



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



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. We give emphasis on our Faculty's engagement in research activities, training programs as well as students' achievements in various fields in this publication. Therefore, it gives us pleasure to publish before you our e-Newsletter of January 2022. During this period, our faculty members and students have involved in higher learning, research and training programs. Many of our faculty also completed Faculty Developments Programs organised by various premier institutes and sponsored by ATAL Academy and AICTE, New Delhi. These FDPs provide a diverse ways of discussion and as well as exploration on emerging trends and technologies in the present world of scientific and technological advancements.

Some of our faculty presented their research papers in national and international conferences. Our faculty organised industrial visits for the students. Some faculty 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. Some senior faculty of our Institute reviewed the research articles from reputed Scopus Indexed Journals and some of them also delivered lectures on various emerging technical areas which need to be explored and helped students develop insights about learning, research and entrepreneurship.

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**EDITOR
AND
DESIGNER**

DR. ANIL PATIL



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FACULTY'S ACHIEVEMENTS AND COMPLETED FDPS AND WORKSHOPS

- **Dr. Anil Hiwarekar**



He worked as a reviewer for the Journal of Engineering Education Transformations (Scopus, International Journal) in December 2021.

He also worked as a reviewer for the Journal South East Asian Journal of Mathematics and Mathematical Sciences, (Scopus Journal) in December 2021.

- **Dr. Anil Patil**



Dr. Anil Patil completed his Ph. D. at the Department of English from Savitribai Phule Pune University in December 2021. The area of research for his Ph. D. was Postmodern Literary Theory and he analysed the literary texts with a focus on Postmodernism. He is grateful to his colleagues, Hon. Principal and Hon. Management Authorities for continuous motivation during his research journey.

- **Dr. Aparna G. Sajjan**



Dr. Aparna Sajjan completed a Faculty Development Program on 'Application of Internet of Things (IoT) in Environment, Medical Science and Human Life' during 4 to 8 October 2021. The Program was organised by Shri. Shankaracharya Group of Institutions, SSTC in Chhattisgarh. She also completed a Five-Day Faculty Development Program on 'Cyber Security' during 22 to 26 November 2021 which was organised by Graphic Era Deemed to be University, Uttarakhand. She also completed a Faculty Development Program, i.e. Microsoft India and SAP India Program on 'Artificial Intelligence'. The FDP was organised under Tech-Saksham Program during 3 to 5 December 2021.

- **Dr. S. M. Bhosle**



He completed AICTE-ATAL Faculty Development Program on 'Recent Trends in Industrial Robot Programming with Applications and Hands on Training Program'. The FDP was conducted by SRM Institute of Science and Technology in collaboration with ATAL Academy during 6 to 12 December 2021.

- **Dr. Anil Patil**



Dr. Anil Patil completed a Five-Day Faculty Development Program on 'Creative Thinking'. The program was organised by ICT Academy during 16 to 20 November 2021. The resource person for the program was Dr. Simi Kalakamb. Dr. Simi covered all the essential aspects related to creative thinking during the program. The Faculty Development Program proved useful for Anil Patil.



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FACULTY'S ACHIEVEMENTS AND COMPLETED FDPS AND WORKSHOPS

- **Dr. Vipin Gawande**



He completed AICTE-ATAL Faculty Development Program on 'Augmented Reality and Virtual Reality and its Applications'. The FDP was organized by Shri. Sai Ram Engineering College during 4 to 8 October 2021.

- **Mr. Suraj Kumbhar**



He completed 'Module 1 on Orientation towards Technical Education and Curriculum Aspects' and 'Module 2 on Professional Ethics and Sustainability' which was organised by National Initiative for Technical Teachers Training (NITTT). This FDP was conducted during 5 July to 23 October 2021.

- **Mr. M. S. Gaikwad**



He completed the AICTE-ISTE approved One-Week Faculty Development Program on 'Electric Mobility as a Future'. It was organized by Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune. The FDP was organised in association with SAE India Western Section during 25 to 29 October 2021.

- **Mr. Sahil Shah**



He participated in a One-Week National Workshop on 'React JS' which was organised by AISSMS Institute of Information Technology, Pune.

He also completed a Faculty Orientation Program on 'Object Oriented Programming and Computer Graphics Laboratory' which was organised by MET's Institute of Engineering, Nashik. He also participated in an online Webinar on 'Artificial Intelligence as Enabler for Teachers in Implementing NEP 2020' which was organised by NITI Aayog and College of Engineering, Pune.

- **Mr. Pravin Dhandore**



He completed AICTE-ATAL Academy sponsored Faculty Development Program on 'Industry 4.0: Digitization, Sensorization and Optimization'. The Faculty Development Program was conducted by Manav Rachna International Institute of Research and Studies in collaboration with ATAL Academy during 15 to 19 November 2021.

