



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

(Unit of Alva's Education Foundation (R), Moodbidri)

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Shobhavana Campus, MIJAR-574225, Moodbidri, D.K., Karnataka

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DEPARTMENT OF MECHANICAL ENGINEERING

TECHNICAL FORUM ACTIVITIES 2022-23



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DEPARTMENT OF MECHANICAL ENGINEERING

TECHNICAL FORUM ACTIVITIES 2022-23 (ODD SEM)

ACTIVITIES HELD DURING ACADEMIC YEAR 2022-23 (ODD SEMESTER)

SL .NO.	EVENT TYPE	DATE	TITLE OF THE EVENT	RESOURCE PERSON	MODE
1	Technical Talk	04/11/22	Innovations In Designing Of Electric Vehicle	Mr. Rakesh, Vehicle Designer, MAGARITA TECH, New Delhi	Online
2	Technical talk	5/12/22	Brief over view of NDT	Sri. B.S Venkata Subramaniyan, NDT Coordinator, Training and certification superintendent	Off line
3	Technical talk	6/12/22	Reliability of NDT	Sri. Ganesh Thahashildar, Quality manager, V & G testing Laboratories, Pvt. Ltd.	Off line
4	Site visit & demonstration	13/12/2022	Demonstration on Fire Safety	Fire & emergency services Department , moodabidri	Off line
5	Technical Talk	16/12/22	Career Management in Mechanical Engineering	Mr. Gajanan Shridar hegde, Head of Electrical and instrumentation, JSW	Off line
6	Technical Talk	19/12/2022	Electrical explosion phenomenon and it's application on Synthesis of Carbon Nano materials	Dr. Xin Gao, Assistant Professor, Shock Physics & amp, chemistry lab, state key, Beijing Institute of Technology, Beijing, China.	Online
7	Technical Talk	25/01/2022	Research and Job opportunities in United States of America	Dr. Codrik John Martis Quality & development Project controls & Qualification Engineer, Big River Steel. Osceola.	Off line

“A TECHNICAL TALK ON “BRIEF OVERVIEW OF NON DESTRUCTIVE TESTING”



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Department of Mechanical Engineering

To

Date 01/12/22

IQAC Chairman

AIET, Mijar

Respected Sir

Sub: Seeking Permission to conduct a technical talk on

05/12/2022

We are happy to inform you that Department of Mechanical Engineering technical forum is conducting a technical talk on 05/12/22.

Title of the talk : **Brief Over view of Non destructive testing**

The details are mentioned below, kindly request you do the needful.

Resource person details


Name: **Sri. B S Venkata Subramaniyan**

Designation: **NDT coordinator (training & certification)**

Organization/Company/details: **V&G testing laboratories**

Venue: **CAMD lab**

Date/month/year: 05/12/2022


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DEPARTMENT OF MECHANICAL ENGINEERING

alet/Mech/AY2022-23/002

Date: 05/12/2022

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It is hereby informed to all that Department of Mechanical Engineering, is organising a Technical talk on "Brief Over view of Non destructive testing" is arranged on 05/12/22.

Venue: CAMD Lab

Talk By: Sri. B S Venkata Subramaniyan,

NDT coordinator (training & certification), V&G testing laboratories

It is mandatory for all Students to attend the technical talk


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“A TECHNICAL TALK ON “BRIEF OVERVIEW OF NON DESTRUCTIVE TESTING”



An inaugural ceremony of the workshop was conducted on 5/12/2022 by the department of Mechanical engineering at 10:30 am the invited guest was Sri. B.S Venkata Subramaniyan, NDT Coordinator, Training and certification superintendent and Sri. Ganesh Thahashildar, Quality manager, V & G testing Laboratories, Pvt. Ltd. The program was started by lighting a lamp and followed by the small talk by the chief guest Sri. B.S Venkata Subramaniyan mainly

focused on the opportunities for the upcoming mechanical engineering graduate. He gave proper direction to build the career. HOD addressed the gathering and told about all the upcoming talks/training/plans for the academic year 2023/24. The inaugural ceremony was concluded by giving a vote of thanks.

Soon after an inaugural ceremony a technical talk on “Brief overview of NDT” was conducted the speaker Sri. B.S Venkata Subramaniyan gave a brief introduction about the NDT, he explained all the basic concepts which is related to the NDT. He told about the various branches of the Non destructive testing those methods are visual Inspection, Film evaluation of Radio, Ultrasonic inspection, Dye penetrant Inspection and magnetic particle inspection. He also clearly explained about the difference between Non destructive testing and Destructive testing. He told about what V & G industry does V&G Provides qualified and experienced inspection for piping, welding, coating, civil and structure for industrial Inspections in India as well as abroad.

He focused on different types of NDT methods individually, the first method he explained was Liquid penetrant testing, it locates surface breaking defects in all Non-porous materials. It detects casting, forging, welding, surface defects. The various steps in this process are pre clean, apply penetrant, penetrant dwell, remove penetrant, apply developer. Evaluate indications, post cleaning parts. The next topic he focused was Ultrasonic testing in which it uses high frequency sound energy to conduct examinations and make the measurements here the size of the reflector plays a very important role if there is presence of the defect. In ultrasonic testing there are various types such as pulse echo where it sends out a pulse of energy and the same or a second transducer listens for the reflected energy. The next type is Normal and Angled beam where the sound beam is introduced into the test sample at 90 degree to the surface while in angled beam it was introduced to around 45 degree to the surface. The next type is Immersion technique when the test surface is placed in the water bath clearly the defects are identified. The next test he explained was Radiographic testing in this method the part is placed between radiation source and a piece of film the main part of this technique is x ray generators where we can detect the defects which is present on the surface. The next method the speaker explained was Gamma ray generators where it generates the gamma rays to detect the defect on the surface. He also explained about the Imaging Modalities and about the Image quality. Before the conclusion of the talk he told us

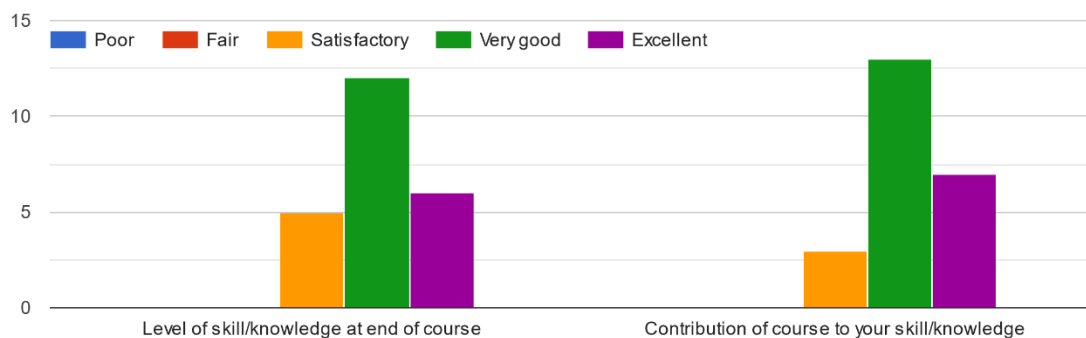
about the radiation safety and how the radiation will affect us and how serious the side effects are. Later he concluded the talk by saying that there is a huge opportunity for the mechanical graduates in the field of testing.

After the talk the interaction session was held where a lot of students cleared their doubts regarding the topics. The technical talk was ended by the vote of thanks given by the forum student president Nandana M hegde. The participants of this inaugural ceremony and technical talk were Mechanical students and faculties. Around 100 students and faculties were benefited by this technical talk.

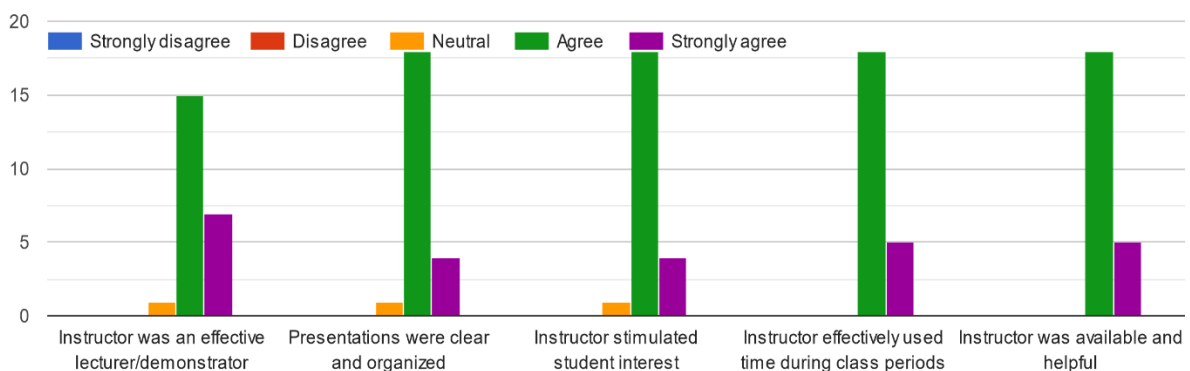
FEED BACK ON “BRIEF OVERVIEW OF NON DESTRUCTIVE TESTING”



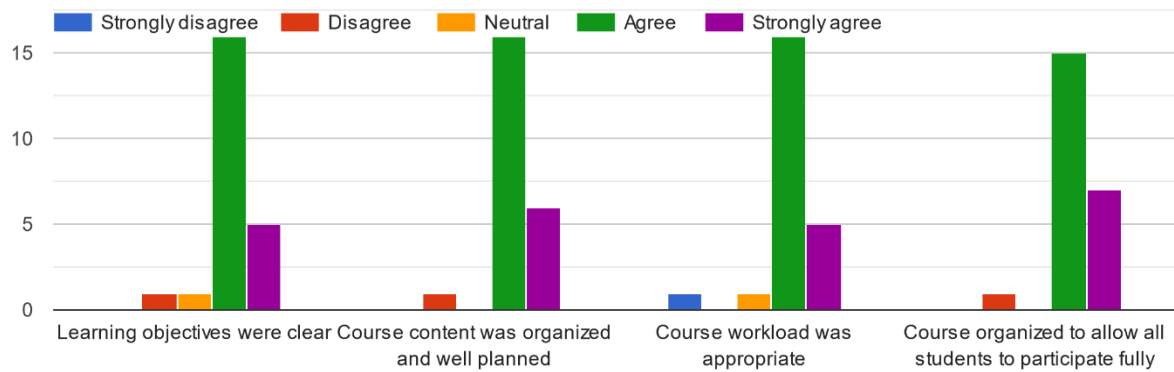
Contribution to learning



Skill and responsiveness of the instructor



Course content




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“A TECHNICAL TALK ON RELIABILITY OF NON DESTRUCTIVE TESTING”



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Department of Mechanical Engineering

To

Date 01/12/22

IQAC Chairman

AIET, Mijar

Respected Sir

Sub: Seeking Permission to conduct a technical talk on
06/12/2022

We are happy to inform you that Department of Mechanical Engineering technical forum is conducting a technical talk on 06/12/22.

