



# Department of Mechanical Engineering

## MECHAZINE

*Bi Annual Bulletin*

### Editors:

**Prof. Rushikesh M. Rasal**  
(Assistant Professor, Mechanical Engineering)

**Prof. Mandar S. Padhye**  
(Assistant Professor, Mechanical Engineering)

# Team Mechanical

## Faculty Members



Dr. Kaushal K. Prasad	(Principal)
Dr. Milind S. Kirkire	(Dean, Academics and HoD)
Dr. Shashikant S. Goilkar	(Dean, R & D)
Dr. Milind S. Yadav	(Associate Professor)
Mr. V. MuraliMohan	(Associate Professor)
Mr. Vikram S. Chougule	(Associate Professor)
Mr. Sachin S. Mestry	(Assistant Professor)
Mr. Vidyasheel S. Bagade	(Assistant Professor)
Mrs. Gayatri J. Abhyankar	(Assistant Professor)
Mrs. Abhilasha S. Jadhav	(Assistant Professor)
Mr. Sumit S. Malusare	(Assistant Professor)
Mr. Harshal R. Salvi	(Assistant Professor)
Mr. Hemant V. Chavan	(Assistant Professor)
Mr. Amar S. Yekane	(Assistant Professor)
Mr. Jayesh S. Anavkar	(Assistant Professor)
Mr. Mahadev L. Naik	(Assistant Professor)
Mr. Shodhan U. Mayekar	(Assistant Professor)
Dr. Tarang R. Shinde	(Associate Professor)
Mr. Vikram V. Nagale	(Assistant Professor)
Mr. Sachin S. Gurav	(Assistant Professor)
Mr. Prabodh B. Horambe	(Assistant Professor)
Mr. Tushar V. Kavatkar	(Assistant Professor)
Mr. Rushikesh M. Rasal	(Assistant Professor)
Mr. Abhijit M. Date	(Assistant Professor)
Mr. Pratik R. Kamble	(Assistant Professor)
Mr. Mandar S. Padhye	(Assistant Professor)

## Staff Members

- Mr. R. V. Utekar
- Mr. A. V. Nhivekar
- Mr. A. A. Lingayat
- Mr. V. V. Lohar
- Mr. D. Y. Mestry

# Contents



Department Vision



Department Mission



Program Specific Outcomes (PSOs)



Program Educational Objectives (PEOs)



Programs organized by the Department



Faculty Achievements

# VISION

- ⚙️ To become a center of quality education by developing competent engineers who can address challenges in the field of mechanical engineering.

# MISSION

- ⚙️ To establish state of the art facilities in department enabling effective training of students and creating research environment
- ⚙️ Evolve competent technical professionals through effective delivery of curriculum and contents beyond, which fulfil the needs of industry and society.
- ⚙️ To inculcate sense of social responsibility and human values amongst the students.

# PROGRAM SPECIFIC OUTCOMES

- ⚙️ Students will be able to investigate problems in the fields of design, thermal and manufacturing processes through application of statistical techniques
- ⚙️ Students will be able to provide computer-based automation solutions to manufacturing and process industries.

# PROGRAM EDUCATIONAL OBJECTIVES

- ⚙️ To prepare the stakeholder to exhibit leadership qualities with demonstrable attributes in lifelong learning to contribute to the societal needs.
- ⚙️ To make ready the stake holder to pursue higher education for professional development
- ⚙️ To help the stakeholder to acquire the analytical and technical skills, knowledge, analytical ability attitude and behavior through the program
- ⚙️ To prepare the stakeholders with a sound foundation in the mathematical, scientific and engineering fundamentals
- ⚙️ To motivate the learner in the art of self-learning and to use modern tools for solving real life problems and also inculcate a professional and ethical attitude and good leadership qualities
- ⚙️ To prepare the stakeholder to be able to design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

# Programs Organized by department

## Online Workshop on IoT using PYTHON & Arduino

The Department of Mechanical Engineering of Finolex Academy of Management and Technology, Ratnagiri conducted a Six-days online workshop on "IoT using PYTHON & Arduino" from 7th to 10th July 2021 & 14th to 16th July 2021 for the students of Third & Final Year Mechanical Engineering. It was conducted by Mr Pushpashil M Salunke, Centre Director, PMS Robotics Research Centre, Pune.

The workshop started on 7th July 2021 at 2.30 p.m. Dr M. S. Kirkire, Dean Academics & HoD Mechanical, highlighted the importance of Industry 4.0, IoT & Artificial Intelligence and Machine Learning field during the inaugural function. Mr Pushpashil M. Salunke briefed about the Human-Robot. The workshop was conducted in six sessions on six days comprising of theory & hands-on practical. The students were jointly certified by Finolex Academy of Management & Technology & PMS Robotics Research Centre. Prof. Gayatri J Abhyankar and Prof. Amar S Yekne coordinated the workshop successfully.

