrs. A. S. Pawar attended Faculty orientation Workshop for B. E. (E&TC/Elex) revised 2012 course for the subject VLSI Design and technology organized by BOS, SPPU at Sinhgad CoE, Pune from 11<sup>th</sup> to 13<sup>th</sup> June 2015.
- Mr. G. R. Rahate and Mrs. S. K. Gaikwad attended Faculty orientation Workshop for B. E. (E&TC/Elex) revised 2012 course for the subject Microwave Engineering organized by BOS, SPPU, Pune at RSCOE, Pune from 11<sup>th</sup> to 13<sup>th</sup> June 2015.
- Mr. P. V. Sontakke attended Faculty orientation Workshop for B. E. (E&TC/Elex) revised 2012 course for the subject Computer Networks organized by BOS, SPPU, Pune at AISSMS's IOIT, Pune from 11<sup>th</sup> to 13<sup>th</sup> June 2015.
- Mrs. Jyoti S. Kulkarni attended Faculty orientation Workshop for B. E. (E&TC/Elex) revised 2012 course for the subject Embedded Systems and RTOS organized by BOS, SPPU, Pune at SKN COE, Pune from 11<sup>th</sup> to 13<sup>th</sup> June 2015.

## Interaction with Outside World

- Dr. N. B. Chopade worked as VC Nominee and Chairman for Pre-submission Ph. D. presentation at North Maharashtra University, Jalgaon.

## Invited Talks / Judge / Resource

- Mrs. Rajani. P. K served as a Resource person for conducting "How to read a Research paper", seminar based activity for ME (E&TC, Heat Power and Design) students on 10<sup>th</sup> September 2015.

## Ph. D. Registrations

- Mrs. Jyoti Santosh Kulkarni has registered for Ph. D in E&TC at the Research Centre “Raisoni College of Engineering and Management” in the area of Image Fusion and Optimization Techniques.

## Industry Institute Interaction

***Our Third Programme Educational Objective is to inculcate effective communication skills, teamwork spirit and professional ethics in students to meet employers need at large and prepare them for higher studies.***

To strengthen this PEO, We strive to increase our industry-institute interactions and put more initiatives in overall student development activities.

## T&P Activities

A Mock interview session for BE(E&TC) students was arranged on 17<sup>th</sup> July 2015 by Mrs. Swati Jagtap and Mrs. M. Chinchkar with 142 participating students.

## Placement Details

Total 107 students of E&TC department have been placed till date in companies of repute.

KPIT Technology Ltd.	75
L&T Infotech	14
Capegemini	18

## Industrial Visits / Tours

- **Visit to Vigyan Aashram** was coordinated by Mrs. Varsha Bendre and Dr. N. B. Chopade on 22<sup>nd</sup> September 2015 for First Year ME VLSI & ES, Heat Power and Design students.



Vigyan Aashram-  
Electro-Mechanical Projects



Visit to Mahindra Trucks & Buses

- **Visit to Olympus Power Private Limited**, Bhosari for the course Employability Skills in Electronics design for the students of T. E. was arranged from 31<sup>st</sup> August to 01<sup>st</sup> September 2015 by Mrs. Swati Jagtap, Mrs. M. S. Bhandarkar, Mrs. A. S. Shinde & Mrs. Jayashri Joshi.
- **Visit to Mahindra Trucks & Buses**, Chinchwad was arranged for B. E. and M. E. students of E&TC department on 26<sup>th</sup> July 2015. Dr. N. B. Chopade, HOD, E&TC and Mrs. S. V. Patil accompanied a total of 18 ME and 12 BE students.

## Student Development and Welfare

### Overall Student Development Initiatives

#### Electronics & Telecommunication Students Association (ETSA)

Faculty Incharges: Mrs. Ashwini S. Shinde and Mrs. Archana Lalge

Following activities have been organized under ETSA:

- ▲ The Inauguration Ceremony of ETSA and Gurupornima Celebration on 31<sup>st</sup> July 2015.
- ▲ Teacher's Day celebration on 7<sup>th</sup> September 2015.
- ▲ Design competition on "Making of Power Supply" on 08<sup>th</sup> September and 10<sup>th</sup> September 2015 by Mrs. A. S. Shinde, Mrs. S. P. Jagtap and Mrs. M. B. Bhandarkar with an objective to implement Blooms Taxonomy for the subject Employability Skills in Electronics Design.
- **Guest Lecture on "Success Mantra - How to make your dreams a reality"** by Mrs. Meera Natrajan was arranged on 30<sup>th</sup> July 2015 for the Toppers of S. E. , T. E. and B. E. students under the Communication & Personality Development Cell by Mrs. Anjali Shrivastav. CPDC Department Coordinator
- **Session on "ME, MYSELF & I, Self-concept & Self Esteem"** by Dr. Anuja Johri, HOD MBA was organized by Dr. Mrs. S. U. Bhandari, PG Coordinator on 20<sup>th</sup> October 2015 for the FY ME students of VLSI & Embedded systems and Computer Science.



Session on Self Concept  
& Self Esteem

### Social Commitment

**Our Fourth Programme Educational Objective is to create awareness among students about social commitment and responsibilities.** To strengthen this pillar, we organize various activities which are small initiatives to give back a little to society from where we take so much.

- **Social Activities:** E&TC Department under ISR Cell organized Computer literacy program in Zilla Parishad School on 27<sup>th</sup> October 2015 at Varali, Dist –Pune Coordinated by Mrs. A. M. Ekbote.



Social Activity

# Computer Engineering Programme

## From HOD Desk

I welcome all the stakeholders - Students, Industries, Academics, Research Organizations, Alumni, Parents and Teachers to strengthen our hands and support us in our Vision to become a Premier hub in Computer Engineering Education and Research. We, faculty and staff, are committed to fulfill dreams and aspirations of young students who are joining the department to become Engineers. We believe in providing value added quality education to students which helps in solving Engineering problems for the benefits of society.

My dear Students, get ready to make your efforts in task of Nation building. You are the leaders in your profession with vision, zeal, passion, confidence, knowledge & necessary skills to succeed.

We wish you have an exciting career!!

The path from Dreams to success does exist. May you have the vision to find it, the courage to get on it and the perseverance to follow it. We are here to support you to achieve the success.

Wish you a great journey and a very Happy New Year.

Dr. K. Rajeswari

## Academic Excellence

***Our First Programme Educational Objective is to build strong academic fundamentals for successful careers.***

It is reflected in terms of excellent student results as mentioned below.

Highlights of Academic Excellence in SPPU Examination Results for Semester-II 2014-2015.

Name	Class	Result in %
Ms. Gole Madhura Sitaram	B. E	81
Ms. Sarnot Surabhi Santosh	T. E	79
Ms. Kalia Shruti Rajiv	S. E	85

## Research and Development

***Our Second Programme Educational Objective is to exhibit innovation and technological competence in computing all through their careers and this objective is achieved by conducting Workshops and Faculty Development Programs.*** Our research based initiatives are:

- FDP on “**Design and Analysis of Algorithms**” in association with BoS Computer Engineering, SPPU, with 30 participants and coordinated by Mr. S.S.Sambare and Dr. Mrs.S.D.Patil, organized on 8<sup>th</sup> June 2015 to 12<sup>th</sup> June 2015 and inaugurated by Mr. Manoj Upadhyay, Tech Mahindra, Pune.
- Guest Lecture on “**Awareness about Cyber Security and Ethical Hacking**” was conducted by Mr. Mahesh Rakheja on 4<sup>th</sup> July 2015 organized under the platform of SIG Information Security.



FDP on DAA



Cyber Security  
and Ethical Hacking

- Workshop on **"Research Proposal writing"** conducted by Dr. J. S. Umale and Dr. Mrs. A. D. Thakare on 29<sup>th</sup> June 2015 and coordinated by Mrs. Reena Kharat..
- A session on **"Major Proposal Writing and Funding"** was conducted by Dr. N. Karthikeyan, NCL, Pune organized on 16<sup>th</sup> July 2015 under SIG "Database and Information Management".



**Knowledge Innovation Strategy**



**Session On Hadoop & Translator Tool**



**Aptitude Training**

- **"PG Level Project Competition"** organized on 2<sup>nd</sup> - 3<sup>rd</sup> Nov 2015 and coordinated by Mrs. Reena Kharat & Mrs. Sonal Gore.
- **One week FDP on "Research Trends in Computer Engineering"** organized from 3<sup>rd</sup> to 7<sup>th</sup> November 2015 was coordinated by Mrs. Reena Kharat and Mrs. Sonali Tidke. Dr. S. D. Thepade, Prof. S. S. Deshmukh, Mr. S. Hule, Mrs. S. Vispute, Mrs. S. Gudadhe were the Resource faculty.
- **Guest Lecture on "Knowledge Innovation Strategy"** conducted by Dr. Parag Kulkarni organized on 1<sup>st</sup> September 2015 and coordinated by Mrs. Sonali Tidke .
- **Two days workshop on "GPU Computing"** was conducted by Mrs. Ujjwala Bhangale, Research Scholar, IITB, organized on 5<sup>th</sup> & 6<sup>th</sup> Nov. 2015. Coordinated by Dr. Mrs. A. D. Thakare, for ME students.
- **Expert Session on "Advanced Storage Systems"** was conducted by Mr. Milan Gandhi, Red Hat, organized on 5<sup>th</sup> September 2015. Coordinated by Dr. Mrs. A. D. Thakare, for ME students.
- **Session on "Introduction to Hadoop and translator tool"** was conducted by Mr. Lokesh Katore, Mr. Shyam Deshmukh, Sungard Ltd. , organized on 17<sup>th</sup> October 2015. Coordinated by Dr. Mrs. A. D. Thakare, for ME students.
- **Session on "NoSQL databases and MongoDB"** was conducted for ME students by Mrs. Sushma Vispute, organized on 18<sup>th</sup> September 2015 for ME Students.



**PG Level Project Competition**



**Research Trends in Computer Engineering**



**NoSQL databases and MongoDB**

- **Seminar on "Introduction to WEKA"** was conducted by Dr. A. D. Thakare, organized on 29<sup>th</sup> August 2015 for ME Students.
- **Session on "Aptitude Training"** was conducted by Mr. Ronak Shaha, organized in July 2015 for ME Students.

## Faculty Patents

- Dr. Sonali Patil has filed a patent (4140/MUM/2015) titled "Implementation of Secure Bank Locker System Using Secure Secret Sharing Scheme and FPGA".