Title of The Talk: **Reliability of Non Destructive testing**

The details are mentioned below, kindly request you do the needful.

Resource person details

Name: **Sri. Ganesh Thahashildar**

Designation: **Quality Manager**

Organization/Company/details: **V&G testing laboratories**

Venue: **CAMD lab**

Date/month/year: 06/12/2022

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DEPARTMENT OF MECHANICAL ENGINEERING

aiet/Mech/AY2022-23/003

Date: 06/12/2022

CIRCULAR


It is hereby informed to all that Department of Mechanical Engineering, is organising a Technical talk on "Reliability of Non Destructive testing" is arranged on 06/12/22.

Venue: CAMD Lab

Talk By: **Sri. Ganesh Thahashildar,**

Quality Manager ,V&G testing laboratories

It is mandatory for all Students to attend the technical talk


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“A TECHNICAL TALK ON RELIABILITY OF NON DESTRUCTIVE TESTING”



A technical talk was organized by the department of mechanical Engineering on 06/12/22 about Reliability of NDT

Sri. Ganesh Thahashildar, Quality manager, V & G testing Laboratories, Pvt. Ltd. Has briefed the students about the Reliability of NDT

Non-destructive testing (NDT) is a wide group of analysis techniques used in science and industry to evaluate the properties of a material, component or system without causing damage. The terms Nondestructive examination (NDE), Nondestructive inspection (NDI), and Nondestructive evaluation (NDE) are also commonly used to describe this technology. Because NDT does not permanently alter the article being inspected, it is a highly-valuable technique that can save both money and time in product evaluation, troubleshooting, and research.

He demonstrated that Non-destructive Testing is one part of the function of Quality Control and is Complementary to other long established methods. By definition non-destructive testing is the testing of materials, for surface or internal flaws or metallurgical condition, without interfering in any way with the integrity of the material or its suitability for service.

The technique can be applied on a sampling basis for individual investigation or may be used for 100% checking of material in a production quality control system. Whilst being a high technology concept, evolution of the equipment has made it robust enough for application in any industrial environment at any stage of manufacture - from steel making to site inspection of components already in service.

In his talk while emphasizing the skill aspect he informs the audience that A certain degree of skill is required to apply the techniques properly in order to obtain the maximum amount of information concerning the product, with consequent feed back to the production facility. Non-destructive Testing is not just a method for rejecting substandard material; it is also an assurance that the supposedly good is good. The technique uses a variety of principles; there is no single method around which a black box may be built to satisfy all requirements in all circumstances. What follows is a brief description of the methods most commonly used in industry, together with details of typical applications, functions and advantages

After the talk the interaction section was held lot of students asked the questions regarding the topic. The talk was concluded by giving the vote of thanks and Christon pinto student of mechanical engineering. 2nd, 3rd and 4th year students were benefited by this talk.



TECHNICAL TALK ON "RELIABILITY OF NDT" Dept. of Mechanical Engineering

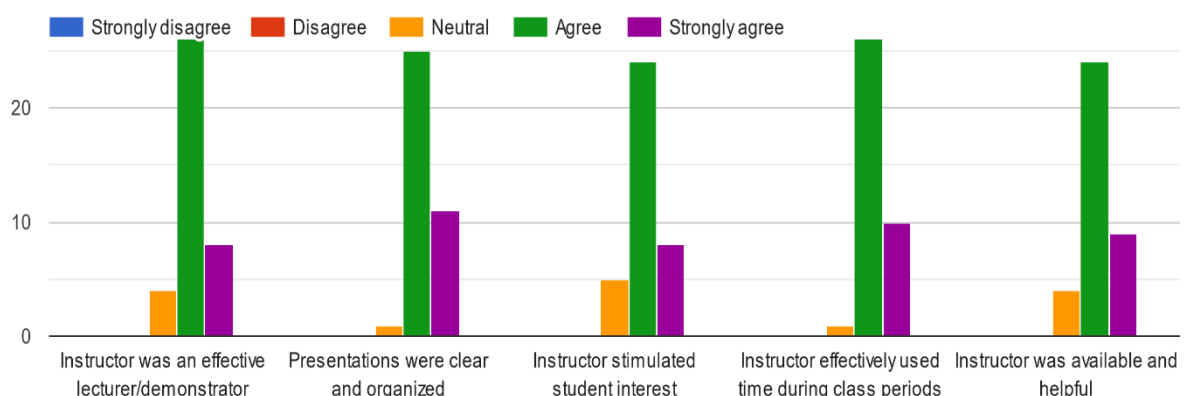
Please submit feedback regarding the course you have just completed, including feedback on course structure, content, and instructor.



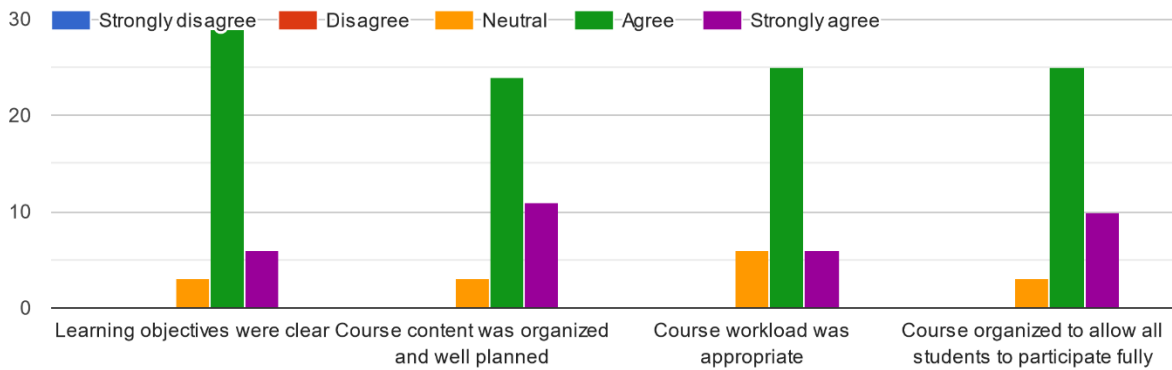
Contribution to learning



Skill and responsiveness of the instructor



Course content




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TEHCNICAL TALK ON “CAREER MANAGEMENT IN MECHANICAL ENGINEERING”



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Department of Mechanical Engineering

To

Date 13/12/22

IQAC Chairman

AIET, Mijar

Respected Sir

**Sub: Seeking Permission to conduct a technical talk on
16/12/2022**

We are happy to inform you that Department of Mechanical Engineering technical
forum is conducting a technical talk on 16/12/22.

Title of The Talk: **Career Management in Mechanical Engineering**

The details are mentioned below, kindly request you do the needful.

Resource person details

Name: **Mr. Gajanan Sridhar Hegde**

Designation: **Head, Electrical & Instrumentation Division**

Organization/Company/details: **Jindal Steel Works Ltd**

Venue: **CAMD lab**

Date/month/year: 16/12/2022

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DEPARTMENT OF MECHANICAL ENGINEERING

aiet/Mech/AY2022-23/007

Date: 16/12/2022

CIRCULAR


It is hereby informed to all that Department of Mechanical Engineering, is organising a Technical talk on “**Career Management in Mechanical Engineering**” is arranged on 16/12/22.

Venue: CAMD Lab

Talk By: **Mr. Gajanan Sridhar Hegde,**

Head, Electrical & Instrumentation Division, Jindal Steel Works Ltd

It is mandatory for all Students to attend the technical talk


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TEHCNICAL TALK ON “CAREER MANAGEMENT IN MECHANICAL ENGINEERING



A technical talk on “Career Management in Mechanical Engineering” was organized on 16 December 2022 at Alvas Institute of Engineering and Technology college at 11:30 am and the invited speaker was Mr. Gajanan Shridar hegde, Head of Electrical and instrumentation, JSW and Mr. Ganashyam Senapati, Senior team member of HR department, JSW.

He started his talk by showing us a small video about Jindal saw ltd and various group present in the industry, It was founded in 1952 and JSAW was founded in 1984.

Firstly he started his talk by explaining about OP Jindal Group, Jindal Saw mainly focuses on Pipes and Tubes, JSW mainly focuses on manufacturing steel, Jindal stainless mainly focuses on manufacturing plates for industries and Jindal Steel and power mainly focuses on Manufacturing Steel. He also explained us about Welded line pipes, Ductile Iron pipes, Seamless pipes and tubes and pellets and Mining.

He briefly explained us about SAW where it manufactures welded line pipes and also he told us about Lsaw pipes which is having a diameter of 16 to 60 inches of diameter WT2 the production rate is 6 lakh T/A. He also told us about HSAW pipes which is having 18 to 158 inches of diameter WT1, and the production rate is 1.165 MT/A. Further he explained about Ductile Iron Pipes there are main two types, Ductile Iron pipes which is ranging from DN80 TO DN2200, LMT/A and Ductile Iron Fittings which is ranging from DN80 TO DN2200, 0.18 LT/A. Further he explained about seamless pipes and tubes in which there are carbon and alloy steels having a production rate of 4L T/A, and stainless steel pipes and tubes having a production rate of 0.5L T/A. Next he explained about the Mining and pellet Division he explained us about extraction of the ore and pelletisation and the production rate was 1.5 MT/A the plant is mainly situated in rajasthan. He briefly explained about Bellary unit where it manufactures HSAW pipes having a diameter of pipe 20 to 158 inches WT1 having a production rate of 2 LT/A. They have Anti corrosive coating of 4 to 158 inches diameter 2MT/A Anti corrosive agents are 3LPE, FBE, PU, CML, PAINT, COAL TAR, EPOXY ETC. He also showed us a video on Pipe Manufacturing process.

