



**SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**REPORT OF THE EVENT**

**Event Name:** Guest Lecture On Penetration Removal Techniques

**Date:** 22-03-22

**Co Ordinator:** N Jahnavi Chandrika

**Resource Person:** T. Deepak

**Participants:** 37

**Duration:** 1 Day

**Brief Description:**

The Guest Lecture Was Organized On Penetration Removal Techniques .The Resource Person Illustrated The Students On different Penetration Removal Techniques. The Students Could Learn About The Significance Of Penetration Removal In Manufacturing Testing.Excessive or incomplete penetration weakens the joint. Removal techniques are important to maintain the strength of the material.



**COORDINATOR**

**HOD**





... Empowering Minds

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING

**Report of the Event**

**Event Name:** Guest lecture on PRESENT SCENARIO OF OPPORTUNITIES IN INDUSTRY, EMPLOYABILITY SKILLS FOR BUDDING ENGINEER

**Date(s):** 30-09-2021

**Coordinator:** V Satish Kumar

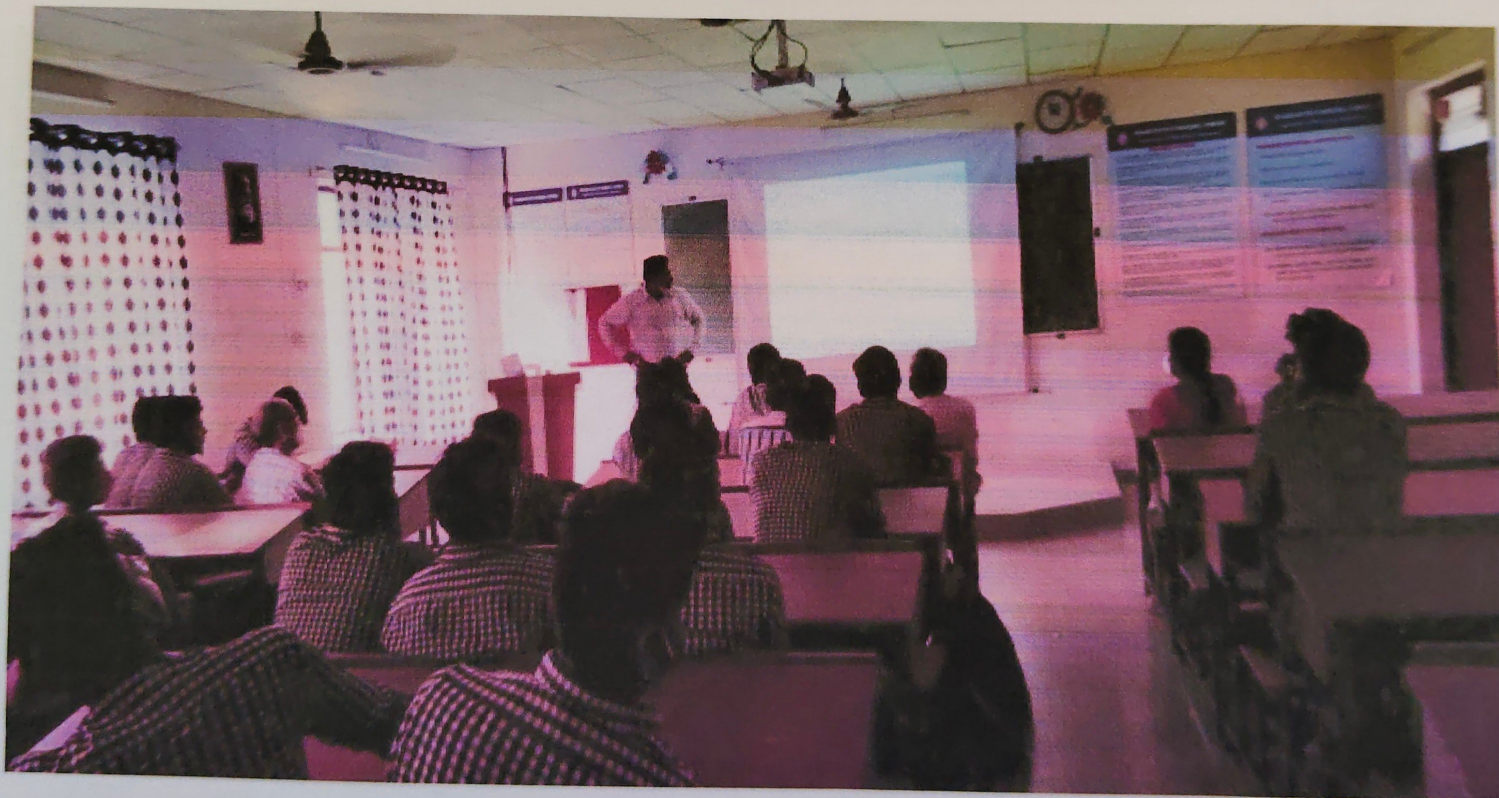
**Resource person(s):** Shri PVSaiDhatt

**Participants:** 45

**Duration:** 3 Hours

**Brief Description:**

A Guest Lecture on "Present Scenario of Opportunities in Industry & Employability skills for Budding Engineers" was conducted by Sri.P.V.SaiDhatt, General Manager, SSD polymers for fourth year students. He enlightened the students regarding current job market and different employment opportunities.



*V. Satish Kumar*  
COORDINATOR

*P.V. Sai Dhatt*  
HOD





SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING  
A.Y: 2021-22

**Report of the Event**

**Event Name:** Quality Control Techniques

**Date(s):** 07-03-2022

**Coordinator:** V Satish Kumar

**Resource person(s):** DR.A.Kirankumar

**Participants:** 41

**Duration:** 2 Hours

**Brief Description:**

A guest lecture on Quality control techniques was organized with resource person as Dr A Kiran Kumar. The speaker lectured on importance of quality control techniques in industry. He explained different quality control tools used viz. 7 QC tools, SQC , TQM etc . Quality control techniques find applications across various industries.



