

# NEWSWIRE

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## PIMPRI CHINCHWAD COLLEGE OF ENGINEERING



PIMPRI CHINCHWAD EDUCATION TRUST  
A Trusted Brand in Education Since 1990..



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

A Trusted Brand in Education Since 1990..

'An ISO 9001:2008 Certified Institute',

NBA Accredited Courses, Permanently Affiliated to

Savitribai Phule Pune University

and

Approved by AICTE, New Delhi

**PROGRESS  
CREDIBILITY  
CONFIDENCE  
OPTIMISM  
EXCELLENCE**

*Knowledge Brings Freedom...*



## OUR SOURCE OF INSPIRATION

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

## BOARD OF TRUSTEES

Pimpri Chinchwad Education Trust (PCET)



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## Principal's Message



Greetings and Welcome, Wish you all a very Happy New Year!

Pimpri Chinchwad College of Engineering, one of the premiere institutes in and around Pune, envisions to serve the Society, Industry and all its Stakeholders through Value Added Quality Education. PCCoE is functioning proactively to provide the best professional environment to Engineering and Management students through major focus on Academic Excellence. As an outcome of our continuous efforts and stringent teaching learning process, our 22 students have shown exemplary performance in university exams.

I extend my heartfelt wishes and congratulate our 17 students who marked their position in the list of top ten meritorious students in April-May 2015 Examination of Savitribai Phule Pune University and 5 students who have made their way in the Merit list of Savitribai Phule Pune University for April-May 2016 Examination.

Along with Academic Excellence, we give equal importance to Innovation & Research, Professional Competence and Social Commitment to create true Aesthetically Sensitive, Socially Committed and Technologically Competent Engineers And Management Professionals. Our channelized efforts has been well received and recognized by National Board of Accreditation and our four core Under Graduate programmes Mechanical Engineering, Computer Engineering, Electronics & Telecommunication Engineering and Information Technology have been accredited.

As the Head of Institute, I congratulate Team PCCoE and all our valuable stakeholders for their noteworthy and remarkable contribution in attaining this milestone. I feel proud to acknowledge the wholehearted efforts and support of our very enthusiastic, dynamic and multi-talented faculty, admin staff and my dear students for this.

However, I still believe that this is just one more step ahead in our journey towards excellence and we have to continue to move ahead for producing and maintaining the best. The strengths and scope of improvement suggested by the honorable board members on expert panel of NBA would indeed guide us to device a strategic roadmap to grow further in new dimensions to be at par with the global standards.

On this platform, I appeal to my enthusiastic students, faculty and admin staff of PCCoE family to work further with extended mindset and exploit their potential to the fullest. Let's move ahead with a defined line of action to further excel in academics, fortify our research initiatives through more quality publications, consultancy work, strengthened industry institute interactions, product development, start-up ventures and thus continue to grow with the strong blend of available state-of-the-art infrastructure and intricately intertwined human resource committed to provide professional education with thrust on creativity and innovation.

Dear students, always remember "All odds, all challenges and all handicaps of life can be overcome with strong determination, persistent hard work, insurmountable patience and unshakeable tenacity".

Wish you all the best to grow and excel in this competitive era and reach the pinnacle of success.

Best Wishes & Warm Regards,  
**Dr. A. M. Fulambarkar**  
Principal, PCCoE

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# Pimpri Chinchwad College of Engineering

## Vision

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

## 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.

## Objective

To create aesthetically sensitive, socially committed and technologically competent Engineers and Management Professionals.

## Institute Quality Objectives

- To enhance students satisfaction
- To improve satisfaction of faculty and staff through developmental activities
- To satisfy infra structural requirements
- Effectiveness of interaction with outside world

## Quality Policy

We at PCCoE are committed to impart Value Added Quality Education to satisfy the needs and expectations of the Students and Stakeholders.

We shall strive for Academic Excellence, Professional Competence and Social Commitment in fine blend with Innovation and Research.

We shall achieve this by establishing and strengthening state-of-the-art Engineering and Management Institute through Continual Improvement in effective implementation of Quality Management System.

## Four Pillar Philosophy at PCCoE

**PCCoE operates on Four Pillar Philosophy with major focus on**

- ▲ Academic Excellence
- ▲ Innovation & Research
- ▲ Professional Competence
- ▲ Social Commitment

# ACADEMIC EXCELLENCE

Enormous efforts are taken with an objective to embed sound academic fundamentals among students to formulate, analyze and solve real life problems related to their domain and area of expertise.

## Initiatives to strengthen Academic Excellence

### Workshops, Sessions and Add-On Courses

#### Workshop on “Website Development Using PHP”



**Resource Person:** Ms. Talina Shrotriya and Mr. Sanket Ghorpade (Manage Code Cultivate LLP) certified trainer

**Beneficiary:** 37 IT Students

**Date:** 3<sup>rd</sup> - 4<sup>th</sup> September 2016

**Coordinator:** Mr. S.R.Jadhav

#### Add-On Course on “IOT & Python Using Raspberry Pi”

**Resource Person:** Mr. Rahul N. supported by Mr. Abdul from Pan Tech

**Beneficiary:** 51 I.T Students

**Date:** 16<sup>th</sup> to 18<sup>th</sup> September 2016

**Coordinator:** Ms. Swati Jadhav, Mr. S.R.Jadhav



#### Seminar on “Application Deployment on Cloud using IBM BlueMix”



**Resource Person:** Mr. Rohit Mittal (IBM training partner)

**Beneficiary:** B.E (I.T) and M.E (I.T) Students

**Date:** 29<sup>th</sup> August 2016

#### Expert Lecture on “Software Engineering”

**Resource Person:** Amit Vernekar, solution architect, Fulcrum Worldwide

**Beneficiary:** 70 I.T Students

**Date:** 21<sup>st</sup> July 2016

**Coordinator:** Mrs. R. N. Gadbail



### Eminent Speaker Program on "Difference between a Student Programmer and a Professional Programmer"



**Resource person:** Mr. Navin Kabra (B.Tech IIT Bombay, Ph.D University of Wisconsin-Madison, USA)

**Date:** 14<sup>th</sup> September 2016

### Add-On Course on "Applicability of C Programming Language"

**Resource Person:** Ms. Meera Thorat, Ms. Neelam Pokale, Ms. Babita Sonare and Dr. S. D. Thepade

**Beneficiary:** 65 I.T students

**Date:** 11<sup>th</sup> to 23<sup>rd</sup> July 2016



### Session on "Road Safety" for Audit Course



**Resource person:** Mr. Chandrakanth Mane (RTO Officer, Pimpri Chinchwad)

**Beneficiary:** S.E Computer Engineering students

**Date:** 26<sup>th</sup> September. 2016

### Guest Lectures

- **Applications of Transforms** by Dr. N.B Chopade on 12<sup>th</sup> September 2016 for SE (E & Tc)
- **CMOS Design** by Dr. S.U Bhandari for S.E (E & Tc) on 12<sup>th</sup> September 2016
- **Electronic Product Design** by Dr. V.N Patil for T.E (E & Tc) on 12<sup>th</sup> September 2016
- **Wavelet Transform and its Applications** by Dr. K.S Kinage for T.E (E & Tc) on 12<sup>th</sup> September 2016
- **Applications of Maxwell's equation** by Mr. G.R Rahate for T.E (E & Tc) on 12<sup>th</sup> September 2016
- **Road Safety Management** by Mr. Chadrakant Mane, RTO Pune, for S.E (E & Tc) students as a part of Audit Course-I on 27<sup>th</sup> September 2016
- **Motivation Lecture on Success Mantra for Effective study skills** by Mrs. Anjali Shrivastav for S.E and T.E students on 27<sup>th</sup> September 2016
- **Machine Learning applications** by Dr. Vivek Kulkarni on 27<sup>th</sup> October 2016.
- **Modeling of CMOS devices** by Dr. G. C.Patil, VNIT, Nagpur for the subject 'Digital CMOS Design' on 11<sup>th</sup> October 2016 for 1<sup>st</sup> M.E (VLSI) students.

- **Introduction to R programming** by Computer department (SIG-Databases and Information Management) for computer Engineering students on 24<sup>th</sup> -25<sup>th</sup> August 2016.
- **Environmental Studies** by Dr. Sandeep Mali on 7<sup>th</sup> September 2016 for Computer Engineering students.
- **“Treasury Operations of Bank & Credit Appraisal of Corporate Credit including Stressed Assets”** by Mr.V.G.Kannan-Retired MD of State Bank Of India,Mumbai for MBA students on 14<sup>th</sup> October 2016 & it was coordinated by Prof.Sushil Shende.
- **Business Standard** by Mr. Gupte on Business News Analysis coordinated by Prof. Chetan Patil.
- **Seven days workshop and comprehensive preparation for Equity Derivative Module of NISM Exam** for MBA students coordinated by Prof. Chetan Patil
- **Review on NP Hard and NP Complete Problems** of Design and Analysis of Algorithm subject for SYMCA students by Prof. A. M. Kurkure on 17<sup>th</sup> March 2016 coordinated by Mrs. Poonam Katyare.
- **Awareness about Friends Cubical** by Dr. Rajiv Nagarkar on 16<sup>th</sup> June 2016 and 23<sup>rd</sup> June 2016 for Computer Engineering students.
- **Parents meet** in all department to ensure effective communication between faculties and parents to ensure the academic and overall development of students.



### Outcomes

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 which are consistently improving Quantitatively as well as Qualitatively and we are amongst the top few colleges affiliated to University.

Our 17 students marked their position in the list of top ten meritorious students in April-May 2015 Examination of Savitribai Phule Pune University and 5 students made their way in the Merit list of Savitribai Phule Pune University for April-May 2016 Examination.

### Meritorious students in April-May 2016 Examination



**Bacche Pallavi Ulhas**  
BE E&TC  
Branch wise Rank 08



**Dahihande Janhavi Laxmanrao**  
BE COMP  
Branch wise Rank 02



**Bhor Aditya Gajanan**  
BE IT  
Branch wise Rank 03



**Mahajan Parag Dilip**  
BE Civil  
Branch wise Rank 04



**Andhare Pradip Khandu**  
BE IT  
Branch wise Rank 07

## Meritorious students in April-May 2015 Examination



**Bhosale Prafull Pratap**  
FE MECH  
All Branches Rank 01



**Dhake Yash Kamlakar**  
FE MECH  
All Branches Rank 02



**Jagtap Shital Vitthal**  
FE COMP  
All Branches Rank 03



**Sawkar Krunal Sanjay**  
FE MECH  
All Branches Rank 05



**Priya Shankar**  
SE E&TC  
Branchwise Rank 05  
All Branches Rank 09



**Kalia Shruti Rajiv**  
SE COMP  
Branchwise Rank 02



**Wadgaonkar Siddhi Pradeep**  
SE COMP  
Branchwise Rank 06



**Shrinivas Laxman Phalle**  
SE COMP  
Branchwise Rank 10



**Bacche Pallavi Ulhas**  
TE E&TC  
Branchwise Rank 06



**Fundkar Vaibhav Dnyandeo**  
TE E&TC  
Branchwise Rank 10



**Sarnot Surabhi Santosh**  
TE COMP  
Branchwise Rank 02



**Patil Pratiksha Yashwant**  
TE COMP  
Branchwise Rank 04



**Kanchan Laxman Pawar**  
TE COMP  
Branchwise Rank 08



**Suryawanshi Amo Nimba**  
TE IT  
Branchwise Rank 09



**Gole Madhura Sitaram**  
BE Comp  
Branchwise Rank 02  
All Branches Rank 09



**Kale Prajakta Govind**  
BE Comp  
Branchwise Rank 04



**Sangwan Priyanka Suresh**  
BE Comp  
Branchwise Rank 9

## Highlights of Academic Excellence in SPPU Examination Results for Academic Year 2015-2016:

### F.E Toppers - Our Pride

Name	SGPA
Shinde Dipti Vikas	9.96
Kalbhori Shashank Jalindar	9.9
Vishwakarma Suraj Dayaram	9.88

### Mechanical Engineering

Name of student	Class	Result in %
Mr. Adsul Akash Ganpat	BE	80.00
Mr. Jadhav Mayur Sunil	TE	81.67
Mr. Sawkar Krunal Sanjay	SE	82.73

### Electronics & Telecommunication

Name of student	Class	Result in %
Pallavi Bacche	BE	83.00
Ravina Temgire	TE	73.53
Aditi Singh	SE	86.20

### Computer Engineering

Name of student	Class	Result in %
Dahihande Janhavi	BE	84.00
Kalia Shruti R.	TE	83.00
Londhe Nikhil	SE	80.06
Jagtap Shital	SE	80.06

### Information Technology

Name of student	Class	Result in %
Bhor Aditya G	B.E	82.46
Kharmale Sachin P	TE	76.73
Tikone Priyanka V.	SE	81.67

### Civil Engineering

Name of student	Class	Result in %
Parag. D. Mahajan	B.E	82.26
Kartik Pandharkar	TE	80.87
Aishwarya Nikam	SE	80.66

### Master of Business Administration (MBA)

Name of Student	Result in %
Baviskar Urmila	84
Shaikh Saniya	79

### Master of Computer Application (MCA)

Name of Student	Class	Result in %
Ms. Ravina Ashok Deogadkar	FYMCA	70.57
Ms. Nikita Mukund Awati	SYMCA	76.71
Ms. Pooja Nandkishor Kamtikar	TYMCA	94.8

# RESEARCH & DEVELOPMENT

We take every possible effort to boost our students towards research excellence and enhance their product/process design capabilities so as to enable them to comprehend, analyze, design, and create products and solutions for the real life problem.

## Initiatives

### STTPs, Workshops, Training Programs, Competitions

- **STTP on “Low Cost Automation”** during 2<sup>nd</sup> - 6<sup>th</sup> July 2016 at SMC Pneumatics India Pvt. Ltd. by Mr. Mandar Puranik with 15 participants coordinated by Mr. V. K. Aher and Mr. N. J. Surwade.



Sessions on Low Cost Automation at SMC Pneumatics India Pvt. Ltd.



Demonstration of working of Hydraulic Pump

- **STTP on “Geometrical Dimensioning & Tolerancing (GD & T) along ASMEY 14.5 series / standards.”** on 16<sup>th</sup>, 17<sup>th</sup>, 22<sup>nd</sup>, 23<sup>rd</sup> & 24<sup>th</sup> July 2016. Total 29 participant attended the program.



Mr. D.A. Wagholikar giving introductory talk



Mr. Anand Bhise session

- **Syllabus detailing workshop of Heat Transfer (TE Mechanical-2015 Course)** Dr. P. J. Awasare. Coordinator BOS Mechanical (HoD Mech, PCCoE), Prof. Lalit Pawar (OSD, SPPU, Pune) graced the function with participative involvement of 47 faculty members of different institutes affiliated to Savitribai Phule Pune University, Pune. Dr. P. A. Deshmukh & Dr. N. R. Deore coordinated this event.



