



Vidya Pratishthan's College of Engineering, Baramati-413 133



FOREWORD

It is our pleasure to publish before you our quarterly activities up to 31 March 2016. Our e-Newsletter mostly focuses on the activities in which our faculty members and students have shown their keen interest in the higher learning as well as research field.

During this period Department of Information Technology organized a National Level Workshop on Graph Theory and Its Applications during 4 and 5 March 2016. This was really a notable event as the Workshop proved a great success. Teachers and scholars in Information Technology field benefitted so much. Most of our faculty members visited different IIT campuses for Faculty Development Programmes and Short Term Training Programmes.

Department Level Workshops on Android Applications Development and Advanced Algorithms were also organized. During these Seminars and Workshops Experts from different IITs guided the students. These programmes helped the students to clarify their doubts in the subjects and some students got prizes in Seminars and Competitions conducted outside. Therefore, these kinds of events and active involvement in such programmes help the faculty members develop a value-added confidence and also motivates others to be part of such programmes.

Most of our Engineering and Architecture faculty members organized Industrial Visits and Study Tours for the students to develop professional insights among themselves. Some of our faculty members arranged guest lectures and workshops which proved so much useful for the students.

Foreword By

Dr. Nirmal Sahuji

**Head (Gen. Sci. and Engg.)
Chairperson of e-Newsletter**

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**EDITOR AND
DESIGNER**

ANIL PATIL



• **Department of Information Technology** organized a Two-Day National Workshop on *Graph Theory and Its Applications*. The speakers for the workshop were Dr. Abhiram Ranade, IIT Bombay, Dr. Aditya Abhyankar, DoT, SPPU, Himanshu Mishra, IIT Kharagpur and Amartya Hatua, LG Soft India. This workshop was organized during 4 to 5 March 2016. 50 teachers and students participated in this Workshop. It proved so much beneficial for teachers as well as students.



Dr. S.B. Deosarkar felicitated Dr. Abhiram Ranade



Prof. V.U. Deshmukh felicitated Dr. Aditya Abhyankar



Participants in the Workshop



Dr. S B Deosarkar and participants in the Workshop

• **Department of Computer Engineering** organized a Two-Day Workshop on *Android Apps Development* in association with AppsFluxus during 13 to 14 February 2016. The resource person for this workshop was Mr. Sanjeev Kumar from AppsFluxus. The main purpose of this workshop was to promote students for the National Championship on *Android Apps Development* organized by AppsFluxus in association with IIT Roorkee. As a result, total 5 students from this workshop got selected for the mentioned championship. This Workshop helped students learn to create basic things using Android. It was organized by Prof. Kshitija Upadhyay and Prof. Suraj Dhanawe and coordinated by Prof. Sushma Nandgaonkar.



Faculty Members and participants in the Workshop

Confidence and Hard-work
is the best medicine to kill
the disease called failure.
It will make you a
successful person





Dr. Nirmal Sahuji



Dr. Nirmal Sahuji organized a *Basic Solar Training Program* for First Year Students on 10 February 2016. The purpose behind organizing this Program was to enlighten the students about solar energy and its benefits. The experts Dr. Akash Sharma and Akash Solanki from kWatt Solutions (IIT Mumbai) guided the students. Total 130 students from all branches of the College participated in this Program.



Experts, Faculty Members and Students in the Program

• **Department of Computer Engineering** organized a One-Day Seminar on *Advanced Algorithms* in association with BCUD, Savitribai Phule Pune University on 12 March 2016. Algorithm design and analysis is a fundamental and important part of Computer Science. This course introduced researchers to advanced techniques for the design and analysis of algorithms and explored a variety of applications. It essentially helped researchers and teachers to broaden their boundaries of Algorithmic skills. Following talks were scheduled in this Seminar: Randomized Algorithm and Number Theory by Dr. Pushkar Joglekar, Neural N/W Algorithms in NLP by Mr. Harshad Saykhedkar and Threat Modeling by Mr. Santosh Kalegore.



Dr. S B Deosarkar, Experts and Participants in the Seminar

• **Department of Civil Engineering** organized *Tech-Fest STHAPATYA '16* during 10 to 11 March 2016. CESA organized various events during this Program such as Model Making, Poster Presentation, Debate, Quiz Competition and AUTO-CAD Workshop.