- **Dr. Manisha Lande**



She completed an AICTE-ATAL Academy sponsored Faculty Development Program on 'Effective Leadership and Excellence in Technical Education'. This FDP was conducted by Women Engineering College, Ajmer in collaboration with ATAL Academy during 15 to 19 November 2021.



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FACULTY'S ACHIEVEMENTS AND COMPLETED FDPS AND WORKSHOPS

- **Mr. A. H. Kolekar**



He completed an AICTE-ATAL Academy sponsored Faculty Development Program on 'Artificial Intelligence and Machine Learning'. This FDP was conducted by Veer Surendra Sai University of Technology (VSSUT), Odisha in collaboration with ATAL Academy during 22 to 26 November 2021.

- **Mr. K. M. Jadhav**



He completed an AICTE-ATAL Academy sponsored Faculty Development Program on 'Artificial Intelligence and Machine Learning'. This FDP was conducted by Veer Surendra Sai University of Technology (VSSUT), Odisha in collaboration with ATAL Academy during 22 to 26 November 2021.

- **Mr. M. S. Gaikwad**



He completed an AICTE-ATAL Academy sponsored Faculty Development Program on 'Artificial Intelligence and Machine Learning'. This FDP was conducted by Veer Surendra Sai University of Technology (VSSUT), Odisha in collaboration with ATAL Academy during 22 to 26 November 2021.

- **Mr. S. C. Mahadik**



He completed an AICTE-ATAL Academy sponsored Faculty Development Program on 'Recent Trends in Industrial Robot Programming with Applications and Hands on Training Program'. This FDP was conducted by SRM Institute of Science and Technology in collaboration with ATAL Academy during 22 to 26 November 2021.

- **Mr. A. H. Kolekar and Mr. K. M. Jadhav**

They participated in AICTE-ATAL Academy, Microsoft India, and SAP India sponsored Faculty Development Program on 'Artificial Intelligence'. The FDP was organized by Edunate Foundation at VPKBIET, Baramati during 3 to 5 December 2021 under Tech-Saksham Program. Faculty from various institutions of Vidya Pratishthan participated in this program. The Faculty Development Program was sponsored by Microsoft and SAP under their joint CSR initiative.



Photograph of Hon. Principal, Dr. R S Bichkar, Trainers and Faculty Participants



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FACULTY'S ACHIEVEMENTS AND COMPLETED FDPS AND WORKSHOPS

- **Mr. Suraj Kumbhar**



He participated in 'How to Improve College Branding Workshop for TPOs' conducted by Testbook.com on 11 December 2021. The program proved useful for Mr. Suraj Kumbhar.

- **Ms. Gauri Bhoite**



She completed an AICTE Training and Learning (ATAL) Academy, Microsoft India and SAP India Faculty Development Program on 'Artificial Intelligence' during 3 to 5 December 2021 under Tech-Saksham Program. The FDP proved useful for her.

- **Mr. S. C. Mahadik**



He completed AICTE-Learning Academy Faculty Development Program on 'Recent Trends in Industrial Robot Programming with Applications and Hands on Training Program'. The FDP was conducted by SRM Institute of Science and Technology in collaboration with ATAL Academy during 6 to 12 December 2021.

FACULTY PRESENTED PAPERS IN CONFERENCES AND SEMINARS

- **Mr. A. H. Kolekar**



Mr. A. H. Kolekar along with Mechanical Engineering students, Mr. Chetan Bankar, Mr. Aditya Bhandare, Mr. Rushikesh Salave and Miss. Prachi Kulkarni presented a paper on 'Bio-Inspired Air Filter' at the 48th National Conference on Fluid Mechanics and Fluid Power. The Conference was organised by the Department of Mechanical Engineering, BITS Pilani, Pilani Campus during 27 to 29 December 2021.

- **Mr. Vishal Bhagwat**



He presented a paper 'Predicting heat transfer coefficient in CO₂-mould sand casting of steel using machine learning algorithms' in the 26th National and 4th International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC 2021) conducted by IIT Madras during 17 to 20 December 2021. The paper is published in the Conference Proceedings by Begell House Digital Library.



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INSTITUTE/DEPARTMENT LEVEL PROGRAMS OR GUEST LECTURES ORGANISED

Vidya Pratishthan's KBIET, Baramati organised a three-day Faculty Development Program on 'Artificial Intelligence' in association with Microsoft, SAP and Edunet. This FDP was organized during 3 to 5 December 2021. Mr. Vishal Kore, TPO, Vidya Pratishthan facilitated organization of this FDP through CSR initiative of Microsoft, SAP and Edunet for the teaching faculty. Mr. Sahil Shah, Assistant Professor in Artificial Intelligence and Data Science Department coordinated the Program. Resource Persons for the sessions were Mr. Prateek Vashishtha, Training Manager, Edunet Foundation, Gurgaon-Delhi and Mr. Madhukar Wakhare, Trainer, Edunet Foundation, Pune. The Program included theory sessions followed by hands-on practical sessions conducted by trainers from Edunet Foundation. 45 participants from the institutes of Vidya Pratishthan Sanstha participated in this faculty development program. Mr. Dadaso Taware and Mr. Santosh More provided the valuable technical support during this program.