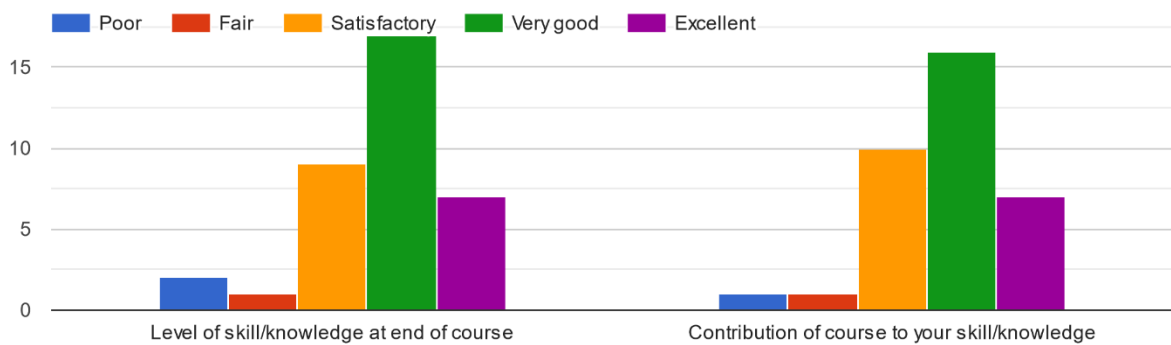
He explained us about career management and how the organisational Industry, he explained about the various roles such as HR, Admin, Security, he also told us about finance/Insurance ad also he told about various operations such as Production, Maintenance, Electrical Instrumental. He also explained about the Quality testing and R & D, Marketing, Purchase, Stores, Logistics. He also told us about the safety and statutory needs, Safety requirement and Statutory Compliance. He also explained us about different acts about Industrial safety. He told us about the Importance of Technical skills, Importance of Communication skills 7C of communication such as Clear, Concise, Concrete, Correct, Coherent, courteous. At last he concluded his talk by a quote “Truly for some men destiny isn’t written unless they write it”.

After the talk the interaction section was held lot of students asked the questions regarding the topic. The talk was concluded by giving the vote of thanks and Christon pinto student of mechanical engineering. 2nd, 3rd and 4th year students were benefited by this talk.

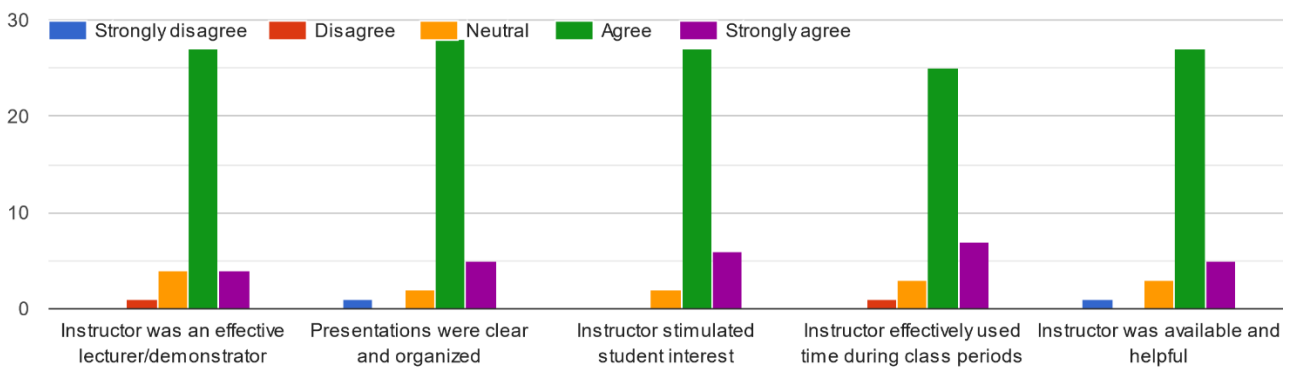
FEEDBACK ON “CAREER MANAGEMENT IN MECHANICAL ENGINEERING



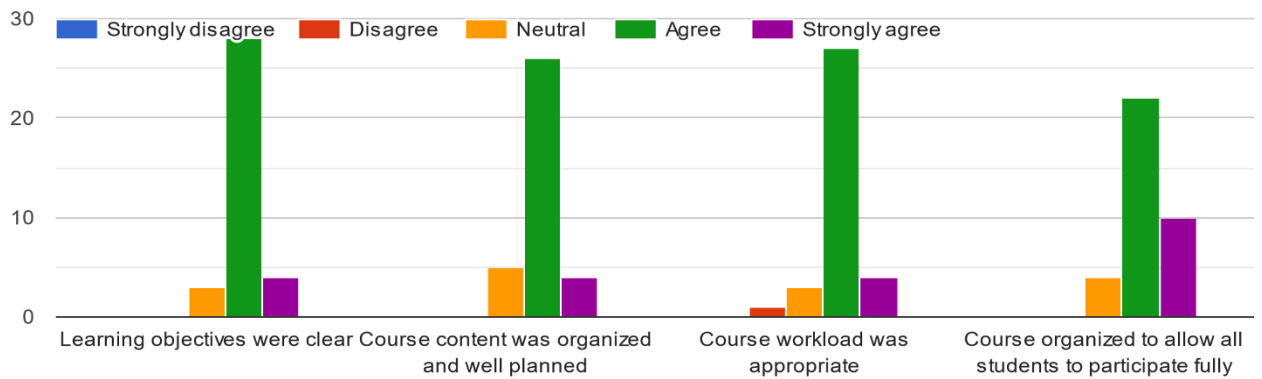
Contribution to learning



Skill and responsiveness of the instructor



Course content



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A TECHNICAL TALK ON “ELECTRICAL EXPLOSION PHENOMENON AND IT’S APPLICATION ON SYNTHESIS OF CARBON NANO MATERIALS”



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Department of Mechanical Engineering

To

Date 16/12/22

IQAC Chairman

AIET, Mijar

Respected Sir

**Sub: Seeking Permission to conduct a technical talk on
19/12/2022**

We are happy to inform you that Department of Mechanical Engineering technical forum is conducting a technical talk on 19/12/22.

Title of The Talk: **Electrical Explosion Phenomenon & its application on
Synthesis of carbon nano materials**

Mode: Online

The details are mentioned below, kindly request you do the needful.

Resource person details

Name: **Dr. Xin Gao**

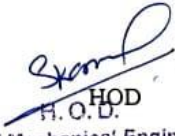
Designation: **Assistant Professor, Shock Physics & amp Chemistry lab,**

Organization/Company/details: **Beijing University ,Beijing , China**

Venue: **CAMD lab**

Date/month/year: 19/12/2022


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DEPARTMENT OF MECHANICAL ENGINEERING

aiet/Mech/AY2022-23/005

Date: 19/12/2022

CIRCULAR

It is hereby informed to all that Department of Mechanical Engineering, is organising a Technical talk on **"Electrical Explosion Phenomenon & its application on Synthesis of carbon nano materials"** is arranged on 19/12/22.


Venue: CAMD Lab

Mode: Online

Talk By: **Dr. Xin Gao,**

Assistant Professor, Shock Physics & amp Chemistry lab,
Beijing University , Beijing , China

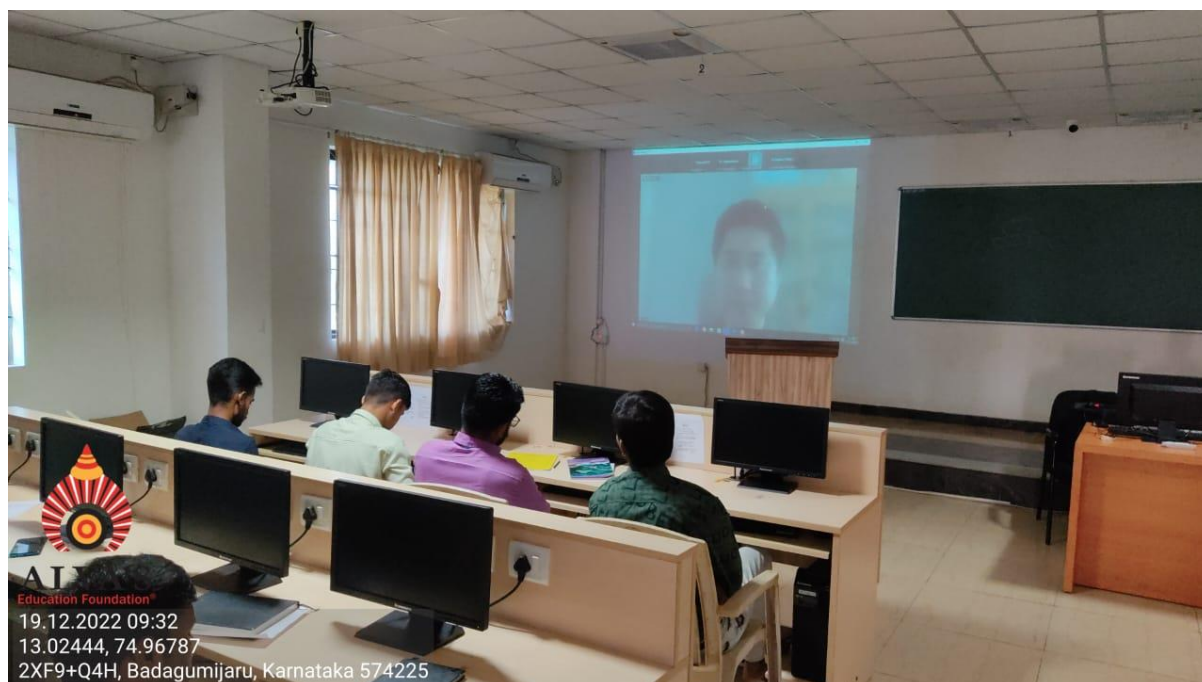
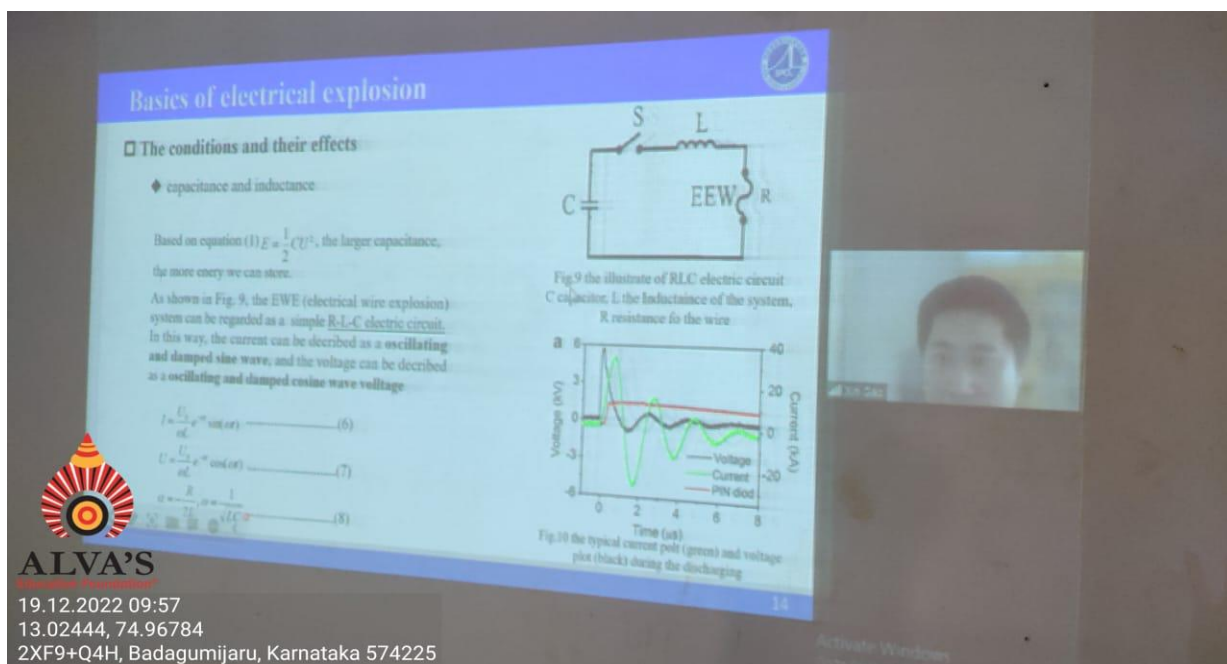
It is mandatory for all Students to attend the technical talk