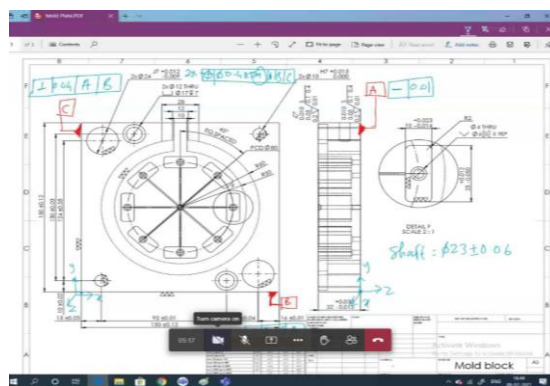


**Prof. G J Abhyankar welcomes the guest & participants**

## Online Faculty Development Program on Dimensional Management As per ASME Y 14.5 Standards

The Department of Mechanical Engineering organized a one-week online Faculty Development Program (FDP) on 'Dimensional Management: As per ASME Y 14.5 Standards in association with MechaTol Product Engineering Solutions Pvt. Ltd. Pune from 15th to 20th July 2021.

The program began with the inaugural address by Dr Kaushal Prasad (Principal FAMT) and introduction by Dr Milind Kirkire (Dean Academics and Head of Mechanical Engineering Department) who welcomed the expert speaker Mr Anand Bhise (Director, MechaTol Product Engineering Solutions Pvt. Ltd. Pune) and the participants. The FDP was designed for Faculty, postgraduate students, research scholars and industry personals. the participants got practical exposure to Geometric Dimensioning and Tolerancing (GD & T) regarding ASME Y 14.5. During FDP, the concept of the Datum Selection Process from the assembly and manufacturing approach was explained with actual drawing. The actual calculations regarding MMC, LMC and RFS was covered very effectively.



**Detailed explanation about Tolerancing during**

The FDP was organized and convened by Dr Milind Kirkire and coordinated by Prof. Mahadev Naik and Prof. Sumit Malusare

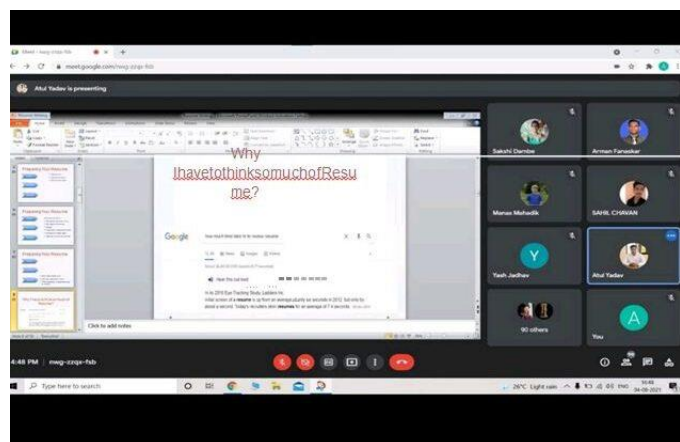
# Programs Organized by department

(Assistant Professors, Mechanical Engineering Department). A total of 104 participants representing various industries and academic institutes from various states of India completed the FDP.

## ISHRAE Activity: A Webinar on Resume Building

ISHRAE Students Chapter, FAMT, conducted a Resume Building Webinar on 4th August 2021 on Google Meet from 4:15 pm to 5:15 pm. The webinar was conducted to enhance skills and knowledge about the future jobs and to learn resume building.

A total of 100 students from various schools and colleges near Kudal, Ratnagiri, and Vengurla attended the webinar. Mr. Yash Jadhav briefly introduced the program. The speakers of the session were Prof. Atul Yadav and Prof. Pratik Kamble, who gave an interesting and thought-provoking address to students about resume building. At the end of the session Ms Prajakta Thakur expressed a vote of thanks. The students received the certificates of participation.



**Prof. Atul Yadav guiding students**

The program was coordinated by FAMT ISHRAE Students Chapter members under

the guidance of ISHRAE Faculty Advisors Prof. V S Bagade and Prof. S U Mayekar, Dr M. S. Kirkire, Dean Academics and HoD Mechanical Department and Dr Kaushal Prasad, Principal of FAMT.

## A Webinar on Demystifying Analytics for Mechanical Engineers

The Department of Mechanical Engineering arranged a webinar on "Demystifying Analytics for Mechanical

Engineers" for SE, TE & BE students. Mr Khemraj Sawant-Morye (Aircraft data analyst-Airbus) delivered a session on Thursday, 5th August 2021.