Felicitation of Trainers by Hon. Principal, Dr. R. S. Bichkar during Inaugural Function



The Resource Person during the interaction with the participants



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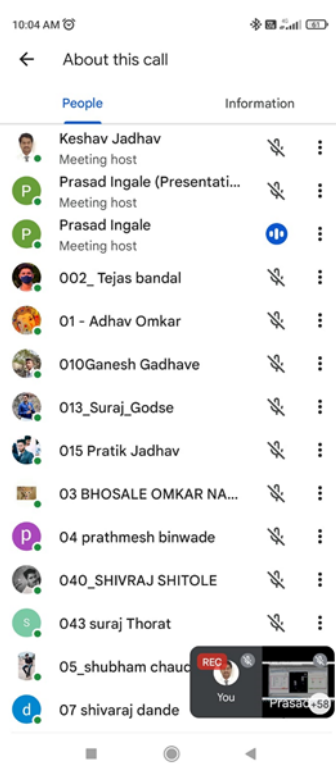
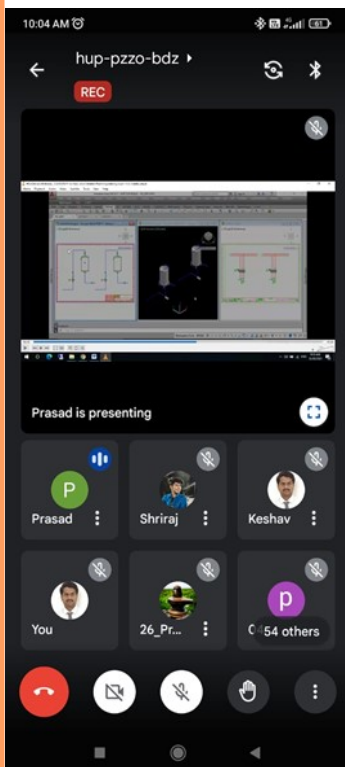
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INSTITUTE/DEPARTMENT LEVEL PROGRAMS OR GUEST LECTURES ORGANISED

• Mr. K. M. Jadhav

Mr. Keshav Jadhav organised a lecture of Mr. Prasad Ingale, (Sr. Business Development Executive, IT and Factory GmbH, Neilsoft Group, Pune PGDM in Marketing, JK Business School, Gurgaon, Delhi NCR BE Mechanical, VPCOE, Baramati, Pune). Mr. Prasad Ingale conducted a session on 'Software Tools used for Plant Design and Modeling'. This guest lecture was organized for Second Year students of Mechanical Engineering on 20 December 2021. The session proved useful for the students to develop their insights about plant design and modeling.



Mr. Prasad Ingale during the interaction with students

STUDENTS' ACHIEVEMENTS

- 67 Students from the Department of Artificial Intelligence and Data Science completed the Online Certification Course on Machine Learning-Linear Regression. The course was offered by NASSCOM and FutureSkills Prime. These students also participated in the HackFest.
- Mr. Abhishek Sutar (SE-AI and DS) secured Second State Rank at the Hackathon - H<ckFest> organized by NASSCOM and FutureSkills Prime.
- 69 Students from the Department of Artificial Intelligence and Data Science participated in IBM Edunet Skill Development Program.



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STUDENTS' ACHIEVEMENTS

- **Mr. Ajinkya Borawake**



He is the third year Mechanical Engineering student. He completed a one-month internship in Human Resources Group. The internship was organised by Aashman Foundation during 18 August to 18 November 2021. He was associated with Aashman Foundation during this period in the capacity of intern and completed internship with three star performance.

- **Mr. Omkar Adhav**



He is the second year Mechanical Engineering student. He completed the internship on '30-Day Renewable Energy Master Class'. This course was conducted at Pantech e-Learning Pvt. Ltd. Chennai through online mode during 17 October to 16 November 2021.

- **Mr. Rohit Gandhi** from BE-Mechanical won the First Prize in the 7th edition of the four-day India International Science Festival (IISF) held in Panaji, Goa. The Festival was organised during 10 to 14 December 2021. The theme of the Festival was 'Celebrating Creativity in Science, Technology and Innovation for Prosperous India'. The Goa-based National Centre for Polar and Ocean Research (NCPOR), under the Ministry of Earth Sciences, is the nodal agency to organize IISF 2021. The festival was organized jointly with Departments of Atomic Energy (DAE), Science and Technology (DST), Biotechnology (DBT), Space (DoS) and the Council for Scientific and Industrial Research (CSIR).



The Expert, Faculty and Mr. Rohit during the Competition