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TECHNICAL TALK ON “ELECTRICAL EXPLOSION PHENOMENON AND IT’S APPLICATION ON SYNTHESIS OF CARBON NANO MATERIALS”



Dr. Xin Gao, briefing the students


A Webinar on “Electrical explosion phenomenon and it’s application on Synthesis of Carbon Nano materials” was organized on 19 December 2022 at Alva’s Institute of Engineering and Technology college at 10:00 am and the the talk was given by Dr. Xin Gao,

Assistant Professor, Shock Physics & amp, chemistry lab, state key, Beijing Institute of Technology, Beijing, China.

His talk contained five main areas such as Basic of electrical explosion, Synthesis of graphene by electrical explosion, Synthesis of Fe/FeO/graphene by electrical explosion, Synthesis of TiO₂ nano powder by electrical explosion, Synthesis of Si nano powder by electrical explosion. So started explaining about the Electrical wire explosion. He told that when a strong current produced by the discharge of a capacitor passes through a wire, the wire is evaporated in burst with bright flash by joule heating. He also told that it can be divided into joule heating process and then explosion process he also showed us the animation of electrical explosion, also he displayed us the pictures of x ray of different process which occurred in electrical explosion. Next he explained about the different types of discharge he explained about the R-L-C circuit. He also told us about the Underdamping pulse waveform. The different types of discharge phenomena is Matched type, Current interrupt and Arc-discharge. He also showed us the schematic of the electric wire explosion system it mainly consist of a power supply, a capacitor, an explosion chamber the measuring devices consist of Rogowski coil, voltage probe, pressure gauge, infrared monitor, high speed camera. Also he told us about the facilities in Beijing Institute of Technology and Kumamoto University. He explained the characteristics of electrical wire explosion they are the discharge and explosion duration are extremely short, the product usually is spherical nano powders, the distribution of particle size along with the log-normal distribution, high usage of the energy, Environmental friendly, overheat effect is high. He explained about the various nanoparticles synthesized by electrical wire explosion the various nanoparticles are AlN nano powder, TiO₂ nano powder, co nano powder, needle-like CuO nano powder, BN/Fe nanocomposite and CNT. He also discussed about the conditions and their effects firstly is the energy density, secondly is the capacitance and inductance, thirdly is the medium. He also explained about how energy density equation is obtained also he expressed us about the importance of k value. He explained how capacitance and inductance is obtained. Lastly he explained about the Synthesis of Si nanopowder by electrical wire explosion. He showed us the graphical representation of formation mechanism. He also told us about the plasma formation like semiconductor joule heating followed by conductor joule heating followed by formation of plasma.

After the talk the interaction section was held a lot of students asked the questions regarding the topic. Final year mechanical students and faculties benefitted by this talk.

Questions
Responses 30
Settings



TECHNICAL TALK ON "ELECTRICAL EXPLOSION PHENOMENON & ITS APPLICATIONS IN SYNTHESIS OF CARBON NANO MATERIALS"

Dept. of Mechanical Engineering

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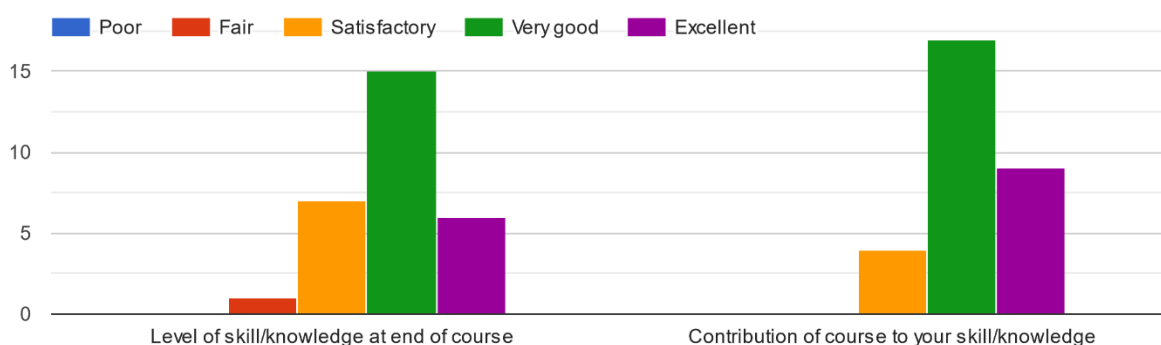
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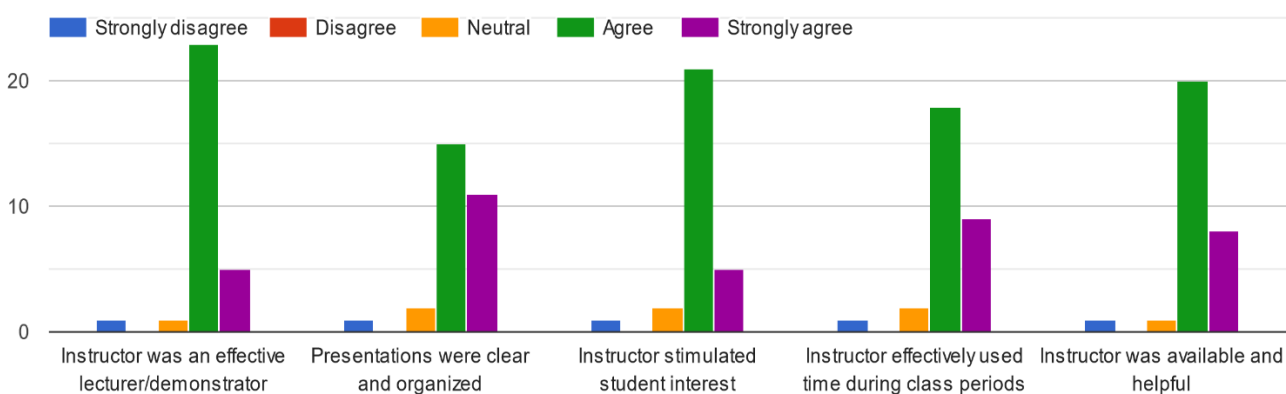
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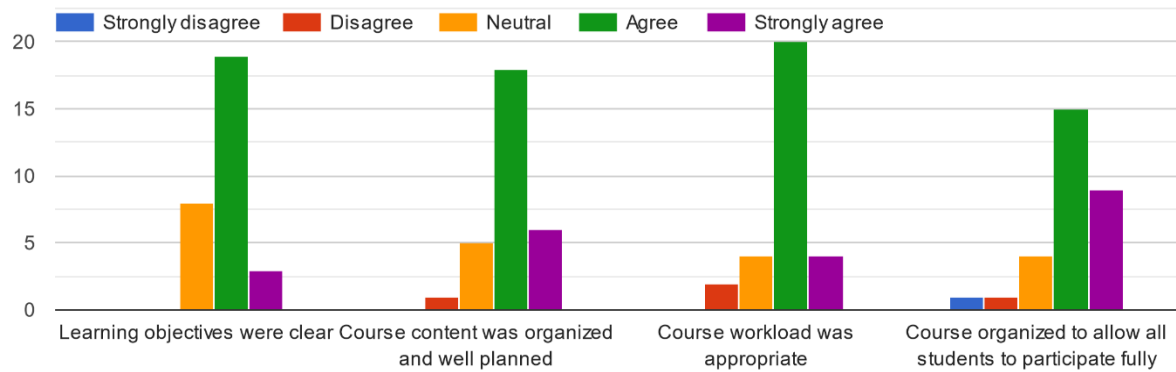
Contribution to learning



Skill and responsiveness of the instructor



Course content




HOD
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 Alva's Institute of Engg. & Technology
 Mijar, MOODSIDRI - 574 225

A TECHNICAL TALK ON "RESEARCH AND JOB OPPORTUNITIES IN UNITED STATES OF AMERICA"



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Shobhavana Campus, MIJAR-574225, Moodbidri, D.K., Karnataka
Ph: 08258-262725; Mob:722262724,7026262725,mail:principalaiet08@gmail.com

Department of Mechanical Engineering

To
IQAC Chairman
AIET, Mijar
Respected Sir

Date 21/01/23

**Sub: Seeking Permission to conduct a technical talk on
25/01/2023**

We are happy to inform you that Department of Mechanical Engineering technical
forum is conducting a technical talk on 25/01/23.

Title of The Talk: **Research and Job opportunities in United states of America**

Mode: Offline

The details are mentioned below, kindly request you do the needful.

Resource person details

Name: **Dr. Codrik John Martis**

Designation: **Quality & Development Project Controls & Qualification Engineer**

Organization/Company/details: **Big River Steel , Osceola**

Venue: **CAMD lab**

Date/month/year: 25/01/2023

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DEPARTMENT OF MECHANICAL ENGINEERING

aiet/Mech/AY2022-23/008

Date: 25/01/2023

CIRCULAR

It is hereby informed to all that Department of Mechanical Engineering, is organising a Technical talk on "Research and Job opportunities in United states of America " is arranged on 25/01/23.


Venue: CAMD Lab

Mode: Online

Talk By: **Dr. Codrik John Martis,**

Quality & Development Project Controls & Qualification
Engineer , Big River Steel , Osceola

It is mandatory for all Students to attend the technical talk


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A TECHNICAL TALK ON “RESEARCH AND JOB OPPORTUNITIES IN UNITED STATES OF AMERICA”



Interaction with Students after the briefing

A Technical talk was organised by Mechanical department on 25.01.2023. The description of the Talk was “Research and Job opportunities in United States of America”. The Talk was

delivered by Dr. Codrik John Martis Quality & development Project controls & Qualification Engineer, Big River Steel. Osceola.

