



**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 2019-20**

### **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 offer technical and spiritual environment for unique learning experience in Mechanical Engineering.
- To provide value based technical education and disseminate knowledge to improve the quality of human life.
- To impart training, research, entrepreneurship abilities and skills to have all round development of the students.

### **PROGRAM EDUCATIONAL OBJECTIVES (PEOS)**

- To impart excellent education in Mechanical Engineering to have all-round development of students in order to serve the global society
- To develop the ability of the students to apply fundamentals and principles of Mechanical Engineering to solve any new problem in field of engineering.
- To make the students aware about the importance of multidisciplinary engineering approach.
- To develop the techno-commercial skills like research aptitude and entrepreneurship ability to cater the societal problems



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ACTIVITIES AT DEPARTMENT



MESA had organized "One Day workshop on 3D PRINTING" on 24.2.2020, by Er.Vijay kumar. students got the hands on training on 3D Printers during the workshop coordinated by S Q Syed.

Two days Product Development workshop by Mr. Kamlesh Pande Ex. V.P. M&M ,Pune Durring 7 th to 8th of February 2020 for 3<sup>rd</sup> and 4<sup>th</sup> Year Mechanical engineering students coordinated by Prof K. R. Gandhare.



MESA had organized "Hands on Workshop on assembly and disassembly of Refrigerator and AC compressor" and " Hands on Workshop on Turbocharger and Diesel Exhaust system" on 25/2/2020. Coordinated by Prof. S Q Syed.



5 days workshop on workshop had organized by online zoom meeting for mechanical engineering faculty members during 14<sup>th</sup> to 18<sup>th</sup> April 2020 coordinated by Prof K R Gandhar





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### ACHIVEMENTS



SSGMCE Mechanical engineering Team has secured 5th Rank in BAJA SAEINDIA 2020 Competition organized by Mahindra at Chitkara Uni., Punjab from 2nd to 6th March 2020.

### Training programs

- 05 Days Faculty Development Program on “**Current Trends in Industry**” organized by Dr.D.Y.Patil Institute of Engineering, Management and Research,Akurdi,Pune from 4.5.2020 to 8.5.2020 attended by S Q Syed.
- One Week STTP on emerging trends in research methods attended during 8<sup>th</sup> June -13 June 2010 by Prof M B Bhambere organized by REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu, India
- One Week online FDP on Creating A Learning Organization Through Outcome-Based Measures by Shri Sant Gajanan Maharaj College of Engineering, Shegaon In Association with MAITRI, Pune attended by all faculty members of mechanical engineering department.
- STTP On Latest Trend in Mechanical Engineering and Technology during 26<sup>th</sup> -30 may 2020 by Prof. A S Bharule.
- AICTE sponsored workshop on "Exam reforms" had attended online by Prof K D Gadgil.
- Research Methodology tool and Techniques, Priyadarshani College of Engineering Nagpur

### COMPETITIVE EXAMINATION GUIDANCE





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### Faculty Development Programs

- Workshop on Creating Outcome based Learning Organization Organized by MAITRI and SSGMCE during 11<sup>th</sup> June to 12<sup>th</sup> June, 2020 attended online by Prof. P T Patokar.
- One week STTP on statistical analysis in SPSS software organized by RSRI during 1<sup>st</sup> June to 6<sup>th</sup> June, 2020 attended online by Dr. S P Trikal.
- FDP on “Low frequency NVH fundamentals and industrial applications” has attended by Prof C V Patil.
- One Week online FDP on Introduction of Accreditation Mechanism and NBA Approach by Dr.V.B.K.College of Engineering Malkapur attended by Dr. J.G.Khan.
- 5 Day Faculty Development Program on “ NAAC awareness programme for faculty” organized by MMIT Lohegaon Pune from 8.5.2020 to 14.5.2020 attended by Prof. S. Q. Syed.

### FACULTY PUBLICATIONS

- Research paper published by Prof K V Chandan in Scopus Index journal on NO<sub>x</sub> Reduction with Coherence of Particulate Matter for Single-Cylinder Diesel Engine Using Proportional EGR Technique Advances in Energy Research, Vol. 2 pp 745-752].
- Research Paper published by Prof. N B Borkar Scopus Index journal on “Qualitative And Quantitative Analysis Of Friction Stir Welding Of 6111-T4 Alloy Joint With Preheating" vol 10 , issue 3 may 2020.
- Research Paper published by Dr. S P Trikal on Optimization of milling process parameters Under MQL” Volume 09 Issue 2, March 2020.

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