



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



FOREWORD

In this Newsletter, 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. We emphasise 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 2020. During this period, our faculty members and students have involved with their keen interest in higher learning, research and training programs. During this period, one of our faculty won the Young Scientist Award 2020 in the 7th International Scientist Awards on Engineering, Science and Medicine'.

Some faculty members organised various workshops for the students which proved beneficial for the students. Industrial and educational visits were organised for the students so that they can get practical knowledge of their subjects. Our faculty members also organised guest lectures and workshops which were organised by faculty and professionals from outside. Our faculty also participated in the online Faculty Development programs which were organised by various reputed Institutes. Attending such programs helps them gain insights about learning, teaching and in the research process as well.

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**EDITOR
AND
DESIGNER**

ANIL PATIL

**Dr. Vinay J. Nagalkar**

He won the Young Scientist Award 2020 in '7th International Scientist Awards on Engineering, Science and Medicine'. The program was organised on 4 and 5 July 2020 at Coimbatore, India.

WORKSHOPS AND DEPARTMENTAL EVENTS ORGANISED AND PROGRAMS ATTENDED**Mrs. Kanchan Bhale and Mr. Dinesh Zende**

Department of Information Technology organized a webinar on 'Importance of Palo Alto Network Certification' for the students from Information Technology, Computer Engineering and Electronics and Telecommunication Engineering. This webinar was organised on 14 September 2020. This activity was conducted under the Center for Palo Alto Cyber Security in collaboration with ICT Academy. Mr. Ravichandrian A. (Manager, IT Training & Research Department, ICT Academy) was the resource person for the program. 120 students benefitted from this program. Mrs. K. M. Bhale and Mr. D. A. Zende worked as the coordinators of the program.

Department of Electronics and Telecommunication Engineering organised a Workshop on PCB Layout Design in association with ISTE. The program was organised for the students from Electronics and Telecommunication Engineering. The main objectives of the workshop were to impart knowledge of PCB layout design and also to develop the skills of PCB layout design using modern tools. The workshop was organised on 27 September 2020. Training was conducted by Mr. Madan M. Jadhav, Assistant professor, Department of E. & Tc. Total 30 student attended the workshop. The workshop covered the topics such as PCB Design process, components of PCB, types of PCB, important design elements, component placement rules, conductor width and thickness, conductor routing rules and location, PCB layout Design for DC to Dc converter in manual mode of proteus software tool and design of PCB for five volt regulator using auto mode feature of Proteus software tool. 30 students and faculty participated in this workshop and it proved beneficial for them. Mr. Madan Jadhav worked as a coordinator for this workshop.

Mrs. Jyoti Kulkarni

She completed a One-Week online Faculty Development Program on Environmental Sustainability and Green Energy at Govindrao Wanjari College of Engineering, Nagpur during 29 June to 3 July 2020. She also completed Online One Week FDP on Advancements in Electrical, Engineering: An Academic and Industrial Approach at NIT, Silchar during 3 to 7 August 2020. The topics covered in the program were such as smart grid structure and components, load frequency control, recent trends in HVDC and FACTS, Energy Management, IOT for Home Automation, Modelling of solar PV systems, Grid integration of renewable energy sources, Power Electronics application to renewable energy sources, Electric Vehicles and G2V and V2G Technology.



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• **Mrs. Pooja N. Jaiswal**



She completed a Two-Day National Online Faculty Development Program on Designing and Implementation of Outcome Based Education (OBE) Model at MSP Mandal's Shri Muktanand College, Gangapur, Department of Physics, Aurangabad in collaboration with IQAC, Dr.B. A. M. U., Aurangabad during 7 to 8 July 2020. The topics covered in this program were such as how to establish vision and mission statements, program educational objectives, programme outcomes, course outcomes with blooms taxonomy, context of blooms taxonomy, contemporary pedagogical tools for effective course delivery, assessment metrics, rubrics, best practices to continuously improve the quality of programme, attainment of programme outcomes, remedial measures and assessment of program outcomes.

Mr. Rohit Tarade, Mr. Hafiz Shaikh, Mr. Dipak Yeole Mr. Nikhil Vaidya, Mr. Pavan Upadhye and Mrs. Jyoti Kulkarni



They completed One-Week Short Term Training Program on IoT and Advanced Power Electronics Applications in Smart Grid which was organised by K. K. Wagh Institute of Engineering Education and Research, Nashik during 10 to 14 August 2020.

Mr. Dipak Yeole



He completed AICTE sponsored One-Week STTP on Optimal Operation of Power System Incorporating Renewable Energy Sources. It was organised by Sagar Institute of Research and Technology, Bhopal during 27 July to 1 August 2020. He also completed AICTE sponsored One-Week STTP on *Electric Vehicles: Challenges and Opportunities*. It was also organised by Sagar Institute of Research and Technology, Bhopal during 24 to 29 August 2020.

Mr. Hafiz Shaikh



He attended One-week Online Faculty Development Program on *Architectural design using Sketch Up* organised by ICT Academy during 21 to 25 September 2020.

Mr. Santosh Shinde



He attended a National Level One-Day Awareness Workshop on 'Outcome Based Education and Accreditation for Engineering Colleges'. It was organised by G H Raison Institute of Engineering and Technology, Nagpur on 11 September 2020.



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Dr. Sirish Bali

He completed an AICTE Training And Learning (ATAL) Academy FDP on "Blended Learning and Flipped Classroom" from 10 to 14 August 2020. The program was organised by Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat.

Dr. Manisha Lande



She completed a Faculty Development Program (AICTE-ATAL) on 'Advancement in manufacturing Technology for Industrial Application' during 24 to 28 August 2020. The program was organised by Gyan-Ganga Institute of Technology and Science.

Mr. Dilip Patil



He participated in a National Level One-Day Workshop on 'Outcome Based Education and Accreditation'. It was organized by G H Raison Institute of Engineering and Technology, Nagpur on 11 September 2020.

Mrs. Shruti Y Tambe



She completed One-Week Online Faculty Development Programme On 'Research Opportunities in Environmental Engineering'. It was organised by Department of Civil Engineering, Bharati Vidyapeeth (Deemed to be University), College of Engineering, Pune in association with Department of Civil Engineering Shahajirao Patil Vikas Pratishthan's S.

B. Patil College of Engineering, Indapur during 20 to 25 July 2020.

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