At the outset, Mr. Chiranth, Student of Mechanical department welcomed the participants in the Technical Talk. Student of Mechanical department gave an introductory profile of the speaker. After this he requested Dr. Codrik John Martis to proceed with his Talk.

In his presentation the speaker talked about the research and job opportunities in United states of America. He started his talk by giving the introduction about his company Altair Product Design and Big River street a U.S steel company. Altair mainly focuses on FEA Analysis, Hypermesh and simlab. He worked there for around 4 and a half year. Now he is working in Big River steel which manufactures raw materials, Bumpers of car. He also explained about the Tests for Qualifications of the products where major tests are conducted to check for quality. He also told us about the Motor laminations which is done in their company. Next, he explained about his Phd Thesis Research which concentrated on Advanced high strength Steel". He explained about his work where high strength steels is the combination of high strength and high toughness material.

He told us about the Wayne State University. Where there are mainly 3 research area, they are Noise and Vibration control, Advanced materials and manufacturing, Advanced Propulsion and Energy Systems. He also told us about the requirement criteria required to join the university. He also explained about the various labs available in their campus they are

- Acoustic pseudospin and topological metamaterials laboratory.
- Acoustics, Vibration, and noise control (AVNC) laboratory.
- Advanced composites research laboratory.
- Atomic- scale predictive simulation and modelling (aPriSM) lab.
- Autonomous systems and controls lab.
- Centre for automotive research
- Dynamics, vibration and energy research group
- Combustion physics laboratory (CPL)
- Energy storage research lab
- Fluid dynamics research (FDR) Lab
- Ming- Chia lai's research group
- Soft Robotics Lab.

He also told us about the basic requirements for the Masters program such as GPA requirements, Language requirements. He also gave us a brief idea about Visa the main documents required are the letter of motivation, English proficiency test score, Transcript, Letter of recommendation. He also told us about the top 50 University of US. He also told about the top 10 automotive suppliers like Bosch, Denso, Magna, Aisin seiki etc. He also listed the top steel companies such as Nucor, BRS, Cliffs, Steel Dynamics. SMS group, Primetals, SKF.

After the talk there was an Interaction session where a lot of students asked the doubts regarding the higher studies. Dr. Satyanarayan HOD of mechanical department addressed the gathering and thanked the speaker for giving a technical talk. He also told us about the upcoming events and talks in the mechanical department. The talk was held in the CAMD lab Students from 1st, 2nd, 3rd and 4th year benefitted from this session. And also the department faculties where the audience of this talk. Around 70 students benefitted from this session.

FEEDBACK ON RESEARCH AND JOB OPPORTUNITIES IN UNITED STATES OF AMERICA”

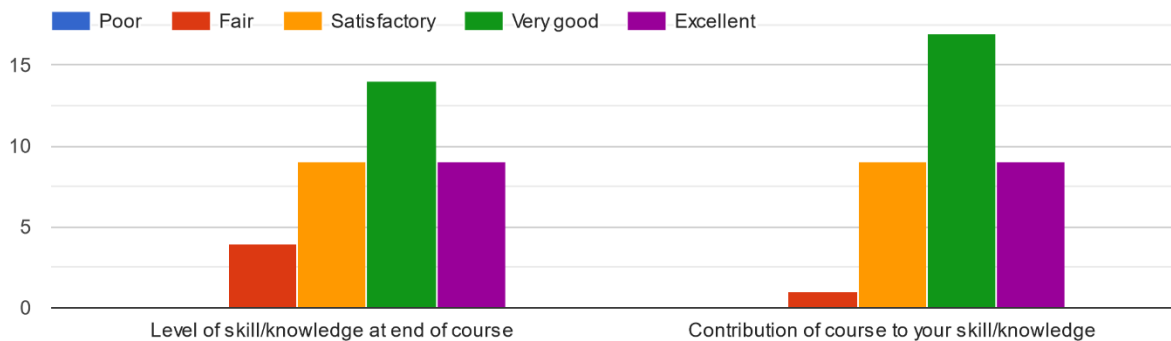


TECHNICAL TALK ON "RESEARCH & JOB OPPORTUNITIES IN UNITED STATES OF AMERICA"

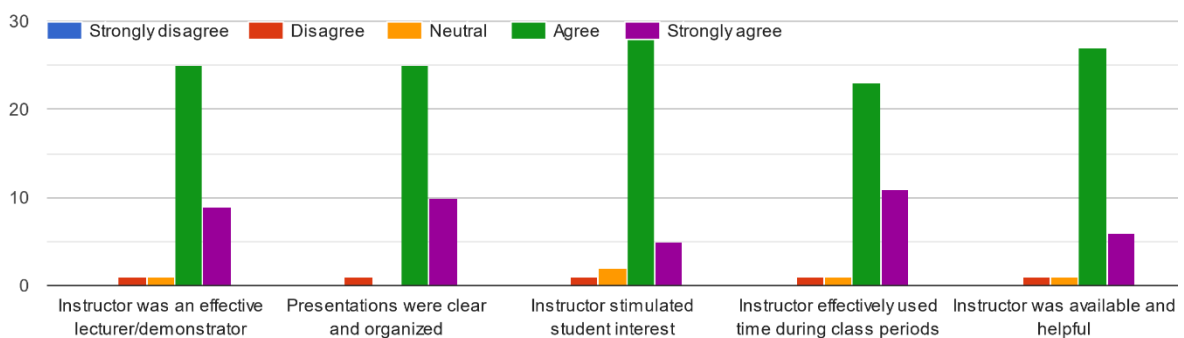
Dept. of Mechanical Engineering

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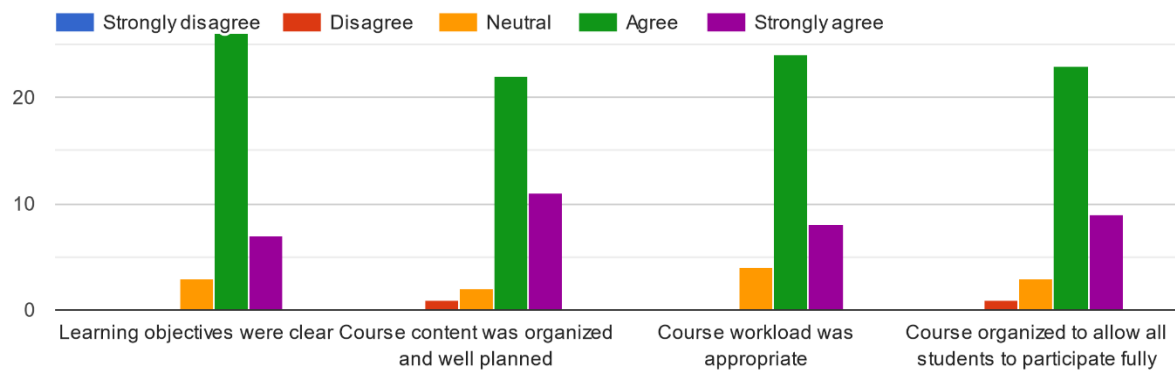
Contribution to learning



Skill and responsiveness of the instructor



Course content




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TECHNICAL TALK ON
“INNOVATIONS IN DESIGNING OF ELECTRIC VEHICLE.”



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Department of Mechanical Engineering

To
IQAC Chairman
AIET, Mijar
Respected Sir

Date 03/11/22

Sub: Seeking Permission to conduct a technical talk on
04/11/2022

We are happy to inform you that Department of Mechanical Engineering technical forum is conducting a technical talk on 04/11/22.

Title of The Talk: **Innovations in Electrical Vehicle Design**

Mode: Online

The details are mentioned below, kindly request you do the needful.

Resource person details

Name: **Mr. Rakesh**

Designation: **Head, Vehicle Design Division**

Organization/Company/details: **Magarita Tech, New Delhi**

Venue: **CAMD lab**

Date/month/year: 04/11/2022

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DEPARTMENT OF MECHANICAL ENGINEERING

aiet/Mech/AY2022-23/001

Date: 04/11/2022

CIRCULAR

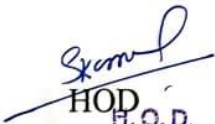
It is hereby informed to all that Department of Mechanical Engineering, is organising a Technical talk on "Innovations in Electrical Vehicle Design" is arranged on 04/11/22.

Venue: CAMD Lab

Talk By: **Mr. Rakesh,**

Head, Vehicle Design Division, Magarita Tech, New Delhi

It is mandatory for all Students to attend the technical talk


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**TECHNICAL TALK ON
“INNOVATIONS IN DESIGNING OF ELECTRIC VEHICLE.”**

Date: 04-11-2022, Time: 11.00 am.

Mode: Online, Link: <https://meet296.webex.com/meet/pr26413764655>

Resource Person: Mr. Rakesh, Vehicle Designer, MAGARITA TECH, New Delhi.

Online Talk on “Innovations in Designing of Electric Vehicle” was arranged on 4th November 2022, at 11.00 am in CAMD lab, ME block, by Mechanical Engineering Department. Mr. Rakesh, Vehicle Designer, MAGARITA TECH, New Delhi was the resource person.

84 Students and 06 Faculties were attended the talk. Mr. Rakesh explained thoroughly design and development of electric vehicle with advanced innovative techniques. He also gave inputs to students to adopt the innovative skills to execute the design and manufacture of Electric Vehicles.

Objectives:

Provide wide exposure to students in the field of Electric Vehicles.

Importance of manufacturing skills in developing of Electric Vehicles.

Outcomes:

Students able to understand how to initiate the designing of electric vehicles.

Students got to know the various skills required to develop electric vehicles.



Mr. Rakesh delivered a talk on “Innovations in designing of Electric Vehicles”.




Students attended a talk on “Innovations in designing of Electric Vehicles”.



Mr. Rakesh explaining the designing of Electric Vehicles.

FEEDBACK on “INNOVATIONS IN DESIGNING OF ELECTRIC VEHICLE.”



**TECHNICAL TALK ON
"INNOVATION IN DESIGNING OF ELECTRIC
VEHICLE"**

Dept. of Mechanical Engineering

Please submit feedback regarding the course you have just completed, including feedback on course structure, content, and instructor.

