






Sr. No.	Photo		Nature of Event	Date	Description
1			Hands-on training on LaTeX	1/11/2019	<p>LaTeX is a document preparation system for high-quality typesetting, which is preferably used for technical/scientific papers writing for journals by researchers, engineers, and mathematicians at large. The typesetting system offers programmable writing features and extensive facilities for automating most aspects of typesetting.</p> <p>This training provided a comprehensive theoretical and hands-on practical experience on LaTeX to the beginners.</p>
2			seminar on "Aluminium-Silicon Cast Alloy: Processing and Characterization"	9/10/2019	<p>Al-Si alloys have been found most promising for production of cast components and MMC development for various industrial applications due to its lighter weight. There is a wider scope of improvement in primary and secondary processing of these alloys. This one day seminar will help students, teachers and researchers to widen knowledge and awareness on the research perspectives in the processing of Al-Si alloys and importance of its characterization.</p>
3			Workshop on Solidworks	19/9/2019	<p>SOLIDWORKS is a software tool that is used right from the conceptualization of the design until the final manufacturing of the product. As the world's leading tool in designing, it supports interactive learning of 3D modeling. The implementation of such software can lend several benefits to the users, such as shortened Design Cycle, Increased Productivity of Engineers and Designer and 4Faster Deliver Innovative Products.</p>

				The workshop will help students to use the software with 8 confidence and design/draft the next innovative things.
4		Workshop on Fusion 360	18/09/2019	<p>Fusion 360 is a cloud-based 3D CAD, CAM, and CAE platform for product development. It combines industrial and mechanical design, simulation, collaboration, and machining in a single package. The tools in Fusion 360 enable fast and easy exploration of design ideas with an integrated concept-to-production toolset. The main objective of this workshop is to provide exposure about the various features of Autodesk Fusion 360 (Including: SolidModeling, SurfaceModeling, Collaboration, Data & Process Management, Conceptual Design, Machining, Mechanical Design, Simulation, Visualization & Rendering)</p>
5		<p>Poster presentation on “Effective Ways to Make Yourself More Employable”</p>	13/02/2019	

6			Creative Model Exhibition 2019	13/04/2019	<p>The aim of this exhibition is to encourage students for preparing and taking participation with innovative ideas to solve basic problems of society.</p> <p>Students of mechanical engineering department have participated in creative model exhibition with creative models and try to solve basic problems with innovative logics.</p>
7			Fluid Mechanics Mini Project Exhibition-2019	13/04/2019	
8			workshop on "Research trends in renewable energy sources"	19-07-2018 to 20-07- 2018	<p>The workshop “Research trends in Renewable energy sources” consisting two days including expert talk on the topic by imminent experts from industry as well as academia to throw light upon the need for the alternate energy sources. Mr. Shreelal Jha who has worked since years in the field of wind power generation, who is also inventor of smallest wind power generator, has shared his experience and his journey towards the implementation of such system under the government sector. Dr. Dhaval Vankhade, who has pursued his doctorate in the field of solar thin film development, has shared views on the equipment to produce thin film coating. On the second day of the workshop, a visit to Seva Muni</p>

				<p>Ashram, Goraj, Vadodara was arranged, where students and the participants could see actual implementation of the renewable sources like solar panels, solar cookers, bio gas plants, sewage system, and all of them were running through the power generated through solar. Furthermore, the interaction between students and experts has helped the participants to clear their thoughts and gave direction of the research area to work upon for their betterment of the future. This workshop did not only spread awareness about the need for renewable sources but also helped to approach for the same with broader view.</p>
9		<p>workshop on "Know Your Vehicle"</p>	<p>05/04/2018 to 06/04/2018</p>	<p>Theoretical hands on problem resolving techniques in routine with many automobiles learning like engine system, combustion system, and many more. Knowledge sharing about automobile transmission system, brake and clutch and other assemblies. Automobile part inspection and discussion.</p>

10		Seminar on "Career Growth through Six Sigma"	17/07/2018	<p>In this workshop research scholar, faculties and students from our Universities were participated. Experts talk and exercise session was organized to explore the various aspects of Six Sigma & its importance in current trend for a mechanical engineer.</p> <p>During workshop following topics were discussed</p> <ul style="list-style-type: none"> • Why candidate should go for Six Sigma Certification? • Lean Six Sigma Program • Lean Tools • Six Sigma as Philosophy • DMAIC Approach <p>Mr. Hiren Kakkad and Tarun Gajjar Sr. Consultant- at M/S. CONCEPT BUSINESS EXCELLENCE PVT. LTD. Were the Chief Guests as well as Main speakers for the event.</p>
11		One week Mechanical Engineer Skill Development Program	10/02/2018 to 31/03/2018	
12		workshop on "Digitalization of Manufacturing" (3D printing)	06/02/2018	