Dr. S B Deosarkar and Guests during the Inauguration of the Program



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• **Department of Computer Engineering** organized a One-Day Workshop on *Business Analytics and Intelligence* in association with Computer Society of India (CSI) on 23 March 2016. The Expert was Dr. Manasi Patwardhan, Dean, Research and Industry Relations, VIT, Pune. The sessions were conducted on the following topics: Introduction to Data Mining and Need of Data warehousing, Designing of Data Warehouse, Business Analytics and Intelligence and Hands-on-Practice on Data Mining.



Expert and Participants in the Workshop

• **Prof. Avinash Kolekar**



He organized a One-Day Seminar on *Biomass Gasification as Renewable Energy Source for I.C. Engine* on 12 March 2016. It was conducted for Second Year and Third Year students. Mr. Vikrant Bhalerao Sr. Manager, Cummins Research and Technology, India Pune interacted with students and he also discussed the topics which can be taken as projects for the students during their final year.

• **Department of Mechanical Engineering** organized a One-Day Workshop on *LATEX* on 10 March 2016 for Third Year and BE students. Students benefited from the hands-on-training on the software and practical issues discussed by Mr. Mahesh Gaikwad.



Students in the Workshop

• **Department of Civil Engineering** conducted a One-Day Workshop on 18 March 2016 on *Advanced Surveying using total Station* by Prof. Ashish Kale. He showed demonstration and hands-on-training to 78 Third Year students with respect to following contents: Practical based on various special functions available in a total station such as remote elevation measurements, remote distance measurements and coordinate stake out. This Workshop was coordinated by Prof. D G Patil and Prof. J C Bhong.



Prof. Ashish Kale during his Lecture

Students during the Survey

Knowledge.
"Information is not
knowledge. The only
source of knowledge is
experience."

- Albert Einstein



• **Prof. Anil Patil**

He presented his research paper entitled *Teaching Effective Listening and Active Vocabulary* in the Sixth National Conference on *English Language Teaching*. The Conference was conducted by ELTIS of Symbiosis in Pune during 5 and 6 February 2016. Eminent scholars such as Prof. S B Mujumdar, Prof. Dilip Padgaonkar and Dr. Pramod Talgeri addressed the Inaugural Function. These scholars strongly emphasized the significance of careful and active listening for effective communication in day-to-day life. Inaugural Program was followed by plenary discussion sessions and workshops by teachers and research scholars from various states of India. In his research paper Anil Patil emphasized the necessity to become an effective communicator. He also emphasized that if we cannot become a good listener we cannot become effective communicator. Other presenters also explored various aspects of good listening and interpreted different aspects of listening. This Conference really proved so much beneficial to him. It has helped him develop an insight which will certainly help him to use innovative methods in teaching-learning process and personally as well.



Prof. SB Mujumdar and other Guests at the Inaugural Address



Prof. Anil Patil during his Paper Presentation

• **Prof. Keshav Panchal**



He presented his research paper in the National Conference on *Analysis Design of Civil Engineering Structures under Statistic Dynamic Loading* which was organized by Amrutvahini College of Engineering in Ahmednagar during 27 and 28 January 2016. The purpose of this Conference was to enlighten the learners about how to minimize recent problem of metallic corrosion by understanding mechanism of corrosion.

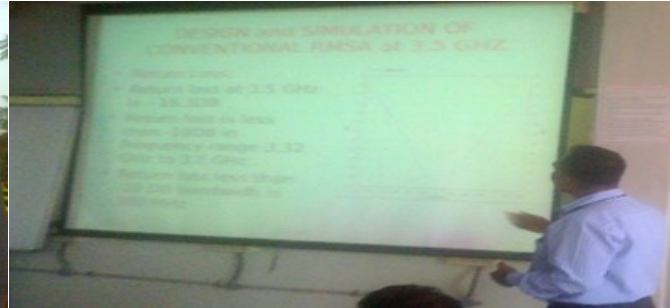
• **Prof. Anil Bhagat**



He presented his research paper entitled *Automatic Vehicle accident detection and messaging system using GSM and GPS* in the National Conference on 11 March 2016 which was organized by MIT at Alandi in Pune.