## Faculty Publications

**Faculties of Computer Engineering Department have published around 50 papers with UG & PG Students.**

- Dr. Sonali Patil, Mr. Rahul Pitale, Mr. Kapil Tajane "Enhancing the security of bank locker system using Random after grids", in Emerging Research in Computing, Information, Communication and Applications (ERCICA), Springer, Volume: 01<sup>st</sup> August 2015.
- Mrs Ritika Hirwane, "Content Based Image Retrieval: Feature Extraction, Current Techniques, Promising Directions" in IJARCSSE, Volume: 5, 5, May 2015 ISSN: 2277 128X.
- Mrs. Meghana P. Lokhande, Mrs. Namrata Gawande, Mrs. Shweta Koparde "Text Summarization Using Hierarchical Clustering Algorithm And Expectation Maximization Clustering Algorithm", International Journal of Computer Engineering & Technology (IJCET) Volume 6, Issue 10, October 2015.

- Ms. Madhura Kalbhor " Video classification using Thepade's Sorted Block Truncation Coding using Bayes, Function, Lazy, Rule and Tree Classifiers", International Journal of Engineering and Advanced Technology (IJEAT)ISSN:2249-8958, Volume-4 Issue-5, June 2015.
- Dr. K Rajeswari." Feature Selection by Mining Optimized Association Rules based on Apriori Algorithm", International Journal of Computer Applications 119(20):30-34, June 2015.

### Faculty Participations

- Mrs. Bodireddy Mahalakshmi attended two days FDP on “Computer Laboratory-1” on 2<sup>nd</sup> and 3<sup>rd</sup> July 2015 at GHRIET, wagholi, pune.
- Mrs. Shweta Koparde has attended FDP on “Smart System Design and Applications” on 17<sup>th</sup> July 2015 at JSPM's Narhe Technical Campus, Narhe.
- Mrs. Sonali Tidke has attended FDP on “Smart System Design and Applications” on 17<sup>th</sup> July 2015 at JSPM's Narhe Technical Campus, Narhe.
- Mrs. Sushma R. Vispute, Ms. madhura Kalbhor attended “Training on Oracle 11g” from 10<sup>th</sup> to 18<sup>th</sup> June 2015 at PCCoE by KPIT Pune.
- Mr. Rahul Patil has attended FDP on “Overview of Oracle Ecosystem” from 30<sup>th</sup> Nov to 4<sup>th</sup> Dec at KPIT Pune.

### Interaction with Outside World

- Mr. S. S. Deshmukh worked as Reviewer for IEEE Transaction on Vehicular Technology.
- Dr. Sonali Patil worked as Reviewer for International Conference on Industrial Instrumentation & Control (ICIC 2015), COEP, Pune.
- Through UG & PG Projects faculty interacts with research organizations, Industries like NCL, Atreya Innovations & Persistent.
- Dr. K. Rajeswari invited as Judge and Session Chair for Regional Conference "INNOVATION2015" organized by BCUD, SPPU and DYP Akurdi Pune on 7<sup>th</sup> September 2015.

### Invited Talks / Judge / Resource Person

- Mrs. Sonal Gore was invited as a Resource person for delivering a session on “Linux OS design issues” related to embedded system to the students of M. E. VLSI & Embedded System on 26<sup>th</sup> October 2015.
- Mrs. Meghana Lokhande, Mrs. Namrata Gawande were invited as Judge for event “DIGICOM”, at PCCoE on 15<sup>th</sup> September 2015. (“Anantya” Engineers Day)
- Mrs. Reena Kharat, Ms. Shailaja Pede, Ms. Harshada Mhaske, Mrs. S. Gudadhe, Mrs. P. Dhade were invited as Judge for “UG Poster Competition”, at Department of Computer Engineering, PCCoE on 5<sup>th</sup> September 2015.
- Mr. Sudarshan S. Deshmukh invited as a Resource person for SPPU Sponsored FDP on “Computer Laboratory-1” held at G. H Raisonry Institute of Engineering and Technology, Wagholi on 2<sup>nd</sup> & 3<sup>rd</sup> July 2015.
- Mrs. Sushma R. Vispute invited as a Resource person for “workshop on Emerging trends in databases with MongoDB and Cassandra” for PG Students held at PCCoE on 16<sup>th</sup> October 2015.
- Mrs. Sushma R. Vispute, Mrs. Rajasree Rs was invited as Judge for “Circuitomania” competition in Digital India week, at IT Department, PCCOE on 6<sup>th</sup> July 2015.
- Mrs. Alka Londhe was invited as a Resource person for delivering a session on “Multicore Processor” on 22<sup>nd</sup> August 2015 at Rajarshi Shahu College of Engineering, Pune.

### Ph. D. Registrations

- Mrs. Reena Kharat has registered for Ph. D in Computer Engineering at the research centre “Gandhi Institute of Technology and Management, Visakhapatnam”, in the area of Information Security.
- Mrs. Sonali Tidke has registered for Ph. D in Cyber Security at the research centre “UG Department, Sant Gadge Baba Amravati University”, in the area of “Detection and Prevention Mechanism of Mobile Botnet Attack”.

## Consultancy Work

- Mr. S. R. Kokate got Consultancy Project Grant Rs. 25, 000/- from Engineering Design Software & Services Pvt. Ltd. on date 25<sup>th</sup> April 2015.
- Consultancy work : Rs. 28, 800/- from Techbharat Consulting Pvt. Ltd, Delhi in association with ACT IIT Kharagpur for conduction of Big Data Hadoop workshop. Computer Department faculty were involved in designing the course module.

## Ph. D. Completion

- Prof. Sonali Patil's, thesis titled "Construction of Multifarious Secrete Sharing with Augmented Abilities" has accepted for award of Ph. D. degree in November 2015.

## Industry Institute Interaction

*Our Third Programme Educational Objective is to inculcate effective communication skills, teamwork spirit and professional ethics in students to meet employers need at large and prepare them for higher studies.*

To strengthen this PEO, we strive to increase our Industry Institute Interactions & put more initiatives in overall student development activities.

## T & P Activities

- Mock Aptitude Preparation Test was conducted on 29<sup>th</sup> June 2015 to 5<sup>th</sup> July 2015.
- Mock Interviews (Technical / HR) for B. E. Students as part of placement preparation was conducted on 17<sup>th</sup> July 2015.

## Placement Details

Total 117 students of Computer department have been placed till date in companies of repute as follows:

KPIT Technology Ltd. ( 61), L&T Infotech(08) and Capegemini(10), Newgen(07), 3DPLM(04), Mercedes-Benz(03), Persistent(05), Webonise(01), Quick Heal(01), Misigma(01), Nihilent(02), Borm Bruckmeier Infotech (02), Polaris (01), Dimentrix(01), Xorient(03), BITWISE(01), NTT Data(06)

## Industrial Visit

- Visit to GMRT, Khodad, Pune for M. E. Second year students was arranged on 4<sup>th</sup> September 2015.



Visit to GMRT

## Student Development and Welfare

### Overall Student Development Initiatives

#### Computer Engineering Students Association (CESA)

CESA Coordinator: Dr. Sonali Patil

ACM Coordinator: Mr. Rahul Pitale

#### Student Association

- The CESA Induction and Reader's club inauguration on 27<sup>th</sup> July 2015.



Induction Programme



Inauguration of Readers Club

## ACM Student Chapter

- Distinguished Speaker Programme on “**Multicore Programming & Challenges**” organized on 21st July 2015. Dr. R. K. Shyamasundar, Senior Professor at Tata Institute of Fundamental Research and JC Bose National Fellow shared his thought.
- The Eminent Speaker Programme on “**Mathematical Modelling**” was organized on 25<sup>th</sup> August 2015. Dr. Abhijat Vichare was the speaker for the event.
- The guest lecture on “**Fun with Algorithms**” was organized by Computer Engineering Department on 8<sup>th</sup> August 2015. The Speaker of the program was Mr. Sachin . P. Lodha, Principal Scientist at TCS.
- The guest lecture on “**Recent Trends in IT**” on 5<sup>th</sup> August 2015. The Speaker of the programme was Mr. Jitendra Shelar, Senior Software Developer at CISCO.



Speaker Programme on  
Multicore Programming



Speaker Programme on  
Mathematical Modelling



Fun with Algorithms



Research Trends in  
Computer Engineering

- The guest lecture on “**Theory of Computation**” was organized on 14<sup>th</sup> September 2015 by Mr. Vivek Kulkarni, Chief Architect, Persistent LABS.
- The Workshop on “**Hackthon-Android and Cloud Computing Development**” was organized on 3<sup>rd</sup>- 5<sup>th</sup> July 2015 by Mr. Mahesh Rakheja, Independent Security Researcher and Developer.
- “**Technical Event Anantya**” was organized by Computer Engineering Department on 15<sup>th</sup> September 2015 on the occasion of Engineers Day.



Lecture on Theory  
of Computation



Workshop on Hackthon



Technical Event Anantya

- Technical Competition “**Digital India Week**” was organized by Computer Engineering Department on 13<sup>th</sup> July 2015.

- **Session on “Leadership Skills, Business Etiquettes and Corporate Grooming”** on 24<sup>th</sup> August 2015 by Mr. Vikram Chandgude, Student Forum. Coordinated by Mrs. Deepa Abin

- **Session on “Emotional Intelligence”** was organized on 14<sup>th</sup> August 2015. The session was conducted by Mr. Swapnil Pande.

- Session on **“Success Mantra”** was organized on 3<sup>rd</sup> August 2015 by Mrs. Meera Natrajan.

- Guest Lecture on **“Group Discussion & Personal Interview”** on 13<sup>th</sup> August 2015 by Mrs. Swati Malhotra.



Session on Emotional Intelligence

- Awareness session for **“CAT & GRE”** was organized by Mr. Avnesh Joshi from IMS Academy on 19<sup>th</sup> August 2015.



Lecture on Group Discussion & Personal Interview



Awareness Session for Higher Education

- **The “Guidance Session for IAS/IPS/MPSC”** on 4<sup>th</sup> September 2015 by Mr. Manohar Bhole.

- **Workshop on “Big data Hadoop”** on 27<sup>th</sup>-28<sup>th</sup> June 2015 & 5<sup>th</sup>-6<sup>th</sup> September 2015 by Mr. Manish Jain Techbharat in association with ACT IIT Kharagpur.