The webinar started with felicitation and introduction of keynote speaker by Mr Arman Fanaskar (Final Year Student, Mechanical Engineering Department) and Prof. R. M. Rasal (Assistant Professor, Mechanical Engineering). Mr Khemraj Sawant-Morye has completed his M.E. (Mechanical Design) and currently working as an Aircraft data analyst at Airbus, Bangalore. He is having more than 6 years of industry experience.

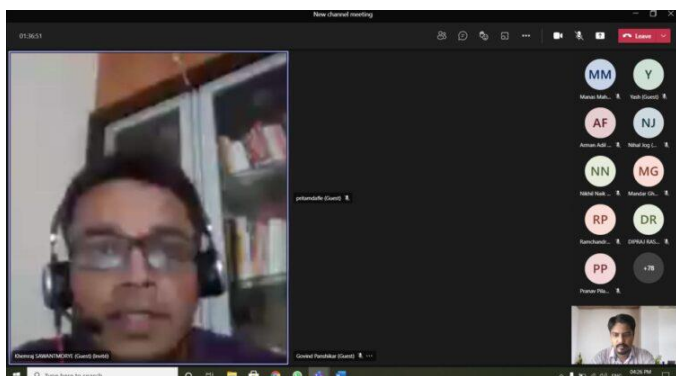
Mr Khemraj Sawant-Morye, during the session, explained how to build a career in data science, big data analysis in the manufacturing sector. He explained about scope, basic concepts and knowledge about the applications of data analysis and coding skillsets. The takeaway of the talk was the content of the mechanical branch that is important for making a career in this specific domain of data analysis with the manufacturing segment. He shared his experience in the corporate field and organization. He also explained the skill sets



# Programs Organized by department

that are required to acquire a career in the same domain.

From the Department of Mechanical Engineering, a total of 111 students participated in the webinar. Prof. R. M. Rasal (Assistant Professor, Mechanical Engineering) and Prof. P. R. Kamble (Assistant Professor, Mechanical Engineering) coordinated the event successfully under the guidance of Dr M. S. Kirkire (Dean Academics & HoD Mechanical Engineering).



**Mr. Khemraj Sawant-Morye guiding students**

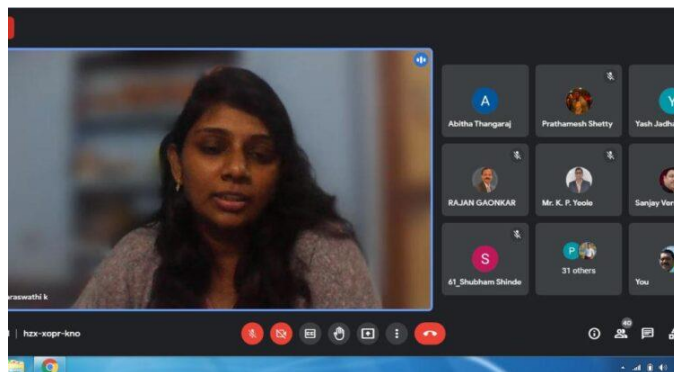
## A Technical Talk on Future of Sustainability

ISHRAE FAMT Students Chapter organized a technical talk on the Future of Sustainability on the occasion of the Installation Ceremony on 20th August 2021.

Mrs. Saraswathi Kailasam delivered the talk on types of Sustainability, their effects, and appliances. She explained the transition in the sustainable manufacturing industry and its future. The sustainable industry has undergone a huge change in the last few years and will continue so that we would be getting well-manufactured products through the economically sound process in the future. In the HVAC design field institutions and corporations have a chance to eliminate unwanted fuels and energy sources.

She discussed the numbering system used for the various compounds and elaborated on the ISHRAE Numbering System and which sustainable we have to use for a particular application.

The program ended successfully with a vote of thanks given by Mr. Avadhut Soman.



**Mrs. Saraswathi Kailasam delivering a talk on the future of sustainability**

## ISHRAE Installation Ceremony 2021-22

The Department of Mechanical Engineering established the ISHRAE FAMT Students Chapter for the society year 2021-22 on August 20th 2021.

The ceremony was conducted in presence of Dr Kaushal Prasad (Principal), Dr Milind S Kirkire (Dean Academics, Head of Mechanical Dept.), Prof. V. S. Bagade (Faculty Advisor ISHRAE), Prof. S. U. Mayekar (Faculty Advisor ISHRAE), the Faculty members of the department and ISHRAE THANE Chapter Office Bearers– Mr Rajan Gaonkar (President ISHRAE Thane Chapter), Mr Sanjay Verma (West Zone Head), Mr Umais Momin (Student Chair), Ms Hemlata Patil (Secretary), Ms . Nivedita Jadhav.