*V. Satish Kumar*  
COORDINATOR

*Dr. A. Kiran Kumar*  
HOD





**SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**A.Y: 2021-22**

**Report of the Event**

**Event Name: Strip layout design**

**Date(s): 25-12-2021**

**Coordinator: Ch.Anusha**

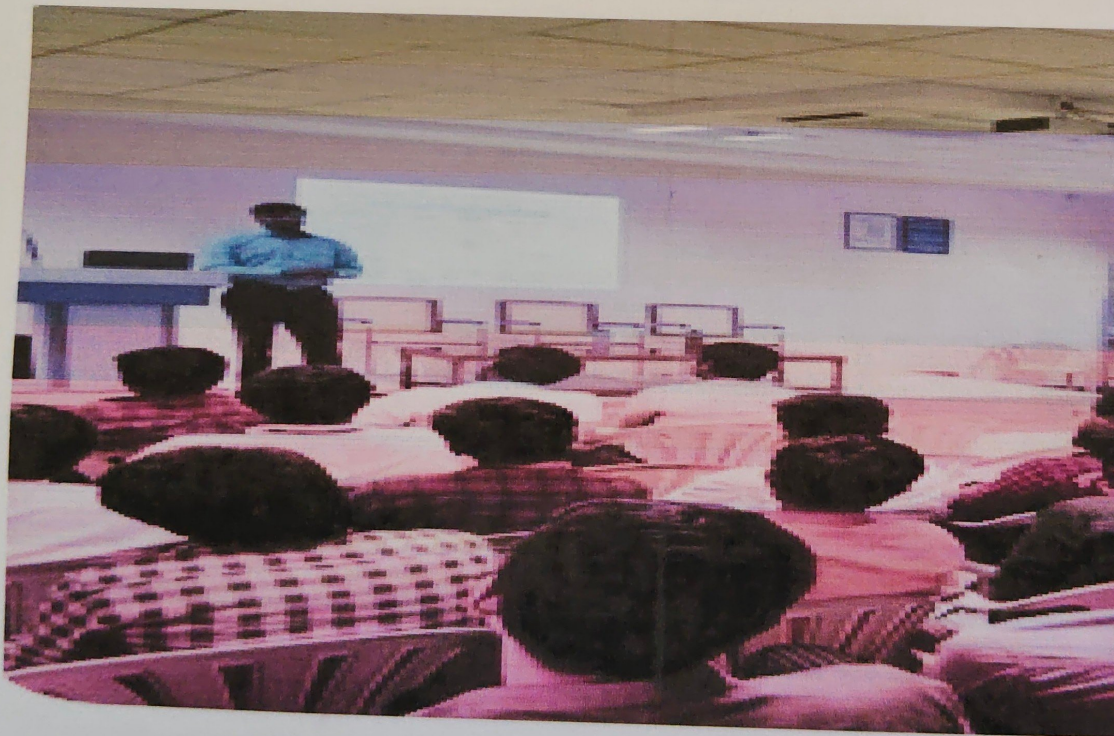
**Resource person(s): A.Rajesh**

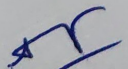
**Participants: 40**

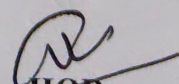
**Duration: 2 Hours**

**Brief Description:**

Planning the arrangement of components on a metal strip for sheet metal operations like punching or blanking, optimizing material usage, reducing waste, and improving production efficiency in progressive die manufacturing processes. The speaker illustrated various steps in strip layout design and different methods of strip layout design.



  
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**HOD**





**SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**Report of the Event**

**Event Name:** Guest lecture on Cooling Curves

**Date(s):** 09-03-2022

**Coordinator:** Mrs.Ch.Anusha

**Resource person(s):** Shri G. Karun Kumar

**Participants:** 40

**Duration:** 3 Hours

**Brief Description:**

Shri G karun Kumar delivered a lecture on cooling curves for pure metals and alloys. He explained in detail the interpretation of cooling curves of metals. The students could broaden their knowledge about their subject and it improved their understanding of metallurgy. Curves for natural cooling based on Newton's law of cooling have also been developed and used.

**Photos:**



  
**COORDINATOR**

  
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## SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

### DEPARTMENT OF MECHANICAL ENGINEERING

#### Report of the Event

**Event Name:** Guest lecture on Drawbacks Of Mechanical Vibration

**Date(s):** 21-12-2021

**Coordinator:** P Bhargav Kumar

**Resource person(s):** Mr L Ramesh

**Participants:** 29

**Duration:** 3 Hours

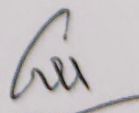