- **Art Circle Performed a skit “Dishaye”** on Teacher's day celebration on 5<sup>th</sup> September 2015 under guidance of Mrs. S. Pede.

- **The “Gurupournima”** was organized by Art Circle Computer Engineering Department on 31<sup>st</sup> July 2015.



Guidance Session for IAS / IPS / MPSC




Session on Big data Hadoop



Gurupournima Celebration

## Student Achievements

- Darshit Patel, Student of Computer Department (B. E.) has selected as Department Editor for ACM's XRDS Magazine which is international level student magazine of ACM.

	<p><b>Darshit Patel</b> 🌐 @ <i>Pimpri Chinchwad College of Engineering, India</i> Department Editor</p> <p>A final Year undergraduate student studying Computer Engineering at Pimpri Chinchwad College of Engineering, Pune, India. He has been the Secretary of the college's ACM Student Chapter. His topics of interest include web development, algorithms and competitive programming. When not studying, he's usually found in the company of books.</p>
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- Raj Negi, Sumit Kumar, Kaushik Ghosh successfully qualified for ASIA Regional International Collegiate Programming Contest (ICPC).
- Aniket Bansode, Aditya Kamble, Kiran Gupta , Zonal winner for industrial level winter training program conducted by NSC (Cisco Network Security) IIT Kanpur from 15<sup>th</sup> December to 30<sup>th</sup> December 2015.

## Social Commitment

***Our Fourth Programme Educational Objective is to create awareness among students about social commitment and responsibilities.***

To strengthen this pillar, we organize various activities which are small initiatives to give back a little to the society from where we take so much.

## Social Concern / Activities

Department organized "Cleanliness Drive" on 12<sup>th</sup> September 2015 at Ghoradeshwar Temple, Pune.

Department of Computer Engineering Teaching and Non Teaching members contributed Rs. 12,000/- for the purchase of blankets for orphanage "Gurukulam", Chinchwad on 30<sup>th</sup> October 2015 as a part of social responsibility.



# Information Technology Programme

## From HOD Desk

Now days, the applications of Information Technology have been introduced in variety of disciplines benefitting and simplifying the human life at large. Keeping this in mind, Information Technology Programme at Pimpri Chinchwad College of Engineering works with a vision to develop Information Technology professionals through Quality Education and dedicated Faculty. The programme focuses on four key areas being excellence in Academics, inculcation of Research aptitude, overall Personality Development and awareness of Social and Ethical concerns. The Information Technology Department has well established state of the art computer laboratories and class rooms equipped with modern teaching aids and computing facilities. The programme works on four principles AWCT (alias disciplined Academics, Wholistic student development, Continual faculty growth and total Transparency). Inline with these principles the competent Faculty and dedicated Staff do work hard to groom the technical and overall personality of students. The meticulously planned, outcome based curriculum delivery with co-curricular and extra-curricular enjoyable learning activities do make the programme as a preferred place of admission. The consistency in impressive academic results, good numbers of placements and rising number of research publications have given the Information Technology Programme a remarkable recognition.

Dr. Sudeep Thepade

## Academic Excellence

***First Programme Educational Objective is to provide students with substantial understanding of Information Technology fundamentals to develop their technical competence to address the real life problems.***

We foster the development of Information Technology professionals with focus on excellent academics with sound academic fundamentals through matured teaching learning process, seminar and project based learning, enjoyable learning activities which results in good academic results.

Results of BE (2012 Course) of Semester-II are excellent with 100% all clear and more than 100% students passed with First class and Distinction grade.

Highlights of Academic Excellence in SPPU Examination Results for Semester-II 2014-2015:

Name	Class	Result in %
Ms Ankita Walunj	B. E	75.87
Mr. Suryawanshi Amol	T. E	76.87
Mr. Amit Gurbani	S. E	77.93

- **“Website Development Using PHP”** was organized by Mr. S. R. Jadhav on 5<sup>th</sup> and 6<sup>th</sup> September 2015. The training was given by Mr. Vaibhav Kanth Manager Code Cultivate LLP certified trainer and Mr. Manish Lad to facilitate the PHP basics for web application development.
- **In House training programme on 'Applicability of Basics in C language'** was conducted by Ms. Babita Sonare, Ms. Neelam Pokale and Dr. Sudeep Thepade of 40 Hrs from 22<sup>nd</sup> June 2015 to 07<sup>th</sup> July 2015
- **Circuit-o-Mania: A digital circuit design competition** was organized by Ms. Swati Jadhav on 6<sup>th</sup> July 2015.
- **Web-o-Mania: A website design competition** was organized by Mrs. R. S. Gound on 6<sup>th</sup> July 2015.
- **Digital India 2030-Poster-Model Presentation:** A Poster/Model Making competition was organized by Ms. Anagha Chaudhari on 3<sup>rd</sup> July 2015.



Website Development Using PHP



Circuit-o-Mania



Web-o-Mania

## Research and Development

*Second Programme Educational Objective is to train the students with the knowledge and skills in the area of Information Technology for analysis, design and implementation of real life problems.*

We boost our students to create novel ideas and give solutions to the contemporary and emerging issues in information technology domain and develop research aptitude and environment through R&D workshops and research activities resulting in good international research publications and research grants and patents.

- A Workshop on **"BIG DATA and Hadoop"** by Mr. Sachin Jadhav, Senior Data Scientist and Big Data Consultant, Corporate trainer in IT, was organized by Dr. Swati Shinde on 13th September 2015 to understand processing of big data using Hadoop technology.
- A FDP on **"Patenting"** by Dr. Harish Tiwari and Mr. Ujjawal Shirode, was organized by Mr. Vijay Katkar on 4<sup>th</sup> July 2015 to motivate the students and faculty members for filing patents.



Workshop on BIG DATA and Hadoop

## Guest Lectures

- **"Effective Planning of Projects, Seminars and Research Paper Publication"** was conducted by Ms. Anagha. N. Chaudhari on 10<sup>th</sup> September 2015.
- **"Algorithmic Strategy"** was delivered by Prof. A. M. Kurkure on 3<sup>rd</sup> September 2015 to enable the students to write the algorithms for their problem definition chosen for ME project.
- **"Operating systems internals"** was delivered by Mr. Milind Penurkar on 3<sup>rd</sup> sept 2015 to perform the experiments on Operating systems internals.
- **"Project Guidance"** was delivered by Mr. Sharad Pustake was organized for ME IT students on 30<sup>th</sup> July 2015 to make students, aware of real life problems and its implementation.
- All the guest lectures were organized by Dr. S. V. Shinde.



Guest Lecture on Planning of Projects



Guest Lecture on Algorithmic Strategy



Guest Lecture on Project Guidance

## MoUs

- EMC Academic Alliance.

## Faculties Remarkable Achievements

- The Article Published by Dr. Sudeep Thepade is worldwide in top 20 most viewed articles in SpringerPlus of last 30 days (at Number 19) with title "Multi technique amalgamation for enhanced information identification with content based image data", published in SpringerPlus a prestigious International Springer Open Journal (Issue: Volume 4, Pages 1 to 26, DOI 10.1186/s40064-015-1515-4)
- Dr. Sudeep Thepade has published a paper on "Multi technique amalgamation for enhanced information identification with content based image data" in Springer Plus (a Springer Open Journal), Volume 4, Issue 1 on December 2015.
- Dr. Swati Shinde heading the special session based on Advances in Data Mining Algorithms, Artificial Neural Networks and Soft Computing Techniques for the First International Conference on Research in Intelligent Computing in Engineering (RICE - 2016), Nagpur, India.
- Dr. Swati Shinde and Dr. U. V. Kulkarni, has published a paper on "Mining Classification Rules from Modified Fuzzy Min-Max Neural Network for Data with Mixed Attributes, " in Elsevier Journal -Applied Soft Computing Journal, pp. 364-378, December 2016.
- Dr. Swati Shinde got appreciation and recognition for Research work in the field of Engineering by the INDO Global Engineering Excellence Award-2015 on 19<sup>th</sup> September 2015.



## Faculty Publications

- Dr. Sudeep Thepade, "Video Classification using Thepade's Sorted Block Truncation Coding using Bayes, Function, Lazy, Rule and Tree Classifiers" in International Journal of Engineering and Advanced Technology (IJEAT), Volume-4, Issue-5, June 2015.
- Dr. Sudeep Thepade, "Comprehensive Performance Comparison of Fourier, Walsh, Haar, Sine and Cosine Transforms for Video Retrieval with Partial Coefficients of Transformed Video", in International Journal of Computer Applications (IJCA), Volume 120, Issue 9, 2015.
- Dr. Sudeep Thepade, "Thepades Sorted Ternary Block Truncation Coding with Score level fusion for Multimodal Biometric Identification using Iris & Palmprint", in International Journal of Computer Science and Engineering (IJCSE), Volume 3, Issue 5, 2015.
- Dr. Sudeep Thepade, "Secret Sharing based Secure Authentication System", in International Journal of Computer Application (IJCA), Volume 118, Issue 22<sup>nd</sup> May 2015.
- Dr. Sudeep Thepade, "Performance Assessment of assorted similarity Measures used in Gray Image Colorization using LBG Vector Quantization Algorithm", in IEEE International Conference on Industrial Instrumentation and Control 2015 (ICIC 2015) from 28<sup>th</sup> to 29<sup>th</sup> May 2015.
- Dr. Sudeep Thepade, "Novel Video Keyframe Extraction using KPE Vector Quantization with Assorted Similarity Measures in RGB and LUV Color Spaces", in IEEE International Conference (ICIC 2015) from 28<sup>th</sup> to 29<sup>th</sup> May 2015.
- Dr. Sudeep Thepade, "Performance Comparison of Color Spaces in Thepade's Transform Error Vector Rotation Algorithms of Vector Quantization for Grayscale Image Colorization with Slant and Hartley Transforms", in IEEE International Conference (ICIC 2015) from 28<sup>th</sup> to 29<sup>th</sup> May 2015.
- Dr. Sudeep Thepade, "Multimodal Identification Technique using Iris & Palmprint traits with Matching Score Level In Various Color Spaces with BTC of Bit Plane Slices", in IEEE International Conference (ICIC 2015) from 28<sup>th</sup> to 29<sup>th</sup> May 2015.
- Dr. Swati Shinde, "Hypothesis on different data mining algorithms" in International Journal of Engineering Research and Applications on December 2015.
- Ms. Jayashree Katti, Ms. Santoshi Pote, Mr B. K. Lande, "Two Level Encryption based on One Time Pad and Koblitz Method of Encoding" in International Journal of Computer Applications (IJCA), on 18<sup>th</sup> July 2015.

