



Vidya Pratishthan's
Kamalnayan Bajaj Institute of Engineering and Technology
Baramati Dist. Pune



FOREWORD

Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology publishes quarterly activities organised in the campus and also the activities in which our students and faculty members participate in outside prestigious campuses. Emphasis is given on our Faculty's engagement in research activities, training programs and students' achievements in various fields. Therefore, it gives us pleasure to publish before you our e-Newsletter of July 2017. During this period, our faculty members and students have involved with their keen interest in higher learning, research and training programs.

During this period, most of our faculty members participated in various research competitions and also organised industrial visits for the students. Most of our students participated in *Smart India Hackathon 2017*. Some of our faculty members presented their research papers in the Conferences organised by IITs during this period.

Some faculty members organized industrial visits for the students so that they can get practical knowledge of their subjects. Our faculty members have also taken NPTEL online certification courses and they performed considerably well in these certification courses. Some of our faculty members organized departmental level workshops for students to make them aware about the basic knowledge in the subjects. Some of our students have joined the Undergraduate Fellowship Programme at Ural Federal University in Russia.

Foreword By

Dr. Nirmal Sahuji

Head (Gen. Sci. and Engg.)

Chairperson of e-Newsletter

e-Newsletter

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**EDITOR
AND
DESIGNER**

ANIL PATIL



There are only two days in the year that nothing can be done.

One is called YESTERDAY and the other is called TOMORROW.

- **Ms. Gyankamal Chhajed**



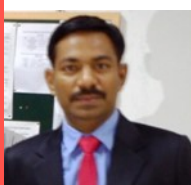
She received the certificate of Appreciation for Contributing as Mentor in *Smart India Hackathon 2017* under Ministry of Earth Sciences. She guided Hackthon 2017 project entitled *Video Compression Algorithm for GSM and Satellite Telemetry* for the Ministry of Earth Sciences.

- **Dr. Dinesh Hanchate**



He participated as a faculty in-charge in the Quality Enhancement in Engineering Education (QEEE) at IIT, Madras on the topic: *Software Process and Management-Software Engineering*. This phase was conducted during January to April 2017.

- **Dr. Sachin Bhosale**



Prof. Sachin Bhosle has been awarded Ph D Degree in Mechanical Engineering by Department of Mechanical Engineering-Engineering Mechanics (MEEM), Michigan Technological University, USA. His research topic entitled *Nanotextured Titanium Surfaces for Orthopedic Implant* has led to publications of his research articles in peer reviewed journals of international repute.

- **Ms. Ashwini Bankar and Ms. Nirvikalpata Bhosle**



They attended a Two-Week Training Program on *Rockwell Automation PLC and SCADA programming* at Advanced Training Institute at Sion in Mumbai. This Training Program was conducted during 5 June 2017 to 15 June 2017.

- **Mr. Anil Patil**



He took two NPTEL Online Certification courses during January to April 2017. He completed Online Certification Courses in (1) *Enhancing Soft Skills and Personality* and (2) *Literary Theory and Literary Criticism*. Online Examinations were conducted in Pune during March and April 2017. He achieved two Gold Medal Certificates in these Courses.

- **Dr. Mohan Thakre**



He has been awarded Ph D Degree in Power System Protection. He completed his Ph. D. Degree at Visvesvaraya National Institute of Technology (VNIT) in Nagpur in 2017.

- **Mr. Govind Devasuth**



He presented his research paper at National Institute of Technical Teachers Training and Research (NITTTR) Chandigarh on 11 June 2017. He presented his research paper on *Resonant DC – DC Buck - Boost Converter for the Battery Charger and PV Applications*. It was a Second International Conference on New Frontiers of Engineering, Science, Management and Humanities.

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• **Department of Civil Engineering** conducted a workshop on Masonry Construction Methodology and Brick Testing for Skill Building on 28 February 2017 in collaboration with Ultra Tech Cement Pvt. Ltd. This workshop was conducted under ISTE chapter. In this workshop, Masons, contractors, builders around Baramati and students of Second Year participated. Technical experts like Er. Supreetsingh Dhadwal (Regional Head) and Er. Rajesh Wagh, (Tech. Officer) were presented from Ultra Tech Cement Pvt. Ltd. They delivered their presentations on Masonry Construction Methodology and Brick Testing along with its applications. They also briefed about the use of quality bricks in Masonry constructions. After technical session the visit was conducted to make the participants aware about quality test on bricks through demonstration in Concrete Technology Laboratory of Civil Engineering. This workshop proved useful to all the participants and students in the area of construction works.



