



**SHRI GAJANAN SHIKSHAN SANSTHA'S
SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING
SHEGAON-444203(M.S.),INDIA**

Department of Mechanical Engineering SSGMCE, Shegaon

NEWSLETTER SPRING SEMESTER 2021-22

ABOUT THE DEPARTMENT OF MECHANICAL ENGINEERING

Department of mechanical engineering of SSGMCE Shegaon is one of the most reputed departments in terms of facilities & faculties. For the overall development of students department organizes various activities such as guest lectures, workshops, short term training programs and industrial visits. Also to have practical exposure department motivate students to participate in national, international and inter college events. To upgrade knowledge of faculties department has been working on industry institute interaction. All these activities are summarized in departmental news letter for every academic year.

VISION

To develop quality mechanical engineers, researchers and entrepreneurs with commitment for excellence, learning enthusiasm, ethical behavior and serving the society.

MISSION

- To impart fundamental knowledge of Mechanical Engineering to the students through the excellent learning experience and provide a platform for Higher Education.
- To offer Industry Institute Interface, interdisciplinary knowledge, and value-based education for the overall development of students.
- To enhance research, next-gen skills, and entrepreneurship abilities of the students to solve social problems

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

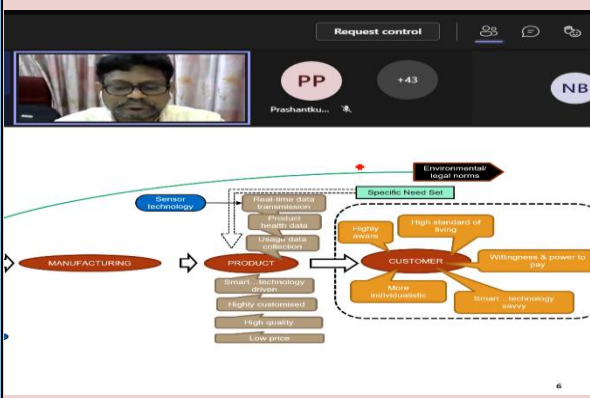
- Engage in creating, designing, manufacturing, analyzing, testing, and maintaining the systems of Mechanical Engineering and allied branches of engineering.
- Solve the problems of societal importance by applying fundamentals of mechanical engineering & pursuing higher education, research in the domain of mechanical Engineering.
- Imbibe ethical values & skills for lifelong learning to work effectively as a part of a team member, leading a team in a multidisciplinary setup.



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ACTIVITIES AT DEPARTMENT



AICTE-ISTE Sponsored Faculty development program (FDP) on Advanced Materials & Manufacturing for Industry 4.0 organized for faculty members and research scholars of various corners of India by online mode. Many renowned resource people have contributed for this FDP program conducted during 22-28 Feb 2022.

Workshop on Basics of programming language Python conducted during 10-31 Mar 2022 for two weeks at the department of mechanical engineering for 76 students. The course has been conducted for second year mechanical engineering students.



Webinar on "EV Power train, Architecture & Energy Storage" conducted by Mr. Amol Sonawane and his team members on 10 March 2022 for faculty members and students of final year mechanical engineering department. Number of participants benefited by this program are 34 including 24 students and 10 faculty members. Mr. Amol has given all insights technical parameters used in EV power train.

Webinar on "Opportunities for Mechanical Engineering. Students after COVID Pandemic" conducted for 67 students of mechanical engineering department in the month of February 2022. Mr. Sunil Nand has discussed many case studies with final year students to tackle the post COVID Pandemic situation coming in the general scenario of the market.



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FACULTY DEVELOPMENT PROGRAM

- FDP on ATAL FDP on EV charging station for vehicles at Government Engineering College Thrissur by Mr. S Q Syed during 21-25 Feb 2022
- “Inculcating Universal Human Values in Technical Education” Organized by AICTE 4/4/22 to 8/4/22 attended by Dr. J G Khan.
- “Recent Trends in Life Skills Management (online mode) organized by REST Society for Research International (RSRI),Tamil Nadu, India attended by Mr. M B Bhambere during 21-26 March 2023.
- Recent Trends in Life Skills Management (online mode) organized by REST Society for Research International (RSRI),Tamil Nadu, India attended by Prof M B Bhambere 21 March 22 to 26 March 22.
- Numerical Simulation Application using Simulation Software from Organized by D Y Patil College Of Engineering, Akurdi, Association with an Industry CAD CAM BDRIGE Solution Pvt. Ltd,Pune attended by Mr. A S Bhaule during 16-18 Feb 2022.

DEPARTMENTAL ACTIVITES

- Guest lecture on “Idea for Development of product strategy and product development” conducted by Mr. Sunil Nand for the students and faculty of department of mechanical engineering on 20 may 2022 for 58 students..
- Webinar on "Skill Development Program by Wadhvani Foundation" conducted by Dr. Santosh Bothe Principal, Saraswati College, Shegaon Third & Final Year Students of Mechanical engineering department on 22 feb 2022 for 97 students.
- Webinar on “Awareness of Intellectual Property Rights” for all faculty members of department of mechanical engineering May 2022.

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