- Ms Jaya Diwan, "Vector quantization based image compression with kekre, walsh and slant wavelet transforms in thepade's transform error vector rotation cod Vector quantization based image compression with kekre, walsh and slant wavelet transforms in thepade's transform error vector rotation codebook", in IEEE Bombay Section from 10<sup>th</sup> to 11<sup>th</sup> September 2015.
- Ms. Anagha Chaudhari, Mr. Amitabh Mudiraj and Dr. Swati Shinde, "Developing an Expert IR System from Multidimensional Dataset", in International Journal of Computer Applications (IJCA) July 2015 Edition.
- Ms. Anagha Chaudhari, "A Novel Approach for Development of an Expert IR System using Dimensionality Reduction Techniques and Clustering Approaches for High Dimensionality Dataset", in International Journal of Computer Applications (IJCA) October 2015 Edition.
- Ms. Babita Sonare, Mr. Pritam H. Patil, Dr. Sudeep Thepade, "Hadamard based Video Key Frame Extraction using Thepade's Transform Error Vector Rotation with Assorted Similarity Measures" in International Journal of Computer Applications (IJCA), July 2015.
- Ms. Ashwini Tonge, "Keyframe extraction for video contents summarization using orthogonal transform and fractional energy coefficient" in IEEE Conference ICIP-2015.
- Ms. Neelam S. Pokale, Ms. Jyoti R. Yemul, "A Novel Document Retrieval Scheme using Relational Keyword Search System" in International Journal of Computer Applications (IJCA) on 18<sup>th</sup> July 2015.

### **Student Publications**

- Ms. Ruchita Dhulkar, Mr. Ajit Pokharkar and Mrs. Rohini Pise, "Survey on different attacks in Wireless Sensor Networks and their prevention system" in International Research Journal of Engineering and Technology (IRJET), Volume 2 Issue 7, October 2015.
- Ms. Komal Rahane, Ms. Poonam Rajurkar, Ms. Neha Pathak, Mr. Aditya Bhor and Ms. Anagha Chaudhari, "Comprehensive Comparison of Various Approaches for Implementation of Expert IR System through Pre-processing and Clustering" in International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) October 2015 Volume 3, Issue 10.
- Ms. Poonam Rajurkar, Mr. Aditya Bhor, Ms. Komal Rahane, Ms. Neha Pathak and Ms. Anagha Chaudhari, "Efficient Information Retrieval through Comparison of Dimensionality Reduction Techniques with Clustering Approach" in International Journal of Computer Applications (IJCA) November 2015 Edition.
- Ms. Shraddha Lohar, Ms. Priyanka Howale, Ms. Sanketa Pradhan, Mr. Mehul Redekar and Ms. Anagha Chaudhari, "Implementation of Improved IR System through Swarm Intelligence Technique" is published in International Journal on Recent and Innovation Trends in Computing and Communication IJRITCC October 15 Volume 3, Issue 10.
- Ms. Sanketa Pradhan, Ms. Priyanka Howale, Ms. Shraddha Lohar, Mr. Mehul Redekar and Ms. Anagha Chaudhari, "Comparison of Swarm Intelligence Techniques for Improved Information Retrieval System" in International Journal of Computer Applications (IJCA) November 2015 Edition. Will be published on 18<sup>th</sup> November 2015 in Digital Library.
- Ms. Neha Pathak, Ms. Poonam Rajurkar, Mr. Aditya Bhor, Ms. Komal Rahane and Ms. Anagha Chaudhari, "Effective Approach towards Expert IR System through Comparison of Various Preprocessing Techniques" in International Conference on Advances in Engineering, Science and Management, ICAESM-15.
- Mr. Anurag Jain and Mr. Vijay Katkar, "Sentiment analysis of twitter data using social media" International Conference on Information Processing, 2015 IEEE on 20<sup>th</sup> August 2015.
- Mrs. Bhavana Suryawanshi and Mrs. Jaya Dewan, "Image Compression Using Assorted Colorspaces with Kekre, Slant and Walsh Wavelet Transforms in TTEVR Codebook for Vector Quantization", IEEE International Conference on Information Processing from 16<sup>th</sup> to 19<sup>th</sup> December 2015.

### **Interaction with outside world**

- Dr. Sudeep D. Thepade invited as Session Chair for the session 'Image Processing' at IEEE International Conference on Information Processing 2015 (ICIP 2015) at VIT Pune on 17<sup>th</sup> December 2015.
- Dr. Sudeep D. Thepade, invited as Judge and Session Chair for Regional Conference "INNOVATION2015" organized by BCUD, SPPU and DYP Akurdi Pune on 7<sup>th</sup> September 2015.

- Dr. Swati Shinde worked as Reviewer for the International Conference on Information Security and Privacy (ICISP 2015) at G. H. Raisoni College of Engineering, Nagpur, India from 11<sup>th</sup> to 12<sup>th</sup> December 2015.
- Dr. Swati Shinde worked as Reviewer for IEEE UP Section Conference on Electrical, Computer and Electronics at Indian Institute of Information Technology Allahabad from 4<sup>th</sup> to 6<sup>th</sup> December, 2015.
- Dr. Swati Shinde worked as Reviewer for the IEEE conference on computer and computational sciences (ICCCS 2015).
- Dr. Swati Shinde invited as Judge and Session Chair for Regional Conference “INNOVATION2015” organized by BCUD, SPPU and DYP Akurdi Pune on 7<sup>th</sup> September 2015.
- Dr. Swati Shinde working as a Subject Chairman for the University Practical Examination of the 2012 Course- Database Management System Laboratory-III of TE- IT programme during A. Y. 2015-16.
- Dr. Swati Shinde working as a Subject Chairman for the Course Seminar-III of ME IT programme since A. Y. 2014-15.
- Mrs. J. V. Katti worked as reviewer for IEEE International Conference on Information Processing 2015 (ICIP 2015) at VIT Pune on 17<sup>th</sup> December 2015.
- Mr. Vijay Katkar, worked as Reviewer for IEEE International Conference on Information Processing 2015 (ICIP 2015) at VIT Pune on 17<sup>th</sup> December 2015.
- Mrs. Vaishali Kulloli invited as Judge for post graduate level project competition organized by computer department on 2<sup>nd</sup> and 3<sup>rd</sup> November 2015.
- Ms. Anagha Chaudhari was invited as Judge for “A Unique Way of Presenting Social Issue”, a Wall Magazine Competition” organized by First Year Engg department on 6<sup>th</sup> October 2015.

### **Invited Talks / Judge / Resource Person**

- Dr. Sudeep Thepade was Invited and has Delivered a Session on 'Video Content Summarization and Video Mining' at ISTE STTP on 'Multimedia Processing and Security' at Thakur College of Engineering and Technology, Kandivali, Pune
- Dr. Sudeep Thepade was Invited for and has Delivered Guest Talk on 'Research Patenting' in National Workshop on 'Advanced Techniques to Write and Present Research Paper' at JSPM's JSCOE, Hadapsar, Pune 22<sup>nd</sup> September 2015
- Dr. Sudeep Thepade was Invited for and has Delivered Guest Talk on 'Reading and Writing Research Paper' for Staff Members and BE Students of MMCOE, Pune 9<sup>th</sup> September 2015
- Dr. Sudeep Thepade delivered expert talk on “Image Processing using Matlab” for the faculty development program at Computer Department PCCoE, Pune on 4<sup>th</sup> November 2015
- Dr. Sudeep Thepade delivered expert talk on “Research Methodology: Research Hypothesis” for the ME (Design), ME (Heat Power) and ME (VLSI) at PCCoE, Pune on 23<sup>th</sup> September 2015.
- Dr. Swati Shinde delivered expert talk on “Plagiarism and Cyber Security” for the ME (Design), ME (Heat Power) and ME (VLSI) at PCCoE, Pune on 27<sup>th</sup> October, 2015
- Dr. Swati Shinde delivered expert talk on “Fuzzy Systems” to ME (IT) students on 16<sup>th</sup> October 2015 at PCCoE, Pune.

### **Faculty Participations**

- Dr. Sudeep Thepade attended the FDP on Revision of Outcome assessment processes on 19<sup>th</sup> August 2015 at PVGCOE, Pune
- Dr. Sudeep Thepade attended the two days workshop on Outcome based education on 2<sup>nd</sup> August 2015 and 3<sup>rd</sup> August 2015 at BMS COE Bangalore
- Mrs. V. C. Kulloli participated in zonal level research competition for teacher “AVISHKAR-2015” organized by BCUD, SPPU Pune on 23<sup>rd</sup> September 2015.
- Mrs. V. C. Kulloli and Mrs. R. G. Pise attended the workshop on Machine Learning and SL- III on 3<sup>rd</sup> July 2015 at SCOE, Pune
- Mrs. V. C. Kulloli and Mr. Vijay Katkar have attended and participated in “INNOVATION - 2015” - the Regional Conference organized by BCUD, SPPU and DYPIEMR Akurdi Pune on 6<sup>th</sup> July 2015.

- Ms. Anagha Chaudhari has attended and participated in “INNOVATION 2015”- Regional Research Conference organized by BCUD, SPPU and DYPIEMR Akurdi Pune on 6<sup>th</sup> July 2015.
- Mrs. J. H. Dewan attended the workshop on LATEX on 29<sup>th</sup> August 2015 at IIT, Bombay
- Mrs. J. H. Dewan attended the FDP on Revision of Outcome assessment processes on 19<sup>th</sup> August 2015 at PVGCOE, Pune.
- Mrs. R. G. Pise attended the workshop on NPTEL on 9<sup>th</sup> October 2015 at MIT, Alandi, Pune
- Ms. T. S. Sali attended the workshop on Discussion on Software Modelling & Design and Software Laboratory- IV for BEIT- 2012 Course on 30<sup>th</sup> June 2015 at Cummins COE, Pune.

## Industry Institute Interaction

**Third Programme Educational Objective is to groom the students overall personality for professional growth.**

We inculcate necessary skills and knowledge to groom their overall personality to make them corporate ready through various aptitude sessions, group discussion and personal interview orientation programs, industrial training, industry sponsored projects and industrial visits resulted in to good number of placements.