This year's ceremony was different from the past ones. As everything is at a halt due to COVID-19 Pandemic, the ISHRAE



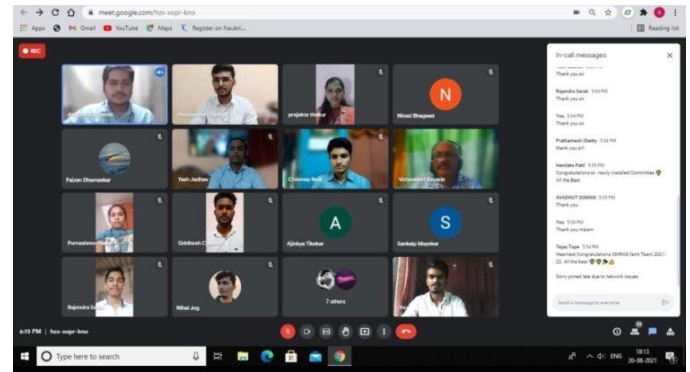
# Programs Organized by department

Chapter Installation ceremony was held online through Google Meet. Dr Kaushal Prasad, Principal, FAMT welcomed all the dignitaries and ISHRAE members and appreciated the success of the ISHRAE Students Chapter in the year 2021-22. He also congratulated the ISHRAE Thane Chapter and Mechanical Engineering Department for the efforts put in for the success of the Students Chapter. Dr Milind Kirkire, HoD, Mechanical Department, FAMT also welcomed the dignitaries and offered the best wishes to the new members of the ISHRAE Student Chapter. It was followed by a presentation on Activities of the FAMT ISHRAE Student Chapter in previous years and during the lockdown.

Mr Rajan Gaonkar, President ISHRAE Thane Chapter highlighted the role of ISHRAE to explore the leadership qualities of students and elaborated on the role, activities, programs, facilities, collaborations, and certification courses of ISHRAE. He emphasized the benefits to the student members and the institute of being a part of this vibrant society.

Mr Sanjay Verma held the Oath taking ceremony for Student President Mr Avadhut Soman, President-Elect Mr Yash Jadhav, Secretary Mr Shubham Shinde, Treasurer Mr Ajinkya Tikekar, Elect CWC Member Mr Rahul Pujare, Elect CWC Member Mr Sahil Chavan, Elect CWC Member Mr Siddhesh Chavan, Elect women Chair Ms Prajakta Thakur, Elect K-12 Head Ms Purnashree Pawar, Elect Event Management Head Mr Shivam Vanjari, Elect Travel Management Head Mr Jasim Sarang, Elect publicity Head Mr Chinmay Naik, Elect Membership Head Mr Rajendra Sarak, Elect Marketing Head Mr Prathmesh Shetty. The program ended successfully with a vote of thanks given by Mr Avadhut Soman.

The program was coordinated by FAMT ISHRAE Student members under the guidance of the Faculty Advisors Prof. V. S. Bagade and Prof. S. U. Mayekar, Dr M. S. Kirkire, Dean Academics and the Head of Mechanical Engineering Department and Dr Kaushal Prasad, Principal.



**ISHRAE FAMT CWC Members**

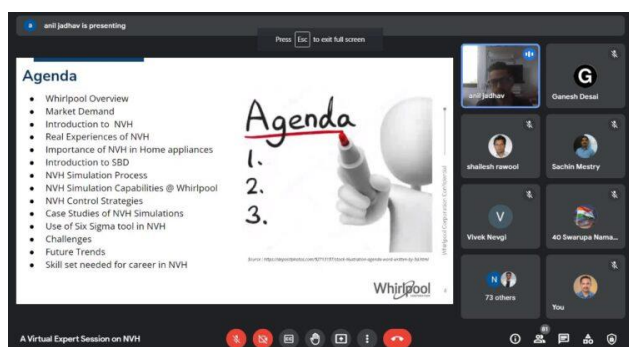
## **A Virtual Expert Session on NVH: Noise, Vibration & Harshness**

The department of Mechanical Engineering organized a Virtual Expert Session on NVH: Noise, Vibration & Harshness under the guidance of Dr M. S. Kirkire (Dean Academics and Head of Mechanical Engg. Dept.) on 25th September 2021 for the students of Mechanical Engineering. Around 80 students attended the expert session.

The webinar began with an introductory speech by Prof. J. S. Anavkar (Assistant Professor, Mechanical Engg. Dept.) Mr Anil Jadhav (Senior CAE specialist at Whirlpool Corporation, Pune) was invited to conduct the expert session. During the 02 hours session, Mr Anil Jadhav presented an Overview of Whirlpool and market demand for NVH. He further briefed the students about the field of NVH, the importance of NVH in Home Appliances and day to day life experiences of NVH. After the

# Programs Organized by department

initial introduction, the students were made aware of the NVH Simulation Process, NVH Control Categories, Use of the Six Sigma tool in NVH. Further, the expert also showcased challenges, future trends and skillsets needed to pursue a career in the field of NVH. The students interacted with the expert at the end of a session in the Question-Answer segment.