Introductory talk by Dr. P. A. Deshmukh,



Dr. P. J. Awasare Sharing his views

- **Product Innovation Lab** has been inaugurated and established by 3dPLM Software Solutions Ltd., Pune and Dassault System on 14<sup>th</sup> October 2016. Dr. Atul Wadegaonkar, General Manager Educational eGovernance, Maharashtra Knowledge Corporation Limited, Pune (Chief guest), Mr. Sudarshan Mogasale, CEO, 3dPLM Software Solutions Ltd., Shree Bhajjan Kazi, Trustee PCET graced the event. Students demonstrated projects like Automatic wiper, Auto Simulator and Robotic arm and full humanoid robot 'POPPY'.



Demonstration by students



Inauguration of Product Innovation lab

- **"Cut section model of Split type Closed impeller Centrifugal Pump"** has been donated to Turbomachines laboratory of Mechanical Engineering Department **by Wilo, Mather & Platt company** under Corporate Social Responsibility on 10<sup>th</sup> October in presence of Mr.Hemant Watave (MD& CEO-Wilo,Mather & Platt Ltd), Mr.Manoj Bafana( Head-Quality & Market Research), Mr.Raghunath Kumatkar( Head-Engineering) and team Mechanical Enigeering Department- PCCoE.



Hand over ceremony



Discussion with Mr. Hemant Watve  
(MD, CEO-Wilo Mather Platt)

## Electronics and Telecommunication

- Two Days Workshop **"VED-Quest 2016"** for students of M.E.VLSI and Embedded Systems during 8<sup>th</sup> - 9<sup>th</sup> July 2016 where industry experts from VLSI, Embedded and allied gave insights about project and research opportunities work in the domain. The event was coordinated by Mrs.V. K. Harpale and Mrs. Anjali Shrivastav.



VED-Quest 2016

- Two Days Workshop **"System Design flow using Zynq"** for the PG faculties and students of M.E.VLSI and Embedded Systems during 28<sup>th</sup> – 29<sup>th</sup> June 2016 in association with VLSI and Embedded SIG and CoreEL Tech under CoreEL University Program. The event was coordinated by Dr. S.U.Bhandari and Mrs. V.K.Harpale.



System Design flow using Zynq

- Two days workshop on “Raspberry Pi and its applications in Internet of Things” for faculty, U.G and P.G students of E&TC and computer department during 17<sup>th</sup> - 18<sup>th</sup> September 2016 under E&TC R&D cell in collaboration with IETE. Resource Persons were from Engikart India Private Limited, Pune and event was coordinated by Dr. V. N. Patil and Mrs. Rajani. P. K. Around 27 students from E&TC and computer department and faculty members got benefited from this workshop.



Raspberry Pi and its applications in Internet of Things

- Hands –on training on Real Time Operating Systems on 24<sup>th</sup> September 2016 for BE (E&TC) students. Mr.Ashish and Mr.Neeraj Kale, Microembedded Technologies were resource persons and event was coordinated by Mrs.S.A.Patil and Mrs.A.M.Ekbote with 60 participating students.



Hands – on Real Time Operating Systems

- Industrial automation training on “PLC and HMI based applications” under SIG Process Automation and Non conventional Energy Sources by Mrs. R. S Kad, Mrs. Archana Bhamare and Mrs. Neha Garade on 10<sup>th</sup>, 11<sup>th</sup>, 17<sup>th</sup> and 18<sup>th</sup> September. 2016. Around 60 students of final year attended the training. Mr. Sudarshan Mantri and Mr. Vijay from Educate to Automate, Pune were the resource persons.
- Fifty Hours Add-on training on CISCO certification completed by 25 students of Electronics & Telecommunication Department. Resource trainers were from TATA communications Ltd. and coordinated by SIG Communication members.
- PCCoE got recognition as part of e-Yantra Lab Setup Initiative(eLSI) at national level by online eLSI Lab Inauguration on 27<sup>th</sup> July 2016 at Electronics & Telecommunication Department. Through eLSI Lab, college can provide research facility for UG/PG students to explore their innovations& encourage them to participate in various e-Yantra Competitions. College contributed a fund of Rs. Two Lacs for establishing e-Yantra Lab and it is being coordinated by Mr. A. B. Patil, Mrs. S.A.Patil, Mrs. A.M. Ekbote and Mrs. A.S. Pawar.



- Two days workshop on “ Big Data Hadoop” for faculties on 13<sup>th</sup> -14<sup>th</sup> June. 2016, coordinated by Mr. V. Wagh. The Resource person was Mr.Yogesh Pawar from Suman Technology.



Workshop on Big Data Hadoop

- One day workshop on “Multithreading in Linux” on 29<sup>th</sup> August. 2016 by Mr. Yogeshwar Shukla, Core Programming Academy organized by Mrs. Sonal Gore for M.E Computer 2<sup>nd</sup> year students.
- One day workshop on “CUDA Programming” on 1<sup>st</sup> October. 2016. Ms. Mita Landge, Software Engineer @3DPLM Software Solutions Ltd,Pune and Ms. Manjiri Kulkarni were the resource person, organized by Mrs. Sonal Gore for ME Computer F.Y and S.Y students.
- Workshop on “Report Writing Tool, LYX Document Processor and JABREF reference manual” by Dr. Pravin Futane on 23<sup>rd</sup> August, 2016 and coordinated by Mrs. Sonal Gore.
- Workshop on “Latex, a report writing tool” by Mr. Pritam Patil, Emphasis, Pune for M.E students on 22<sup>nd</sup> October 2016, coordinated by Dr. A. D. Thakare.
- Poster Competition “INNOVIA” Phase-I was organized on 10<sup>th</sup> September 2016 and coordinated by Mr. S. S. Deshmukh and Mrs. Reena Kharat.
- **I T Engineering** Adhoc Miniproject/ Model Making Competition by Mrs. R. G. Pise on 5th Oct. 2016. Mr. Baswaraj Wama (output consultancy) judged the event. Total 20 students participated in the competition.
- **Workshop on “Bug Free Zone A Workshop on Software Testing”** for ME 1<sup>st</sup> and 1<sup>nd</sup> Year Students and UG students organized by Ms. Anagha Chaudhari on 30<sup>th</sup> September 2016. Mrs. Divya Pritam was the guest speaker.
- **IBM WebSphere Message Broker Application Development** workshop under ACM Chapter organized by Mrs. R. G. Pise on 25<sup>th</sup> & 26<sup>th</sup> August. 2016 The Speaker for the workshop was Mr. Ramdas Gawande. Total 10 students from M.E were participated in the workshop. All the workshops were organized under the guidance of Dr. Swati Shinde.



Project Based Learning



A Workshop on Software Testing



IBM Web Sphere Message Broker  
Application Development

## Civil Engineering

- **Three weeks training workshop of Auto CAAD software** for SE Civil Students by Software Academy For Civil Engineers (SACE) from 2<sup>nd</sup> August – 21<sup>st</sup> August 2016.
- **Three weeks training workshop of STAAD Pro** software for TE & BE Civil students by M/s. Bentley Institutes, Prabha Consultancy, Pune from 14<sup>th</sup> August. - 07<sup>th</sup> September. 2016.



STAAD Pro Masters Training



AutoCAAD software Training

## MCA Department

- **Two Days Workshop on "Computer Networks & Information Security (CNIS-2016)"** organized by MCA Department under Special Guidance Program, Board of Students' Welfare, Savitribai Phule Pune University, Pune on 23<sup>rd</sup> - 24<sup>th</sup> September 2016 for students and faculty to extend MCA Department's contribution towards supporting and strengthening the MCA Course Curriculum in the domains of Data Communication, Computer Networks, Information and Cyber Security. Mrs. Dipali Railkar & Mr. Prakash Ukhalkar coordinated the workshop.



Two Days Workshop on CNIS



Participants during the workshop

## F.E Department

- **Matholic Activity** – Weekly Mathematical Puzzle Competition organized by F.E Department during 10<sup>th</sup>-14<sup>th</sup> October 2016 to improve the logical ability of the student and to study the effect of problem parameters. The event was coordinated by Dr. Leena Sharma, Dr. Surabhi Sengar and Mrs. Sushma Parmar.

## MBA Department

- **Innovia SIP competition for MBA students:** Through this competition, spirit of excellence was inculcated among students and they were acknowledged for their ideas and innovation. It was conducted on 8<sup>th</sup> October. 2016. The faculty coordinator was Dr. Santosh Shinde.



## Guest Lectures

- Cold Storage and HVAC Systems for B.E Mech students by Prof. Suhas Deshpande (Adjunct faculty at RSCOE, Tathwade) on 6<sup>th</sup> October, 2016 coordinated by Mr. G. G. Momin



Session on Cyber Security

- Product Life cycle & Product Data Management for B.E Mech students by Mr. Ashish Kulkarni, 3D PLM Software Solutions Ltd., Pune on 30<sup>th</sup> September 2016, coordinated by Mr. V. U. Garud.
- Mechanical Measurement Control by Mr. Vijay Patil for Mech students on 10<sup>th</sup> September 2016, 24<sup>th</sup> September 2016 & 8<sup>th</sup> October 2016.
- Introduction of material by Mr. Manoj Joshi, (DYPIET) for Mech students on 19<sup>th</sup> September 2016 coordinated by Mr. G. S. Lohar.
- Introduction of corrosion & its prevention by Dr. S. T. Vagge, COEP Pune for Mech students on 23<sup>rd</sup> August, 2016.
- Embedded system and IOT by Skillcity, Bangalore for S.E and T.E E & TC students on 19<sup>th</sup> September 2016 was arranged by Mr. A. B. Patil and Mrs. Swati Jagtap.
- Cyber Security by Dr. B. Subramanian on 26<sup>th</sup> September 2016 for Computer department students and faculties and coordinated by Dr. Sonali Patil.
- Research Funding Opportunities for Computer Department faculties by Dr. Pravin Futane on 26<sup>th</sup> August, 2016 and coordinated by Ms. Reena Kharat.
- Data Analytics and reinforcement learning by Dr. Parag Kulkarni for Comp. students on 06<sup>th</sup> September, 2016 and coordinated by Dr. K. Rajeswari.
- Report writing tool by Dr. Pravin Futane on 23<sup>rd</sup> August, 2016 for M.E Computer Second year students and organized by Mrs. Sonal Gore.
- Localization and Positioning by Ms. Meghana Lokhande and Mr. Ganesh Deshmukh on 16<sup>th</sup> September 2016 for Computer students and coordinated by Mr. Atul Pawar.
- IOT services & Architecture for M.E Computer students by Dr. P. Uma Maheshwari from Chennai on 14<sup>th</sup> October 2016 and coordinated by Dr. K. Rajeswari.
- Entrepreneurship Initiatives and Innovation by Mr. Chaitanya Chordiya (KPIT), Fireflies (Owner) on 27<sup>th</sup> September, 2016 for I.T students.
- Orientation lecture on research and innovations (Avishkar 2016) by Dr. Nilesh Uke at PCCoE on 24<sup>th</sup> September 2016.
- Sign Language Recognition by Dr. Pravin Futane from Computer department on 25<sup>th</sup> August, 2016 organized by Mrs. R. G. Pise and Ms. A. N. Chaudhari under the guidance of Dr. Swati Shinde.



Sign Language Recognition



Soft Skills & Personality Development



Entrepreneurship Initiatives and Innovation



Research and Innovations (Avishkar 2016)

- Career opportunities in Civil Engineering by Prof. V. R. Phadake on 5<sup>th</sup> August 2016 for students of S. E. Civil arranged by Mr. S. P. Banne.
- Principle Stresses by Dr. S. R. Parekar, Professor and HOD, AISSMS College of Engineering on 16<sup>th</sup> September 2016 for students of S. E. Civil arranged by Mr. N. N. Yokar
- Role of Civil Engineering in construction of bridges by Mr. P. G. Pagnis, Retired Civil Engineer on 21<sup>st</sup> September., 2016 for students of S. E. Civil arranged by Mrs. N. S. Sane.
- Pre-Engineered Building by Mr. Sandeep Kaul, Interarch Building Products Private Ltd. on 14<sup>th</sup> September 2016 for students of T. E. Civil arranged by Mrs. K. D. Dhapekar.
- Parking Survey by Mr. Sagar Kolpakar, Transport planning Engineer, PMC on 28<sup>th</sup> June, 2016 for students of B. E. Civil, arranged by Mr. P. P. Mane
- Advancement in Highway Construction by Mr. Vikas Thakkar, MD, Pavetech Consultants on 22<sup>nd</sup> July, 2016 for students of B. E. Civil arranged by Mr. D. A. Ugale.
- Design of Sewage Treatment Plant by using STP-PD PRO Software by Mr. Suresh Shinde, Prabha Consultant, Pune on 19<sup>th</sup> September, 2016 for students of B. E. Civil arranged by Dr. S. T. Mali



Career opportunities in Civil Engineering



Guest lecture on Principle Stresses

- How to write QIP and Research proposal for various Funding Agencies for faculties was arranged by MCA Dept. on 20<sup>th</sup> July 2016. Prof. L. V. Awadhani, was the resource person.

## Faculty Participations

### Mechanical Engineering

- Mrs.N.A.Mandhare, Mr.U.I.Shaikh & Dr.Anindita Roy attended one day Symposium on Thermodynamics on 26<sup>th</sup> August 2016 organized by Forbes Marshall, Chakan.
- Mr.R.A.Gujar attended FDP on System Engineering at 3dPLM Software during 25<sup>th</sup> - 29<sup>th</sup> July 2016 organised by 3dPLM Software Solutions, Pune.
- Mr. M.V. Patil attended one day workshop on COMSOL Application in Teaching and Research on 31<sup>st</sup> August 2016 at Pride Hotel Pune.
- Dr. Anindita Roy attended 5<sup>th</sup> International Conference on Renewable Power Generation at London, UK on 21<sup>st</sup> - 26<sup>th</sup> September 2016.
- Dr. Anindita Roy, Mr. S.P. Salve attended Regional Research Conference "INNOVATION 2016" on 6<sup>th</sup> October 2016 at Rajashri Shahu College of Engineering, Pune.
- Mrs.G.V.Phadtare, Mrs.N.A.Mandhare, Mr.C.L.Ladekar & Mr.A.N.Kore attended syllabus detailing workshop of "Turbomachine (2015 course)" at Zeal College of Engineering, Narhe.
- Mrs.V.Y.Bhalerao attended syllabus structuring workshop of "Numerical Methods and Optimization" on 25<sup>th</sup> October 2016 at SAE,Kondhwa.
- V.U. Garud attended syllabus implementation meeting of "DME-II" on 8<sup>th</sup> November 2016. at RSCOE, Tathwade.
- Mr. N.J.Surwade attended syllabus implementation workshop on "Skill Development " on 26<sup>th</sup> October 2016 at VIIT, Pune.
- Mr. S.P.Salve attended syllabus implementation workshop on "Skill Development " on 26<sup>th</sup> October 2016 at VIIT, Pune.
- Mrs.J.P.Wagh attended syllabus implementation workshop on "Design of machine element-1" at DYPIET, Pimpri, pune on 7<sup>th</sup> November 2016.
- Mr.G.G.Momin attended subject detailing workshop on "Refrigeration & air conditioning (TE -2015 Course)" at Trinity college of Engg. & Research, pune on 7<sup>th</sup> November 2016.
- Mr.G.G.Momin attended subject detailing workshop on "Heat Transfer (TE -2015 Course)" at PCCoE, pune on 11<sup>th</sup> November 2016.

