



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



**FOREWORD**

We are pleased to publish before you the quarterly activities of our Institute in the form of E-Newsletter. During this time most of these activities were organised in the campus and also the activities in which our students and faculty members participated in outside prestigious campuses. We emphasise on our Faculty's engagement in research activities, training programs and students' achievements in various fields. During this period, our faculty members and students have involved with their keen interest in higher learning, research work and organised educational visits.

During this period, our faculty members organised industrial visits for students. Two teams of our Institute participated in *Smart India Hackathon 2017*. Our faculty members presented their research papers in the Conferences and some of them chaired sessions in conferences and visited other institutes to deliver guest lectures.

During this period our faculty members organized industrial visits for students which proved much beneficial for students to share their knowledge and ideas. During such visits students get practical knowledge of their subjects. A considerable number of students also qualified in GATE. Some of our faculty organized guest lectures of experts from other reputed institutes and most of them also conducted workshops for our students in the campus.

Foreword By

**Dr. Nirmal Sahuji**

**Head (Gen. Sci. and Engg.)**

**Chairperson of e-Newsletter**

**e-Newsletter**

**APRIL**  
**2017**

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**EDITOR  
AND  
DESIGNER**

**ANIL PATIL**



**e-Newsletter**

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When you focus on  
**PROBLEMS**,  
you will have more  
problems.

When you focus on  
**POSSIBILITIES**  
you'll have more  
opportunities.

- **VISION**

- ◇ To achieve excellence in technical education through continuous and collaborative efforts of stakeholders.

- **MISSION**

- ◇ To provide students with comprehensive knowledge of fundamentals of engineering.
- ◇ To nurture moral values and professional skills with consistent efforts.
- ◇ To foster relationship with other leading Institutes of learning, research and industries to facilitate the development of stakeholders.
- ◇ To develop centers of excellence to meet the need of industries.

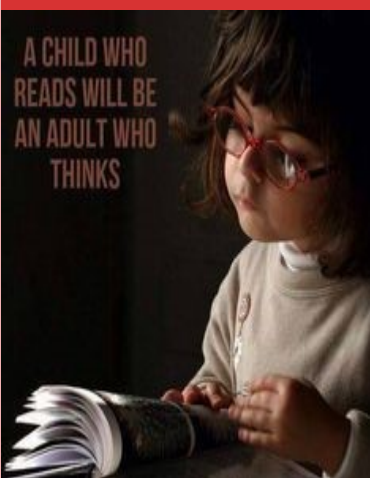
- **OBJECTIVES**

- ◇ To make available quality technical education facilities to every student admitted to the college and expedite the development of all-round personality of the students.
- ◇ To provide industrial training / internship and a project-based learning to most of the students in each branch of engineering.
- ◇ To provide incentives and boost to encourage staff and students to be actively involved in research-innovative projects in collaboration with industry and various funding agencies like BARC, CSIR, AICTE, DST, BRNS, MNRE etc.
- ◇ To upsurge number of students progressing for higher education within four years of graduation.
- ◇ To increase faculty members with Ph.D. qualification.
- ◇ To increase publications in peer reviewed high quality international journals.
- ◇ To invite more and more number of experts from industry for collaboration and promote Industry-Institute Interaction through Industry Institute Interaction Cell (IIIC).
- ◇ To encourage consultancy and testing and respond to the needs of the immediate neighbourhood.



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• **Department of Computer Engineering** in coordination with ISTE organized Events like Code War and Blind Coding on 24 February 2017. Total 22 students participated in these events. Dr. Dinesh Hanchate and Mr. Keshav Bhagwat judged the events. Ms. Sushma Nandgaonkar, Mr. Manoj Shelar and Mr. Pradip Paithane coordinated these events along with student coordinators Apurava Shete, Roshan Shaikh and Suman Gore.