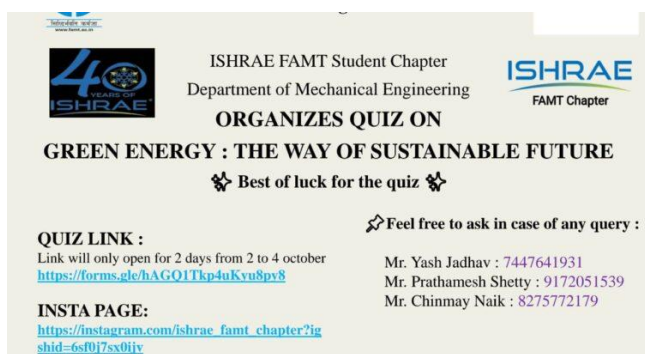


**Mr. Anil Jadhav talking about the outline of the sessions**

## K-12 Activity: Quiz on Green Energy

ISHRAE FAMT Students Chapter conducted an Online Quiz on Green Energy to spread awareness about green energy on 2nd October 2021. The quiz was conducted to improve and test participants' knowledge about green energy.

The quiz consisted of 10 Multiple Choice Questions about different topics related to Green Energy. A total of 131 students from various schools/ colleges attempted the quiz and received the certificates upon satisfying the passing criteria.



**Flyer of Quiz on green energy**

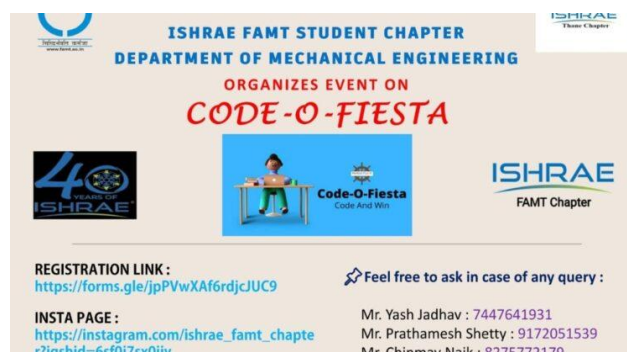
The program was coordinated by FAMT ISHRAE Students Chapter under the guidance of Faculty Advisor Prof. V S Bagade and Prof. S U Mayekar, Dr M. S. Kirkire, Dean Academics and HoD Mechanical Department and Dr Kaushal Prasad, Principal.

## K-12 Activity : Code – O – Fiesta

ISHRAE FAMT Students Chapter conducted Code-O-Fiesta event on 16th October 2021 through Google meet. The webinar was conducted to improve knowledge about computer programming.

Nearly 49+ students from various schools/colleges of Chiplun, Ratnagiri attended the webinar. Mr Yash Jadhav briefly introduced the program. The speakers of the session were Purnashree Pawar and Ms Prajakta Thakur who delivered an interesting and thought-provoking address to the students. At the end of the session, Ms Prajakta Thakur expressed a vote of thanks. Certificates were distributed to all participants.

The program was coordinated by FAMT ISHRAE student members under the guidance of Faculty Advisors Prof. V. S. Bagade and Prof. S. U. Mayekar, Dr M. S. Kirkire, Dean Academics and HoD Mechanical Department, Dr. Kaushal Prasad, Principal.



**Flyer of CODE-O-FIESTA**

# Programs Organized by department

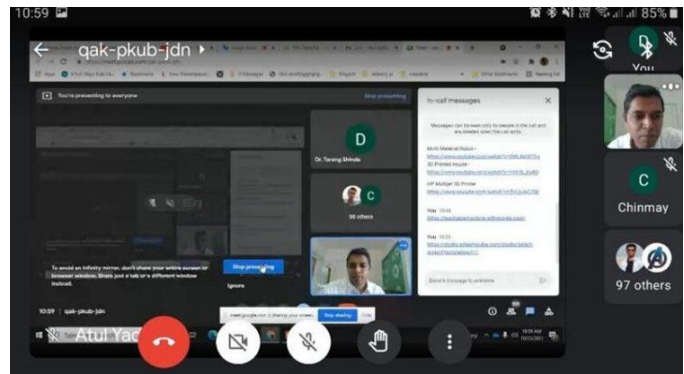
## A Webinar on Rapid Prototyping 3D Printing and Tiny Machine Learning

The Department of Mechanical Engineering planned a webinar for the students by an industry expert. Mr. Atul Yadav (Project Manager, Infosys) delivered a Webinar on Rapid Prototyping-3D Printing and Tiny Machine Learning, on Saturday 23rd October 2021 at 10 AM through Google Meet.

Mr. Atul Yadav has completed his graduation in Mechanical Engineering and is currently working with Infosys, Pune as a Project Manager. He has 18+ years of experience spanned mainly in Infosys and SKF Bearings. The webinar was started with an introduction of the keynote speaker by Dr. Tarang Shinde (Associate Professor, Mechanical Engineering Department).