• **Prof. M M Jadhav**

He attended and presented his research paper in the 3rd International Conference on *Electronics and Communication System*. The Conference was sponsored by IEEE at Karpagam College of Engineering at Coimbatore in Tamilnadu during 25 to 26 February 2016. He presented his research paper entitled *Analysis of Conventional, C-slot and Double C-slot Microstrip Patch antennas for WI-Max Application* in the Conference.



Prof. M. M. Jadhav during his paper presentation

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CONFERENCES/SEMINARS AND WORKSHOPS ATTENDED

- **Prof. Pooja Jaiswal**

She attended a One-Day Seminar on *Emerging Solar PV Technology Applications for Academics* on 24 February 2016. It was organised by PVG's College of Engineering and Technology, Pune and kWatt Solutions Private Limited, Mumbai. Dr. Chetan Singh Solanki, expert in the field of Renewable Energy, Indian Institute of Technology, Mumbai, was the main speaker. The Seminar included practice on latest technologies in solar PV domains like Solar Energy Scenario in India and job opportunities, design of solar PV Plant and practical consideration in designing of solar PV system.



Experts on Dias and Participants in the Seminar

- **Prof. Jyoti Sadalge**



She attended a Two-Day National Workshop on *Speech and Biomedical Signal Processing* which was sponsored by IEEE Pune. This Workshop was conducted at Modern College of Engineering in Pune during 29 and 30 January 2016.

- **Prof. Santosh Shinde**

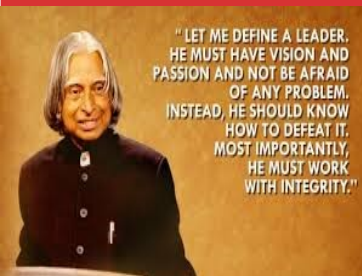


He attended a Two-Day Faculty Development Program on Computer Laboratory-III which was organized by G.H. Rasoni Institute of Engineering and Technology at Wagholi in Pune during 15 to 16 January 2016. This FDP covered practical assignments in the following theory subjects of B.E. Computer Engineering new syllabus: SDMT, Mobile Computing, Web Technology, Cloud Computing and Cyber Security.

- **Prof. Avinash Kokare and Prof. V. V. Rampurkar**



They attended a One-Week Short-Term Training Program on *Algorithms in Engineering* at IIT Guwahati during 15 to 19 February 2016. The objective of this STTP was to enlighten the participants about (i) importance of algorithm, (ii) teaching technique, (iii) motivation to do research in algorithms and (iv) some state-of-the-art algorithmic research area.





- **Dr. Aparna Sajjan**



She attended a Two-Day State Level Workshop on *Rubber Technology-SLWRT 2016* which was organised by MAEER's MIT in PUNE during 7 and 8 January 2016. She also visited these three industries in Pune: Auto Cluster Industry, Raksha Polycoats Pvt. Ltd. and K. D. Joshi Rubber Industries Pvt. Ltd. as a Program of this Workshop.

- **Dr. Anil Hiwarekar**



Dr. Anil Hiwarekar worked as a coordinator of Srinivasa Ramanujan Mathematical Competition Examinations. Indian Society for Technical Education conducted SRM Competitions for engineering students and teachers in March 2016 to explore their Mathematical talent. This competition was conducted in two levels: Chapter Level and National Level. 77 students and 3 teachers from our College participated in this Examination and our 16 students and 3 teachers got selected for National Level SRMC-2015-16 Examination. 624 students and 30 teachers from all over India were eligible for the National Level Examination.

- **Prof. P. Arotale and Prof. Sonal Nikam**



They attended a Two-Day National Workshop on *Speech and Bio-medical Signal Processing* which was sponsored by IEEE Pune at Modern College of Engineering in Pune during 29 and 30 January 2016.

- **Prof. Deepak Sonawane, Prof. Gajanan Dhanorkar and Prof. Gauri Bhoite**



They attended a Two-Day National Workshop on *Graph Theory and Its Applications* during 4 and 5 March 2016 at Vidya Pratishthan's College of Engineering in Baramati. During this workshop expert talks were delivered by eminent personalities like Aditya Abhyankar (DoT, SPPU), Dr. Abhiram Ranade (IIT Bombay) and Mr. Amartya Hatua (LGSoft India, Bangalore). In this workshop hands-on sessions were conducted on NetworkX by Mr. Himanshu Mishra (IIT, Kharagpur).