### Electronics & Telecommunication

- Mrs.Rajani.PK and Mr. S.D Nagrale attended faculty orientation workshop on SE(E&Tc/Elex) revised syllabus under the aegis of board of studies (Electronics Engg.) Savitribai Phule Pune University during 9<sup>th</sup> to 11<sup>th</sup> June 2016 for subject "Data Structures and Algorithms" at I2IT, Pune.
- Mrs. A.A Shrivastav, Mrs. V.S.Bendre and Mrs. D.S.Khurge attended one day workshop on "Future trends in CMOS VLSI" on 30<sup>th</sup> August 2016 at Savitribai Phule Pune university.
- Mrs. Archana Bhamare attended Faculty Orientation Workshop for S.E. (E&TC/Elex.) Revised Syllabus 2015 Course for the subject Electronics Measuring Instruments and Tools at VIIT, Kondhwa Budruk, Pune during 09<sup>th</sup> - 10<sup>th</sup> June 2016, under the aegis of Board of Studies Electronics, S.P. Pune University.

- Prof. A.B Patil, Mrs. S.U Deoghare, Mrs. J.P Joshi attended Faculty Orientation Workshop for S.E. (E&TC/Elex.) Revised Syllabus 2015 Course for the subject "Electronic Devices and Circuit" at M.E.S COE, Pune during 09th - 11<sup>th</sup> June 2016, under the aegis of Board of Studies Electronics, S.P. Pune University
- Mrs. M.S Bhandarkar, Mrs. S.P Jagtap attended Faculty Orientation Workshop for S.E. (E&TC/Elex.) Revised Syllabus 2015 Course for the subject "Signals and Systems" during 09th -11th June 2016, under the aegis of Board of Studies Electronics, S.P. Pune University
- Mrs. S.M Dhavale, Mrs. N.D Garde attended Faculty Orientation Workshop for S.E. (E&TC/Elex.) Revised Syllabus 2015 Course for the subject "Digital Electronics" during 09<sup>th</sup> -11<sup>th</sup> June 2016, under the aegis of Board of Studies Electronics, S.P. Pune University
- Mr. A.R Suryawanshi, Mrs. S.V Patil, Mrs. A.M Lalge attended Faculty Orientation Workshop for S.E. (E&TC/Elex.) Revised Syllabus 2015 Course for the subject "Electronic Circuits and Machines" at D.Y.Patil, Akurdi from 09<sup>th</sup> -11<sup>th</sup> June 2016, under the aegis of Board of Studies Electronics, S.P. Pune University

## Computer Engineering

- Dr. K. Rajeswari, Mrs. Alka Londhe, Mrs. Deepa Abin attended one week STTP on Internet of Things during 09<sup>th</sup> -13<sup>th</sup> August 2016 at Modern Education Society's College of Engineering, Pune.
- Dr. A. D. Thakare, Mrs. S. Gore attended "IEEE Authorship workshop" on 4<sup>th</sup> October at College of Engineering, Pune.
- Dr. Pravin Futane attended two days Workshop on "Accreditation Processes for Higher technical Institutes" on 15<sup>th</sup> -16<sup>th</sup> December 2016 at D. Y. Patil University, Lohegan, Pune
- Dr. Pravin Futane attended one day seminar on "NVIDIA- GPU Technology International Conference - GTCx" on 6<sup>th</sup> December 2016 at Renaissance Convention Centre, Powai, Mumbai.
- Dr. Pravin Futane attended one day seminar on "ELSEVIER CONNECT @ PUNE" on 29<sup>th</sup> November 2016.
- Mrs. H. R. Mhaske attended one day FDP on "Syllabus Revision for the subject Principles of Programming Languages" on 16<sup>th</sup> December 2016.
- Mr. Kapil Tajane, Mr. Rahul.R.Pitale attended one week Industrial Training Workshop during 6<sup>th</sup> -10<sup>th</sup> June 2016 at Infostretch Corporation (India) Pvt. Ltd, Pune.
- Ms. Pallavi V. Dhade participated in three days workshop on "Cyber security and Forensics tools" from 6<sup>th</sup> -8<sup>th</sup> October 2016 at Bharati Vidyapeeth Deemed University College of Engineering, Pune .
- Mrs. B.Mahalakshmi attended STTP on Data Mining Using STATISTICA during 23<sup>rd</sup> - 24<sup>th</sup> September 2016 at SIT Lonavala.
- Mrs. Namrata Gawande, Mrs. S. Khairnar attended FDP on "Digital Electronics and Logic Design" on 17<sup>th</sup> - 18<sup>th</sup> June at I 2IT, Hinjewadi, Pune.
- Mrs. Shailaja Pede, Mr. Kapil Tajane attended one day FDP on "Data Structure & Algorithm" on 12<sup>th</sup> June 2016 at SIT Narhe, Pune.
- Mrs. Archana Kadam attended training program "DW and ETL" during 30<sup>th</sup> - 3<sup>rd</sup> June 2016 in Bitwise Company Pune.

## Information Technology

- Dr. Sudeep Thepade, Mrs. Rohini Pise, Mrs. Jaya Dewan, Mrs. Vaishali Kulloli, Ms. Sandhya Shinde and Mr. Sachin Jadhav attended a one week Faculty Development Program on “JAVA Programming” organized by Department of Computer Engineering and Information Technology in association with Spoken Tutorial, IIT Bombay at SKN SIT, Lonavala from 22<sup>nd</sup> August 2016 to 26<sup>th</sup> August 2016
- Dr. Nilesh Uke attended seminar on “Discussion on university relationship, EMC , internship and possible collaboration” at EMC office on 20<sup>th</sup> July 2016
- Mrs. Vaishali Kulloli attended a one day workshop on “Machine Learning with Scikit Learn” organized by Department of Technology, SPPU Pune on 15<sup>th</sup> October 2016
- Mrs. Vaishali Kulloli attended a one day workshop on “IEEE Author” organized by College of Engineering, Pune on 4<sup>th</sup> October 2016.
- Ms. Tanuja Sali, Mrs. Babita Sonare, Ms. Rashmi Gadbail attended FDP on “Problem Solving & Object Oriented Programming and fundamentals of Data Structures” organized by PVG's College of Engineering & Technology, Pune sponsored by SPPU on 07<sup>th</sup> and 8<sup>th</sup> July 2016
- Ms. Tanuja Sali, Mrs. Renuka Gound, Mrs. Rohini Pise, Mr. Sachin Jadhav, Mr. Vijay Katkar attended three days workshop on “IOT and Raspberry Pi” at PCCoE, from 16<sup>th</sup> September to 18<sup>th</sup> September 2016.

## Civil Engineering

- Mr. V. B. Kale attended Faculty Development Program on “Structural Design-III” at PVPIT, Pune on 10<sup>th</sup> September 2016
- Mrs. R.R. Purohit and Mrs. P.V. Kalokhe attended workshop on “Outstanding Steel Structures” in VJTI Mumbai on 15<sup>th</sup> October 2016.
- Dr. Leena Sharma, Dr. Surabhi Sengar, Mrs. Sushma Parmar and Mrs. Sujata Bhamre attended one day workshop on "Teaching Strategies and Syllabus discussion on Engineering Mathematics III" organized by Dr. D. Y. Patil Institute of Engineering and Technology, Pimpri, Pune in association with Board of Studies, SPPU on 25<sup>th</sup> Jun 2016.

## MCA Department

- Mr. Prashant Kulkarni, Mrs. Dipali Railkar, Mr. Anand Jain, Mrs. Poonam Katyare, Mr. Sopan Aghav, Mrs. Suchita Borkar and Mr. Prakash Ukhalkar attended one day FDP on Track III: Information Management and Quality Control of MCA 2015 Syllabus and Discussion on Question paper pattern of Track I and Track III Subjects organized by Institute of Management and Career Courses (IMCC) and Savitribai Phule Pune University on 17<sup>th</sup> September 2016.
- Mr. Anand Jain and Mr. Rajkamal Sangole attended one day FDP on Track I: Software and Application Development of MCA 2015 Syllabus organized by Dr. D. Y. Patil Institute of MCA and Savitribai Phule Pune University on 27<sup>th</sup> August 2016.
- Mr. Anand Jain participated in workshop on “Quality Excellence through Accreditation”, on 15<sup>th</sup> - 16<sup>th</sup> July 2016, organized by MIT School of Management (MITSOM), Kothrud, Pune.
- Mr. Sopan Aghav participated in “Entrepreneurship Development program” organized by MCED, Pune from 28<sup>th</sup> June 2016 to 30<sup>th</sup> July 2016.
- Mrs. Anjana Arakerimath HOD-MCA, Mr. Anand Jain and Mr. Prakash Ukhalkar coordinated various committees in ICCUBEA-2016.

## Invited Talks / Resource Person

### Mechanical Engineering

- Mr. S. K. Bhoite delivered guest lecture on “Outcome Based Education” at Pimpri Chinchwad College of Engineering and Research on 7<sup>th</sup> September 2016.
- Mr.S. K. Bhoite delivered guest lecture on “Proficiency improvement program” at ARAI Forging Industry Division on 21<sup>st</sup> October 2016.
- Mr. V. K.Aher was invited as Keynote Speaker on "Interfacing Real World Hard wired Systems to Automation studio PLC" on 15<sup>th</sup> July 2016 at Sumant Moolgaonkar Auditorium, S.B.Patil Road, Pune .
- Mr. U.I.Shaikh delivered guest lecture on "2<sup>nd</sup> Law of thermodynamics and Entropy" at PCCOER, Ravet on 24<sup>th</sup> August 2016.
- Dr. S.S.Lakade delivered lecture on “Bio-mimicry (Learning from Nature)” at Dassult systems Techtalk series 2016 on 28<sup>th</sup> September 2016.
- Dr. P. A. Deshmukh was invited as resource person for delivering a session on “Convective Heat Transfer” at RSCOE, Pune on 9<sup>th</sup> & 10<sup>th</sup> September 2016

### Electronics and Telecommunication

- Dr. N.B Chopade delivered Plenary talk on “Transforms in Signal Processing”, in IEEE Pune Section Sponsored ICACDOT 2016, I2IT, Pune on 10<sup>th</sup> September 2016.
- Mr. A.R Suryawanshi delivered expert lecture as resource person at Faculty Orientation Workshop for S.E. (E&TC/Elex.) Revised Syllabus 2015 Course for the subject "Electronic Circuits and Machines" at D.Y.Patil, Akurdi on 09<sup>th</sup> June 2016, under the aegis of Board of Studies Electronics, S.P. Pune University.
- Mr. A.B Patil delivered expert lecture as resource person at Faculty Orientation Workshop for S.E. (E&TC/Elex.) Revised Syllabus 2015 Course for the subject Electronic Devices and circuits at D.Y.Patil, Akurdi on 09<sup>th</sup> June 2016, under the aegis of Board of Studies Electronics, S.P. Pune University.
- Dr. V.N Patil delivered guest lecture for ME Mechanical (Design) students of PCCoE on “Measurement and Control System”.
- Mrs. J.S Kulkarni imparted value added contribution through the new course “Engineering risk benefit analysis” to SYME students of E & TC Dept.
- Mrs. J.S Kulkarni delivered lecture and gave hands-on on “VHSIC Hardware Description Language and Demonstration of Basics of Digital Electronics” at Rasoni College of Engineering and Management, Wagholi on 4<sup>th</sup> October 2016.

### Computer Engineering

- Dr. Pravin Futane was invited as Resource person at State level workshop on “Research Methodology for the Ph.D. Aspirants in the different domains of Engineering” organised by I.T department, PCCoE, Pune during 5<sup>th</sup>-7<sup>th</sup> January 17 and delivered a talk/hands on session on “Different Research Document Processor tools” on 6<sup>th</sup> Jan 2017.
- Dr. Pravin Futane conducted a session on “Discussion of Implementation of FPL-2 Course and Preparation of Question Bank at FE Engineering” organized at PCCoE, Pune on 30<sup>th</sup> December 2016.

- Dr. Pravin Futane was invited as Judge for Avishkar-2016 Zonal Level Competition supported by SPPU, Pune, organized at PCCoE, Pune on 24<sup>th</sup> December 2016.
- Dr. Pravin Futane delivered expert talk on “Different application avenues of Indian Sign Language Recognition System in Computer Vision” for the MCA students of 28<sup>th</sup> December 2016 at MCA Department, PCCoE, Pune.
- Dr. Pravin Futane was invited as Judge for Innovia-2<sup>nd</sup> Phase, at PCCoE, Pune on 8<sup>th</sup> October 2016.
- Dr. Pravin Futane delivered expert talk on “Research Avenues in Sign language Recognition System” for the PG students of Information Technology and Computer Engineering on 25<sup>th</sup> August 2016 in I.T Department, PCCoE, Pune.
- Dr. Pravin Futane delivered expert talk on “Research Tools – LATEX Or LYX (The Quality Document Processor) and JABREF (The Reference Manual)”, for the PG students of EnTC Engineering on 13<sup>th</sup> October 2016 at E&TC Department, PCCoE, Pune.
- Dr. Sonali Patil was invited as a Resource person for one day Workshop on “Advances in Object Oriented Concepts” held at G. H. Rasoni College of Engineering and Management, Wagholi, Pune on 27<sup>th</sup> September 2016.
- Dr. Sonali Patil was invited as a Resource person for two days Workshop on “Computer Networks and Information Security” for the topic “Role of Cryptography and Digital Signature”, held at MCA Department, PCCoE, on 23<sup>rd</sup> September 2016.
- Mr. Kapil Tajane was invited as a Judge for Poster Presentation Competition ITech OCTOPIA-2016 held at Department of Information Technology, PCCoE, Pune on 30<sup>th</sup> September 2016.
- Mr. Kapil Tajane delivered expert talk on “FUN With C” held during 1<sup>st</sup> to 3<sup>rd</sup> June 2016, organized by Department of Computer Engineering at PCCoE, Pune.
- Mrs. Archana Kadam, Mrs. S. Pede, Ms. H. Mhaske were invited as Judge for Octopia 2016 at Department of Information Technology, PCCoE on 29<sup>th</sup> September 2016.
- Mr. Ganesh Deshmukh was invited as a Resource person for two days workshop on “computer networks and information security” held at PCCoE MCA Dept. on 23<sup>rd</sup> September 2016.
- Mr. Shrikant Kokate was invited as a judge for Octopia 2016 – Poster Presentation and Project Competition held at Department of Information Technology, PCCoE, Pune.
- Mr. Rajesh Lomte delivered expert talk on “Principle of modern compiler design” held at RMDSCOE on 28<sup>th</sup> September 2016.
- Mrs. Deepa Abin was invited as Judge for Extempo Event in Anantya 2016 organized by Computer Engineering department, PCCoE on 22<sup>nd</sup> October 2016.
- Mrs. Archana Kadam delivered Guest Lecture on “Introduction and DFA minimization” for TE C computer department students on 20<sup>th</sup> July 2016.
- Mr. Shrikant Kokate delivered expert talk on “JAVA Programming” in T&P Preparation sessions” on 31<sup>st</sup> August 2016 at Department of E & TC, PCCoE, Pune.
- Mrs. Deepa Abin delivered expert talk on “Written Communication skills” for S.E,T.E and B.E Marathi and Semi English school medium students of Computer department on 9<sup>th</sup> September 2016.
- Mrs. Deepa Abin delivered expert talk on “English Grammar and Verbal Communication” for F.Y.M.E students of Computer department on 6<sup>th</sup> October 2016.