### Placements

- Total 41 job offers are bagged by students of IT
- The company wise details are:

KPIT	19	Capgemini	4	L&T Infotech	2
Persistent	2	Newgen	2	Nihilant	1
Quick Heal	1	Polaris	1	Infostretch	1
Mphasis	1	Amazon	3	Bombardier	1
Xoriant	1	Tech Mahindra	1		

### Seminar

- “How to handle academics with co-curricular & extracurricular activities” was conducted by our alumni Mr. Siddhant Kulkarni on 31<sup>st</sup> July 2015 for TEIT & BEIT students

## Student Development and Welfare

### Student Development Initiatives

#### Distinguished Event



Digital India 2030



Poster Presentation Competition

- “Digital India Week” was conducted from 1<sup>st</sup> July 2015 to 7<sup>th</sup> July 2015 to create awareness among the students pertaining to latest trends in technologies and encouraged students to take initiative and come forward with innovative and amazing ideas that would make India Technologically stronger. Video recording of selected posters and models was done by the department and sent to the PM's Office.

## Information Technology Student Association (ITSA)

- "REMETTRE-2015" event was organized on 7<sup>th</sup> July 2015 to felicitate core committee members. Old committee transferred their charges and responsibilities to new ITSA 2015-16 core committee members



REMETTRE-2015



REMETTRE-2015

- "TECHNOSPARK" was organized from 28<sup>th</sup> to 30<sup>th</sup> July 2015 to enhance the social networking related knowledge and digital poster creation using different software and impart creativity in innovative poster preparation on current issues with logical thinking.



TECHNOSPARK



TECHNOSPARK

## Student Chapter (CSI & IEEE) Activities

- "CODE-IT" was organized from 27<sup>th</sup> August 2015 to 31<sup>st</sup> August 2015 under PCCoE IEEE Student Chapter under the PCCoE IEEE Student Chapter to make students competent in knowledge about C-Programming skills and designing flowcharts and impart creativity in C-programming with optimal solutions.



CODE-IT

- "EUREKA 2015" was organized on 1<sup>st</sup> October 2015 under Student Chapter to evaluate students on the basis of their projects and presentations to thoroughly understand the depth of the topic and concept. It comprised of different events such as Innovative Poster/Digital Poster/Project Presentation (BE and ME Students), DBMSL Mini-Projects Presentation (TE Students) and New Product Development Idea Presentation (SE Students)



EUREKA 2015  
Valedictory Function

## Guest Lectures and Seminars

- "GATE Awareness" was conducted for SE students on 8<sup>th</sup> September 2015 by Mr. Paresh Gugale, from Imperial Institute of Excellence.
- "Guidance on IAS/ IPS/ MPSC for engineering graduates" was conducted for SE, TE, BE students on 4<sup>th</sup> September 2015 by Mr. Manohar Bhole from Unique Academy.

- **“Awareness about GRE / CAT examination and its preparation”** was conducted for SE students by Mr. Anvesh Joshi from IMS Academy on 19<sup>th</sup> August 2015.
- **“Corporate Etiquettes and Leadership Skills”** was conducted for SEIT students on 11<sup>th</sup> September 2015 by Student Forum.

## Student Achievements

- Komal Vijay Sonawane Gadade (TE IT) won 2<sup>nd</sup> prize in Vinodottam karandak 2015 organized by One Kid Foundation from 29<sup>th</sup> September to 3<sup>rd</sup> October 2015.
- Sanjeevani Subhash Gadade (TE IT) won 2<sup>nd</sup> prize in District Swimming Competition organized by SPPU Pune on 28<sup>th</sup> August 2015.
- Sanjeevani Subhash Gadade (TE IT) won 3<sup>rd</sup> prize in Swimming Competition 2015 organized by PC Swimming Association on 29<sup>th</sup> August 2015.
- Aditya Bhor and Neha Pathak (BE IT) have presented a paper on “Effective Approach towards Expert IR System through Comparison of various Preprocessing Techniques” at VIT, Pune on 30<sup>th</sup> August 2015, which was selected in 7 best research papers out of 100 papers.

## Social Commitment

*Fourth Programme Educational Objective is to inculcate values and ethics among the students and making them aware about their social commitments.*

We nurture in our students the sense of social commitment, ethical values to become good social and responsible citizens of the society through the department NSS cell activities.

**“E-waste Management”** event was organized on 3<sup>rd</sup> July 2015 by ITSA, to make students aware about the “E-waste” and Recycling the E-waste. The event was successfully conducted under the guidance of Dr. S. D. Thepade (HOD IT), Ms. Anagha Chaudhari (ITSA I/C) and ITSA core committee.



# Civil Engineering Programme

## From HOD Desk

Dear Stakeholders,

The Department focuses on the overall development of the students through innovative teaching and learning. One of the main objectives of the Department is to produce qualified, competent and employable civil engineering graduates to cater the needs of industry and society by imparting requisite knowledge and training in different areas of Civil Engineering and emerging technologies. The department has highly qualified faculty.

Dr. S. T. Mali

## Academic Excellence

*Our First Programme Educational Objective is to embed sound academic fundamentals among the students to formulate, analyze and solve Civil engineering problems.*

Our initiatives in academic domain are evident from our SPPU Examination Results for Semester-II 2014-2015. Our students who have excelled in the university exams with flying colours are:

Name	Class	Result in %
Mr. Parag D. Mahajan	T. E	76.20
Mr. Kartik Pandharkar	S. E	74.20
Ms. Tanvi Pore	F. E	79.30

## Research and Development

*Our Second Programme Educational Objective is to develop student's ability to adopt and build up recent trends in Civil engineering.*

We take every possible effort to boost our students and faculties towards research excellence and inculcate research culture in department. Our research based initiatives are:

- **Two days workshop on “Seismic Design of Building using SAP 2000 & ETABS”** on 28<sup>th</sup> -29<sup>th</sup> August by Mr. V. B. Kale.
- Guest Lecture on **“Recent Trends in Structural Design”** was organized on 10th Jul. , 2015 for TE & BE students on the topic by Mr. Prashant Pokharkar, Structural Design Consultant, Epitome Consultancy Pvt. Ltd. Akurdi.



- Guest Lecture on **“Pavement Construction Method”** organized 17th Jul. , 2015 for BE Civil students under the subject Transportation Engineering by Dr. D. R. Jundhare, Executive Engineer, PCMC Pimpri.
- Guest Lecture on **“Stresses in Soil”** has been organized 4th Sept. , 2015 for SE Civil Students under the subject Geotechnical Engineering by Mrs. S. S. Jain, Associate Professor, SCOE, Wadgaon, Pune.
- Guest Lecture on **“Low Cost treatment for waste water”** has been organized 13Th Sept. , 2015 for BE Civil Students on under the subject Environmental Engineering by Mrs. Pranjali Chivahane, Assistant Professor, PCCoER, Ravet.

### Students Patents

- Mr. Yogesh Sharma student of BE Civil has filed a patent titled 'A Zip with an Instant In build repairing Provision'

### Faculty Patents

- Mr. A. K. Gaikwad filed a Patent(3031/MUM/2015) on “Area Calculation in Surveying for closed Traverse using Cross Multiplication method”.

### Faculty Publications

- Mr. V. B. Kale, “Behavioral Simulation of Flexure of Repaired R. C. Beams by using steel and Coir-Fiber Concrete Jacket” in an International Journal of Advance Foundation and Research in Science & Engineering, Volume: 02, Issue: Special Issue IACE 2015.
- Mr. S. B. Gorade, “Optimization of Procurement Process of Building Paints using Taguchi's Method of Experimental Design” in an International Journal of Advance Foundation & Research in Science & Engineering. Volume: 02, Issue: Special Issue IACE 2015.
- Mr. G. S. Sarode, “Evolving Equipment Productivity Constants for construction Project” in an International Journal of Advance Foundation & Research in Science & Engineering. Volume: 02, Issue: Special Issue IACE 2015.

### Faculty Participations

- Mrs. S. S. Motegaonkar attended one day National Workshop on “Advances in Water Resource Engineering” on 21st Aug. , 2015 at RSCOE, Pune.
- Mr. R. S. Chaudhari attended Faculty development program on “Revit Architecture” on 13th Oct. , 2015 at SIT Lonavala.
- Mr. S. B. Gorade attended Faculty development program on Revit Architecture” on 13th Oct. , 2015 at SIT Lonavala.
- Mr. A. K. Gaikwad attended one day workshop on “BE Civil (2012 Course) Syllabi Drafting” on 12th Jun. , 2015 at AISSMS College of Engineering, Pune.
- Mr. S. S. Motegaonkar attended one day workshop on “BE Civil (2012 Course) Syllabi Drafting” on 12th Jun. , 2015 at AISSMS College of Engineering, Pune.
- Mr. S. B. Gorade attended one day workshop on “BE Civil (2012 Course) Syllabi Drafting” on 12th Jun. , 2015 at AISSMS College of Engineering, Pune.
- Mr. V. B. Kale attended one day workshop on “BE Civil (2012 Course) Syllabi Drafting” on 12th Jun. , 2015 at AISSMS College of Engineering, Pune.
- Dr. S. T. Mali Attended 'Education Summit and AU' on 6th and 7th Aug. , 2015 at Autodesk Education Fulfilment Partner, Mumbai, India.
- Dr. S. T. Mali 'Interactive Session on Prospects for co-operation in Waste Management with a company from the Netherlands' on 7th Aug. , 2015, at ICC Pune, organized by Maharashtra Chamber of Commerce, Industries and Agriculture.
- Mr. J. S. Shedage attended one day National Workshop on “Advances in Water Resource Engineering” on 21st Aug. , 2015 at RSCOE, Pune.

### Invited Talks / Judge / Resource Person

- Dr. S. T. Mali Delivered lecture on Topic: Industrial Waste Water Treatment and Onsite Sanitation and Introduction to Package Sewage Treatment Plant, to B. E. Civil Students, at Department of Civil Engineering, Sinhgad Academy of Engineering, Pune, on 21<sup>st</sup> August, 2015.

