



Vidya Pratishthan's

Kamalnayan Bajaj Institute of Engineering and Technology

Baramati



Dist. Pune

e-Newsletter

OCTOBER

2019

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ANIL PATIL

FOREWORD

We publish the quarterly activities organised in the campus and also the activities in which our students and faculty members participated in outside prestigious campuses. In this publication we give emphasis on our Faculty's engagement in research activities, training programs as well as students' achievements in various fields. Therefore, it gives us pleasure to publish before you our e-Newsletter of October 2019. During this period, our faculty members and students have involved with their keen interest in higher learning, research and training programs.

During this period, many of our faculty organised the workshops on various subjects at the VPKBIET campus. Some of our students also presented their posters in AVISHKAR Competition. Most of our faculty members presented their research papers in national and international conferences.

Most of our faculty members organised industrial visits for the students. Some faculty members organised various Department level programs for the students which proved beneficial for them. Industrial and educational visits were organised for the students so that they can get practical knowledge of their subjects. Two projects from E and TC Engineering Department received incubation from Atal Incubation Centre at Agricultural Development Trust in Baramati. Four students from our Institute presented the project titled, "Automatic Sugarcane Bud Detection and Cutting System" at Navonmesh Competition organized by Atal Incubation Centre At Agricultural Development Trust Baramati. They received the second prize worth Rs.7000/- and Trophy. Our faculty members also organised guest lectures and workshops which were organised by faculty and professionals from outside.



Mr. Anil Patil



He participated in a National Level *Refresher Program on Professional Development* organised by ELTAI, India at Samgameshwar College in Solapur on 4 August 2019. The program covered the topics like use of digital tools in teaching and learning as well as professional communication. The expert, Dr. P. N. Ramani delivered the sessions and emphasised on the key aspects in teaching and learning. The training program proved highly useful to Anil Patil to develop certain insights in teaching and learning.

• **Students and Faculty from Computer Engineering Department** participated in One-Day Technical Event by Oracles All India Oracle Users Group (AIOUG). The Group organized “Oracles Ground Breakers Yatra (Tour) 2019” at Oracle Financial Solutions and Services Ltd., Oracle Park, Pune. Mr. Sahil Shah along with 4 students from Computer Engineering and Information Technology Department attended this event. Oracles Ground Breaker Yatra (Tour) is a series of ten events (Expert talks, Hands on Live Sessions etc.) across ten major cities in India. The main motive of the event was to bring Oracle Community together, giving them awareness by improving their level of knowledge with opportunities for networking. This event provided an ideal platform for knowing the whereabouts of current and upcoming trends in future related with Oracle database and its various tools. Several sessions for faculty, industry delegates and students were conducted in parallel tracks during this period. All these sessions were conducted by eminent experts from Oracle Headquarters at California, USA and professionals working abroad on various Oracle projects. Students participated in the event are Ashwini Patil, Neha Nimbalkar, Anuj Fulari and Swapnil Jagdale.

Students and Faculty during the Event





• **Department of Mechanical Engineering** organized a Two-Day technical event “**Elysium-2K19**” during 13-14 September 2019. It was organised under SAE Collegiate Club. During this program, interdisciplinary events were organized and 900 students from the Vidya Pratishthan’s KBIET and from other institutes participated in various events. The event was inaugurated in the presence of chief guest, Dr. Nishikant Deshpande, Ex. Director, NIT Silchar, Assam, Hon. Principal, Dr. R. S. Bichkar, Dean Academics and other dignitaries. The chief guest for the valedictory function was Shri. Kishor Bhapkar, Vice President, ISMT Ltd, in Baramati. Various events were organized during these two days viz. Tech. Innovations, Get Hired, Robo-Race, Quiz Olympiad, Tech-Hunt, Matlab Coder, 3D printing and Student Parliament. All winners of the events were felicitated with memento and cash prizes. Dr. Vipin Gawande and Mr. Akshay Bhapkar coordinated the program. The event was guided by Dr. P. R. Chitragar, Head of Department and all faculty members and technical staff graced the program with their active participation.



Hon. Principal, Dr. R S Bichkar felicitates
Dr. Kishor Bhapkar



Students displayed their projects during the program

• **Department of Computer Engineering** conducted a Skill-Development Program on ‘Basics of C/C++ Programming’ under CESA platform. The topics covered during the program were: introduction to programming, program and programming, programming languages, introduction to compiler, linker, loader, interpreter, algorithm and flowchart classification of programming languages, overview of C, data types in C, operators and expressions, managing input and output operation and user defined function in C. This program was coordinated by Mr. Vynkatesh Rampurkar. Hon. Principal, Dr. R S Bichkar also delivered sessions during the program. The program proved useful for students.



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Hon. Principal, Dr. Bichkar, Dr. Santanji Shinde and Mr. Rampurkar during the program Hon. Principal delivering a session

• **Department of Computer Engineering** organised an Annual Technical Function in association with CESA. It was organized during 20 to 21 September 2019. Dr. Bhaskar Gaikwad (Scientists, ICAR, National Institute of Abiotic Stress Management) and Dr. Pramod Patil (Head Computer Engg, Dr. D. Y. Patil Institute of Technology) graced this even as chief guests. The competition was held in various fields like photography, sketching, short film, poster presentation, code war, dazzle coding, coding buddy, extempore, mock placement, technical treasure hunt and idea presentation. Mr. Vyankatesh Rampurkar coordinated the program. Workshop on scratch programming for school students was organized by Mrs. Rupali Zargad.