Presentation delivered by Er. Supreetsingh Dhadwal, (Regional Head of Technical)



Demonstration of Brick masonry construction by Technical experts from Ultra Tech Cement Pvt. Ltd.



Participants in the Workshop



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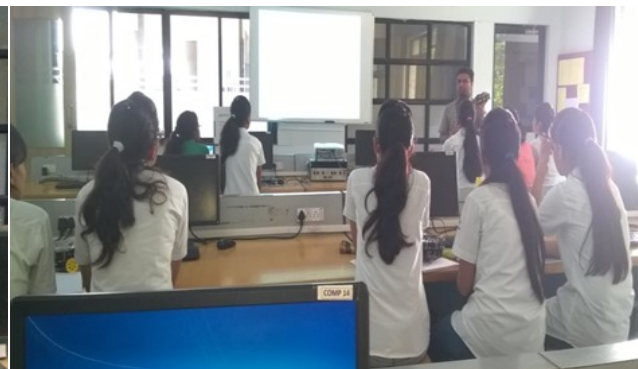
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Never Let success
GET TO YOUR Head
and never Let failure
GET TO YOUR Heart.

• **Department of Electronics and Telecommunication Engineering** organized a Two-Day Workshop on *Robotics: Firebird V Robotic Platform*. It was organised during 30 June to 9 July 2017. Twenty seven students participated in this Workshop and benefitted from it. This workshop was conducted by Mr. Shrikrishna Kolhar, Mr. Sachin Yrankatwar, Prof. Rajveer Shastri and Ajinkya Bankar.



Faculty members and Students during the Workshop



Mr. Sachin Yrankatwar during the Workshop

• **Mr. Avinash Shinde** is an alumni of Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology. He has qualified UPSC-2016 examination with the rank of 976. He delivered a lecture on *Opportunities in Competitive Examinations for Engineers*. The Department of Mechanical Engineering conducted the lecture under SAE collegiate club on 30th Jun, 2017 for the students of Mechanical Engineering. Prof. A H Kolekar and Prof. S H Kumbhar coordinated the event. Prof. A H Kolekar delivered the vote of thanks.



Felicitation of Guests during the program



Students during the program

• **Mr. P M Patil and Mr. K. S. Bhagwat**



They attended One-Day Faculty Development Programme on *Software Lab I and DBMS*. This FDP was organized third year course of Information and Technology 2015 Course, i.e. Theory and Laboratory Course Conduction. This programme was organized by Board of Studies of Information Technology in Savitribai Phule Pune University at Cummins College of Engineering in Pune on 13 June 2017.

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• **Department of Civil Engineering** organized an Educational visit to Hi-Tech Textile Park Limited, Baramati. It is one among the 26 parks that were approved by the Ministry of Textiles, Government of India. on 05.04.2017 for 76 students of B.E.Civil Engineering Students along with 2 staff members to study the project documents and preparing site report. Visit was organized under the guidance of Prof. Dr. L.S.Pammar and Mr. C B Nayak.



Students' interaction with Mr. Shankeshwar on project cash flow analysis

• **Department of Mechanical Engineering** organized a guest lecture of Dr. Shyam Gurav. It was organized on 1 April 2017. Dr. Shyam Gurav is working in Atkins Aerospace as Senior Engineer. He delivered a lecture on *Finite Element Analysis*. He discussed about the basic knowledge and problem solving techniques of Finite Element Analysis for Final Year students. This lecture proved beneficial to the students.



Students during the guest lecture



Dr. Shyam Gurav during his lecture

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• **BE Students from Information Technology Department** got selected for Undergraduate Fellowship Program. Shubham Wattamwar, Divya Bhosale, Priyanka Pawar, Musale Bhoopalsinh, Nagarwala Zainab got selected for this fellowship at Ural Federal Russia. They are working on the project Parallel Computation using K means Clustering. The duration of fellowship is from 15 June to 30 July 2017.



The group of the students at Ural Federal University, Russia



Students during their programme at Ural Federal University, Russia

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