- Dr. S. T. Mali delivered lecture on Topic: , Industrial Waste Water Treatment to B. E. Civil Students, at Department of Civil Engineering, KJ College of Engineering and Management Research, Pune, on 21<sup>st</sup> August, 2015.
- Dr. S. T. Mali delivered lecture on Topic: "Overview of Environmental Engineering II" to B. E. Civil Students, at Department of Civil Engineering, Suman Ramesh Tulsiami Technical Campus (SRTC), Khamshet, on 2<sup>nd</sup> October, 2015.
- Dr. S. T. Mali was invited as a Judge for the "PG engineering student poster" at PCCoE, INNOVIA 2015 on 11<sup>th</sup> September 2015.
- Dr. S. T. Mali was invited as an External Examiner for "Dissertation Phase- II, of M. Tech Part- II", at Department of Technology, Shivaji University, Kolhapur on 17th Aug. , 2015.

## Faculties Achievements

- Dr. S. T. Mali Associate Professor received the Certificate of appreciation by Lions Club of Pune Aakanksha, in appreciation of the invaluable services and cooperation extended (Teachers Day Celebration), 6<sup>th</sup> Sept. 2015.

## Ph. D. Registration

Mr. A. K. Gaikwad Assistant Professor has registered for PhD in the field of "Civil Engineering (Construction Management)" at the research Centre Dr. D. Y. Patil Institute of Engineering & Technology Pimpri Pune in the area of "Dispatching Schedule optimizer for ready mixed concrete".

## Industry Institute Interaction

**Our Third Programme Educational Objective is to prepare students for the challenging needs of engineering profession and higher academic pursuits.**

To strengthen this PEO, we strive to increase our industry-institute interactions and put more initiatives in overall student development activities.

## Training and Placement Activities

A Mock interview session for BE(Civil) students was arranged on 19<sup>th</sup> August, 2015 by Mrs. S. B. Gorade & Faculty members in Civil Department having Industrial Experience.

## Placement Details

One student from BE Civil, Mr. Vikaskumar Sharma got placed in Capgemini.

## MoUs

Department of Civil Engineering has signed MoU with M/s. Skyfi Labs Pvt. Ltd. , Bangaluru for Workshops on Software Analysis on 28<sup>th</sup> -29<sup>th</sup> August, 2015.

## Industrial Visits / Tours

- Site Visit for Advanced Concrete Design at "Naiknavre's Egel's Nest" Vadgaon was arranged on Maval.
- Site Visit for Structural Design - I at Tusar FabEngineers, MIDC Chakan was arranged on 24<sup>th</sup> July, 2015.
- Site Visit to "Central Water & Power Research Center", Khadakwasla, Pune was arranged for subjects of Fluid Mechanics & Infrastructural Engineering for T. E & B. E. Students.
- Site visit to "Sewage Treatment Plant ISBR", Akurdi, Pune was arranged under the subject 'Environment Engineering II' for B. E. students.

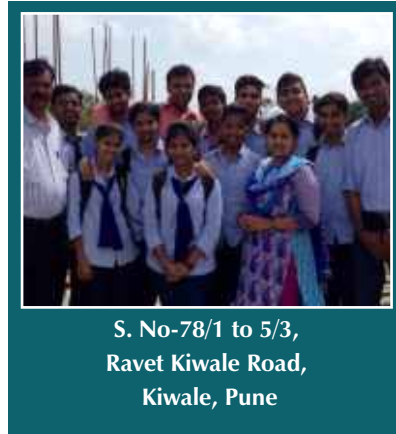


Site Visit

- Site visit to “Pavana Flyover Link”, Pimpri, Pune was arranged under the subject 'Structural Design III' for B. E. students.
- Site visit to “Kunal Aspire”, Balewadi, Pune was arranged under the subject 'Structural Design III' for B. E. students.
- Site visit to “Anwani Infrastructure Hot Mix Plant”, Ravet, and Pune was arranged under the subject 'Transportation Engineering' for B. E. students.
- Site Visit to Dolphin Plaza PCNTDA Nigdi for subject Building Technology & Material was arranged on 17<sup>th</sup> July 2015.
- Site Visit for subject Building Technology & Material at Kohinoor Grandeur', Kiwale was arranged on 1<sup>st</sup> July 2015.



Site Visit for subject Building Technology & Material at Kohinoor Grandeur'



S. No-78/1 to 5/3, Ravet Kiwale Road, Kiwale, Pune

- Site Visit for subject Building Technology & Material at Kohinoor Grandeur', S. No-78/1 to 5/3, Ravet Kiwale Road, Kiwale, Pune
- Site Visit to CME Model Room Khadki for subject Building Technology & was arranged on 5<sup>th</sup> September 2015.

## Student Development and Welfare

### Overall Student Development Initiatives

- **Teacher's Day celebration** on 4<sup>th</sup> September, 2015.
- **Inauguration of Civil Engineering Student Association (CiESA)** was organised on 11<sup>th</sup> September 2015.
- **“DRAFTRIX- The AutoCAD** contest was organised on 23<sup>rd</sup> September, 2015
- **Guest Lecture on "Success Mantra - How to make your dreams a reality"** was arranged on 04<sup>th</sup> July, 2015 for the toppers of SE, TE and BE students of Civil department under the Communication & Personality Development Cell. Mrs. Meera Natrajan was the resource person for the event. Mr J. S. Shedage, CPDC Cell Dept. Coordinator, coordinated the event.

### Social Commitment

***Our Fourth Programme Educational Objective is to develop an ability to relate multidisciplinary Civil engineering issues to social and human context through moral, attitude and team spirit.***

To strengthen this pillar, we organize various activities which are small initiatives to give back a little to the society from where we take so much.



# First Year Engineering Programme

## From HOD Desk

It is a matter of pleasure that the thirteenth volume of our six monthly bulletin 'Newswire' is getting published. I extend my heartiest congratulations to one and all associated with Department of First Year Engineering for their whole hearted support and contribution in fulfilling the expectations and aspirations of newly admitted students and their parents through effective implementation of our best practices in academics, triggering creativity and overall personality development of students. I am sure, the students would get necessary insights and confidence to proceed further on their journey to be competent engineers to take up tomorrow's global challenges. I on behalf of 'Team First Year' wish them 'Good Luck'

Prof. Mrs. S. A. Fulambarkar

## Academic Excellence

The budding engineers begin their journey through the Department of First Year Engineering, hence the main focus of First Year Engineering Department is to prepare strong foundation of students on four basic pillars.

**Department's First Objective is to build necessary academic knowledge base through proper understanding of basic sciences that is Mathematics, Physics, Chemistry & fundamental subjects of major Engineering disciplines such as Basic Mechanical Engineering, Civil Engineering, Electrical and Electronics Engineering, Engineering Graphics, Engineering mechanics & Fundamental programming language.**

The best practices and team efforts, qualitative teaching with adequate preparation for examinations, effective academic monitoring of students and extra efforts for weak learners is evident from our SPPU Examination Results for Semester-II 2014-2015.

Our students who have excelled in the university exams with excellent results are

Name	Result in %
Bhosale Prafull Pratap	92
Dhake Yash Kamlakar	89.36
Jagtap Shital Vitthal	89.29

## University Rank Holder

- Swami Rebecca secured second rank at SPPU with 87.93% in the academic year 2013-14

## Research and Development

**Department's Second Objective is to inculcate creativity and innovative thinking abilities through possible exposure to the various Engineering subject applications which they study during first year.** Various technical events are organized to trigger creativity, innovation and project based learning such as robotics, PCB designing, model and poster making, matholic- weekly puzzle competition, mega technical event "SPECTRUM" exclusively for first year.

- Self learning centre** is developed in the department to trigger creativity and provide early hands on experience to the first year students. Learning material is also available for the students in the centre. Innovative projects made by the students in various domains have been displayed in the self learning centre.
- Workshop by the Physics club** was organized on 8<sup>th</sup> August, 2015. Students actively participated in the workshop. Mrs. S. A. Fulambarkar, Mrs. A. A. Sakurkar, Mrs. A. A. Thomas and Mr. J. S. Yadav coordinated the event.
- Guest lecture on "Research and Innovation Opportunities and Outcomes"** by Dr. H. U. Tiwari, Dean R&D, PCCoE was organized on 20<sup>th</sup> August, 2015 by Dr. Surabhi Sengar & Dr. Leena Sharma.
- "Aptitude Hunt"** was successfully organized on 01<sup>st</sup> August, 2015 by Dr. Surabhi Sengar & Dr. Leena Sharma.
- "Out of the Box" activity** is weekly conducted by Dr. Leena Sharma & Dr. Surabhi Sengar.



Workshop by the FE Physics Club

ISTE approved one day workshop on “Hands on training of solution preparation for practical Environmental Engineering” was organized on 11<sup>th</sup> December, 2015 jointly by Civil and First Year Engineering Department for faculty of Environmental Engineering. Dr. S. T. Mali, Mr. R. T. Jagtap, Dr. S. S. Sonar, Dr. P. P. Joshi, and Ms. F. S. Bhavsar were the resource person.



Hands on Training

## Faculty Participations

- Mrs. Anshumati Amte attended two day FDP on “Effective Research Methodology” on 21<sup>th</sup> and 22<sup>nd</sup> November, 2015 at B. D. Engineering College, Wardha.
- Mr. Jayant Yadav and Mrs. Anu Anna Thomas attended one Day Workshop on “SET/NET Preparation in Physical Sciences” on 10<sup>th</sup> October, 2015 at VI2T, Pune.
- Mrs. A. N. Vaze and Mr. Arif Bagwan attended One Day workshop on “Latex” on 29<sup>th</sup> August 2015 at IIT Bombay
- Mrs. Anshumati Amte attended one day workshop on “creating and simulating a model insimulink” on 4<sup>th</sup> July, 2015 at PCCoE, Pune.

## Faculty Publications

- Dr. Surbhi Senger, “Behavioural analysis of Carbon di sulphide production unit in a Viscose staple fibre plant with old age replacement policy” in International Journal of Innovative and Emerging Research in Engineering, Volume 2, Issue 6, 2015.
- Dr. Surbhi Senger, “Performance evaluation and reliability analysis of an engine assembly process of automobiles incorporating inspection facility” in Mathematical theory and modelling, Volume 4, Issue 6, PP. 154-163, 2014.
- Mrs. Pranjal Jog, “TTC enhancement using PSO Method” in periodic research ISSN 2231-0045 E-ISSN 2349-9435.
- Mrs Anshumati Amte, Mrs. Puja Kate, “Automatic Generation of Lyapunov function using genetic programming approach registered International Conference on energy systems and application 2015 organized by D. Y. Patil Engineering College, Pune.