## Information Technology

- Dr. Sudeep Thepade was invited as an external expert for Ph.D progress reviews at Computer Engineering Research Center at SKN, College of Engineering.
- Dr. Sudeep Thepade was invited as a speaker in International Conference on Global Trends in Engineering, Technology and Management (ICGTETM – 2016).
- Dr. Sudeep Thepade was invited as an external reviewer for Ethiopian M.Tech Students at Symbiosis University.
- Dr. Nilesh Uke conducted a Sanshodhan - Research Workshop at Indira College of Engineering and Management (ICEM), Pune and delivered a session on "Funding opportunities in India - Towards research journey" on 8<sup>th</sup> October. 2016.
- Dr. Nilesh Uke conducted a workshop on "Research Methodology" for PG & Ph.D at G.H Rasoni College of Engineering and management, Wagholi on 9<sup>th</sup> September 2016.
- Dr. Nilesh Uke conducted a seminar on "How to write effective research proposals at Cummins College of Engineering for Women on 8<sup>th</sup> June 2016.



A Sanshodhan - Research Workshop

## Civil Engineering

- Dr. S. T. Mali delivered lecture on topic "Onsite Sanitation and Introduction to Package Sewage Treatment Plant and Industrial Waste-Water Treatment" at Department of Civil Engineering, Sinhgad Academy of Engineering, Kondhwa on 28<sup>th</sup> September 2016
- Dr. S. T. Mali and Mr. T. S. Khambekar delivered lecture on Audit Course topic "Environmental Studies" for S. E. Computer students of PCCoE on 07<sup>th</sup> September 2016.

## MCA Department

- Mrs. Suchita Borkar delivered lecture "Personality Development and Attitude Building" at SNBP College, Pimpri on 01<sup>st</sup> September 2016.
- Mr. Sopan Aghav delivered lecture "Online Marketing, Web based Advertising" to SY M.Com students at Department of Commerce, Savitribai Phule Pune University on 28<sup>th</sup> September 2016

## MBA Department

- Mr. Chetan Patil has conducted seven days workshop and comprehensive preparation for Equity Derivative Module of NISM Exam for MBA students.

## Faculty Interaction with outside world

## Mechanical Engineering

- Mr. V. K.Aher was invited as an External Examiner for TAP-2 Examination for 3<sup>rd</sup> Year batch of Volkswagen Mechatronics Academy on 11<sup>th</sup> August 2016 at Volkswagen India Pvt Ltd., Chakan, Pune.
- Mr. U.I.Shaikh Worked as an examiner for B.E. Project review at Indira College of Engineering. Anf Management, Parandwadi on 10<sup>th</sup> October 2016.
- Mr. V. U Garud Selected as Organizing committee Member and Dr. S. S. Lakade Selected as Advisory Board Member of "International Conference on Light weighting Technology for Transport Sector 2016".
- Dr. Pravin Futane worked as a Reviewer for the International Conference on Computing, Communication

## Computer Engineering

- Dr. A.D. Thakare worked as External Examiner for M. E. Exam at Gadge Baba Amravati University
- Dr. A.D. Thakare worked as TPC chair for Databases track for IEEE International Conference on ICCUBEA held on 12<sup>th</sup> - 13<sup>th</sup> August 2016.
- Dr. A.D. Thakare worked as Reviewers for IEEE International Conference CAST2016, conducted at College of Engineering, Pune.
- Dr Pravin Futane worked as Reviewers for International Conference on 2016 IEEE Sponsored International Conference on Advances in Electronics, Communication and Computer Technology (ICAECCT 2016) on 2<sup>nd</sup> & 3<sup>rd</sup> December 2016 held at Rajarshi Shahu College of Engineering, Pune
- Dr. Pravin Futane worked as a Session Chair for the International Conference on Computing, Communication Control and Automation ICC3A 2016 on 12<sup>th</sup> -13<sup>th</sup> August 2016 held at PCCoE, Pune.
- Dr. Pravin Futane worked as a Reviewer for the International Conference on Computing, Communication Control and Automation ICC3A 2016 to be held at COEP, Pune.
- Dr. Pravin Futane worked as a Reviewer for the International Journal of Intelligent Systems (JISYS) - ScholarOne Manuscripts in August 2016.
- Dr. Pravin R Futane worked as Reviewer for IEEE International Conference CAST2016 conducted at College of Engineering, Pune.
- Dr. Pravin Futane is appointed on the Editorial Board for the Journal of Advanced Research as a Chief Editor.
- Dr. Sonali Patil worked as a Session Chair and Reviewer for the International Conference on Computing, Communication Control and Automation ICC3A 2016 on 12<sup>th</sup> - 13<sup>th</sup> August 2016 held at PCCOE, Pune
- Dr. Sonali Patil worked as Reviewer for the IEEE International Conference on "Computing, Analytics and Security Trends" (CAST 2016) during September 2016 held at COEP, Pune.
- Mrs. Archana Kadam worked as Reviewers for International Journal of "Applied soft Computing" of Elsevier sponsored by Scopus and sciencedirect.
- Mrs. Reena Kharat, Mrs. Archana Kadam, Mrs. Deepa Abin worked as Reviewers for International Conference ICCUBEA 2016.
- Mr. Kapil Tajane is appointed as Editorial Board Member of International Journal of Computer Engineering & Technology(IJCET).
- Mr. Rajesh Lomte worked as External Examiner for the M.E Dissertation at BNCOE, Pusad (Amravati University) on 18<sup>th</sup> August 2016.
- Mrs. Sushma Vispute has developed lab manual for subject Computer Laboratory-IV (Business Analytic and Intelligence) in association with Dr. Sunita A. Jahirabdkar, Dean (R & D), Professor (Dept. of Computer Engineering), Cummins College of Engineering for Women, Pune, Subject Chairman, BAI subject, SPPU.

## Information Technology

- Dr. Sudeep Thepade is an International Advisory Board Member in International conference on 'Data Engineering & Communication Technology (ICDECT-17).
- Dr. Sudeep Thepade served as Technical Programme Committee member for International Conference ICT Innovations 2016.

- Dr. Sudeep Thepade reviewed papers in International conference on “Internet of Things, Next Generation Networks and Cloud Computing 2016” (ICINC- 2016)”.
- Dr. Sudeep Thepade reviewed papers in IEEE International Conference on Computing, Analytics and Signal Processing (CASP-2016) at College of Engineering, Pune.
- Dr. Sudeep Thepade and Dr. Nilesh Uke reviewed papers in IEEE International Conference on Computing, Analytics and Security Trends (CAST-2016) at College of Engineering, Pune.
- Dr. S. D. Thepade, Dr. S. V. Shinde, Dr. Nilesh Uke and Mrs. J. V. Katti served as Technical Programme Chair for 2nd IEEE International Conference on Computing, Communication, Control and Automation by PCCOE, Pune on August 12<sup>th</sup> -13<sup>th</sup>, 2016.
- Dr. Swati Shinde served as Technical Programme Chair for RICE 2016 Conference.
- Dr. Swati Shinde reviewed papers in IEEE ICA CDOT 2016.
- Dr. Nilesh Uke published a research article with collaboration of CDAC Pune.
- Dr. Nilesh Uke served as Technical Programme Committee member for conference NCRTIT-2016 at Government College of Engineering, Karad.
- Dr. Nilesh Uke reviewed papers in International Conference on Technological Innovations in Engineering - ICTIE-2016 at MIT, Pune.
- Mrs. J. V. Katti, Mrs. Jaya Dewan, Mrs. Vaishali Kulloli and Mr. Vijay Katkar reviewed papers in IEEE International Conference on Computing, Analytics and Security Trends (CAST-2016) at College of Engineering, Pune.
- Mr. Ramkrishna Vadali and Mr. Vijay Katkar and Mrs. Rohini Pise reviewed papers in 2<sup>nd</sup> IEEE International Conference on Computing, Communication, Control and Automation by PCCoE, Pune on August 12 -13, 2016.
- Mrs. Vaishali Kulloli attended a Regional Research Conference INNOVATION 2016 at Modern College of Engineering on 7th Oct. 2016.

## Electronics and Telecommunication

- Mrs. Rajani.PK contributed as a Session Chair for the 8<sup>th</sup> International Conference on Signal Processing Systems (ICSPS 2016), held at AUT University, Auckland, New Zealand from November 21<sup>th</sup>-24<sup>th</sup> 2016.
- Dr. N.B Chopade served as General Chair for IEEE Pune Section Sponsored Second International Conference on Computer Communication Control and Automation (ICCUBEA 2016) at P.C.C.O.E Nigdi , Pune on 12<sup>th</sup>-13<sup>th</sup> August 2016.
- Dr. V.N Patil was honoured as General Chair and session chair for IEEE Pune Section Sponsored International Conference on Automatic Control and Dynamic Optimization Technique (ICACDOT 2016) at Institute of Information Technology, Hinjawadi, (I2IT) Pune on 9<sup>th</sup> and 10<sup>th</sup> September. 2016.
- Dr. S.U Bhandari served as Finance Chair for IEEE Pune Section Sponsored Second International Conference on Computer Communication Control and Automation (ICCUBEA 2016) at P.C.C.O.E, Pune on 12<sup>th</sup>-13<sup>th</sup> August 2016.
- Mr. A.R Suryawanshi served as Technical Chair and session chair for Automation & control track in ICCUBEA-2016 international conference held at PCCoE on 12<sup>th</sup>-13<sup>th</sup> August 2016.
- Mr. A.R Suryawanshi attended training on different Machines such as PMDC motor, three phase Induction Motor, BLDC motor & Stepper motor at Tachometric control at Narhe on 13<sup>th</sup> September 2016.

- Dr. S.U Bhandari worked for syllabus revision of Digital Electronics Course of S.E at MITCOE Alandi in August 2016 Dr.N.B Chopade, Dr. V.N Patil, Mr. A.B Patil, Mrs. D.S Khurge served as Session Chair in IEEE Pune Section sponsored Second International Conference on Computer Communication Control and Automation (ICCUBEA 2016) at Pimpri Chinchwad College of Engineering, Nigdi , Pune on 12th Aug. 2016.
- Mrs.Rajani.PK served as session chair and Technical Programme Chair for "Signal Processing and Applications" track in IEEE Pune Section Sponsored Second International Conference on Computer Communication Control and Automation (ICCUBEA 2016) held at PCCoE Nigdi , on 12<sup>th</sup> & 13<sup>th</sup> August 2016.
- Mrs.Rajani.PK worked as Organizing committee member for the Orientation Lecture on Avishkar-2016, Saturday, 24<sup>th</sup> September 2016 at PCCoE in association with Board of College & University Development of Savitribai Phule Pune University, Pune.
- Dr. N.B Chopade was Examiner for dissertation of ME ( Digital Electronics) students of Sant Gadge Baba Amravati University on 16th and 20<sup>th</sup> August 2016.
- Mrs. Jyoti Kulkarni worked as reviewer in IEEE Pune Section sponsored Second International Conference on Computer Communication Control and Automation (ICCUBEA 2016) at Pimpri Chinchwad College of Engineering, Nigdi , Pune..

### MBA Department

- Dr. Anuja Johri attended one day Workshop of NPL organized by Indian Society for Training and Development on 17<sup>th</sup> September 2016.

### Outcomes

#### Student Laurels

- Mr. Sumit Karpe (MCASY) developed a project on "DigiPanchayat", An application for Grampanchayat got selected for State Level Avishkar 2016-17 Project Competition.
- Mr. Omkar Deshpande, Mr. Amit Vishwakarma from MCA Dept. developed a project "Modern Billing System" for Modern Tyre & Tubes Pvt Ltd.
- Adarsh Sinha, Student of T.E E & Tc bagged third position for his project "Voice Controlled Home automation system" in the field of smart infrastructure in IOT track of Ideate competition at IIT Bombay Techfest sponsored by L&T electrical and automation on 16<sup>th</sup> December 2016



Adarsh Sinha at IIT Bombay Techfest

#### Awards and Recognition for Faculty

- Mr. A. V Suryavanshi & Mr. N. V Gaikwad awarded "Dronacharya Award" for best Faculty Advisor of SUPRA SAEINDIA 2016 Competition held at Buddha International circuit Greater Noida Delhi between 4th - 9th July 2016.
- Dr. Sudeep Thepade is conferred with Dr. A.P.J. Abdul Kalam Best Teacher Award by innovative & informative Technology Solutions (IITech) Bangalore.
- Dr. Swati Shinde is conferred with Dr. A.P.J. Abdul Kalam Woman Achiever Award by innovative & informative Technology Solutions (IITech) Bangalore
- Dr. Santosh M. Shinde is awarded with the degree of Doctor of Philosophy (Ph. D.) in Faculty of Management of Savitribai Phule Pune University on 19<sup>th</sup> July 2016. The Title of the Thesis is - "Analysis and Measurement of Brand Equity of Oral Hygiene Products".



