

Pravara Rural Education Society's  
**Pravara Rural Engineering College,**  
**Department of Civil Engineering**

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***Civil Engineering Newsletter (Jan-June 2016)***

**Departmental Activities**

Academic activities are supported by research and consultancy. Students are provided value addition courses on various topics by faculty and from experts from various organizations. Expert lectures, seminar/ workshop, field visits are carried out.

***Presentations & publication by faculty***

Faculty members presenting technical papers at National/state level conference/ seminar / workshop

1. Prof V.R Rathi published technical paper on "Properties of High Strength Concrete Incorporating Colloidal nano-SiO<sub>2</sub>" International Journal of Innovative Research in Science and Engineering.ISSN- 2454-9665 on Jan-2016
2. Prof R.P Amale published technical paper on ASCACDCF , pp 38-43 IJRSE , Vol.2, Issue03, March2016
3. Prof. V. M. Natraj published technical paper on Aquifer characteristics aiding GW in PLBCC, UJERT, March 2016.
4. Prof A.B Aher and V.M.Nataraj presented and published a technical paper on "Effect of sugarcane Bagasse ash on workability of concrete and validation of compressive strength by using ANN " an International conference at Shri Ramchandra college of Engineering,Pune on 29<sup>th</sup> & 30<sup>th</sup> sep 2016.
5. Prof. R. K. Lamkhade published a paper on "Adsorption Studies Of Chromium (Vi) On Activated Carbon Derived From Casurina Fruit" International Journal of Innovative Research in Science and

Engineering.ISSN- 2454-9665 March - 2016

6. Prof. L. K. Lahamge "Experimental Investigation on Properties of Recycled Aggregates, Bagasse Ash and Steel Fibre on Properties of Concrete." International Journal of Research in Engineering and Technology. ISSN:2319-1193, April-2016
7. Prof. Zamare K.N presented a technical paper on "A vision for sustainable construction techniques- Ventilation and lighting" at International Conference at College of Engineering and Technology, Akola on 23<sup>rd</sup> & 24<sup>th</sup> Sept 2016.
8. Prof. Jamdade P.K presented a technical paper on "Effect on Flexural strength of fly ash based geopolymer concrete by using oven heat curing, at International Conference at College of Engineering and Technology, Akola on 23<sup>rd</sup> & 24<sup>th</sup> Sept 2016.
9. Prof. Miss. G. R. Darandale "Batch Adsorption Studies on Removal of Cr(VI) From Aqueous Solution by Using Pongamia Pinnata Seed Shell as Adsorbent." International Journal Of Innovative Research In Science, Engineering And Technology. ISSN : 2319-8753 June-2016
10. Prof Gholap V.D, Prof.Lahamge L.K attended a STTP on "Geotechnical Aspects of Foundation Engineering" at SVNIT, Surat on 17<sup>th</sup> to 21<sup>st</sup> October 2016

***Presentations, publication & Participations by students***

1. Shubham Jondhale and Deepak Kumar of TE presented technical paper on "Vermiculture Biotechnology " at the 5<sup>th</sup> National Techfest Connoisseur 2k16 organized by Department of IT

- Amrutvahini college of engineering Sangamner on 8<sup>th</sup> & 9<sup>th</sup> Sept 2016.
2. Tushar Loya, Yatin Tank, Pratik patil and Saurab tambe Participated in Box Cricket competition at the 5<sup>th</sup> National Techfest Connoisseur 2k16 organized by Department of IT Amrutvahini college of engineering Sangamner on 8<sup>th</sup> & 9<sup>th</sup> Sept 2016.

### ***Departmental Activities***

On the occasion of Guru Purnima students have celebrated Teachers day by felicitating the department staff. On these occasion Box cricket competition was arranged for all department staff members and the mechanical department team got the honor to win the championship trophy.



### **Address by Prof V.M Natraj on Teachers Day Celebration.**

Civil Engineering Students Association (CESA) for the over all welfare of students and which focuses on the need for involvement of youth in the different extra curricular activities, have celebrated Engineers day and gave speech on the contribution of Sir Mokshgundum Vishweshwarya as a first civil Engineer of India. arranged the drawing of posters competition on various topics for students.



### **Address by Vice Principal Dr. K.B.Ladhane on Engineers Day celebration**

### ***Expert Lecture series***

Expert lecture series is an attempt to bring to the staff and students the developmental trends in the field of engineering and technology. Through this activity students get chance to interact with field professionals quite frequently. A inhouse Expert lecture of Prof Lamkhade R.K was arranged for the FE students on “Ecology and Solid waste Management” The following lectures were also arranged,

1. **Construction Practices On Field**
2. **Quantitative Aptitude**
3. **Communication Skills**
4. **General Trends And Approaches In Civil Engineering**
5. **Road Construction Techniques**
6. **Personality Development For Successful Career**
7. **Software's in Civil Engineering**
8. **Structural Analysis**



### ***Value addition courses***

During the first part of the academic year 2016-17, the following software courses were undertaken for staff and students,

1. SPOKEN TUTORIAL COURSE on
  - i) Latex
  - ii) Q-CAD
 conducted by IIT, Bombay.

### ***Consultancy undertaken***

The revenue generated through consultancy for the period January 2016-July 2016 is Rs.5,52,340/-. This is apart from the consultancy & Testing work of assessing Structural design.