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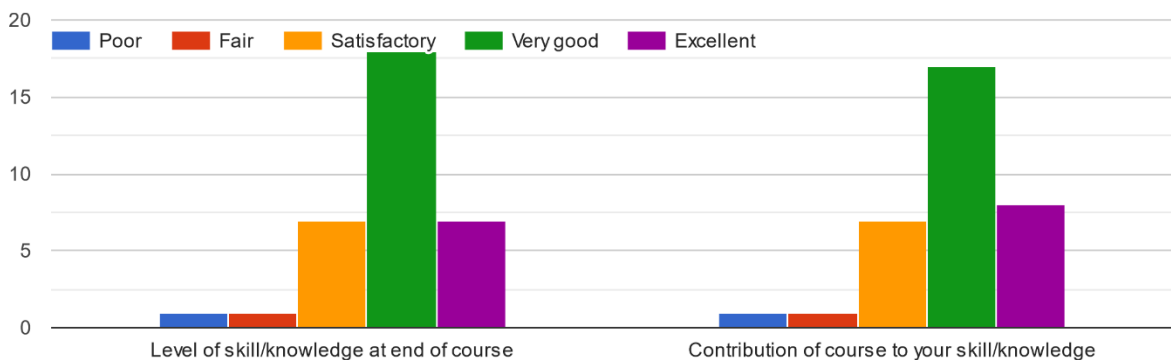
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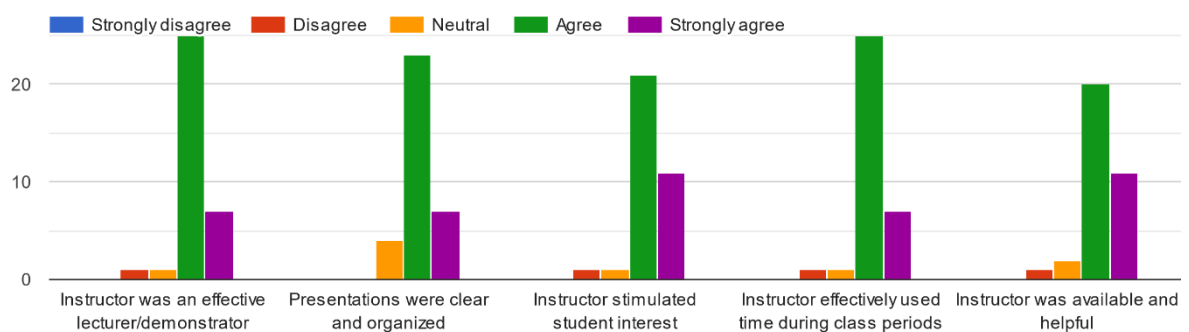
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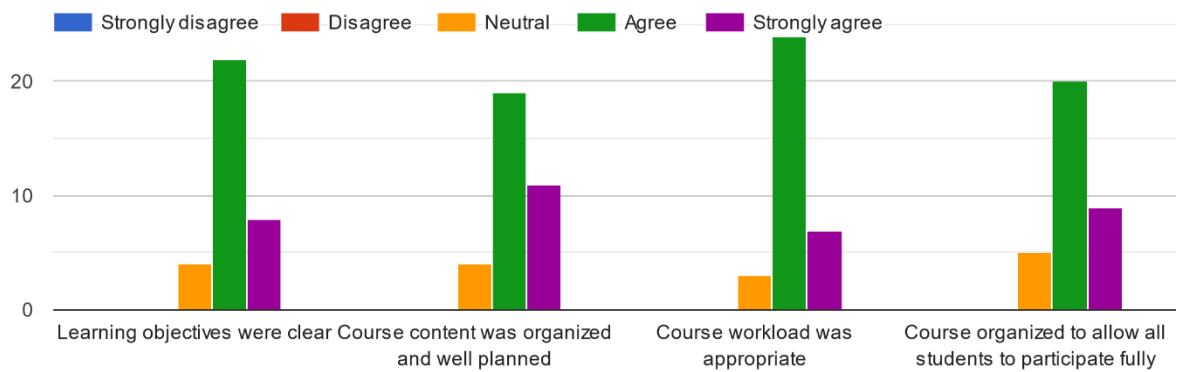
Contribution to learning



Skill and responsiveness of the instructor



Course content




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DEMONSTRATION ON FIRE SAFETY



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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Department of Mechanical Engineering


To
IQAC Chairman
AIET, Mijar
Respected Sir

Date 10/12/22

Sub: Seeking Permission to conduct a Field Visit to Fire station on 13/12/2022

We are happy to inform you that Department of Mechanical Engineering technical forum has arranged a field visit.

This particular Field visit is arranged for all final year engineering students as a part of hands on demonstration of fire safety & different fire extinguishing techniques.


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DEPARTMENT OF MECHANICAL ENGINEERING

aiet/Mech/AY2022-23/007

Date: 24/01/2023

CIRCULAR

It is hereby informed to all that Department of Mechanical Engineering,
is organising a field visit to Fire station, moodbidri on 25/01/23.

It is mandatory for all Students to participate


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DEMONSTRATION ON FIRE SAFETY

A visit to moodabidri fire station was arranged by the Technical forum of Department of mechanical Engineering . The visit was organised on 13/12/22

This visit was intended to give a demonstration to students about different types of fire hazards & methods to control fire.. The following points were discussed, and Mock drill also conducted to create awareness to all of the attendees and how to use fire extinguishers and how many types of extinguishers we are using in our university also explained by the concept Fire department officers

1. Class on how to create fire.
2. Different types of fire extinguishers and their usage.
 - a. Water Type Extinguishers
 - b. Carbon dioxide Extinguishers
 - c. Dry Powder Extinguishers
 - d. Put off the gas fires(Domestic & Business)
3. How to use fire fighting equipments
 - a. Hose Reel Hose
 - b. Yard Hydrant

The session was all about understanding the basic nature of fire and causes of its breakout, and how we can protect ourselves under such circumstances. The importance of fire safety was highlighted by citing real life examples; use of firefighting gadgets were demonstrated by the team to help students understand and act on time during a fire breakout situation. Real life training was also provided i.e. few students were made to use the firefighting gadgets to help them practically understand how they work and operate.

Experts from the Department of Fire and Emergency Services were equipped with the fire engine and professional fire safety equipment to sensitize the staff and the students about the life saving and rescue techniques in case of fire. They were highly impressed with the staff members and students knowledge in the ability to use the fire extinguishers.





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FEEDBACK ON DEMONSTRATION ON FIRE SAFETY



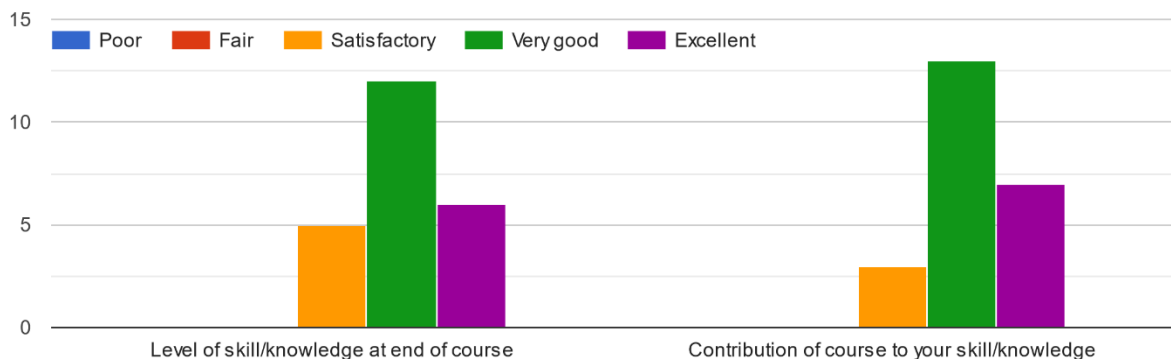
TECHNICAL TALK ON "DEMONSTRATION IN FIRE SAFETY" Dept. of Mechanical Engineering

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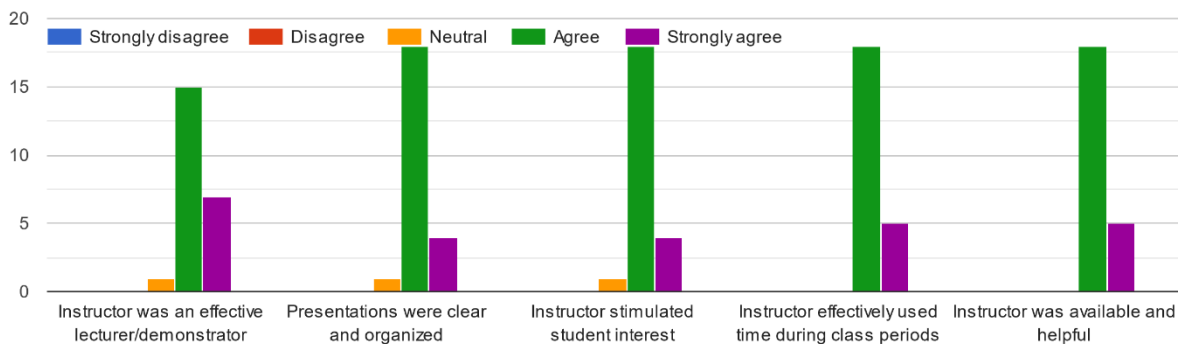
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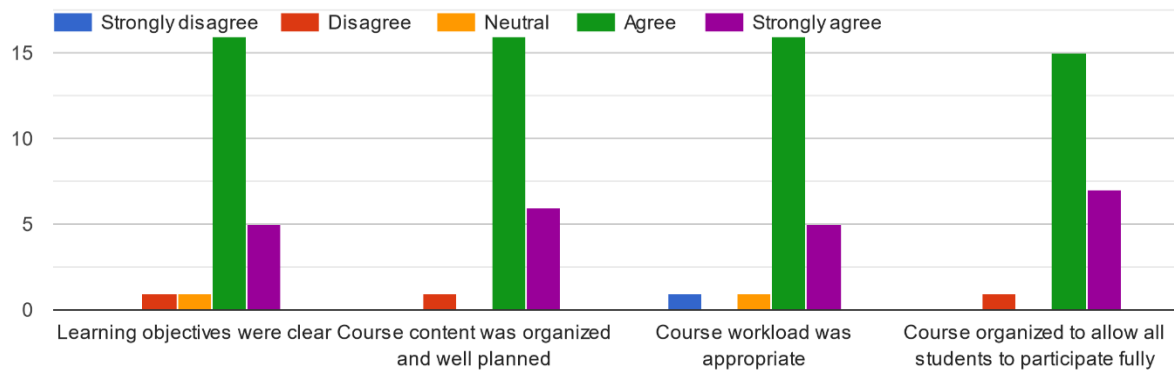
Contribution to learning



Skill and responsiveness of the instructor



Course content




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DEPARTMENT OF MECHANICAL ENGINEERING

TECHNICAL FORUM ACTIVITIES 2022-23 (EVEN SEM)

ACTIVITIES HELD DURING ACADEMIC YEAR 2022-23 (EVEN SEMESTER)