Mr. Atul Yadav, during his session, explained 3D printing technologies along with details about Tiny Machine Learning. He explained about scope, basic concepts and knowledge about the application of 3D Printing, Machine Learning and its applications. The takeaway of the talk was to the subject content of the mechanical branch that is important for a career in this specific domain. He shared his experience in the corporate field and organization. He also explained the type of skill sets that are required to build a career in the same domain and Infosys Placement activities.

From the Department of Mechanical Engineering, a total of 98 students participated in the webinar. Dr Tarang Shinde and Prof. P. R. Kamble from the Mechanical Engineering department organized this event.



Mr. Atul Yadav Explaining students

## ISHRAE Activity: A Quiz on Semi-Conductor Chips

ISHRAE FAMT Students Chapter conducted a quiz on Semi-Conductor Chips On 7<sup>th</sup> December 2021 via Google Form to improve the knowledge about Semi-conductor Chips.

It has been more than 18 months, and the global semiconductor chip shortage that started last year, is still plaguing various industries. We thought this is an opportunity to spread awareness about various semiconductor devices. 37 students from various schools and colleges attended the quiz and gained valuable knowledge which will help them in future while working in the industry. We all FAMT ISHRAE Members worked together as a team to make this quiz successful.



Flyer of quiz competition

# Programs Organized by department

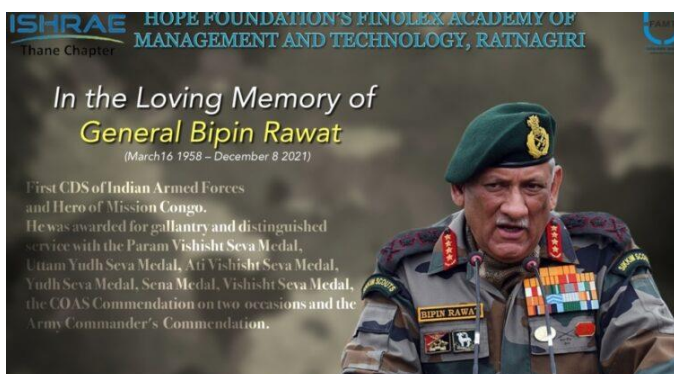
The quiz was coordinated by FAMT ISHRAE student members under the guidance of Faculty Advisor Prof. V S Bagade and Prof. S U Mayekar, Dr M. S. Kirkire, Dean Academics and HoD Mechanical Engineering Department, and Dr Kaushal Prasad, Principal.

## ISHRAE Activity: In the Loving Memory of CDS General Bipin Rawat

ISHRAE FAMT Students Chapter conducted a program – In the loving memory of “General Bipin Rawat” on 14th December 2021 on Google Meet.

The program was conducted to inform and achievements about General Bipin Rawat sir. The program was between 3.15 pm- 4.15 pm. There were nearly 50+ students from our college. Yash Jadhav gave a brief introduction to that program. At the end of the session, Yash Jadhav expressed a vote of thanks.

The program was coordinated by FAMT ISHRAE student members under the guidance of faculty advisor Prof. V S Bagade and Prof. S U Mayekar, Dr. M. S. Kirkire, Dean Academics and HoD Mechanical Department, and Dr. Kaushal Prasad, Principal.



Flyer of event



# Faculty Achievements

## **Dr. Milind S. Kirkire**

- Resource Person for the session on 'Maintenance 4.0: The unknown knowns. Challenges and opportunities of industry 4.0 techniques scope in manufacturing industries and manufacturing systems in Pillai HoC College of Engineering and Technology. Rasayani on 26<sup>th</sup> Aug 2021.
- Received Top 20 Eminent Deans in India award on 30<sup>th</sup> July 2021
- Completed ATAL FDP on Innovation Management conducted by Bharti Vidyapeeth Institute of Innovation and Entrepreneurship Management, Pune on 20<sup>th</sup> to 24<sup>th</sup> Sept 2021
- Published a paper on Modelling barriers to Sustainable Supply Chain Management from Industry 4.0 perspective in international conference on Industrial Engineering and Management (ICIEM 2021).
- FDP Convenor for Dimensional Management: as per ASME Y 14.5 Standards arranged by FAMT on 5<sup>th</sup> to 10<sup>th</sup> July 2021.

## **Dr. Shashikant S. Goilkar**

- Completed ATAL FDP on Green Technology & Waste Management: The era of Advance conducted by C. V. RAMAN GLOBAL on 23<sup>rd</sup> to 27<sup>th</sup> Nov 2021.