Dr. M.G. Devamane (Principal) along with Ms. SS Nandgaonkar and Faculty members



Students during the Event



Principal Dr. M G Devamane, Faculty members and students during the Event

• **EESA of Electronics and Telecommunication Engineering Department** organized a Technical Event *Electrofest*. During this event competitions like Power Point Presentation, Express Yourself (Self-Introduction) and Group Discussion were organized.



Inauguration of Electrofest by Principal Dr. MG Devamane



Faculty Coordinator briefing about the Event





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Participants in the various Competitions

• **Department of Civil Engineering** organized a Program on water management awareness i.e. Jaljaguti Week. The Department celebrated Jaljaguti week in coordination with Irrigation Department (NLBC) on 17 March 2017. 120 T E and B E students participated in this program along with faculty members. Er. Pravin Kolhe delivered lecture and explained the importance of water with statistics of available water in different basins. Er. DA Pandhare explained different water saving techniques used in Israel for irrigation of crops.



Dr. M G Devamane (Principal) and Guests during 'Jalpratidnya'

• **Department of Mechanical Engineering** organized a guest lecture on Welding Technology. This guest lecture was delivered by Mr. Marate and his Team. This team guided students about Welding Technology and career opportunities in welding. This lecture proved beneficial to students and the teachers also motivated the students.



Guests and students during the Event

• **Electrical Students Association (ELESa) of Electrical Engineering Department** organized an Event on 24 February 2017. The competitions like Debate competition and Circuit Design and Implementation were organized for students. It was inaugurated by Hon. Principal Dr. M G Devmane. Circuit Design and Implementation event was judged by Dr. N B Wagh, Prof. S R Trankatwar and Prof. Anjika Bankar. Debate Competition was judged by Dr. Rajveer Shastri and Prof. Digambar Padulkar. ELESa Staff Coordinator, Mrs. P N Jaiswal, ELESa President Mr. Ameer Tamboli, ELESa Vice-President Ms. Kamini Kokate coordinated this event.

Instruction  
does much, but  
encouragement  
does  
everything.

- Johann Wolfgang Von Goethe





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EVERY STUDENT CAN  
**LEARN**  
just not on the same day  
or in the same way.  
GEORGE EVANS



Inauguration of the Program by Principal Prof. M G Devamane along with faculty members and students



Inauguration and Prize Distribution Program

• **Information Technology Students Association (IESA) of Department of Information Technology** organized a Two-Day Workshop on *Big Data and Hadoop* during 18 to 19 March 2017. 29 students participated in this Workshop. The Expert for this workshop was Mr. Sachin Gaikwad, Module Lead (Big Data and Analytics), Persistent Systems Pvt. Ltd. Pune. This workshop proved beneficial to the students.



Mr. Sachin Gaikwad during interaction with students



Faculty and students in the Workshop

• **The Institute organized** the Health Education workshop on *Psychological Health: Impulsive Behavior* and its Consequences on 27 February 2017. It was organized under Vidyarthini Arogya Prabodhan Program (SPPU) for all second year girls. Dr. D M Sharma and Vishal Sharma were the workshop experts.



Dr. D M Sharma and Vishal Sharma in the Workshop





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miStAkEs  
are proof  
that you are  
TRYING

• **Department of Civil Engineering** conducted a workshop on *Construction Practices and New Construction Materials for Skill Building* on 1 February 2017 in coordination with Ultra Tech Cement Pvt. Ltd. under ISTE chapter. In this workshop Masons, contractors, builders around Baramati and BE students participated. Technical experts Er. Supreetsingh Dhadwal, Er. Vaibhav Dixit, and Er. Rajesh Wagh from Ultra Tech Cement Pvt. Ltd. were present. They delivered their presentations on various conventional construction practices along with its advantages and disadvantages. This workshop was motivational to all the participants and students in the domain of building construction works. The Workshop was coordinated by Prof. GN Narule.