SL.NO.	EVENT TYPE	DATE	TITLE OF THE EVENT	RESOURCE PERSON	MODE
1	TECHNICAL TALK	03/03/2023	INTRODUCTION TO VIRTUAL MACHINE TECHNOLOGY	Mr Rishikesh Saringe Technical Head Soft India technologies	ONLINE
2	TECHNICAL TALK	11/03/2023	RELEVANCE OF QUALITY CONTROL IN MECHANICAL INDUSTRIES	Mr. Ravichandra Technical incharge NTTF	OFFLINE
3	WORKSHOP	11/03/2023- 13/03/2023	SOLVING MECHANICAL PROBLEM USING PYTHON WORKSHOP"	Dr. S. Mohideen Badhusha, Professor at Dept. of CSE, AIET.	OFFLINE
4	TECHNICAL TALK	20/04/2023	INTRODUCTION TO PRODUCT DEVELOPMENT USING FUSION 360	Mr. Abhinandan Kaboor Director Medhini Technologies	ONLINE
5	TECHNICAL TALK	27/05/23	ADDITIVE MANUFACTURING & ITS IMPORTANCE	Dr. Roopa S	OFFLINE
6	TECHNICAL TALK	12/06/23	HOW TO BUILD HYPOTHESIS IN ENGINEERING, MANAGEMENT & SCIENCE BASED RESEARCH	Dr. Lewlyn L.R. Rodrigues Professor, Dept. of Humanities & Management, MIT, Manipal	OFFLINE

7	TECHNICAL TALK	15/06/23	CONTINUOUS PROCESS IMPROVEMENT USING LEAN SIX SIGMA	Mr. Rajgopal R G International Trainer & strategic consultant	ONLINE
8	TECHNICAL TALK	20/06/2023	IMPORTANCE OF UPSKILLING IN ENGINEERING CAREER	Mr. Giridhar Salian Director Karnataka German Technical Training Institute (KGTTI), Mangaluru	OFFLINE
9	TECHNICAL TALK	08/07/23	LIFE MISSION TOWARDS PROTECTION OF ENVIRONMENT	Dr. Ravi D.R., Regional Officer, Karnataka State Pollution Control Board (KSPCB), Mangaluru	OFFLINE



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DEPARTMENT OF MECHANICAL ENGINEERING

**INTRODUCTION TO VIRTUAL MACHINE
TECHNOLOGY**



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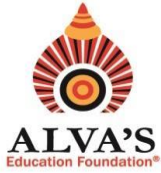
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TECHNICAL TALK REPORT

Objectives of the Technical talk:

Technical talks in engineering colleges serve several important objectives, both for students and faculty. These talks are designed to provide a platform for students to gain knowledge, exposure, and insights into various technical subjects and emerging trends in engineering. Here are the main objectives of technical talks in engineering colleges:

1. Technical talks are a means to disseminate knowledge on a wide range of topics, including new technologies, engineering innovations, and research findings.
2. These talk / interactions help students and faculty stay updated with the latest developments in their respective fields.
3. Technical talks enhance the educational experience by providing students with the opportunity to learn from experts in the field. These talks can cover topics beyond the curriculum and practical understanding of engineering concepts.
4. Inviting accomplished professionals and researchers as speakers can inspire students to set higher goals



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1. INTRODUCTION TO VIRTUAL MACHINE TECHNOLOGY

Mode: ONLINE

Date: 03/03/2023

Resource Person: Mr. Rishikesh Saringe

Technical Head Soft India technologies.

Outcomes :

1. Attendees will gain a deeper understanding of virtual machine technology, including its concepts, principles, and applications.
2. Practical insights into the implementation and management of virtual machines can be shared during the talk.
3. Participants clarified doubts, & queried additional information, and engaged in meaningful conversations about the topic

Department of Mechanical Engineering has organized a technical talk on Introduction to Virtual Machine Technology on 03/03/2023. The resource person was Mr. Rishikesh Saringe Technical Head Soft India technologies.



He has briefed the gathering about how Virtual Machine (VM) technology has transformed the landscape of computing by enabling the efficient utilization of hardware resources,



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improved software deployment, and enhanced security. At its core, VM technology allows multiple operating systems (OS) to run on a single physical machine simultaneously, creating isolated environments called virtual machines.

A virtual machine is a software-based emulation of a physical computer. It consists of an operating system, application software, and hardware resources that are abstracted from the physical host machine. The hypervisor, also known as the Virtual Machine Monitor (VMM), manages and allocates the physical resources to multiple virtual machines, ensuring their isolation and resource sharing.

Full Virtualization, Para-virtualization, Containerization:

Further he added the benefits of virtualization Explained about **Resource Utilization:** Virtualization enables better utilization of hardware resources. A single physical machine can host multiple VMs, effectively maximizing its potential and reducing hardware costs. **Isolation:** VMs are isolated from one another, providing security and stability. If one VM crashes or experiences issues, it does not affect others on the same host. **Hardware Independence:** VMs abstract hardware details, allowing applications to run consistently across different hardware configurations. **Software Testing and Development:** VMs provide a safe environment for testing new software and configurations without risking the stability of the host system. **Legacy Application Support:** Older applications that require specific OS versions or configurations can be hosted on VMs even on modern hardware. **Disaster Recovery:** VM snapshots and backups simplify disaster recovery by enabling quick restoration of virtualized environments. **Cloud Computing:** Cloud providers utilize VM technology to offer scalable and flexible computing resources to users, allowing them to deploy and manage virtual machines easily.

He concluded saying Virtual machine technology has revolutionized the way we approach computing, offering benefits ranging from improved resource utilization to enhanced security. As technology continues to evolve, VMs remain a cornerstone in data centers, development environments, and cloud infrastructure, shaping the digital landscape and empowering various industries.

ANNEXURE



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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Date -25/02/23

To

IQAC Chairman

AIET, Mijar

Respected Sir

Sub: Requesting for permission conduct a Technical talk

We are happy to inform you that Department of Mechanical Engineering, is planning to organize a technical talk on 03/03/2023.

The details are mentioned below, kindly request you do the needful.

Resource Person Details

Name: Mr Rishikesh Saringe

Designation: Technical Head Soft India technologies

Title : **INTRODUCTION TO VIRTUAL MACHINE TECHNOLOGY**

Venue: **CAMD lab**

Date/month/year:**03/03/2023**

Mode : **ONLINE**

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Dept. Of Mechanical Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

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Aiet/Mech/AY2022-23/015

Date-25/02/23

CIRCULAR

All the students from Department of Mechanical Engineering, are hereby informed to attend the Technical Talk by **Mr Rishikesh Saringe, Technical Head Soft India technologies**

Date: 03/03/2023

Time: 03:00 pm-05:00 pm

Title of the Talk: : INTRODUCTION TO VIRTUAL MACHINE TECHNOLOGY

Venue : CAMD lab,

MODE: ONLINE

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Alva's Institute of Engg. & Technology
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DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY ATTENDANCE LIST

Sl.No.	Faculty Name	Signature
1	Dr. Satyanarayana	
2	Mr. Veerendra kumar	
3	Mr. Sharathchandra Prabhu	
4	Dr. G. B. Vaggar	
5	Mr. Hemanth Suvarna	
6	Mr. Suresh P S	
7	Mr. Sadashiv Bellubbi	
8	Mr. Kiran C H	
9	Mr. Pramod Badyankal	
10	Mr. M.R. Ganesh	
11	Mr. Kumar Swamy M.C	
12	Mr. Gopal Krishna U.B	
13	Mr. Deepak Kothari	
14	Mr. Srinivas C S	
15	Mr. Pramod kumar N	
16	Mr. Praveen K C	
17	Mr. Sudheer PN	

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DEPARTMENT OF MECHANICAL ENGINEERING

STUDENT ATTENDANCE LIST

Semester : 6th semester

Sl no.	Name	USN	Sign
1	ADHWITH	4AL20ME001	Adwitya..
2	AKSHAR N	4AL20ME002	Akshar N
3	BABUGOUDA SHANKARAGOUDA	4AL20ME003	Babugouda
4	CHANDAN BHOSALE	4AL20ME004	Chandan
5	CH'RANTH H S	4AL20ME006	Chanth H S
6	DILEEP P R	4AL20ME007	Dileep P.R.
7	FRISON NIKHIL MARTIS	4AL20ME008	Frison
8	GIRISH B BANNIKOPPA	4AL20ME009	Girish B
9	JENNY FERNANDES	4AL20ME011	Jenny
10	MANOJ KUMAR KARNAM	4AL20ME012	Manoj K
11	MANU K N	4AL20ME013	Manu K N
12	MOHAMMED SWAHID	4AL20ME014	M. Swahid
13	MOHAMMED FAHAD H	4AL20ME015	Mohammed
14	NAVYASHREE H B	4AL20ME016	Navyashree
15	PALLAVI P	4AL20ME017	Pallavi P
16	PAVANKUMAR H R	4AL20ME018	Pavankumar H.R.
17	RAKSHITH S	4AL20ME019	Rakshith S
18	VARUN S BHANDARY	4AL20ME021	Varun S
19	VIGNESH	4AL20ME022	Vignesh
20	DODDAMALLAIAH	4AL21ME400	Doddamalliah
21	RAHUL KUMBAR	4AL21ME401	Rahul K
22	RAKESH KELAGADE	4AL21ME402	Rakesh Kelagade
23	SACHIN RATHOD	4AL21ME403	Sachin Rathod
24	SANDEEP JARALE	4AL21ME404	Sandeep Jarale



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Semester : 4th semester

Sl no.	Name	USN	Sign
1	AJITH R	4AL21ME001	
2	AKHIL SHARMA K	4AL21ME002	
3	AKSHAY KRISHNA M	4AL21ME003	
4	CHARAN KUMAR	4AL21ME004	
5	DHARSHITH A	4AL21ME005	
6	MELVIN VINAY SERA	4AL21ME006	
7	MOHAMMAD SWALIH	4AL21ME007	
8	NARAYAN V	4AL21ME008	
9	NAVANEETH H SHETTY	4AL21ME009	
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15	PRAVEEN VEERAPPA CHAVADI	4AL22ME402	
17	KRISHNA KYADGIHALLI	4AL22ME403	
18	KARTHIK GOWDA B C	4AL22ME400	

Forum Coordinator

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FEEDBACK FORM

1. Name of the Resource Person : Mr Rishikesh Saringe

2. Topic of the Technical talk : INTRODUCTION TO VIRTUAL MACHINE TECHNOLOGY

Please give feedback on how well this session met its objectives, indicate your response by putting check mark to relevant box

Sl. No.		Poor	Fair	Good	Very good	Excellent
		1	2	3	4	5
1	Relevance of the topic in today's scenario		3%	15%	45%	37 %
2	Clarity of the presentation		6%	20%	40%	34%
3	The presentation contained Practical examples & useful techniques that can be applied to current work			33%	52%	15%
4	The visual aids were effective				43%	57%
5	The resource person was knowledgeable about the topic & any related issues		2%	10%	49%	39%
6	Resource person clarified all queries			10%	71%	19%
7	How was your overall experience			3%	33%	64%

Any other comments : Participants had few queries regarding maintenance of regular lab.