## **Prof. V. Muralimohan**

- Completed FDP on Modeling & Simulation in Matlab for Mechanical Engineering conducted by Rungta College of Engineering & Technology, Bhilai on 6<sup>th</sup> to 10<sup>th</sup> Dec 2021.
- Completed FDP on Product Design conducted by National Institute of Technical Teachers' Training and Research on 13<sup>th</sup> to 17<sup>th</sup> Dec 2021.
- Completed FDP on ROBOTICS conducted by Sri Venkateswara University College of Engineering, Tirupathi on 20<sup>th</sup> to 24<sup>th</sup> Dec 2021.
- Attended webinar on Technology - How it is going to impact Education in the Future? Conducted by K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai-22 on 6<sup>th</sup> June 2021.

## **Prof. Vikram S. Chougule**

- Completed ATAL FDP on Sustainable Development Through Bamboos conducted by Alamuri Ratanmala Institute of Engineering on 17<sup>th</sup> to 21<sup>st</sup> Sept 2021.

# Faculty Achievements

## **Prof. Sachin S. Mestry**

- Completed ATAL FDP on Electric Vehicle Technology: Challenges and Business Opportunity conducted by National Small Industries Corporation on 8<sup>th</sup> to 12<sup>th</sup> Nov 2021.
- Completed ATAL FDP on IoT based Condition Monitoring conducted by VJTI, Mumbai on 6<sup>th</sup> to 10<sup>th</sup> Dec 2021

## **Prof. Gayatri J. Abhyankar**

- Completed FDP on Dimensional Management (Geometric Dimensioning and Tolerancing) as per ASME Y 14.5 Standards conducted by 05<sup>th</sup> to 10<sup>th</sup> July 2021.
- Completed ATAL FDP on Innovation Management conducted by Bharti Vidyapeeth Institute of Innovation and Entrepreneurship Management, Pune on 20<sup>th</sup> to 24<sup>th</sup> Sept 2021.
- Completed ATAL FDP on Challenges, Opportunities of industry 4.0 Techniques scope in manufacturing Industries and manufacturing systems conducted by Pillai HOC College of Engineering and Technology on 24<sup>th</sup> to 28<sup>th</sup> Aug 2021
- Completed FDP on Excellence in Higher Education: - Perspective of NEP conducted by Bharatiya Vidya Bhavan's Sardar Patel College of Engineering and Federation of Education Leaders and Administrators (FELA) in collaboration with SAE India Western Section and IIIE SPCE Student Chapter under IQAC SPCE on 18<sup>th</sup> Dec 22<sup>nd</sup> Dec 2021.
- Completed STTP on Recent Trends in Renewable Energy Sources and Applications conducted by RGIT, MUMBAI, on 5<sup>th</sup> to 10<sup>th</sup> July 2021.

## **Prof. Abhilasha S. Jadhav**

- Completed ATAL FDP on Sustainable Development Through Bamboos conducted by Alamuri Ratanmala Institute of Engineering and Technology, Shahapur on 17<sup>th</sup> to 21<sup>st</sup> Sept 2021
- Completed FDP on Dimensional Management (Geometric Dimensioning and Tolerancing) as per ASME Y 14.5 Standards conducted by FAMT, Ratnagiri, on 5<sup>th</sup> to 10<sup>th</sup> July 2021
- Completed FDP on Green Buildings and Built Environment conducted by CII-IGBC, Hyderabad on 25<sup>th</sup> to 29<sup>th</sup> Oct 2021
- Completed FDP on Recent Trends in Renewable Energy Sources and Applications conducted by RGIT, Mumbai on 5<sup>th</sup> to 10<sup>th</sup> July 2021

# Faculty Achievements

## **Prof. Amar S. Yekane**

- Completed ATAL FDP on Weste Technology Conducted by NATIONAL POWER on 2<sup>nd</sup> to 6<sup>th</sup> Aug 2021
- Completed ATAL FDP on Clean Energy Manufacturing: Transformation for Sustainable Development conducted by Training Institute-Shivpuri on 4<sup>th</sup> to 8<sup>th</sup> Oct 2021
- Completed STTP on Quality Control & Quality Assurance in MSME conducted by MSME, Government of India on 24<sup>th</sup> July 2021

## **Prof. Jayesh S. Anavkar**

- Completed FDP on Electric Vehicle Technology: Challenges and Business Opportunity conducted by National Small Industries Corporation on 8<sup>th</sup> to 12<sup>th</sup> Nov 2021
- Completed ATAL FDP on Electric Vehicle Engineering conducted by NITTR Chennai on 25<sup>th</sup> to 29<sup>th</sup> Oct 2021
- Completed FDP on MATLAB: An Effective Tool for Academics and Research conducted by Laxminarayan Institute of Technology, R.T.M. Nagpur University on 5<sup>th</sup> to 9<sup>th</sup> July 2021
- Completed ATAL FDP on Dimensional Management (Geometric Dimensioning and Tolerancing) as per ASME Y 14.5 Standards conducted by Department of Mechanical Engineering in Association with Mechatol Product Engineering Solutions Pvt. Ltd. Pune on 5<sup>th</sup> to 10<sup>th</sup> July 2021
- Completed certificate course on Innovation Ambassador Training Foundation level conducted by MoE's Innovation Cell & AICTE on 30<sup>th</sup> June 2021