**Brief Description:**

The speaker explained different drawbacks of mechanical vibration. He threw light on how mechanical vibration can impact efficiency cause wear and tear of parts. He also explained how exposure to prolonged vibration cause health hazards. Students participated in the lecture found it useful.

**Photos:**



  
COORDINATOR

  
HOD





**SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**Report of the Event**

**Event Name:** Variation Of Velocity An Acceleration Of Piston On Velocity, Acceleration Of Water In Pipes

**Date(s):** 24-11-2021

**Coordinator:** P. VijayaKanth

**Resource person(s):** Dr.M.Srinivas

**Participants:** 47

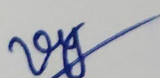
**Duration:** 3 Hours

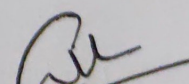
**Brief Description:**

Variation of velocity and acceleration of a piston affects the flow characteristics of water in pipes. As the piston moves, it creates unsteady flow, causing changes in water velocity and acceleration. These fluctuations influence pressure, energy losses, and potential water hammer effects, which are critical in designing hydraulic systems and ensuring pipe integrity.

**Photos:**



  
**COORDINATOR**

  
**HOD**





SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING

**Report of the Event**

**Event Name:** Guest lecture on worm and worm gears

**Date(s):** 04-01-2022

**Coordinator:** P Bhargava Kumar

**Resource person(s):** Sri. D.KIRAN PRASAD

**Participants:** 28

**Duration:** 2.5 Hours

**Brief Description:**

Shri D.Kiran Prasad delivered a lecture on worm and worm gears. He illustrated the importance of worm wheels in the design of machines. He educated the audience various applications of worm gears. Worm and worm gear sets are used to transmit motion and power between non-intersecting, perpendicular shafts.

**Photos:**



  
COORDINATOR

  
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