**Dr. Swati Shinde**  
Recipient of Dr. A.P.J. Abdul Kalam Woman Achiever Award



**Dr. Sudeep Thepade**  
Recipient of Dr. A.P.J. Abdul Kalam Best Teacher Award



**Dr. Santosh M. Shinde**  
Awarded Ph.D. degree in Faculty of Management



**Mr. N.V. Gaikwad**  
Recipient of "Dronacharya Award" for best Faculty Advisor of SUPRA SAEINDIA 2016 Competition



**Mr. A. V Suryavanshi**  
Recipient of "Dronacharya Award" for best Faculty Advisor of SUPRA SAEINDIA 2016 Competition

## Faculty Laurels

- Dr. Sudeep Thepade published a paper on "Block truncation coding with colour clumps: A novel feature extraction technique for content based image classification" in SCI Indexed Journal 'SADHANA: Academy Proceedings in Engineering Sciences', Sept. 2016, Volume 41, Issue9, pp 939–958.
- Dr. Sonali Patil granted a Copyright for Diary Number: 11705/2015-CO/L, Title: Multifarious Secret Sharing with Augmented Capabilities
- Mrs. D.S Khurge submitted Ph.D. Thesis to RTM, Nagpur University Titled " Performance Improvement Of 25 Memory Structures Using Quaternary LUT For High Speed, Low Power Applications".
- Mr. N. V. Gaikwad completed Eight week online certification course on "Refrigeration and Air conditioning" jointly conducted by NPTEL and IIT Roorkee during 18th Jul. - 9th Sep. 2016 with score of 71%.
- Mr. V.U. Garud selected as Editor on Editorial Board of International Journal of Emerging Technology and Advanced Engineering. ISSN 2250-2459, ISO 9001:2008 Certified Journal.
- Mr. Kapil. D. Tajane, Mr. R. Pitale completed 'International Software Testing Qualifications Board (ISTQB) Certification' from German Board.
- Mrs. Sushma R. Vispute completed NPTEL course for subject "Introduction to Machine Learning", organized by IIT, Madras.
- Mrs. A. Kadam, Mrs. S. Pede, Ms. H. Mhaske completed online course "Introduction to R Programming".

## Student Publications with Faculty

- Dipali Pathak, Dr N B Chopade, Mr Vishal Halale, 'Automated Tool for Calibration Features Checking Engine Platform', in International Journal on Recent and Innovation Trends in Computing and Communication Engineering ISSN: 2321-8169 Volume: 4 Issue: 6, 2016 PP 474 – 476. June 2016, available @<http://www.ijritcc.org>.
- Prajwal G. Awade, Dr. Nilkantha Chopade, Ramakrishna Bodhula, "Implementation of Barrel Distortion Correction on DSP in Real Time," in 2nd International Conference on Computing, Communication, Control & Automation (ICUBEA 2016), Pune, India, 12-13 August 2016.
- Supriya Lakade, Sheetal Bhandari, Swapnil Phatak, "Development of SCADA System for Turbocharger Testing ", in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Vol.5, July 2016, ISSN (Print) : 2320 – 3765 ISSN (Online): 2278 – 8875 (IF: 5.621) available @ [www.ijareeie.com](http://www.ijareeie.com)

- Supriya Lakade, Sheetal Bhandari, Swapnil Phatak, "Development of SCADA system for CTT Turbo Charger," in 2nd International Conference on Computing, Communication, Control & Automation (ICUBEA 2016), Pune, India, 12-13 August 2016.
- Ashok Suryawanshi, Divyata Khachane, and Durvesh Pathak published & presented paper at international conference in ICCUBEA-2016 titled Data Selection and Filtration Technique for Tuning Virtual Sensor Model of NOx estimation in MATLAB.
- Prajakta Kulkarni, Mrs.Rajani.PK, Kanupriya Varma, "Development of On Board Diagnostics (OBD) Testing Tool to Scan Emission Control System" ICUBEA 2016, Pune, 12<sup>th</sup> -13<sup>th</sup> August 2016 and won best paper title.
- Divyata Khachane , Anjali Shrivastav, "Wireless Sensor Network and its applications in Automobile industry", in International Research Journal of Engineering and Technology (IRJET) , Volume: 03 Issue: 05 | May-2016 e-ISSN: 2395 -0056, p-ISSN: 2395-0072
- Divyata Khachane , Anjali Shivastav, " Antilock Braking System and Its Advancement", in International Research Journal of Engineering and Technology (IRJET) , Volume: 03 Issue: 05 | May-2016 e-ISSN: 2395 -0056, p-ISSN: 2395-0072
- N.G. Navghade, S.D. Godbole, V.K. Harpale, "Comparative Study and Implementation of Conventional and Adaptive Method of Moments Estimation for Wind Profiler Radar.", in Second International Conference on Computing, Communication, Control And Automation , August 2016.
- Narayani Ghatwai, V.K.Harpale, Dr. Mangesh Kale, "Vehicle to Vehicle Communications for crash avoidance systems" in 2nd International Conference on Computing, Communication, Control And Automation (ICUBEA 2016), August 2016.
- Shirish D. Kalbhor, V.K.Harpale, "The Review of Detection and Classification of Epileptic Seizures Using Wavelet Transform" in 2nd International Conference on Computing, Communication, Control And Automation (ICUBEA 2016), August 2016.
- Rushali Verma, A.P. Nomula, Varsha Bendre presented paper titled "Study of the Hypervelocity projectile Launcher" in 2<sup>nd</sup> International Conference on Computing, Communication, Control And Automation (ICUBEA), August, 2016.
- Rushali Verma, A.P. Nomula, Kishore Jadhav, Varsha Bendre presented paper titled "Designing and Development of Automated Control System for an Electromagnetic Launcher", in International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT) in September, 2016 and received Best paper Award.
- Karishma B Bhegade and Swati V Shinde, "Student Performance Prediction System with Educational Data Mining" in International Journal of Computer Applications (IJCA) Volume 146, Issue 5, July 2016, pp 32-35
- Bhavana R Mundane and Swati V Shinde, "Data classification using Homogenous process" " in International Journal of Computer Applications (IJCA) Volume 146, Issue 5<sup>th</sup> July 2016, pp 6-10
- Madan Somvanshi and Dr. Swati Shinde, "A Review of Machine Learning Techniques using Decision Tree and Support Vector Machine", in 2<sup>nd</sup> IEEE International Conference on Computing, Communication, Control and Automation by PCCOE, Pune on August 12 -13, 2016.
- Monali Rajurkar, Dr. Nilesh Uke, "Preventing SQL Injection attack by using Pattern Matching Algorithm" in International Research Journal of Engineering and Technology (IRJET) Volume 3, Issue 6, June 2016 ,pp 1357-1361
- Pramod Khandare, Dr. Nilesh Uke, "Analysis on Fast Nearest Neighbor Search with Keywords" in International Journal of Innovative Research in Computer and Communication Engineering , Volume 4, Issue 6, June 2016 ,pp 12882 -12886

- Pramod Khandare, Dr. Nilesh Uke, "Fast nearest Neighbor Search with Keywords Using IR2-Tree" in International Journal on Recent and Innovation Trends in Computing and Communication Volume 4, Issue 6, June 2016, pp. 364-368
- Ndayishimye Moise, Dr. Nilesh Uke, "A Study on Sensory Data processing Framework in integration of WSN and Cloud Computing" in International Journal of Advanced Research in Computer and Communication Engineering Volume 5, Issue 6, June 2016, pp 379-382.
- Chandrakant Dhutadmal, Mahesh Kulkarni, Nilesh Uke, Rahul Borade, and Deepak Dhore, "Issues and Challenges in digitization of Marathi Language Books", in Springer International Conference on Intelligent Computing and Applications (ICICA 2016) by DYPCOE Akurdi, Pune on Dec. 20-22, 2016
- Sarika Deokate and Dr. Nilesh Uke, "Various approaches used in Handwritten Marathi Character Recognition", in Techno-Societal 2016 International Conference on Advanced Technologies for Societal Applications organized by SVERIs College of Engineering, Pandharpur on Dec. 20-21, 2016.
- Tejas Kulkarni and Mrs. Jaya Dewan, "Digital Video watermarking using Hybrid Wavelet Transform with Cosine, Haar, Kekre, Walsh, Slant and Sine transforms" in 2nd IEEE International Conference on Computing, Communication, Control and Automation by PCCOE, Pune on Aug. 12 -13, 2016.
- Madhavi Kunte, Shweta Gangawane, Ketki Kate and Mrs. Rohini Pise "Improved Tampering Localization in Digital image Forensics: Comparative Study Based on Maximal Entropy Random Walk and Multi-Scale Fusion" in IJRITCC, Volume 4, Issue 9, Sept. 2016, PP 42-46.
- Ms. Twinkle Jagani, Ms. Snehal Dilip Sawant, Ms. Komal Vijay Sonawane and Ms. Anagha Chaudhari , "Development of an Intelligent System for IoT using Web Services and Cyber Physical Approaches" in World Journal of Research and Review (WJRR) Volume 3, Issue 1, July 2016, PP 28-32.
- Ms. Aishwarya Deshpande, Ms. Sharvari Deshpande, Ms. Monika Doke, and Ms. Anagha Chaudhari, "Unsupervised Feature Selection Using Evolutionary Algorithms" in World Journal of Research and Review (WJRR) Volume 3, Issue 1, July 2016, PP 38-42.
- Sushilkumar Prasad, Akshay Sangale, Shivpratapsingh Chavan and Ms. Babita Sonare, "Improving the storage and quality of discrete color images using lossless image compression techniques" in International Research Journal of Engineering and Technology (IRJET) Volume 3, Issue 6, June 2016, pp 2854 – 2858.

### Student Patents with Faculty

- Ms. Anagha Chaudhari, Ms. Bhakti Ratnaparkhi, Mr. Aditya G. Bhor , Ms. Poonam P. Rajurkar , Ms. Komal K. Rahane and Ms. Neha S. Pathak have filed a patent (201621015176) titled "Distributed Queuing System"
- Ms. Anagha N. Chaudhari, Mr. Shubham Lahiri, Mr. Nikhil Jyoti and Mr. Sohil Pyati filed a patent (201621000274) titled "Paper And Money Free Ticketing System For Public Transport"

### Faculty Patent and Copyrights

- Mr. N.S. Thakre has filed a patent (201621032713/MUM/2016) titled 'Development of cost effective photon absorption element for solar cell'.
- Dr. Anuradha Thakare & Mrs. Santwana Gudadhe filed a patent titled "A System and Method for detecting medical conditions of an individual" , Ref No. E-2/976/2016-MUM.

- Dr. Sonali Patil, filed a Patent Cooperation Treaty (PCT), titled " Device Detection System", with Provisional PCT Number: PCT/IN2016/000128.
- Mrs. Deepa Abin and Ms. Anagha Chaudhari filed a patent (20162101518) titled "A Quick Remote file Access Gadget".
- Mrs. Swati Chandurkar filed a Copyright titled "Designing and Recording emotional speech database system" on 09<sup>th</sup> July 2016.
- Mrs. P. Surana filed Copyright titled "Development of Android App for Real Time Traffic And Traffic Prediction using Data Mining Techniques" on 4<sup>th</sup> April 2016.

## Faculty Publications

### Mechanical Engineering

- Dr. Anindita Roy presented a paper titled "Numerical Investigation on variable length wind turbine blade", at The IET Renewable Power Generation Conference, from 21<sup>st</sup> to 23<sup>rd</sup> September 2016, held at London, UK.
- Mrs. N. A. Mandhare presented research paper titled "Improvement in Overall Efficiency of Centrifugal Pump through Profile Optimization of Nozzle cap in Centrifugal Pump" in National Conference on 'Thermal Fluid - Science and Tribology Applications' at SVNIT, Surat on 27<sup>th</sup> May, 2016 (ISBN:978-93-5265-440-6).
- Dr. Anindita Roy & Ramesh Vishwakarma presented a paper titled "Experimental Investigation on Thermocline thermal energy storage tank", at The Institution of Engineers India (IEI) Annual Technical Paper Meet, from 15<sup>th</sup> to 16<sup>th</sup> October 2016, at IEI, Pune Local Centre, Shivajinagar.
- Mr.U.G.Potdar presented paper titled 'Experimental Study of Lifted Spray Flame' in BCUD regional research conference INNOVATION-2016 at Rajarshi Shahu College of Engg., pune on 06<sup>th</sup> October 2016.
- Mr. N.S.Thakare published paper in international journal titled "study of converging-diverging nozzle based on explicit Mac Cormack's Method".
- Mr. V.U Garud, Tejas Borhade & Atul More published paper titled "Design and Fabrication of Regenerative Shock Absorber System for Vehicle to Optimize Fuel Economy" in International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 6, Issue 8<sup>th</sup> August 2016).
- Mr. V. U Garud, Mr. Sourabh Kadam, Mr. Rohan Kane, Mr. Vaibhav Kanawale, Mr. Shubham Kamble published paper titled "Automatic Honing Stone Feeding Mechanism to Companasate Tool Wear", International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 6, Issue 9, September 2016).
- M.V. Patil published paper titled "Multi response simulation and optimization of tungsten gas arc welding" International Journal of Applied Mathematical Modelling, 2016.

### Computer Engineering

- Dr. K. Rajeswari, "Image Processing and Data Mining Techniques in the Detection of Diabetic Retinopathy in Fundus Images" in Joint International Conference ICPCIT 2016 and ICICA 2016.
- Dr. K. Rajeswari, "An Intelligent Decision Support System for processing of medical data " in NTMRP 2016, IJCTA 9(32), 2016, pp. 207-212(ISSN: 0974-5572)
- Dr. K. Rajeswari, Dr. Ajay Fulambarkar, "A Study on redesigning modern Health care using Internet of Things" has been accepted for oral presentation at the International Conference on Management of Ergonomic

Design, Industrial Safety and Healthcare Systems (MESH-2016).