INDUSTRIAL VISITS AND GUEST LECTURES ORGANIZED

- Department of Civil Engineering organized an Educational Visit for B.E. students to Khadakwasla Dam, Panshet Dam and CWPRS, Pune. Total 88 students along with Prof. SR Deshmukh, Prof. GB Mahesh, Prof. BV Sawant and Prof. AA Vaidya visited Composite Dam, Earthen Dam and Canal Automation Structure of Khadakwasla, Panshet and CWPRS on 18 March 2016.



Faculty Members and Students during the Visit



• **Department of Civil Engineering** organized a Guest Lecture and demonstration of *Land Measurement through Land Records of Department of Government of Maharashtra* on 23 March 2016. Mr. Amarsinh Patil delivered lecture and his team members showed demonstration of measurement of land using different surveying equipments. This Guest Lecture was coordinated by Prof. D G Patil and Prof. J C Bhong.



Mr. Amarsinh Patil during his Lecture and Students during the Survey

• **Department of Mechanical Engineering** organized an Industrial Visit for Second Year students. They visited Dr. Auto Comp Factory. It is the pressing unit and students observed the machine operation and material removal processes. This visit was organized on 27 March 2016.



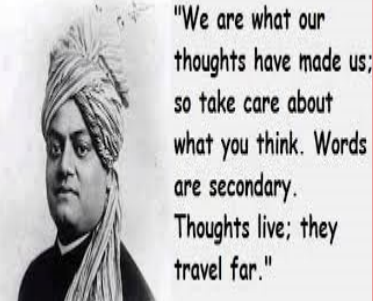
Faculty members along with students

• **Department of Civil Engineering** organized a Guest Lecture for Third Year students. Prof. Prachi Sathe from Department of Geography in Savitribai Phule Pune University delivered the lecture during 19 to 20 March 2016. Total 78 students benefited about the subjects such as Remote Sensing, Geographical Information System (GIS), Use of RS images and visual interpretation. She showed demonstration and training on the use of interface, tools in QGIS software. Prof. D. G. Patil and Prof. J. C. Bhong coordinated this Guest Lecture.



Prof. Prachi Sathe during her Lecture and the Students in the Lecture

• **Department of Civil Engineering** organized a Guest Lecture by Prof. SS Pimplikar (Head, Department of Civil Engineering, MIT Pune). He delivered expert lecture on *Project Management and Engineering Economics* on 5 March 2016 to 78 TE Civil Engineering Students. He explained Project appraisal methods of economic analysis with numerical based on it. Prof. D. G. Patil worked as a coordinator.





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Prof. S S Pimplikar during his lecture

• **Department of Civil Engineering** organized a Guest Lecture of Dr. P D Sabale. He delivered a lecture on *Engineering Geology* for Second Year students on 28 February 2016. The contents of lecture were Preliminary Geological Explorations and Remote Sensing, Drawing Geological Maps and Cross-sections. This Guest Lecture was coordinated by Prof. Bhagyashri Sawant.



Dr. P D Sabale during his lecture

SCHOOL OF ARCHITECTURE

• **Vidya Pratishthan's School of Architecture** organized a Study Tour to Dubai for students of all years during 10 to 16 February 2016. It was organized by Prof. Harshad Raisonni, Prof. Rakhi Begumpure, Prof. Madhura Pujari and Prof. Prajakta Pawar. The basic aim of the study tour was to explore to students the modern architecture. The Visit was planned to study contemporary as well as old heritage structures like Bhurj Khalifa, Grand Mosque and Seikh's Palace.



Faculty Members along with students at the University and Miracle Garden

STUDENTS' ACHIEVEMENTS

• **Second Year students of Mechanical Engineering Department** organized a competition of model making presentation on 11 February 2016 at Department level. In this event students were asked to prepare the small scale models of the mechanisms which were in syllabus of the subject theory of Machines.