Presentation delivered by Er. Rajesh Wagh

Participants in the Workshop

• **Department of Mechanical Engineering** organized an Event on the Lathe War and CAD War on 23 February 2017. There were 24 groups in Lathe War and 29 groups in Cad War. Total 80 students participated in these events from First year engineering and Mechanical engineering Department. Winners of the Competitions got trophies and participants were distributed certificates.



Faculty members during the Event

Students during the Event

• **Department of Civil Engineering** conducted a Three-Day workshop on *Remote Sensing and GIS* during 11 to 13 February 2017 in coordination with ACES India and Collegiate Club. This workshop was organised for third year students. The resource persons invited for this workshop were Dr. Shrikant Gabale, Manager, ETH Ltd. Pune and Ms. Prachi Sathe, GIS Analyst, Shelter Associate, Pune. This workshop was coordinated by Ms. J C Bhong and Mr. D D Ahiwale.



Session by Ms. Prachi Sathe, Shelter Associate, Pune

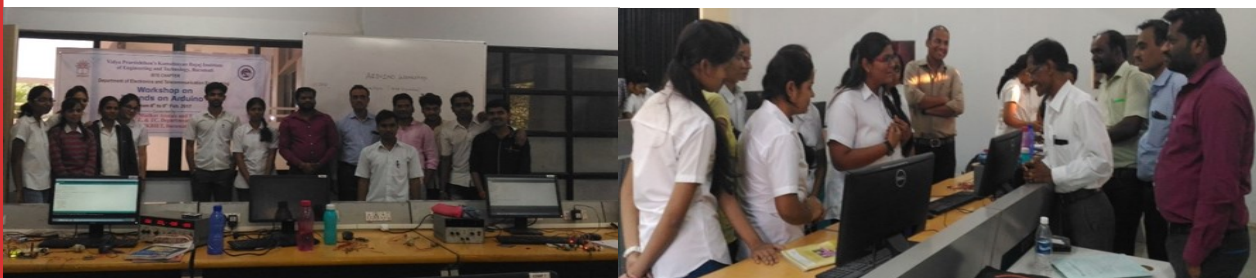
Session by Dr. Shrikant Gabale



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• **Department of Electronics and Telecommunication Engineering** organized a Workshop on *Hands on Arduino*. This workshop was conducted by Mr. M N Arotale under ISTE Chapter. Total 32 students from third year and last year participated in the workshop.



Faculty members and students in the Workshop

Student Demonstrated Applications of Arduino Board

• **Department of Electronics and Telecommunication Engineering** organized a Workshop on *Raspberry Pi* under IETE Chapter. This workshop was conducted by Mr. Madhav Arotale in four different Batches. This workshop was organized during 11 February to 11 March 2017. Total 120 Students from TE and BE participated in the workshop.



Mr. Arotale while teaching in the Workshop

Students in the Workshop

### **CHAired SESSIONS/PRESENTED RESEARCH PAPERS OR DELIEVERED GUEST LECTURES**

• **Dr. Dinesh Hanchate**



He chaired a session in 6<sup>th</sup> Postgraduate Conference of Computer Engineering (cPGCON-17) at Sandip Foundation's Sandip Institute of Technology and Research Centre, Nashik during 24 to 25 March 2017. cPGCON is an annual event conducted by BCUD of SPPU, Pune. Post-Graduate students and research scholars presented their algorithmic and analytical proposals and progress to contribute in the frontiers of domain expertise and innovation.

• **Mr. Anil Disale**

He delivered a guest lecture on 2 March 2017 at S B Patil Engineering College in Indapur. He delivered the lecture on *Introduction to Polarization*. He guided 150 students of First Year Department. This lecture proved beneficial for the students.



Mr. Anil Disale during his lecture





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“Education is the most powerful weapon which you can use to change the world.”