## **Dr. Tarang R. Shinde**

- Completed ATAL FDP on Processing of Novel Materials conducted on 22<sup>nd</sup> to 26<sup>th</sup> Nov 2021
- Published a paper on Effect of Deep Cryogenic Treatment on Corrosion Behavior of AISI H13 Die Steel on 18<sup>th</sup> Dec 2021

## **Prof. Vikram V. Nagale**

- Completed ATAL FDP on Robotics and Automation conducted by Government Engineering College, Modasa on 20<sup>th</sup> to 24<sup>th</sup> Dec 2021

## **Prof. Tushar V. Kavatkhar**

- Completed ATAL FDP on IoT based Condition Monitoring conducted by VJTI, Mumbai on 6<sup>th</sup> to 10<sup>th</sup> Dec 2021
- Completed ATAL FDP on Research Methodology & Optimization Techniques conducted by Government Polytechnic, Nashik on 13<sup>th</sup> to 17<sup>th</sup> Dec 2021



# Faculty Achievements

## **Prof. Rushikesh M. Rasal**

- Completed ATAL FDP on Additive Manufacturing in Industry 4.0 Strategy conducted by National Institute of Technology Andhra Pradesh on 6<sup>th</sup> to 10<sup>th</sup> Dec 2021

## **Prof. Abhijit M. Date**

- Attended workshop on Introductory course on FEAST- Indigenous Finite Element Analysis of Structures conducted by SVR Infotech, Pune on 21<sup>st</sup> to 22<sup>nd</sup> Dec 2021
- Completed FDP on Research Excellence and Academic Development conducted by Sri Ramakrishna College of Arts and Science on 1<sup>st</sup> to 8<sup>th</sup> Sept 2021
- Completed ATAL FDP on Alternative fuel conducted by Government Engineering College, Modasa on 22<sup>nd</sup> to 26<sup>th</sup> Nov 2021
- Completed ATAL FDP on Alternative fuel conducted by Goa College of Engineering on 6<sup>th</sup> to 12<sup>th</sup> Dec 2021
- Attended webinar on Electric Vehicles: Your Opportunity to Grow conducted by Virtual Event-Udgam, An initiative by HPCL on 15<sup>th</sup> Dec 2021

## **Prof. Mandar S. Padhye**

- Completed STTP on Simulation Software Tools for Researchers with Impactful Writing Research Publications conducted by STES's Sinhgad College of Engineering, Pune, Maharashtra on 2<sup>nd</sup> to 13<sup>th</sup> Aug 2021

## **Prof. Priyanka A. Date**

- Attended workshop on Mechatronics, Robot Automation and Industrial IoT conducted Virtually by FANUC India Online Webex on 15th Dec 2021
- Attended workshop on Introductory course on FEAST- Indigenous Finite Element Analysis of Structures conducted Virtually by SVR Infotech, Pune on 21st to 22nd Dec 2021
- Completed ATAL FDP on Challenges, Opportunities of industry 4.0 Techniques scope in manufacturing Industries and manufacturing systems conducted Virtually by Pillai HOC College of Engineering and Technology on 24th to 28th Aug 2021

## **Prof. Priyanka A. Date**

- Completed FDP on Research Excellence and Academic Development conducted by Sri Ramakrishna College of Arts and Science on 1<sup>st</sup> to 8<sup>th</sup> Sept 2021
- Completed ATAL FDP on W.O.M.E.N. (Weaver of Optimism, Motivation, Empowerment & Nurturing Pillars of Society) conducted Virtually Birla Vishvakarma Mahavidyalaya Engineering College (BVM) on 15<sup>th</sup> to 19<sup>th</sup> Nov 2021

# Faculty Achievements

## **Prof. Priyanka A. Date**

- Completed ATAL FDP on Nanodevices and Advanced Nanomaterials conducted Virtually by Sikkim Manipal Institute of Technology on 6<sup>th</sup> 10<sup>th</sup> Dec 2021
- Attended webinar on Building a Resilient ecosystem through Critical Event Management - Innovations and Manufacturing conducted virtually by APAC Digital Innovations News Network Pvt. Ltd (APAC News Network) on 8<sup>th</sup> Dec 2021
- Attended webinar on Electric Vehicles: Your Opportunity to Grow conducted Virtually Event-Udgam, An initiative by HPCL on 15<sup>th</sup> Dec 2021

# Awards



## **Dr. Milind S. Kirkire**

- Received Top 20 Eminent Deans in India award on 30<sup>th</sup> July 2021.