Students during Model Making Presentation

• **Computer Engineering Students** namely Rushikesh Pandit, Vaibhav Pawar and Sarthak Doshi got third prize in National Championship on Android Apps Development. It was organized by Apps Fluxus in association with IIT Roorkee at IIT Roorkee during 19 to 20 March 2016.



Rushikesh Pandit, Vaibhav Pawar and Sarthak Doshi

TRAINING AND PLACEMENT

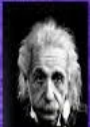
Special Talks organized by Training and Placement Cell				
Sr. No.	Topic	Speaker/Expert	Schedule	Participants
1	Career Building Opportunities in Niche Engineering Fields	MITSkills, Pune	14 January 2016	500
2	Opportunities for Engineers in Indian Administrative Services	Dr. Rajendra Bharud (IAS Officer)	6 January 2016	2000
3	Opportunities of Higher Education in International Institutes through GRE, TOEFL	Mr. Sunil Shah CEO, FACT	6 January 2016	200

Recruitment Details

Sr. No.	Name of Company	Product/ Industry Type	No. of Students Selected	Branches allowed for Campus	Name of Students Selected
1	Persistent	Software	7	Computer, IT	Kiran Kisan Kadam
					Poonam Lakshmikan
					Ashwini Ramsing
					Supriya Sampat Raut
					Omkar Sunil Dhorge
					Nikita Sujit Jadhav
2	Amazon	Management	1	E and TC, Computer, IT	Ms. Akanksha Rajee
3	Mphasis	Software	1	Computer, IT, E and TC, Electrical Engg.	Ms. Sneha Bhosale
4	Hotwax	Software	2	Computer, IT	Shantanu Shamraj
					Akshay Patil
5	Genius Minds	Software	2	Computer, IT	Ms. Shital Dhurnal
					Ms. Amarja Ghogare
6	Piaggio	Automobiles	1	Computer, IT	Ms. Pratiksha Pawar

"The only thing that interferes with my learning is my education."

- Albert Einstein



STUDENTS' ACHIEVEMENTS

- Thirty Students qualified GATE 2016 Examination from our College. Their names are as follows.



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Sr. No.	Student's Name	Department	Score
1	Prashant Vhankade	E and TC Engineering	35.98
2	Sumit Kavathekar	E And TC Engineering	29.00
3	Kajal Borlepwar	E And TC Engineering	26.11
4	Pallavi Shinde	E And TC Engineering	17.95
5	Anant Burase	E And TC Engineering	17.95
6	Mayur Katkar	Electrical Engineering	38.76
7	Snehal Mane	Electrical Engineering	34.82
8	Ajay Ambare	Electrical Engineering	29.89
9	Akshay Shelke	Electrical Engineering	27.25
10	Dipak Narsale	Electrical Engineering	25.63
11	Prachin Gaikwad	Electrical Engineering	17.40
12	Ankit Makde	Mechanical Engineering	46.90
13	Shinde Shivaji Buvasaheb	Mechanical Engineering	43.73
14	Bhapkar Nikhil Satish	Mechanical Engineering	37.75
15	Bhingare Sadhana H.	Mechanical Engineering	37.00
16	Damale Nitinkumar B.	Mechanical Engineering	27.00
17	Jadhav Jagdish Vaijanath	Mechanical Engineering	40.31
18	Jagtap Akshay C.	Mechanical Engineering	48.18
19	Jagtap Prathamesh Ramesh	Mechanical Engineering	43.36
20	Kazi Moin Anis	Mechanical Engineering	31.13
21	Kulkarni Purushottam Deepak	Mechanical Engineering	31.76
22	Madane Ananda Mukund	Mechanical Engineering	29.51
23	Markande Rishikesh Satish	Mechanical Engineering	39.87
24	Mekalki Suyash Suhas	Mechanical Engineering	30.27
25	Raut Mayur Arunrao	Mechanical Engineering	32.50
26	Rokade Amit Anil	Mechanical Engineering	34.26
27	Poonam Rohani	Computer Engineering	31.47
28	Rohit Shinde	Computer Engineering	28.88
29	Shantanu Shamraj	Computer Engineering	27.54
30	Amarja Ghogare	Information Technology	25.00

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