- Nelson Mandela



### • Mr. Anil Patil

He presented his research paper at 7<sup>th</sup> National Conference at Symbiosis in Pune. English Language Teaching Institute of Symbiosis organized a National Level Conference on Business Communication: Trends, Opportunities and Challenges. It was conducted by Symbiosis on 10<sup>th</sup> and 11<sup>th</sup> February 2017. Anil presented his research paper entitled *Teaching Soft Skills for Better Interpersonal Communication and Relationships* in the Conference. In his research paper Anil 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 stages of listening. This Conference really proved so much beneficial to him. It has helped him develop insights which will certainly help him to use innovative methods in teaching-learning process and personally as well.



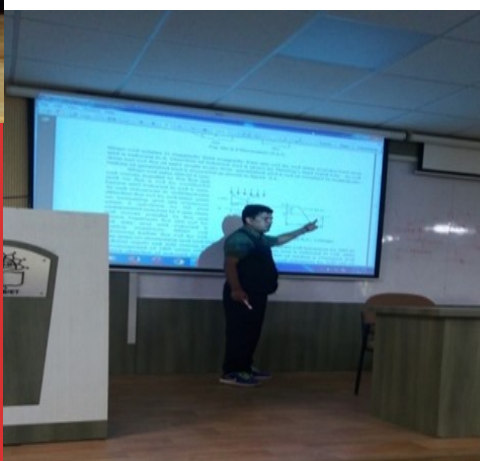
Mr. Anil Patil during his presentation



Experts and participants in the Workshop

### **INDUSTRIAL VISITS AND GUEST LECTURES ORGANIZED**

• **Department of Electrical Engineering** organized a Guest Lecture of Mr. Vijay Mohale, Assistant Professor, Department of Electrical Engineering, Walchand College of Engineering, Sangli on *Basic Electrical Engineering* on 16 and 17 March 2017. This lecture was organized for first year engineering students. He guided students about basic concepts of energy conversion, temperature, work, heat, Electromagnetic Induction, AC fundamentals, three phase system and the field of practice. Mrs. Pooja Jaiswal, Mr. DS Yeole and Mr. NC Vaidya coordinated the program.



Interaction of Mr. Vijay Mohale with students

• **Department of Electrical Engineering and Electronics and Telecommunication Engineering** jointly organized a Guest Lecture of Dr. Mohan Kolhe, University of Agder, Norway on *Renewable Energy System* on 14 and 15 February 2017. He delivered a series of expert talks on home energy management system, integrated renewable energy system based on energy storage in the form of hydrogen, smart grid and micro grid architecture.





Dr. Mohan Kolhe delivering the lecture

• **Department of Electrical Engineering** organized an industrial visit to Mense Electrical Private Limited, Phaltan. This visit was organized for second year students on 23 March 2017. The main purpose for this visit was to make students familiar with industrial environment and to get practical knowledge of electrical machine applications. 67 students along with Mrs. Pooja Jaiswal, Mr. Pavan Upadhye and Mr. Santosh Magar visited the industry. Mr. Prakash Kale guided them about the company and had a general discussion about transformer, its principles, working types, etc.



Distribution transformer at the plant and expert at the plant explaining the Transformer manufacturing process

• **Department of Electrical Engineering** organized an industrial visit to Sandipa Power Lines, Bara-mati. This visit was organized for third year students on 21 March 2017. 62 students and two faculty members visited the place. They manufacture single phase, three phase, core type and shell type transformers.



Actual photographs of Insulation used



Core insulation

• **Department of Electrical Engineering** organized an industrial visit to Malegaon Sahkari Sakhar Karkhana Ltd. This visit was organized for BE students on 22 March 2017. The main purpose to organize the visit was to get practical knowledge of Power Electronics and Control Drives applications. 69 students along with Mr. D. Govind, Mr. Rohit Tarade and Mr. NN Nitve visited this place. It is well-known for its sugar production and power generation and is a co-operative sugar factory established in 1955. At present Malegaon Sahkari Sakhar Karkhana has crushing capacity of 4000 M.T. per day, sugar plant with power generation unit of capacity 21 MW.