## Invited Talks / Judge / Resource Person

- Mr. Arif Bagwan conducted expert session on Partial Differentiation, Jacobian, Error's and Approximation, Maxima and Minima for the FE students at D. Y. Patil School of Engineering, Ambi, Talegaon on 30<sup>th</sup> and 31<sup>st</sup> Oct., 2015.

## Ph. D. Registration

- Mr. R. T. Jagtap has registered for Ph. D in “Thermal, spectral, biological and coordination aspects of condensed molecules of some naturally occurring Quinones” at the research centre B. R. Gholap Arts, Science and Commerce College, Sangvi, Pune, in the area of Coordination Chemistry.
- Mrs. A. N. Vaze has registered for Ph. D. in “Mathematical Modelling” at the research centre Dr. Babasaheb Ambedkar Maratwada University Aurangabad, in the area of Population Dynamics.

## Student Development and Welfare

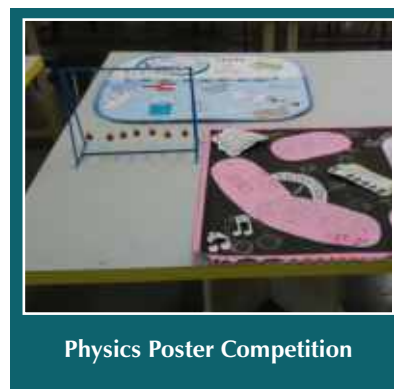
***Department's Third Objective is to make students aware about the necessary personality traits, attitude, behavioural attributes and skill sets to become responsible citizens and overall good human being.***

Every possible efforts are taken to enhance enthusiasm among students for their participation and involvement in organizing and participating in curricular, co-curricular and extracurricular activities. To strengthen this objective different activities are organized through readers club, cultural club, wall magazine and Techno-science clubs, YES!+ (Youth Empowerment and Skills) program for all the students

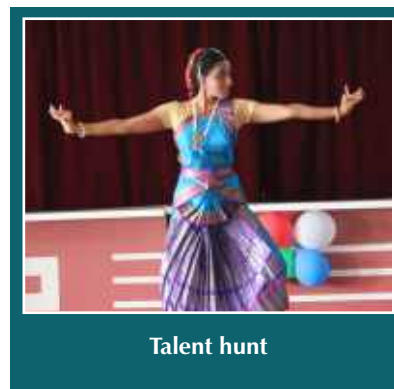


FE Induction Programme

- **FE Induction Programme** was organized on 16<sup>th</sup> July, 2015 at Ramkrishna More Sabhagrah, Chinchwad for FE students coordinated by Mr. A. Birajdar and Mrs. G. Saxena.
- **YES!+ course** was organized from 17<sup>th</sup> - 22<sup>nd</sup> July , 2015 wherein all students had participated and coordinated by Mrs. M. G. Natrajan, Mr. J. S. Yadav and Mr. G. C. Sarode.
- **English proficiency Test** was conducted for the students by Student development cell in First year Engineering Department on 27<sup>th</sup>, 29<sup>th</sup> and 30<sup>th</sup> July 2015. Mrs. A. A. Thomas, Mrs. Puja Kate and Ms. F. S. Bhavsar were the coordinators.
- **Poster competition “Fly High With Reading”** was organized by Mrs. A. A. Thomas, Mrs. Puja Kate and Ms. F. S. Bhavsar under readers club in First year Engineering Department on 11<sup>th</sup> August 2015.



- **Guest lecture on “Ethics & Moral values”** by Mr. Anil Khurana & Mrs. Jyoti Kappal, Director, Business Development from Mindactive Consulting Pvt Ltd was organized on 03<sup>rd</sup>, 5<sup>th</sup> and 13<sup>th</sup> August , 2015 and coordinated by Mr. Rahul S. Chaudhari
- **Poster competition** was organized by Mrs. S. A. Fulambarkar, Mrs. A. A. Sakurkar, Mrs. A. A. Thomas and Mr. J. S. Yadav under the Physics club in First year Engineering Department on 12<sup>th</sup> August, 2015 and the posters were displayed on Independence day during poster exhibition.
- **Poster Making Competition & Poster Exhibition** under Technoscience Club of FE Dept. was successfully organized for the students on 14<sup>th</sup>-15<sup>th</sup> August , 2015 by Mr. P. R. Sonawane, Mrs. P. A. Jog, Mr. J. S. Yadav and Mr. R. S. Choudhari .
- **Matholic Activity** was conducted during 10<sup>th</sup> - 14<sup>th</sup> August , 2015 by Mrs. Ashwini Vaze, Mr. Arif Bagwan, Mrs. Nishi Gupta with 148 participating students.



- Mrs. Meera Natrajan conducted a '**Motivation Session**', from 24<sup>th</sup> to 28<sup>th</sup> August, 2015 and all FE students are benefitted through the same. The session was conducted with the focus on "Personality development and performance improvement"
- **Talent hunt activity** was organized under cultural club on 17<sup>th</sup> October, 2015 coordinated by Mrs. R. R. Purohit, Mrs. N. U. Upadhyay and Ms. F. S. Bhavsar.
- **Quiz competition** was organized in First year Engineering Department on 31<sup>st</sup> October, 2015. Mrs. A. A. Sakurkar, Mrs. A. A. Thomas and Mr. J. S. Yadav coordinated the event.
- **Parent meet** was organized by the First Year Engineering Department on 8<sup>th</sup> October, 2015. 319 parents attended the meeting and shared their thought about various activities conducted in the college. Parents appreciated efforts taken by the head of the department and all faculties for good results and also appreciated the additional efforts taken to improve the performance of weak learners. There was a very good interaction between faculties and parents.

## Social Commitment

**Department's Fourth Objective is to create and nurture sense of self responsibility and make them realize what they owe to the society.**

Healthy, participative and most conducive environment is created for students development and grooming to proceed on the right path in journey to be competent Engineers and individuals for tomorrow.

- A competition was organized under wall magazine in First year Engineering Department on 6<sup>th</sup> October , 2015 to "Present any social issue in a unique way". Students actively participated in the competition, presenting the social issues in the form of articles, poems, posters, presentations. Mrs. A. A. Thomas, Mrs. Puja Kate and Ms. F. S. Bhavsar coordinated the event. The event was organized with an objective to enhance social awareness among students.



Social Issue - Poem



Social Issues  
Competition Judgement



# MCA Programme

## From HOD Desk

The knowledge and skills required planning; designing and building Complex Application Software Systems are highly valued in all industry sectors including business, health, education and the arts. The Master of Computer Application (MCA) department seeks to combine excellence in IT education and research with service to the industry.

We realize that education is fundamental for the complete development of individuals. As a part of premier teaching institute, we endeavor to harness this inherent potential through meeting the growing needs of higher technical education. As we grow, we will expand into new technologies, methodologies, disciplines, resources and even attitudes.

The MCA Department was established in July 2007 with the sole objective of providing a morally sound education system which synergies theoretical knowledge and practical skills to promote all round professional competence. Apart from syllabus coverage the students are given ample opportunities to take part in seminars, workshop and conferences for developing their interactive learning skills.

Prof. Mrs. Anjana Arakerimath

## Academic Excellence

Toppers of Savitribai Phule Pune University Examination Result for Semester-II 2014-2015 are:

Name	Class	Result
Nikita Mukund Awati	FYMCA	SGPA 5.26 (Grade – 'O')
Lata Lalchand Lalwani	SYMCA	73.85% (Distinction)
Swapnil Shankar Salam	TYMCA	97.00% (Distinction)

## Research and Development

- **Cloud Computing Workshop** was organized for students and faculties on 1<sup>st</sup>-2<sup>nd</sup> August 2015 to enhance the skill of students and faculties with cloud computing concepts.
- **TeQCase 2015 Case Study Competition** was organized on 10<sup>th</sup> October 2015 with 22 participating teams. Mrs. Suchita Borkar successfully coordinated the event.



Cloud Computing Workshop



TeQCase Competition - Winners

## Faculty Participations

- Mr. Sopan Aghav and Mr. Prashant Kulkarni attended one day National level Workshop on “Advanced Techniques to write and present Research Paper” organized by SC and IT Department of JSCOE, Hadapsar, Pune on 22<sup>nd</sup> September 2015.
- Mr. Sopan Aghav and Mrs. Suchita Borkar attended one day Workshop on “Curriculum Alignment of 4 Credit Skill Based Courses” organized by Savitribai Phule Pune University on 24<sup>th</sup> September 2015.

## Faculty Publications

- Mrs. Poonam Katyare and SYMCA student Ms. Nikita Awati, published a research paper titled, “The Review on Implementation of Circular Stack Data Structure” in International Journal of Exploring emerging Trends in Engineering (IJEETE), Volume-2. 5, Issue: 05, ISSN No. 2394-0573, September- October, 2015
- Mrs. Anjana R. Arakerimath and TYMCA student Mr. Pramod Kumar Gupta published a research paper titled, “Digital Footprint: Pros, Cons, and Future” in International Journal of Latest Technology in Engineering, Management & Applied Science, Vol. IV, Issue X, October 2015.

## Industry Institute Interaction

- Total 33 offers were given to MCA final year students from various reputed companies such as KPIT, Zensar, Panacia Technologies, etc.
- The Department has organized Alumni Meet – 2015 as part of PCCoE Reunion – 2015 on 26<sup>th</sup> September 2015.



## Student Development and Welfare

### Student Development Initiatives

- **Induction Program - 2015** was organized on 11<sup>th</sup> August 2015 in gracious presence of Mr. Vinayak Kulkarni, Co-founder & Director, Intellify Solutions, Pvt. Ltd. , Pune. Mr. Prakash K. Ukhalkar successfully coordinated the event.



- **Parent Meet – 2015** was organized on 11<sup>th</sup> August 2015. Around 80 Parents showed their enthusiasm with their presence. Dean SDW, HOD-MCA, Boys Hostel Rector and MCA faculty members were present for the meet. Mr. Sopan Aghav successfully coordinated the event.



- **Guest Lecture on “Essentials for IT Mind”** by Prof. Anuradha Phadnis was organized for FYMCA students, It was successfully coordinated by Mrs. Dipali Railkar under CPDC Cell.