Students during the program

Students felicitated by the Chief Guests

• **Students of Electrical Engineering Department** organised Teacher's Day and Engineer's Day on 16th September 2019 in workshop of Electrical Department. It was organized by ELESA committee to show their gratitude towards teachers. The entire department was enthusiastic and excited for the celebration right from the beginning of the day. The functions started with lighting the lamps and garlanding the photos of Dr. Radhakrishanan and Sir Vishweshwarya.



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Hon. Principal, Dr. R.S. Bichkar addressed the students. Mr. Vishal Kore (TPO) shared his views on upcoming job opportunities for students. The students showed their gratitude towards teacher by delivering speeches and by giving handmade greetings. Students had organized wonderful dance and act. The prize distribution ceremony was conducted for “Group Discussion Competition” organized by ELSA during start of the semester. Inauguration of 'ELSA 2K19' & Felicitation of ELSA committee was the most attractive moment of evening. The students organized different activities Musical chair, Pillow Passing for the entertainment of teachers and students took great effort and ensured that teachers enjoy every minute. The efforts of students were appreciated by teachers thus making the event grand success. With the speech of ELSA president and Vote of Thanks by ELSA Vice President, the program was concluded.



Inauguration of the program by Hon. Principal, Dr. R. S. Bichkar



Hon. Principal while addressing the students

• **Department of Civil Engineering** organized a One-Day workshop on ‘Advanced building materials’ on 23 August 2019. It was organised in collaboration with Ultra Tech Cement Pvt. Ltd. under ISTE chapter. In this workshop Masons, contractor, builder around Baramati, faculty and students of second year participated. The workshop proved beneficial for students.



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Hon. Vice Principal, Dr. Lande, Guests and HoD addressing the students

INDUSTRIAL INTERNSHIP VISITS OR GUEST LECTURES ORGANISED

Industrial visit was organized to TE (Mechanical Students) on 20 Sept. 2019 to Accurate Engineering Company Pvt. Ltd., Pune. The visit was organized under the subject of Metrology & Quality Control in which students learned measurement techniques practically. The students visited various labs and seen the various equipment's used for Metrology. The visit was organized by Dr. M. S. Lande and coordinated by Dr. S. C. Bali and S. H. Kumbhar.



Students and Faculty visited these places during their Visit

- Department of Information Technology organized One-Day Guest Lecture on “Database Management System and PL/SQL”. The lecture was organised for third year students on 31 Aug 2019. The resource person was Ms. Supriya Shete-Khadse from Oracle Financial Service Software Ltd. Mrs. Kanchan Bhale organised and coordinated the program. The program proved beneficial for the students.



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Students during the Program



Faculty and Students participated in the Program

• Department of Civil Engineering organised an Industrial Visit Dhom-Balkwadi Hydroelectric Power Plant on Krishna River at Mahabaleshwar on 16 September 2019. The visit was organised for third year students for the subject FM2 to get practical exposure of Hydropower Generation. Mr. D G Patil, Ms. S R Deshmukh, Mr. U T Jagadale and Er. Sachin Jarande and Mr. K. D. Taware coordinated the visit.



Students, Faculty and Engineer at Dam Site

• **Department of Electrical Engineering** organised an Industrial Visit at Shreem Electric Ltd. at Jaysingpur in Maharashtra. It was a one-day visit organised on 20 September 2020. It was organised for second year students for the subject of Material Science, Electrical Measurements and Instrumentation. 43 students visited the place. Mr. R. S. Tarade and Mr. D. S. Yeole coordinated the visit. Students studied the technical areas like Knowledge of winding section, vacuum and oil filling section, assembly section and paint section for LT and HT power capacitor. The visit proved beneficial for the students.



Faculty and Students during the Visit



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• Department of Electrical Engineering organised an Industrial Visit at LIEBHERR Appliances India Pvt. Ltd and Digvijay Industries in Aurangabad. The visit was organised for two days on 29 and 30 August 2019. 49 students participated in this visit for the subject of PLC and SCADA Technology and Power System Operation and Control (PSOC). Mr. Hafiz M. Shaikh, Mr. Ramchandra A. Rakate Mrs. Sonali Jagtap. Students experienced the world class automation technology at LIEBHERR Appliances Pvt. Ltd., They learnt about the process of refrigerator automatically assembling on a conveyor belt and it was the most amazing thing to experience for the students. In Digvijay Industries, the students studied the information about how to arrange the laminated core. They also studied the Transformer HV and LV windings in detail.



Faculty, Students, Staff and Liebherr Resource Person during the Visit



Faculty, Students, Staff and Liebherr Resource Person during the Visit

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- **Aishwarya Phulari, Anuj Fulari
Shubham Kumbhar and Amol Pawa**

Four students from our Institute presented the project titled, "Automatic Sugarcane Bud Detection and Cutting System" at Navonmesh Competition organized by Atal Incubation Centre At Agricultural Development Trust Baramati. They received the second prize worth Rs.7000 and Trophy. These students are Aishwarya Phulari, Anuj Fulari, Shubham Kumbhar and Amol Pawar.



Students and their Guides during Competitions

- **Paigambar Shaikh and Aishwarya Fulari**

Two projects from E and TC Engineering Department received incubation from Atal Incubation Centre at Agricultural Development Trust in Baramati. The projects are: Multipurpose Egg Hatching Machine. The student is Paigambar Shaikh and he is guided by Mrs. Jyoti Rangole. The second project is Automatic Sugarcane Bud Detection and Cutting System is by student Aishwarya Fulari and she is guided by Dr. Sudhir Lande, Mrs. Jyoti Rangole, Mr. Vinay Nagalkar.



Students and guides receiving the prize for the incubation centre

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