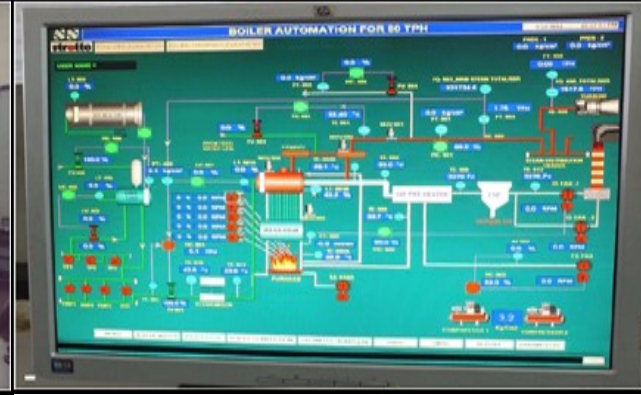


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Generator Assembly



Boiler Automation Panel



Visit of students to Malegaon Sahkari Sakhar Karkhana

• **Department of Civil Engineering** organized an industrial visit to Bhatghar and Nira-Deoghar Dam and its hydroelectric power plant. This visit was organized for third year students on 14 March 2017. 65 students visited Veer Dam near Neera and a few locations on Neera left bank canal to study Dam, structures of canals and irrigation practices followed in command area along with Irrigation Department officers. Mr. DG Patil, Mrs. SR Deshmukh, Mr. Amol Bhosale planned the Visit with the help of Engineers from Irrigation Department. Er. Vijay Nalawade, Er. Ajit Jamdade, Er. SS Jagdale, Er. AR Bhosale and other all Junior Engineers and staff guided students.



Students with staff and officers



Irrigation Department officers explaining details about Veer Dam

• **Department of Civil Engineering** organized a Guest Lecture on Interlinking of Rivers on 25 March 2017. Dr. Avinash Garudkar from WALMI in Aurangabad delivered the lecture. He delivered a lecture on interlinking of rivers as well as on hydrological cycle. During interaction, students as well as faculty members interacted with him and clarified their doubts.

"EVERYONE YOU  
WILL EVER MEET  
KNOWS SOMETHING  
YOU DON'T."

-BILL NYE-





Dr. M G Devemane (Principal) felicitates the Guests

• **Department of Civil Engineering** organized an industrial visit to Ellora and Ajantha in Aurangabad. This visit was organized for second year students on 2 and 3 March 2017. 72 students along with faculty visited this place. The main purpose of this visit was to study various geological structures and M.I.D.C. Chikalthana RMC Plant. Ms. J. C. Bhong, Mr. U. T. Jagdale, Mr. C. B. Nayak and Mrs. S. B. Walke planned the Visit with the help of Engineers from the construction site.



Students and Faculty members during their Visit to Elora and Ajantha

• **Department of Civil Engineering** organized an Educational visit to Maharashtra Jeevan Pradhikaran Augmentation to Jalochi Water Supply Scheme, Sayali Hill, Baramati on 18 March 2017. This visit was organized for third year students. 65 students along with faculty members visited this place. The main purpose of the visit was to study different aspects of water treatment and its supply. The Visit was organized under the guidance of Ms. S R Deshmukh.



Faculty members and students during their visit

• **Department of Civil Engineering** organized an Educational visit to Khadakwasla Dam and Panshet Dam on 21 March 2017. This visit was organized for BE students. 76 students along with staff members visited this place. The main purpose of this visit was to study different aspects of Composite dam. The Visit was organized under the guidance of Ms. SR Deshmukh and Dr. RJ Patil.





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Students and Faculty members at Khadakwasla Dam



Students and Faculty members at Panshet Dam

• **Department of Electronics and Telecommunication Engineering** organized an industrial visit to Mahindra and Mahindra Pvt. Ltd. at Chakan in Pune. for T.E. students. This visit was organized for third year students on 24 March 2017. 50 students along with faculty visit this place.