Interaction with Students



“ICE-break Activity”  
in the session

- **Guest Lecture on “Team Building, Self-Concept and Self-Esteem”** by Dr. Anuja Johri, HOD MBA was arranged for MCA students on 22<sup>nd</sup> August 2015 , coordinated by Mrs. Suchita Borkar.



Felicitation of Guest Speaker



Guest delivering a lecture

## MCA Student Association (MCASA)

- **MCASA Reformation Ceremony** on 4<sup>th</sup> September 2015 for the academic year 2015-2016.



Felicitation of MCASA President



MCASA Team

- **Interdepartmental event “Brainwaves-2015 – English Communication Vocabulary Competition”** organized on 03<sup>rd</sup> and 04<sup>th</sup> September 2015. Total 84 students participated in the event and Mrs. Dipali Railkar coordinated the event.



**Brainwaves-2015: Participants**



**Brainwaves-2015: Winners**

- **Guest lecture on “Introduction to Cyber Security”** by Mr. Mallikarjun Malle, Information Security & Cyber Crime Expert, Mumbai on 14<sup>th</sup> October 2015, coordinated by Mrs. Dipali Railkar.



**Welcome of guest speaker**



**Students participation in guest lecture**

- **Guest Lecture on “Introduction to Human Rights and Duties”** by Mr. Ganesh Gupta, Lawyer and Social Activist-Human Rights. For FYMCA students on 28<sup>th</sup> September 2015.



**Felicitations of Mr. Ganesh Gupta by Prof. Anjana R. Arakerimath**



**Faculty Members and FYMCA students attending Guest Lecture**

- **Soft Skill Training Program of 36 hours** was organized by Mrs. Radhi Nair for SYMCA students from 19<sup>th</sup> October 2015 to 5<sup>th</sup> November 2015.

## Student Achievements

- Ms. Ashwini Nambiar, Ms. Deepali Kelkar and Mr. Ganesh Chikhalikar from SYMCA won 1st Prize in “Entrepreneurship Business Competition” organized by PCCoE on 7<sup>th</sup> and 8<sup>th</sup> September 2015.
- Ms. Sayali Medankar and Mr. Shailesh Sawant of SYMCA won 1<sup>st</sup> prize in “TechnoCase- 2015” State Level Competition organized by IICMR, Pune on 12<sup>th</sup> September 2015.



## Student Initiatives



- SYMCA students, Mr. Ganesh Chikhalikar, Ms. Shruti Gunawant, Ms. Pakali Kangle, Ms. Karthika Cholayil, Ms. Rashmi Ingale along with a team of volunteers (CYBERNETREK Team) has taken initiative in “Data Communication and Computer Networks (DCCN)” subject and conducted workshop for MCA and MBA students under the guidance of subject teacher Mr. Prakash K. Ukhalkar.
- CYBERNETREK Team conducted DCCN workshop for SYMCA students on 05<sup>th</sup> and 06<sup>th</sup> August 2015.
- CYBERNETREK Team conducted a DCCN workshop for FYMCA students and SYMBA students on 20<sup>th</sup> October and 28<sup>th</sup> October 2015, respectively.

## Social Commitment

Conducted programmes on Social Awareness on Water Saving, Team Work, Helping to poor through some motivational video presentations, Mathematical Tricks and Tree Plantation at Mahatma Gandhi Madhyamik Vidyalaya, Dehuroad, Pune on 07<sup>th</sup> September 2015 successfully coordinated by Mr. Rajkamal Sangole along with MCA students.



# MBA Programme

## From HOD Desk

Greetings from MBA Department!

PCCoE MBA department is devoted to impart value added quality education and to satisfy the diverse need of the industry by developing students into self reliant, competent and confident managers.

We at PCCoE MBA believes in inculcating management fundamentals on one hand and on other prepare students to face real life challenges of the dynamic corporate world. Our planned and well established teaching Pedagogy is contemporary and in sync with market demand which facilitates budding managers to nurture their knowledge, Skills and Attitude accordingly.

**Dr. Anuja Johri**

## Academic Excellence

Academics is a core and most important component for professional development of students. Our Well defined academic processes are reflected in our university results.

The toppers of MBA Programme for 2014-15 are:

Name	Class	Result in %
Motwani Sapna	MBA-I (Sem-II)	79
Tripathi Nidhish Kumar	MBA-II (Sem-IV)	81.45

## Research and Development

Our research based initiatives are:

- Guest Lecture on Innovation Management by Dr. H. U. Tiwari was organized 06<sup>th</sup> July, 2015 coordinated by Mr. Santosh Shinde

## Faculty Participations

Mrs. Shilpa Kundle and Mr. Sushil Shende attended Workshop on Curriculum Alignment of Credit Skill Based Courses on 24<sup>th</sup> September 2015 at Savitribai Phule Pune University.

## Industry Institute Interaction

### T & P Activities:

- Industry Institute Interaction-Interaction of Mrs. Pratibha Nirhali-GM-(Finance)-Shri Krupa Services Pvt. Ltd. (SKSPL) with MBA-Finance students was arranged at SKSPL office on August 2015
- Preplacement guidance -Mr. Gaurav Narsing -Alumni-guided MBA-II-Marketing students on how to get the job successfully and role of sales person-September 2015
- Workshop on Skill Development for Employability -The workshop was conducted by Mrs. Radhi Nair on Business communication, Interview techniques, writing letters, emails for MBA-II students -September 2015



- Preplacement Preparation -Preparation for Technical round for XL Dynamics on topic of Mortgage Banking Industry was conducted by Prof. Ritesh Phalke for MBA-Finance students- September 2015
- On the Job Training was provided to MBA-Finance students at Shri Krupa Services Pvt. Ltd. (SKSPL) (Students-Pooja Patil, Rupali Jadhav, Poonam Khande, Vinayak Sable, Tejshri Dhokale, Supriya Kenjale, Ashwini Sable, Amruta Bhilare, Bhimrao Jadhav) & Force Motors Ltd. (Students-Sapna Motwani, Vidhya Pawar, Mahananda Sathe, Karan Khute, Rahul Khande) - September 2015
- Industrial Visit-Visited Technocraft Industries India Ltd. , Thane-October 2015
- Mock Interview was conducted on 24<sup>th</sup> September 2015 for MBA-II Students. Mock interview was conducted to assess Technical knowledge, HR aspects and relevant industry knowledge by Mr. Sushil Shende.
- The Workshop on Skill Development for Employability by Mrs Radhi Nair was organized on 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> September 2015 to give inputs on business letter writing, application, resume, email writing, role play on Interview, FAQs related to interview. Prof. Sushil Shende successfully coordinated the event.

## Placement Details

Total no. of Students : 34

Total no. of students Placed: 23

## Industrial Visits / Tours

Industrial Visit to **Shri Krupa Services vt. Ltd. (SKSPL)**, Nigdi- was arranged on 28<sup>th</sup> August 2015.

Industrial Visit to **Technocraft Industries (India) Ltd. , Thane**, for MBA I&II students was arranged on 09<sup>th</sup> October 2015.



Industrial Visit to  
Shri Krupa Services Pvt.Ltd.



Technocraft Industries

Interactive Talk of the eminent personality, Padamshree Mr. Prataprao Pawar, Managing Director SAKAL co-ordinated by Dr. Anuja Johri –HoD MBA department and Mr. Prakash Ukhalkar, MCA Department.

## Student Development and Welfare

### Overall Student Development Initiatives

#### Students Association MBA (SAMBA)



SAMBA Reformation

**Inauguration of Student Association** of MBA (SAMBA) was conducted on 27<sup>th</sup> August 2015.

**PRELUDE – MBA INDUCTION 2015** was organized on 6<sup>th</sup> -7<sup>th</sup> August 2015 coordinated by Mr. Sanjay Gaikwad.



Prelude- MBA Induction



Soft Skill Training Program by Mrs Radhi Nair

**Soft Skill Training Program** by Mrs Radhi Nair was organized from 19<sup>th</sup>-28<sup>th</sup> August 2015 for 25 students of MBA-II year coordinated by Mrs. Shilpa Kundle



Rangoli Competition

**Rangoli Competition** was organized by MBA Department on 23<sup>rd</sup> September 2015 under Art circle club. Mrs. Shilpa Kundle successfully coordinated the event.



Notice Board Activity- Expressions

**Notice Board Activity- Expressions** is an ongoing activity under ingenuity club of SAMBA where students share their thoughts, poems, posters, drawing on notice board.



Knowledge Sharing Activity

**Knowledge Sharing Activity** is a ongoing activity conducted under Business Knowledge Sharing club of SAMBA. Dr. Anuja Johri is coordinator of the event.



Poster Competition

**Poster Competition** was organized on 1<sup>st</sup> October 2015 under Ingenuity club of Student Association of MBA (SAMBA) with the theme Global Footprints of Indian Companies. The chief guest for poster competition were Dr. Ashutosh Gadekar from Sinhgad Institute & Dr. H. U. Tiwari, Dean- R&D. Mrs. Shilpa Kundle successfully coordinated the event.



Lecture on Cyber Security

**Guest lecture on Cyber Security** by Mr Mallikarjun Malle was organized on 14<sup>th</sup> October 2015, coordinated by Mrs. Shilpa Kundle.



Self Concept & Self Esteem

**Guest Lecture on Fixed Income Securities** by Mr. Sanjay Pawar was organized on 1<sup>st</sup> August 2015, coordinated by Mr. Chetan Patil.



Workshop on Goal Setting

**Workshop on Goal Setting** by Prof. Rajesh P. Shirodkar was organized on 1<sup>th</sup> August 2015, coordinated by Mr. Sanjay Gaikwad.

**Workshop on "Self Concept & Self Esteem"** was organized on 3<sup>rd</sup> October 2015. Coordinated by Dr. Anuja Johri.



# Our Belief

*Coming together is a Beginning...  
Staying together is Progress... and  
Working together is a Success...*



## *NEWSWIRE TEAM*

G3 - Committee In-charge	:	Dr. N. R. Deore
Report Compilation	:	Mrs. Anjali Shrivastava, Mrs. Pooja Kate, Mrs. Harshada Mhaske, Mrs. Tanuja Sali, Mrs. Shilpa Kundle, Mrs. M. S. Bhandarkar, Mrs. Kanchan Dhapekar, Mr. G. G. Momin
Overall Coordination & Design	:	Mr. Prakash Ukhalkar



Pimpri Chinchwad Education Trust's

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