- Dr. K. Rajeswari, "A Secured approach towards e-Voting System Using Visual Cryptography and SHA Algorithm" has been accepted for oral presentation in Joint International Conference ICPCIT 2016 and ICICA 2016.
- Dr. A.D. Thakare, "Hybrid Swarm Intelligence Method for Post clustering Content Based Image Retrieval, International Conference on Communication, Computing & Virtualization 2016, Publication by Elsevier 2016.
- Dr. A.D. Thakare, "Introducing automated system for Lung Cancer Detection using Evolutionary Approach" in IJECS 2016.
- Dr. A.D. Thakare, "Genetic Candidate Group Search Approach for Post Clustering Content based Image Retrieval" in IJCA.
- Dr. A.D. Thakare, "An Automated Medical Support System based on Medical Palmistry and Nail Color Analysis" Dissertation stage-1, in June 2016-IJECS.
- Nilesh J. Uke, Pravin R Futane, "Efficient Method for Detecting and Tracking Objects in Videos", in 2016 IEEE Sponsored International Conference on Advances in Electronics, Communication and Computer Technology (ICAECCT 2016) on 2nd -3rd Dec. 2016.
- Sonali S. Shirsath, Pravin R. Futane, "Study and Improve the Recognition Accuracy of Indian Sign Language Number Gesture Approach", in International Journal of Innovative Research in Computer and Communication Engineering, Vol 4, Issue 11 November. 2016.
- Priyanka P. Taware, P. R. Futane, "ARP-GIST Descriptor for Search Based Face Annotation" in International Journal of Innovative Research in Computer and Communication Engineering, Vol. 4, Issue 7, July 2016, pp 13156-13162.
- Varsha V. Mardikar, P. R. Futane, "Detection and Monitoring of Real - time Moving Object using PCA with Window Sliding, in International Journal of Engineering Research & Technology (IJERT), Vol. 5 Issue 07, July-2016, pp 433-437.
- Varsha V. Mardikar, P. R. Futane, "A survey on Moving Object Detection and Tracking", in International Conference on Innovation in Information, Embedded and Communication systems, June 2016, pp 1264-1269.
- Mrs . Swati Chandurkar, "Healing Hands for Depressed People (D-HH) through Analysis of human body signals to predict the level of depression and recommendation of suitable remedy." in ICCUBEA 2016 , International conference, Volume: 00, Issue:00 2015.
- Mrs. Namrata Gawande, Meghna Lokhande, Shweta Koparde, Smita Khairnar, "Higher Order Non Linear Analysis of Dynamic Texture Synthesis" in International Research Journal of Engineering and Technology, Volume: 03 Issue: 05 , May-2016.
- Mrs .Reena Kharat, "Multi-factor Authentication Using Recursive XOR-Based Visual Cryptography in Online Voting System " in Communications in Computer and Information Science, Springer, Volume: 625, pp. 52-62, 2016.
- Mrs .Reena Kharat, "Secure Authentication in Online Voting System Using Multiple Image Secret Sharing" in Communications in Computer and Information Science, Springer, Volume: 625, pp. 336-343, 2016

- Dr. Sudeep Thepade , "Visual Content Based Image Classification Using Function, Rule and Tree Family Data Mining Classifiers with LBG Vector Quantization Method", in 7<sup>th</sup> International Conference & Workshop on Electronics & Telecommunication Engineering (ICWET 2016) by TCET Mumbai on Feb. 26-27, 2016.
- Dr. Sudeep Thepade, "Content Based Video Retrieval using Self Mutated Hybrid Wavelet Transforms with assorted Colour Spaces", in 7<sup>th</sup> International Conference & Workshop on Electronics & Telecommunication Engineering (ICWET 2016) by TCET Mumbai on Feb. 26-27, 2016.
- Dr. Sudeep Thepade, "Performance Comparison of Color spaces in Novel Video Content Summarization using Thepade's sorted n-ary Block Truncation", in 7<sup>th</sup> International Conference & Workshop on Electronics & Telecommunication Engineering (ICWET 2016) by TCET Mumbai on February 26-27, 2016.
- Dr. Sudeep Thepade, "Multifinger Biometric Identification With Score Level Fusion Using Thepade's Sorted n-ary Block Truncation Coding", in 7<sup>th</sup> International Conference & Workshop on Electronics & Telecommunication Engineering (ICWET 2016) by TCET Mumbai on February 26-27, 2016.
- Dr. Sudeep Thepade, "Vehicle Traffic Density Estimation using Bayes, Rule, Tree Family Data Mining Classifiers Applied on Background Subtracted Traffic Images", in 7<sup>th</sup> International Conference & Workshop on Electronics & Telecommunication Engineering (ICWET 2016) by TCET Mumbai on February 26-27, 2016.
- Dr. Sudeep Thepade, "Image Watermarking using Hybrid Wavelet Transforms with Varying Proportions of Constituent Transforms ", in 7<sup>th</sup> International Conference & Workshop on Electronics & Telecommunication Engineering (ICWET 2016) by TCET Mumbai on February 26-27, 2016.
- Dr. Sudeep Thepade, "Improved Sign Language Recognition Using Cosine-Haar Hybrid Wavelet Transform and Assorted Similarity Measures with Energy Compaction", in 7<sup>th</sup> International Conference & Workshop on Electronics & Telecommunication Engineering (ICWET 2016) by TCET Mumbai on February 26-27, 2016.
- Dr. Swati Shinde, "Skin Color Detection Based On Multi-level Fuzzy Min-Max Neural Network", in International Journal on Computer Science and Engineering (IJCSSE) 2016.
- Dr. Swati Shinde, "Pattern Classification using modified enhanced fuzzy Min-Max Neural Network", in 2<sup>nd</sup> IEEE International Conference on Computing, Communication, Control and Automation by PCCOE, Pune on Aug. 12 -13, 2016.
- Dr. Nilesh J. Uke, "Efficient Method for Moving Object Detection and Tracking in Video", in IEEE International Conference on Advances in Electronics, Communication and Computer Technology (ICAECCT2016) by Rajarshi Shahu College of Engineering, Pune on December. 2-3, 2016.
- Dr. Nilesh J. Uke, Anupkumar M. Tarkase , "Cloud-based Multimedia System for Social Interaction" in International Journal on Emerging Trends in Technology, Volume 3, Issue 3 , September 2016
- Mrs. Jaya Dewan , "Digital Video Watermarking Using Hybrid Wavelet Transform With Cosine, Haar, Kekre, Walsh, Slant And Sine Transforms" in 2<sup>nd</sup> International Conference on Computing, Communication, Control And Automation, 12 -13<sup>th</sup> August 2016
- Mrs. Jaya Dewan, "Self-Mutated Hybrid Wavelet Transform based Iris Recognition Technique using Partial Energies of Transformed Iris Images with Cosine, Walsh, Sine and Kekre Transform" in IEEE First International Conference on Power Electronics, Intelligent control and Energy Systems (ICPEICES), July 4-6, 2016.
- Rashmi Gadbaile, "Adaptive Huffman algorithm compression technique for xml database", in International Journal of Latest Trends in Engineering and Technology (IJLTET), Volume 7, Issue 3, June 2016, PP 67-72.

- Rashmi Gadbaile, "XML Database Compression by Adaptive Huffman Coding Algorithm Technique", in International Journal of Latest Trends in Engineering and Technology (IJLTET), Volume 7, Issue 2n August 2016.
- Bhakti Ratnaparkhi, "Implementation of Student Psychology Prediction-Recommendation Two Phase Strategy", in International Journal of Computer Science and Network, Volume 5, Issue 5, October 2016.

### Electronics and Telecommunication

- Mrs. Rajani.P.K and Dr. Arti Khaparde (M.I.T, Pune) presented the research paper titled " Comparison of Frequency Selective Extrapolation and Patch Matching Algorithm for Error Concealment in Spatial Domain" in 8th International Conference on Signal Processing Systems (ICSPS 2016), held at AUT University, Auckland, New Zealand during November 21-24, 2016. The paper is published in the International Conference Proceedings and in ACM Digital Library, indexed by Ei Compendex and Scopus.
- Mrs. Varsha Bendre presented research paper titled " Performance Analysis of Operational Transconductance Amplifier at 180nm Technology", at Second International Conference on "Innovative Applications of Computational Intelligence on Power, Energy and Controls with their impact on Humanity (CIPECH-16), " organized by Krishna Institute of Engineering and Technology, Ghaziabad, India on November 18-19, 2016
- D.S Khurge presented paper titled "Embedded platform for Signal processing applications", in ICUBEA 2016, Pune during 12<sup>th</sup> -13<sup>th</sup> August 2016 and received best paper title.
- Mrs. D.S.Khurge presented paper titled "Synthesizable Quaternary Logic Blocks," in ICUBEA 2016, Pune, and received best paper title.

### Civil Department

- Dr. S. T. Mali, "Application of Genetic Programming in Modeling of Landfill Gas", in 32<sup>nd</sup> National Convention of Environmental Engineers, Challenges in Environment Management of Growing Urbanization organized by Institution of Engineers
- Dr. S. T. Mali, "Riverfront Development", in 32<sup>nd</sup> National Convention of Environmental Engineers, Challenges in Environment Management of Growing Urbanization organized by Institution of Engineers
- Mrs. S. S. Motegaonkar, " Bias Correction for Monthly Air Filed from IPCC Ar4 Model Using Quantile Based Matching Method over Indian Region", in 3<sup>rd</sup> National Conference on Sustainable Water Resource Development and Management SWARDAM-2016 organized by Department of Civil Engineering, Government College of engineering, Aurangabad.

### PhD Registration

- Mr. M. V. Patil has registered for Ph.D. in mechanical Engineering at Symbiosis International University in A.Y. 2016-17.
- Mrs Sonal A. Gore has registered for Ph. D in Computer Engineering at the research centre Symbiosis International University, Pune, in the area of Medical Image Analysis.
- Mrs. Alka Londhe has registered for Ph. D in Computer Science and Engineering at the research centre "K. L. University, Vaddeswaram, Andhra Pradesh", in the area of Big Data Analytics.

### Faculty Research Proposal and Grants

- Research proposal titled "Design and development of 2 kW wind-photovoltaic hybrid systems for low wind areas" by Dr. Anindita Roy of Rs. 2,20,000/- has been sanctioned by BCUD, SPPU for financial year 2016-18.

- Research proposal titled “ Analysis of Human body signals to predict the level of depression” by Mrs. Swati Chandurkar (Co-PI) of Rs. 40,000/- has been sanctioned by BCUD, SPPU for financial year 2015-17
- Dr. Sudeep D. Thepade and Jaya Dewan received the BCUD, SPPU Grant of Rs. 1,00,000/- for the project “Analysis of Surveillance Videos for Event Detection and Alarming System Using Video Content Compression, Summarization and Classification” for financial year 2016-18.
- Team “Solarium” participated in the virtual round of National solar vehicle challenges 2016 held in in Oct 2016 & won first prize all over the India.The team is headed by Calvin Rohan Raj & seconded by Archit sahu.Dr. Anandita Roy, Mr.P.A.Anjankar & Mr.G.D.Kale coordinated this event.

## MOUs

- MOU of civil department with M/s. Software Academy For Civil Engineers (SACE) for the conduction of training workshop of AutoCAD Software for SE Students.
- MOU of civil department with M/s. Bentley Institutes, Prabha Consultancy, Pune for the conduction of training workshop of 'STAAD Pro' Software for TE & BE Students.

## Consultancy Work

- Wind Tunnel Machine in Fluid Mechanics Laboratory was used for the testing purpose in civil department.
- The Universal Testing Machine in Testing of Material Laboratory was used for testing of Fibre material part of automobile in civil department.
- The Universal Testing Machine of Testing of Material Laboratory was used for testing of fibre shaft in civil department.

# PROFESSIONAL COMPETENCE

PCCoE is committed towards the intellectual, spiritual and personal development of each student with central focus on their personal and professional enrichment which are prerequisites for success in today's fast paced life. To ensure this, Plethora of training programs, activities and events are conducted so that our students gradually emerge as versatile personality well equipped with all required skill sets relevant to current and emerging employment market needs and also motivate them for higher studies.

For Professional Competency development of students, we primarily focus on three major aspects:

- Industry Institute Interaction through Industrial Tours and Visits
- Career Development of Students
- Overall Development of Students

## Industry Institute Interaction

### Industrial Tours

#### Tour to Amritsar-Delhi-Agra

**Date:** 4<sup>th</sup> to 13<sup>th</sup> Deceber 2016.

**Beneficiaries:** Total 99 TE E&Tc students and 04 Faculty members

**Companies Visited:** Delphi Automotive Systems Pvt. Ltd at Dharuhera, Haryana and Lorom India Corp. Pvt. Ltd. at Chopanki, Bhiwadi, Rajasthan

**Spiritual and historical places visited:** Golden Temple, Jalianwala Baugh and Wagah Boarder at Amritsar; Red Fort, Lotus Temple, Akshardham temple, India Gate, Rajghat, Rashtrapati Bhavan, Parliament, Delhi Secretariat at Delhi; TajMahal & Fatehpur-Sikri at Agra.



Delphi Automotive Systems Pvt. Ltd.



Lorom India Corp. Pvt. Ltd.

### Industrial Visits

- Visit to **Vigyan Ashram** on 13<sup>th</sup> October 2016 along for ME E&TC and Computer science students.
- Site Visit to **Aum Vihar Construction** Project for S.E. Civil students under the subject Building Technology and Materials (BTM). Mr. P. P. Mane coordinated the visit.
- Site Visit to **Agarwal House in Nigdi Pradhikaran** for S.E. Civil students under the subject Audit Course. Mrs. N. S. Sane coordinated the visit.
- Site Visit to **Indian Metrological Department**, Pune for T.E. Civil students under the subject Hydrology and Water Resource Engineering (HWRE). Mrs. N. S. Sane coordinated the visit.

- Site Visit to **Central Water and Power Research Station, Pune** for T.E. Civil students under the subject Fluid Mechanics-II. Mrs. S. M. Motegaonkar coordinated the visit.
- Site Visit to **Central Water and Power Research Station, Pune** for T.E. Civil students under subject Structural Design-I. Mrs. K. D. Dhapekar coordinated the visit.
- Site Visit to **Pune Station, Pune** for T.E. Civil students under the subject Structural Design-I . Mrs. K. D. Dhapekar coordinated the visit.
- Site Visit to **Sewage Treatment Plant-ISBR, Akurdi** for B.E. Civil students under the subject Environmental Engineering-II. Dr. S. T. Mali coordinated the visit.
- Site Visit to **Ajwani Infrastructure, Pune** for B.E. Civil students under the subject Transportation Engineering. Mr. D.A. Ugale coordinated the visit.
- Site **Visit to J.R.D. TATA Flyover, Pune** for B.E. Civil students under the subject Transportation Engineering. Mr. D. A. Ugale coordinated the visit.
- Site **Visit to J.R.D. TATA Flyover, Pune** for B.E. Civil students under the subject of Structural Design-III. Mr. V. B. Kale coordinated the visit.
- Site Visit to **NHAI's Pawana River Bridge Retaining Wall Pune** for B.E. Civil students under the subject Structural Design-III. Mr. V. B. Kale coordinated the visit.



Site Visit of S.E Students at Aum Vihar Site



Visit of T.E Students at IMD, Pune



Site Visit of B. E. Students at J.R.D. TATA Flyover



Site Visit of B. E. Students at WTP, Nigdi

- Visit to **Forbes Marshall for SE(Mech.)** with 226 participating students from 19<sup>th</sup> to 21<sup>st</sup> September 2016 organised by Mr.U.I.Shaikh, Mrs.N.A.Mandhare & Mrs.S.V.Patil



Visit to Forbes Marshall

- Visit to **M/s. Baker Gauges (I) Pvt. Ltd. Pune** on 16<sup>st</sup> September 2016 coordinated by Mr. D.A.Wagholikar. Total 205 (TE Mech.) students were benefited from this visit



Visit to M/s. Baker Gauges (I) Pvt. Ltd. Pune



Visit to M/s. Baker Gauges (I) Pvt. Ltd. Pune

- Visit to ARAI for **B.E & M.E Mechanical students** on 2<sup>nd</sup> October 2016 organized by Dr. P.J.Awasare & Mrs.V.Y.Bhalerao. with 100 beneficiary students.