### ***Students Performance***

#### **Academic**

The students have performed exceedingly well in the university examination

<b>May/June 2016</b>	<b>(BE)</b>
1 Mr.Ghogare Hrushikesh	76.93%
2 Mr.Urhe sachin	75.93%
3 Mis Gurule Pooja	74.40%

<b>May/June 2016</b>	<b>(TE)</b>
1 MrBora Ashwin	80.93 %
2.Mr.Chordiya Ankit	80.67 %
3 Mr.Gaikar Mayur	74.33%

<b>May/June 2016</b>	<b>(SE)</b>
1 MrPatil Ravikiran	77.47 %
2.Mr.Pabale Ganesh	73.40 %
3 Mr.Nehe Amol	72.20 %

### ***Co & Extra curricular***

Students by their overall talent won most of the events during the annual sport meet. Main team events won are cricket, volleyball; basketball Following is the number of students selected to represent the college team; Football 01, .cricket 15, Basketball 05.

### ***Students Placement***

On & Ofcampus interviews by some major construction companies.

- 1 HarmanFinochem ltd,Aurangabad
- 2 Gurudatta Infrastructures,Nashik
- 3 MaxvalTechnologies,pvt.ltd.Mumbai
- 4 Jagtap Construction Company,Kolhar
- 5 Daruwala and Associates, Rahuri
- 6 Ashoka Buildcon,Nashik

### ***The following students are selected during the campus interview.***

Vinod Sindalkar	HarmanFinochem ltd
Sachin Urhe	HarmanFinochem ltd
Vishal Pavbake	JCC,Kolhar
Shubham Waditke	JCC,Kolhar
Jalindar Galande	Daruwala and Associates
Ramesh Tordulvar	GurudattaInfrastructures

### ***Dignitaries Visiting Department***

1. Mr.Arun V.Kharde,Engineers,Builders &Promoters,Pune
2. Mrs Rajvinder Randhawa,Operations manager,Maxval Tech pvt,ltd,Mumbai
3. Jacob Indigari,Mitcon,Pune
4. Mr.AmolKadu,ToyoEngineering,India, Pvt Ltd,Mumbai
5. Mr. Bhupendra Singh Rathore,Coach Personality development
6. Mrs.MandaS.Dhanave,CADDCenter Head,Ahmednagar
7. Prof Dr.N.U Mate AVCOE,Sangamner
8. Mr.SanjayS.Shinde,GenSecretary,Maharashtra Engineers Assosiation

### ***Undergraduate Project works***

	<b>Topic</b>	<b>Guide</b>	
1	C-Tech Technology Sewage Treatment Plant	Prof.R.K.Lamkhade	
2	Use of Copper slag, fly ash and Lime in Concrete	Prof.V.R.Rathi	
3	Study of effect of accelerated curing, Elevated temperature and humidity on properties of concrete	Prof.V.R.Rathi	
4	Experimental Study on Effect of Various Types of Admixtures on Properties of Concrete	Prof.V.R.Rathi Mrs. Jamdhade .P.K	
5	Low cost W.C Unit by using bamboo reinforcement	Prof.Y.N.Dhamak	

6	Causes of Landslides Various Case studies	Dr.S.D.Doke
7	Study of Geological formation and underground water movement in and around Loni	Dr.S.D.Doke
8	Replacement of coarse aggregate by waste glass chips	Prof.Kapase .N.A
9	Adsorption studies on removal of impurities from wastewater by prepared activated carbon	Prof,R.P.Amale
10	Use of Plastic Fly ash bricks instead of clay bricks	Prof.V.M.Natraj
11	Ultra-Disto - Using ultrasonic sensor to develop apparatus for measurement linear distance	Prof.A.B.Aher
12	Use of Corrosion Inhibitors for Corrosion Control	Prof.V.M.Natraj

### ***CESA, The cultural wing***

CESA, organized successfully CADD Competition, Interfaculty Box Cricket matches on the occasion of teachers Day, Cricket match between faculty & students of the department was also conducted.

### ***Industrial and Educational visits***

Technical visits to site of Civil Engineering Importance conducted during second half of 2016-17 are

2016-17 Semester I

Sr No	Nature of site	Class	Date
1	Meri, Nashik	T.E.Civil	13/09/2016
2	Shirdi Airport	B.E.Civil	19/09/2016
3	Waste water Treatment Plant Shirdi	B.E.Civil	19/09/2016
4	Bridge over Darna River	B.E.Civil	21/09/2016
5	Concrete Block Manufacturing Plant, Sinnar	B.E.Civil	21/09/2016
6	Hot Mix plant, Sinnar	B.E.Civil	21/09/2016
7	Visit to Railway Station	T.E.Civil	23/09/2016
8	Visit to Mula Dam	T.E.Civil	3/09/2016

### ***Forthcoming events***

Sr No	Title	Date
1	Training on Autocad for SE students	Jan 2017
2	Training on MS Project for TE & BE Civil students	Jan (BE) & Feb (TE)
3	Training on Staad Pro for BE students	Jan 2017 (First week)
4	Expert lecture on competitive examination	Jan 2017
5	Expert lecture on Scientific Vastushastra for building planning	Jan 2017
6	Expert lecture on GIS	Jan 2017
7	Expert lecture on Lake tapping & strengthening of Koyana project	March first week
8	Farewell function for Final year students.	March 2017