Faculty members along with students at Mahindra and Mahindra Vehicle Pvt. Ltd.



### **STUDENTS' ACHIEVEMENTS**

• **Two Teams of students from Department of Computer Engineering** participated in *Smart India Hackathon 2017*. *Smart India Hackathon 2017* was a Pan-India 36 hour non-stop digital programming competition. These Teams participated simultaneously at both places Bhopal and Chennai to offer digital yet sustainable innovative solutions to solve real time challenges faced by the nation.

Participants in Team 1: Bhore Kshitija, Pawar Vaibhav, Marathe Shraddha, Gore Suman, Shinde Shubham, Shirke Akshay. The subject of this Team was *All Eighteen Child related Acts on one Platform* and the place of presentation was SIIT, Bhopal. This subject was chosen under the subject of National Commission for Protection of Child Rights, Government of India.



Participants along with Principal Prof. MG Devamane



Participants while receiving their prizes



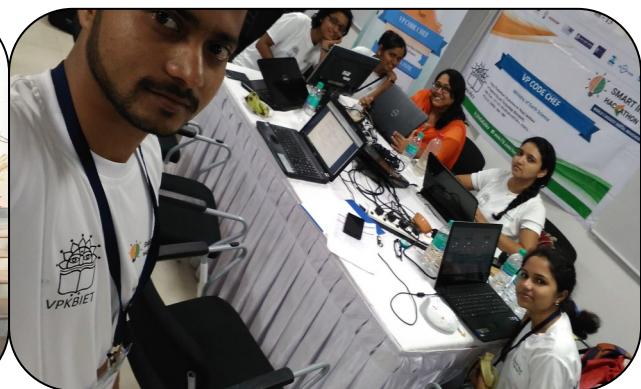


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- **Team 2:** Harshada Badave, Yuvraj Patil, Pooja Sohale, Monika Sonmale, Snehal Nanaware

The subject of this Team was *Video Compression Algorithm for GSM and Satellite Telemetry* and the place of presentation was SSN College of Engineering, Chennai.



Participants in Team 2 along with Principal Prof. MG Devamane

Students while working on their project

- **Following students have qualified GATE 2017.**

Sr. No.	Student's Name
1	Anjum Mulani
2	Gayatri Nimbalkar
3	Harshada Kumbhar
4	Vinayak Sawant
5	Shubham Kobragade
6	Nilesh Mane
7	Dhananjay Kothule
8	Nilam Jogalekar
9	Pratik Madane
10	Niranjan Nanaware
11	Ajay Yadav

- **Following students have been placed during this period.**

Sr. No	Student's Name	Branch	Name of Company
1	Bhusare Nitin Vishwambhar	BE Computer	Extentia Information Technology, Pune
2	Jaybhaye Rajnikant Parmeshwar	BE Computer	Extentia Information Technology, Pune
3	Nigade Shrivani Jagdish	BE Computer	Extentia Information Technology, Pune
4	Pandit Rushikesh Sudhir	BE Computer	Extentia Information Technology, Pune
5	Raut Sarant Prashant	BE Computer	Extentia Information Technology, Pune
6	Taware Priyanka Dadasaheb	BE Computer	Extentia Information Technology, Pune
7	Kadam Sayaki Sunil	BE Mechanical	Piaggio Vehicles Private Limited. Baramati
8	Nashikkar Aishvarya Anant	BE Mechanical	Piaggio Vehicles Private Limited. Baramati
9	Chavan Pravin Shivaji	BE Computer	Metamagics, Pune
10	Shete Apurva Mahesh	BE Computer	Metamagics, Pune
11	Hadap Kasturi Sanjay	BE IT	Genius Minds, Pune
12	Pawar Vaibhav Popat	BE Computer	Genius Minds, Pune

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