Visit to ARAI

- Visit to **Autocluster ,Chinchwad for the students of B.E students** on 20<sup>th</sup> - 21<sup>st</sup> September 2016 for subject CAD/CAM and Automation-Rapid Prototyping organized by Mrs.V.Y.Bhalerao, Mr.S.B.Matekar & Mr.S.R.Wankhede. Total 150 students took the benefit of visit.



Visit to Autocluster

- Visit to **Balgandharva Rangmandir**, of BE Students on Wed, 28<sup>th</sup> September 2016. for subject Refrigeration & Air conditioning organized by Mr. Gaffar Momin , Mr. N.V.Gaikwad with 150 participating students.



Visit to Balgandharv Rangmandir

- Visit to **V. R. Coatings Pvt. Ltd Bhosari** of TE Students on 20<sup>th</sup>-23<sup>rd</sup> September 2016 for the subject Hydraulics & Pneumatics organized by N. J. Surawade & P.J. Anjankar, V.K. Aher.



Visit to V. R. Coatings Pvt. Ltd Bhosari

- Visit to **Lear Automotive Pvt.Ltd.,Chakan Plant** organised on 1<sup>st</sup> October 2016 by Prof.Sushil Shende for MBA students.



Visit to Lear Automotive Pvt.Ltd.,Chakan

## Career Development Initiatives

**Focus: Guidance and training to students to enable deserving students to get competitive placement**

### Initiatives towards Training and Placement

#### Aptitude and Soft Skills Training Program



**Duration:** 80 Hrs

**Beneficiaries:** 823 S.E students of all departments

**Overall Coordinator:** Mrs. Anjali Shrivastav, CPDC Cell Incharge

- Mock Interview for BE E & Tc students on 9<sup>th</sup> July 2016 by alumni from reputed companies such as KPIT , TCL, TCS, L&T, coordinated by Prof. S. L. Tade, Mrs. Swati Jagtap and Mrs. M.S. Chinchkar.



Mock Interview

- Crash course for the students appearing for Capgemini drive on "Basics of Programming and communication skills" was arranged by Mrs. Swati Jagtap on 31<sup>st</sup> August 2016. Mrs. Anjali Shrivastav, Mr Anand Birajdar and Mr. Shrikant. Kokate were the resource speakers.



Basics of Programming and communication skills

### Alumni Interaction

- Guest lecture on "Software Testing" conducted by Mr. Vaibhav Jadhav, Sr. Quality Analyst in Hitachi Solutions (IT Alumni 2006 Batch) on 23<sup>rd</sup> July 2016 for BEIT (14) students organized by Mrs. Jaya Dewan.
- One day Mock Technical and HR Interviews / Recruitment Session was conducted by Mr. Rajat Gupta, Mr. Suyed Dalvi, Mr. Aakash Shetty & Himanshi Raina (IT Alumni 2014-15 Batch) on Saturday, 09<sup>th</sup> July 2016.



Guest lecture on “Software Testing”



Mock Technical Interviews

### Outcomes

Total 282 students have been placed in Academic Year 2016-2017 Semester-1

Department	No. of students placed
Mechanical	30
E & TC	89
Computer	108
IT	37

### Major Recruiters

KPITTechnologies	154	Amazon	19	EVOSYS	2
Capgemini	37	TechMahindra	33	B.B.Infotech	4
L&T Infotech	6	Xoriant	10	Bombardier TransportationIndia Pvt. Ltd.	5
Webonise Lab	33	DPLM	6	Infostretch	2

### Focus: Promoting and guiding students for Higher Studies

#### Initiatives

##### Session on GRE and CAT



**Resource Person:** Mr. Anvesh, IMS academy.

**Beneficiary:** S.E. and T.E. Comp. students

**Date:** 29<sup>th</sup> June 2016

##### Awareness Session on GATE



**Resource Person:** Mr. Manu, I .C.E.

**Date:** 8<sup>th</sup> September 2016

## Session on "Education Abroad" for Computer Engineering students

**Resource Person:** Mr. Prashant Nayyar, Imperial Overseas Education Consultants, Mumbai.

**Date:** 2<sup>nd</sup> September 2016



- **Seminar on "Guidance and awareness about GATE"** was conducted by Mr. Harsh Khunte from I.C.E. Institute for S.E and T.E.I.T students on 12<sup>th</sup> September 2016. Total 84 students were benefitted.
- **Seminar on "Guidance for taking education abroad"** was conducted by Mr. Prashant Nayyar from Imperial Overseas Education Consultant for T.E and B.E.I.T students on 2<sup>nd</sup> September 2016.
- **Seminar on "Awareness about GRE/CAT Exams"** was conducted by Mr. Anvesh Joshi from IMS Academy for S.E, T.E and B.E.I.T students on 28<sup>th</sup> - 29<sup>th</sup> June 2016. Total 53 students were benefitted.
- **On campus GATE examination training** by Imperial Institute of Excellence(i2e) with 71 students currently undergoing GATE 2017 training.
- **Session on "Overseas Education Opportunities"** on 30<sup>th</sup> August 2016 by Ms. Polina for Computer Engg students.

### Outcomes

- Twenty one students have successfully cleared GRE/TOEFL Examination
- Nine students have qualified for CAT 2016 Examination
- Five alumni of PCCoE 2015-16 batch are pursuing higher education in various universities of repute like Western Sydney University, BINGHAMTON, New York, University of North Carolina at Charlotte, etc.

Students qualifying in GRE/TOEFL			
Sr.no	Name	Score	Branch
1	Kedar Bartake	333	Comp
2	Tanmay Panat	311	Comp
3	Mrunal Ghanwat	306	Comp
4	Aiswarya Sureban	302	Comp
5	Tanvi Vidhate	300	Comp
6	Kshitij Malhara	323	Comp
7	Suvarna	306	Comp
8	Burhan Sadiwala	319	Comp
9	Akshya Ramaswami	312	Comp
10	Kedar Bartake	112	Comp
11	Tanmay Panat	113	Comp
12	Mrunal Ghanwat	100	Comp
13	Suvarna	103	Comp
14	Burhan Sadiwala	109	Comp
15	Uday Chhajed	286	ENTC
16	Akshay	308	ENTC
17	Atharva Ghatge	318	Mech
18	Prasad Bankar	318	Mech
19	Rutuj Mutha	312	Mech
20	Parag Deshmukh	316	Mech
21	Abhinav G	96	IT

Students qualifying in GATE 2016			
Sr.no	Name	Score(Percentile)	Branch
1	Nikhil Dumane	42.1	ENTC
2	Pariksheet Dorlikar	78	ENTC
3	Kabeer Sukhani	79.53	ENTC
4	Rucha Phalak	48	ENTC
5	Pooja Lakade	40	ENTC
6	Phalguni Purandare	30	ENTC
7	Chirag Tamore	95.72	Mech
8	Akshay Parashar	96	Mech
9	Yash Chavan	82	Mech

## Overall Student Development Initiatives

**Focus: Enhancing Communication Skills and Personality Development of students**

### Session on Importance of Image and First Impression

- Resource Speaker: Mrs. Vanashree Shembekar, VMetamorph Image Consulting
- Beneficiaries: PCCoE Girls hostel students and ladies faculty
- Coordinator: Mrs. Anjali Shrivastav, Mrs. Archana Lalge



### Session on “Facing The Service Selection Board Interviews for Armed Forces”

- Resource Person: Col. Ranjit Kr Sinha, Ex-Interviewing Officer 19 SSB, Allahabad
- Beneficiaries: 62 T.E and B.E students of Mechanical and Civil Engg.
- Coordinator: Mr. Vilash Shingare, Mechanical Dept.

### English funfest

- Focus To spark an interest in English and encourage communication in English
- Date 26<sup>th</sup> July 2016
- Resource Person: Mr. Avnesh, IMS Academy
- Beneficiaries: S.E. and T.E students of Computer Engg. Department
- Coordinator: Mrs. Deepa Abin, Computer Engg. Department

### Guest Lecture on “Important of Soft Skills And Personality Development”

- Resource Person: Mr. Sagar Sonker
- Beneficiaries: I.T Department (UG and PG) students
- Date: 1<sup>st</sup> September 2016
- Coordinator: Mrs. Rohini Pise, I.T Dept.



### Session on Written Communication skills

- Resource Person: Mrs. Deepa Abin, Computer department
- Beneficiaries: SE, TE and B.E computer Engg students

### Session on tips and tricks for effectively facing job interviews

- Resource Person: Mr. Kaushal Raut
- Beneficiaries: B.E computer Engg students from Marathi and Semi English medium schools
- **“Softskill training and sessions on enhancing programming skills”** for M.E. Computer students coordinated by Dr. Sonali Patil.
- **Session on Goal Planning and Control** was conducted for MBA-first year students on 13<sup>th</sup> August 2016 by Mr. Ritesh Phalke . The Students learnt how to set goals in personal and professional life.
- **Group discussion on Women Safety in today's Times** was conducted for MBA-first year students on 9<sup>th</sup> September 2016 by Mr. Sushil Shende where students learnt what precaution needs to be taken to ensure safety.
- **Team Building** Activity for MBA second year students, was organized on 24<sup>th</sup> September by Dr Anuja Johri with an objective of inculcating the spirit of team working amongst students and make them understand behavior required for team working.
- **Soft Skills Training** by Mrs. Radhi Nair was conducted for MBA second year students to improve communication, confidence and Presentation skills with the help of role plays. The faculty coordinator was Shilpa Kundle.
- **Guest lecture on “Campus to Corporate”** by Mrs. Shilpa Dhavale ( Vice President, operations, KPIT ) for MBA I and MBA II.
- **Guest Lecture on “Performance Management”** by Mr.Rahul Bagale-Sr.Manager-HR-Lear Automotive India Pvt.Ltd was conducted on 10<sup>th</sup> September. 2016 for MBA students, coordinated by Prof.Sushil Shende.
- **Team Building Games activity** by Mrs. Shilpa Dhavale, Associate Vice President KPIT, Pune for FYMCA Students on 19<sup>th</sup> September. 2016.
- **Career Readiness Program for FYMCA students** on 27<sup>th</sup> August and 29<sup>th</sup> August 2016 under Student Development Cell.
- **Guest lecture on “Techniques of Concentration”** on 29<sup>th</sup> January. 2016 by Dr. Rajeev Ajit Nagarkar, Counsellor and Founder of MANACHI VYAYAMSHALA Clinic. Mr. S. S. Aghav coordinated this event under Student Counselling Cell.
- **Soft Skill Lab Activity** under CPDC Cell to enhance communication skill of MCA students on 27<sup>th</sup> July 2016. Mr. Sopan Aghav, Mrs. Dipali Railkar and Mrs. Suchita Borkar coordinated the activity.
- **Soft Skill – Presentations** to enhance presentation skills of students on 08<sup>th</sup> September 2016. Mr. Sopan Aghav coordinated the presentations.



- **YES!+** organized by F.E department during 3<sup>rd</sup> - 7<sup>th</sup> August 2016, wherein all F.E students had participated. YES!+ graduates have been found to excel in their academics, extra-curricular and social responsibilities. Mr. Rahul Choudhary and Dr. Leena Sharma coordinated the event.
- **Aptitude Hunt** organized by F.E department on 24<sup>th</sup> September, 2016 & 8<sup>th</sup> October 2016 to identify students having Analytical and logical ability, Quick thinking ability, Intelligence, Curiosity and Systematic approach. Around 213 Students actively participated in the event. Mrs. Minakshi Panchal & Mr. Arif Bagwan coordinated the event.
- **Poster competition** organized by Technoscience club of F.E Student on 28<sup>th</sup> September, 2016 to create awareness among students regarding the recent developments in areas like Alternative Fuels, Make in India, Internet Security, Hybrid cars, Nano Technology for mankind, E-waste. Mrs. P. A. Jog, Mr. P. Sonawane and Dr. P. P. Joshi coordinated the event.



Poster competition



Poster competition



Guest lecture

- **Guest lecture on "Success Programming"** by Mrs. Meera Natrajan, Director of "My Growth Zone" was organised for F.E students from 10<sup>th</sup> - 12<sup>th</sup> October 2016 with an objective to motivate the students through positive thinking and time management so that they can develop their skill sets. Mr. S.B.Gorade and Mrs. S.Parmar coordinated the event.
- **A training session on "Yoga and Pranayam"** was arranged by F.E Department for the teaching and non-teaching staff on 21<sup>st</sup> October 2016. Mrs. Sushma Kamble, senior yoga trainer and Professor, Yog Vidhya Dham, Pune was the resource person. The session was coordinated by Mr. R.T.Jagtap.



Team Building Games



Career Readiness Program



Soft Skill Lab Activity



Soft Skill - Presentations



Poster Presentation Competition

## Focus: Professional development of students

### Foreign Language Training to students

- German Language training (A1 level) of 100 Hours duration for Mechanical Department (I and II Shift) started in August 2016 with 22 registered students.
- German Language training (A1 level) of 100 Hours duration for Computer and I.T Department started in September 2016 with 20 registered students.

### Visit to German Educational Exhibition 'Germany - Land of Inventors'

**Organizers and participants are subpoints under Visit to:** Goethe Institute Max Mueller Bhavan Pune on 13<sup>th</sup> September 2016

**Participants:** 16 Students of PCCoE with German Language trainer, Mrs. Pooja Potdar

- **Online inauguration of website** [https://campuscommune.tcs.com/intro/view\\_blog/tcs-inaugurates-japan-centric-delivery-center-in-p](https://campuscommune.tcs.com/intro/view_blog/tcs-inaugurates-japan-centric-delivery-center-in-p) for teacher student interaction to improve Japanese Language learning skills, under TCS Hikari programme in presence of Japanese students.
- **Orientation Program on “German Language-Awareness & Opportunities”** by Ms Kashmira Bafna - Counselor-Goethe-Institute Max Mueller Bhavan was organised on 28<sup>th</sup> September 2016 by Prof.Sushil Shende for MBA Students
- **Industry Expert Talks** delivered by Mrs. Shilpa Dhavale, Associate Vice President KPIT, Pune for MCA students on IT topics like “BI Future and Challenges” and “Project Management Framework”.

## Focus: Enhancing Artistic skills of students

- Theatre workshop for newly joined students by Akash Pradeep Thite (PCCOE Alumni and Ex Cultural Secretary) arranged by Art circle cell
- Performance on Independence day with theme 'Vidhyarthayno Jagrut Vha'
- Act play 'Aashecha Chandra' in “Purushottam Karandak 2016” with theme “where there is a will there is surely a way”
- Street Play on World Pedestrian Day based on Road Safety and demonstration of Traffic Rules at the Bhakti Shakti Chowk.
- Competition by Cultural club of F.E department was organized on 15<sup>th</sup> August 2016, where in students showcased their talents in their fields of interest like dance, drama, music, spoken skills, etc. Interested students from all the divisions actively participated in the event. The event was coordinated by Mrs. Ritika Hirwane and Mrs. Nishi Gupta.

## Focus: Enhancing managerial, organizational and leadership

We have student Chapter and Students' association for all departments where activities are arranged by the students and for the students to motivate them for extra-curricular activities and promote their interest towards working for student community addressing student's need and in turn helping them to improve their own managerial, organizational and leadership skills.

## Activities under Student's Association and Student Chapter:

**Anantya 2016** was organized by Department of Computer Engineering on 22<sup>nd</sup> September 2016 which comprised of total seven events including Codewars, Logic Hunt, Webbing, Quiz, Poster Presentation, Doodle Making and Project Exhibition. Mr. Santosh Mugalikar, CEO of Creospan Solutions Pvt. Ltd. along with Dr. A.M. Fulambarkar were the Chief Guests for the event.



Poster Presentation Competition

**ITech-Octopia** was organized in I.T department on 29<sup>th</sup> to 30<sup>th</sup> September 2016 in association with PCCoE ACM Student Chapter under the guidance of Dr. Sudeep Thepade (HoD IT) and ITSA Faculty Event Coordinators (Ms. Bhakti Ratnaparkhi, Ms. Swati Jadhav) to give students a platform to present themselves and extended their thinking capacity to bring useful and innovative ideas. Around 578 students participated in the event.

### Highlights of ITech-Octopia



Circuit-O-Mania



Poster Competition  
on Routing Protocols



Web-O-Mania on theme  
Digital India



Data Mining using Weka



Smart City (Poster competition)



Automata



DB-O-Mania



Model making competition

**Innovia-2016** was organized on 7<sup>th</sup> September 2016 with the objective of inculcating research aptitude among students and improve their communication skills and team work. Dr. Vijay Patil, Dr. Kishor Kinge, Mr. Laxman Awadhani judged the competition. Total 62 students participated in the event.



**Poster Presentation Competition** on theme “Computer Networks and Information Security” was organized on 24<sup>th</sup> September 2016 for Inter-institute MCA students. Mrs. Dipali Railkar and Mr. Prakash Ukhalkar coordinated the competition.

**Brainwaves 2016:** English Communication Vocabulary Competition” was arranged by MCASA on 14<sup>th</sup> and 17<sup>th</sup> October 2016 for MCA and MBA students, coordinated by Mrs. Dipali Railkar.



Poster Presentation Competition



Brainwaves 2016

**MCA Induction Program - 2016** was arranged on 26<sup>th</sup> August 2016. The event was inaugurated by Principal Dr. A. M. Fulambarkar. Guest speaker, Mr. Tanmoy Adak, Delivery Manager, BitWise Solutions, Pune and Head of the Department Prof. Anjana R. Arakerimath. The event was coordinated by Mr. Prakash Ukhalkar.



Induction Program - 2016



Guest – Mr. Tanmoy Adak

**FE Induction Program** was organized on 2<sup>nd</sup> August 2016, at Ankushrao Landge Auditorium, Bhosari coordinated by Mrs. Anshumati Amte and Mrs. Renuka Purohit.



FE Induction Program



FE Induction Programme

**Aptitude Cracker Event** for S.E, T. E. and B. E. civil students was arranged on 20<sup>th</sup> September 2016 by Civil Engineering Student Association (CiESA). Total 150 students participated in the event.



Aptitude Cracker Event

**PRELUDE 2016** MBA Induction Program was arranged on 23<sup>rd</sup> & 24<sup>th</sup> August 2016. Mr. Vijay Tarak-MD-Nihva Technologies Pvt. grace the event. The program included session on "Life Lessons " by Mr. Prashant Puppal-MD-Enviro Bulk Handling System, Interactive session



Model making competition

**INNOVIA-Phase-1** department level round was held on 10<sup>th</sup> of September 2016 in Mechanical Engineering Department. Eight groups of students from SE/TE and BE participated and Five teams were selected to participate in round-II of INNOVIA. Mr. U I Shaikh, Mr. S K Bhoite and Mr. L V Awadhani judged the competition.

**MCASA Reformation Ceremony** was organized on 17<sup>th</sup> October 2016 for the year 2016-2017. HOD Prof. Anjana R. Arakerimath congratulated Faculty Incharge Mrs. Dipali Railkar, MCASA Student Representatives Ms. Merlin Mathew (President), Mr. Pratik Naik (Vice President) and Ms. Pooja Deshpande (Treasurer).

### Glimpses of various other activities under Student's Association



CESA Induction Ceremony on 11<sup>th</sup> July 2016.



ETSA Inauguration Ceremony on 19<sup>th</sup> July 2016.



Teacher's day celebration by Student's Association



Teacher's day celebration by Student's Association of all departments



Guru Pournima celebration by Student's Association of all departments



Group Discussion on 27<sup>th</sup> August 2016 for MBA first year students



MBA Student's Interaction with counselor Dr. Rajeev Nagarkar on 31<sup>st</sup> August 2016



MCASA Reformation Ceremony on 17<sup>th</sup> October, 2016

## Focus: Physical fitness of students through training & Sports Activities

### Initiatives by Sports Cell

- **International Yoga Day celebration** on 21<sup>st</sup> June 2016 with 125 participating students.
- **Organized Inter Collegiate Table Tennis men & women competition with** 36 participating teams from different colleges of Pune district.

F.E Department also took initiative for ensuring physical fitness of F.E students and arranged Sports and Games (Chess, Carom, Table Tennis and Rubik Cube) on 13<sup>th</sup> August 2016 under Student Development Cell. Event was coordinated by Mrs. Renuka Purohit, Mr. J. D. Ganeshkar and Mr. Santosh Pacharane.



Inauguration of Initiatives



F.E HOD During The Event

### Achievements in Sports

- Dhole Prajwali (FE) won Inter Collegiate Tennis Competition held at Dr. D. Y. Patil School of Engineering, Lohegaon.
- PCCoE secured 1<sup>st</sup> position in Inter Collegiate Chess Competition & got general championship award organized at Shri Ramchandra College of Engineering, Lonikand.
- PCCoE secured 2<sup>nd</sup> position in Table Tennis boy team in Inter Collegiate Table Tennis Competition organized by PCCoE.
- PCCoE Boys and Girls team secured 2<sup>nd</sup> place in Inter Collegiate Badminton Competition. held at S.M. Joshi college, Hadapsar.

### Outcomes

#### Student Achievements

- Chetan Pardeshi of I.T Department has been awarded a grant of US \$1000 for his project titled "Safer India Safer Roads". The grant was a part of an international competition organized by Youth Service America from Washington DC, UG India, a safety science company and TRAX, a road safety NGO.
- Chetan Pardeshi of I.T Department has been awarded a grant of US \$1000 for his project titled "Safer India Safer Roads". The grant was a part of an international competition organized by Youth Service America from Washington DC, UG India, a safety science company and TRAX, a road safety NGO.
- Kabir Sukhani, student of B.E E & Tc was selected for National Level inter college debate competition " Speak for India – Maharashtra Edition 2016".
- Mr. Amol Suryavanshi (I.T) secured 9th Rank in SPPU among all university students in T.E Information Technology Branch.
- Vaishnavi Borkar, Rohini Mohite, Rutuja Chavan, Prajakta Gund and Devaki Wale of S.E E & TC received scholarship of Rs. 50,000 from Lila Poonawala Foundation

- Madhura Jadhav and Vrushali Patil of T.E E & Tc received Cummins scholarship of approx. Rs. 50,000.
- Madhura Jadhav of T.E E & Tc received scholarship of Rs. 15,000 from UWAP (University Women's Association Pune)
- Total 5 student groups from Computer dept participated in IEEE Technology Dissemination Contest for Students (TDCS-2016) and delivered sessions on topic like "Smart City", "IoT", "Technologies to save Mother Earth" by using teaching tools like Posters, Models, Presentations, Videos etc.



### IEEE Technology Dissemination Contest

- Prachi Tekawade [TE Comp] won First Prize at ACM-W Lady Ada National Level Contest held at Deharadun.
- Parveen Shaikh, Tanvi Vidhate, Sneha Desai [B.E Comp] got their topic " To collaborate the willing sports candidates with corresponding people who could help them " shortlisted in top 25 from all over the India in ACM- W Hackthon (First National Level Hackthon for Women).
- Shivani Junawane (score: 95%),Shubham Farande(score 89%),Saransh Dave(score 94%) from Computer Department completed"NPTELs-Programming in C++" certification. They are under 48 toppers from all over India and eligible for "Elite and Gold Certification" from NPTEL.
- "An Artist of a Kind " is a short film that released on 25<sup>th</sup> October 2016 on account of International Artist's day and written by Ms. Atmaja Sahasrabuddhe.
- The Students of M.E. Computer Engineering got internship in industries and research organizations like DRDO, CDAC, Persistent, Coresoft Launchur, Creospan etc.
- Ninad Kshirsagar; Simita Nirpal from MBA Dept. cleared National Institute of Securities Market (NISM) -NISM Investment Adviser Module
- Ninad Kshirsagar; Simita Nirpal; Ashlesha Taras; Adarsh Naik; Sankita Thorve from MBA Dept. cleared National Institute of Securities Market (NISM) - NISM Equity Derivate Module



MCA Students Participate



Winner- Ms Pramila Lakade



Skit Competition

# SOCIAL COMMITMENT

- PCCoE strives to create awareness among students about codes of professional practice, social commitment and life-long learning.

## Initiatives

### Initiatives to inculcate sense of social concern among students

- **Save Water Skit** : Street Play Act by MCA students on 26<sup>th</sup> January 2016 at PCCoE coordinated by Mrs. Dipali Railkar.
- Tree Plantation at Water Treatment Plant, Nigdi on 25<sup>th</sup> June 2016 coordinated by Prof. P. P. Mane



MBA Student's Interaction with counselor Dr. Rajeev Nagarkar on 31<sup>st</sup> August, 2016



MCASA Reformation Ceremony on 17<sup>th</sup> October, 2016

- **Tree Plantation Event at Chimbli Phata, Chakan** on 1<sup>st</sup> July 2016 coordinated by Prof. P. P. Mane



- Food Donation to Palakhi Warakari on 28<sup>th</sup> June 2016 coordinated by Prof. P. P. Mane



- Guest lecture on Parking Survey for Pune Municipal Corporation on 23 June 2016 coordinated by Prof. P. P. Mane
- Parking Survey Onsite Parking survey by Civil Engg students for Pune Municipal Corporation on 1<sup>st</sup>-2<sup>nd</sup> July 2016.



**Three months English curriculum teaching** to around 180 secondary students (Std.V to Std.VII) of Kanhephata Zillah Parishad Prathamik Shala, Kanhephata from 13<sup>th</sup> August to 8<sup>th</sup> October. 2016 on weekly basis coordinated by student coordinator Mruganayana Thorat under the guidance of Mrs. Anjali Shrivastav.



- Designing solar lamps for unprivileged school students of Kanhe phata Zilha Parishad Prathamik Shala, Kanhephata by E&TC dept. coordinated by Mr. A.R Suryawanshi and Mrs. A.M.Ekbote.
- Demonstration on how to use desktop computers to rural area children from Std.5 to Std.7 was conducted between 13<sup>th</sup> August 2016 to 8<sup>th</sup> October 2016 at Kanhe phata Zilha Parishad Prathamik Shala, Kanhephata. Around 180 school children got benefitted from activity.
- Activity based Lecture for fourth standard students was delivered by Mrs Swati Jagtap at City pride school , Nigdi, Pune on 6<sup>th</sup> September 2016



- Training of Continuous Counter Trenches (CCT) and Tree Plantation was conducted at Ayappa Temple Hill, Dehu for students of Mechanical Department on 11<sup>th</sup> September 2016 Total 25 students participated in this activity.



Introduction to CCT and regular activities



Tree plantation

- I.T Department has signed MOU with Quick Heal Foundation for spreading awareness about cyber security in society.

## Glimpses of other activities of Social Concern



Visit to Child Orphanage Aniket Niketan by E & Tc Department on 31<sup>st</sup> December 2016



Natyaprashikshan- an act to introduce the students to arts by E & Tc dept.



"Rally on Road Safety" on 28<sup>th</sup> September 2016

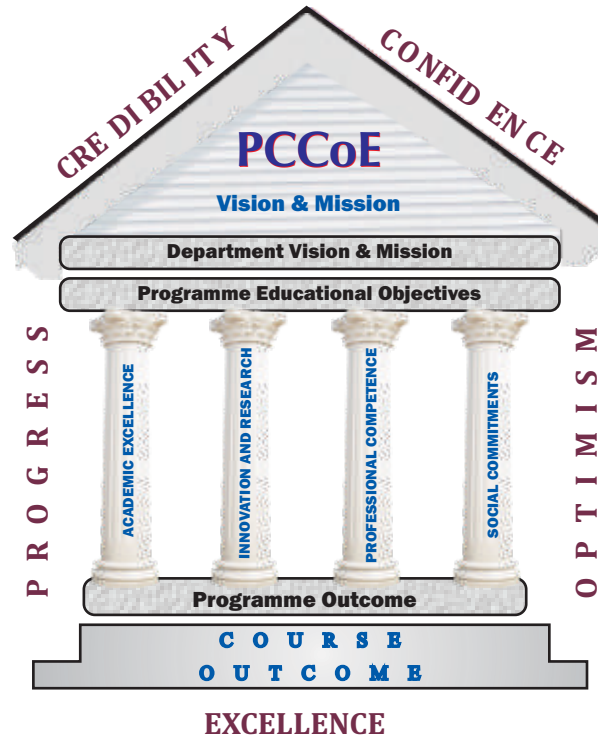


Nirmalya Collection in coordination with PCMC on 15<sup>th</sup> September 2016.



# Our Belief

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



## NEWSWIRE TEAM

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Report Compilation	:	Mrs. Anjali Shrivastav
Supported by	:	Mrs. Pooja Kate, Mrs. Harshada Mhaske, Mrs. Tanuja Sali, Mrs. Shilpa Kundle, Mrs. M. S. Bhandarkar, Mrs. Kanchan Dhapekar, Mrs. Shweta Patil, Mr. Shrikant Kokate
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Pimpri Chinchwad Education Trust's

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