Action Taken : all queries were answered by the resource person .


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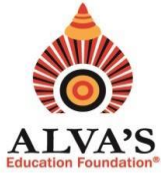
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DEPARTMENT OF MECHANICAL ENGINEERING

**THE RELEVANCE OF QUALITY CONTROL IN MECHANICAL
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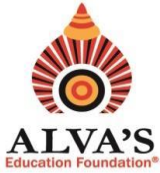
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TECHNICAL TALK REPORT

Objectives of the Technical talk:

Technical talks in engineering colleges serve several important objectives, both for students and faculty. These talks are designed to provide a platform for students to gain knowledge, exposure, and insights into various technical subjects and emerging trends in engineering. Here are the main objectives of technical talks in engineering colleges:

1. Technical talks are a means to disseminate knowledge on a wide range of topics, including new technologies, engineering innovations, and research findings.
2. These talk / interactions help students and faculty stay updated with the latest developments in their respective fields.
3. Technical talks enhance the educational experience by providing students with the opportunity to learn from experts in the field. These talks can cover topics beyond the curriculum and practical understanding of engineering concepts.
4. Inviting accomplished professionals and researchers as speakers can inspire students to set higher goals



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THE RELEVANCE OF QUALITY CONTROL IN MECHANICAL INDUSTRIES

Mode: OFFLINE

Date: 11/03/2023

Resource person: Mr. Ravichandra

Technical in charge

NTTF

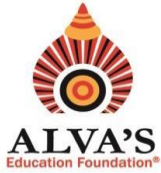
Outcomes :

1. primary outcomes of the talk would be to raise awareness among the audience about the importance of quality control in mechanical industries.
2. talk covered the fundamental concepts and principles of quality control
3. Real-world case studies and examples illustrated the tangible benefits of quality control. Sharing success stories from mechanical industries can inspire attendees to implement similar practices.

Department of Mechanical Engineering has organized a technical talk on The Relevance of Quality Control in Mechanical Industries on. The resource person was Mr. Ravichandra Technical incharge NTTF Technical Head Soft India technologies

The resource person briefed about how Quality control plays a pivotal role in ensuring the success and sustainability of mechanical industries. It encompasses a range of processes, methodologies, and practices aimed at maintaining the consistency, reliability, and excellence of products and services. In the context of mechanical industries, where precision, safety, and performance are paramount, quality control becomes even more crucial.

He briefed about the relevance of quality control in mechanical industries, He discussed about the **Precision and Accuracy** Mechanical industries involve the design, manufacturing, and assembly of complex machinery, components, and systems. Even minor deviations from specifications can lead to catastrophic failures, reduced performance, or safety hazards. Quality control ensures that each part is manufactured with precision and accuracy, adhering to strict tolerances and standards.



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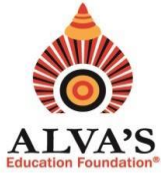
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Product Reliability Consumers and industries rely on mechanical products for their functionality and durability. Quality control processes help identify and rectify potential defects or weak points in the manufacturing process, ultimately leading to more reliable and longer-lasting products. **Safety Enhancement** Many mechanical products are used in critical



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applications such as automotive, aerospace, and medical equipment. Inadequate quality control could result in life-threatening situations. Rigorous quality checks help identify safety issues and prevent potential failures, ensuring the safety of end-users. **Cost Efficiency** Implementing quality control measures from the outset can lead to significant cost savings in the long run. Identifying defects early in the manufacturing process reduces the need for rework, lowers scrap rates, and minimizes the chances of costly product recalls. **Customer Satisfaction** High-quality products lead to satisfied customers. Meeting or exceeding customer expectations builds trust and brand loyalty. On the other hand, consistently delivering subpar products can damage a company's reputation and lead to customer attrition. **Process Optimization** Quality control involves continuous monitoring and analysis of manufacturing processes. By identifying bottlenecks, inefficiencies, and opportunities for improvement, companies can optimize their processes for better performance, reduced waste, and increased productivity. **Innovation and Technological Advancement** Incorporating quality control practices encourages research and development of innovative manufacturing techniques and materials. This drive for quality often leads to the adoption of new technologies that can revolutionize mechanical industries.

In conclusion, quality control is not just a routine check but a strategic imperative in mechanical industries. It underpins product performance, safety, customer satisfaction, and the overall success of a business. Embracing quality control practices ensures that mechanical products meet the highest standards of precision, reliability, and excellence, fostering growth and innovation while safeguarding consumers and industries alike.

ANNEXURE



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Date -25/02/23

To

IQAC Chairman

AIET, Mijar

Respected Sir

Sub: Requesting for permission conduct a Technical talk

We are happy to inform you that Department of Mechanical Engineering, is planning to organize a technical talk on 11/03/2023

The details are mentioned below, kindly request you do the needful.

Resource Person Details

Name: **Mr. Ravichandra**

Designation: **Technical incharge NTTF**

Title : **RELEVANCE OF QUALITY CONTROL IN MECHANICAL INDUSTRIES**

Venue: **CAMD lab**

Date/month/year:**11/03/2023**

Mode : **ONLINE**


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Aiet/Mech/AY2022-23/015

Date-25/02/23

CIRCULAR

All the students from Department of Mechanical Engineering, are hereby informed to attend the Technical Talk by **Mr. Ravichandra Technical incharge NTTF**

Date: 11/03/2023

Time: 03:00 pm-05:00 pm

Title of the Talk: RELEVANCE OF QUALITY CONTROL IN MECHANICAL INDUSTRIES

Venue : CAMD lab,

MODE: ONLINE

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DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY ATTENDANCE LIST

Sl.No.	Faculty Name	Signature
1	Dr. Satyanarayana	
2	Mr. Veerendra kumar	
3	Mr. Sharathchandra Prabhu	
4	Mr. G. B. Vaggar	
5	Mr. Hemanth Suvarna	
6	Mr. Suresh P S	
7	Mr. Sadashiv Bellubbi	
8	Mr. Kiran C H	
9	Mr. Pramod Badyankal	
10	Mr. M.R. Ganesh	
11	Mr. Kumar Swamy M.C	
12	Mr. Gopal Krishna U.B	
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DEPARTMENT OF MECHANICAL ENGINEERING

STUDENT ATTENDANCE LIST

Semester : 6th semester

SI no.	Name	USN	Sign
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3	BABUGOUDA SHANKARAGOUDA	4AL20ME003	Babugouda
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7	FRISON NIKHIL MARTIS	4AL20ME008	Nikhil
8	GIRISH B BANNIKOPPA	4AL20ME009	Girish
9	JENNY FERNANDES	4AL20ME011	Jenny
10	MANOJ KUMAR KARNAM	4AL20ME012	Manoj
11	MANU K N	4AL20ME013	Manu
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15	PALLAVI P	4AL20ME017	Pallavi
16	PAVANKUMAR H R	4AL20ME018	Pavankumar
17	RAKSHITH S	4AL20ME019	Rakshith
18	VARUN S BHANDARY	4AL20ME021	Varun
19	VIGNESH	4AL20ME022	Vignesh
20	DODDAMALLAIAH	4AL21ME400	Doddamalliah
21	RAHUL KUMBAR	4AL21ME401	Rahul
22	RAKESH KELAGADE	4AL21ME402	Rakesh
23	SACHIN RATHOD	4AL21ME403	Sachin
24	SANDEEP JARALE	4AL21ME404	Sandeep



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Semester : 4th semester

Sl no.	Name	USN	Sign
1	AJITH R	4AL21ME001	
2	AKHIL SHARMA K	4AL21ME002	
3	AKSHAY KRISHNA M	4AL21ME003	
4	CHARAN KUMAR	4AL21ME004	
5	DHARSHITH A	4AL21ME005	
6	MELVIN VINAY SERA	4AL21ME006	
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FEEDBACK FORM

1. Name of the Resource Person : Mr. Ravichandra

2. Topic of the Technical talk : RELEVANCE OF QUALITY CONTROL IN MECHANICAL INDUSTRIES

Please give feedback on how well this session met its objectives, indicate your response by putting check mark to relevant box

Sl. No.		Poor	Fair	Good	Very good	Excellent
		1	2	3	4	5
1	Relevance of the topic in today's scenario		3%	25%	35%	37 %
2	Clarity of the presentation		6%	20%	40%	34%
3	The presentation contained Practical examples & useful techniques that can be applied to current work			33%	42%	5%
4	The visual aids were effective				33%	47%
5	The resource person was knowledgeable about the topic & any related issues		2%	10%	39%	49%
6	Resource person clarified all queries			10%	71%	19%
7	How was your overall experience			3%	23%	74%

Any other comments : Participants had few queries regarding maintenance of regular lab.

Action Taken : all queries were answered by the resource person .


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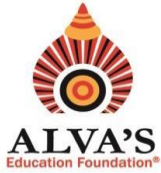
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DEPARTMENT OF MECHANICAL ENGINEERING

**SOLVING MECHANICAL PROBLEM USING PYTHON
WORKSHOP**



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TECHNICAL TALK REPORT

Objectives of the Technical talk:

Technical talks in engineering colleges serve several important objectives, both for students and faculty. These talks are designed to provide a platform for students to gain knowledge, exposure, and insights into various technical subjects and emerging trends in engineering. Here are the main objectives of technical talks in engineering colleges:

1. Technical talks are a means to disseminate knowledge on a wide range of topics, including new technologies, engineering innovations, and research findings.
2. These talk / interactions help students and faculty stay updated with the latest developments in their respective fields.
3. Technical talks enhance the educational experience by providing students with the opportunity to learn from experts in the field. These talks can cover topics beyond the curriculum and practical understanding of engineering concepts.
4. Inviting accomplished professionals and researchers as speakers can inspire students to set higher goals



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SOLVING MECHANICAL PROBLEM USING PYTHON WORKSHOP

Workshop mode: Offline

Date: 11/03/2023 to 13/03/23

Resource person: Dr. S. Mohideen Badhusha,
Professor at Dept. of CSE, AIET.

Outcomes : The 3 days workshop helped students of Mechanical Engineering to understand the importance of coding using Python and also how they can combine the topics of mechanical and coding together which is necessary in the present world.

INTRODUCTION

A workshop on "Solving Mechanical Problem using Python" was had from 11th to 13th march 2023 which was arranged by Department of Mechanical Engineering by HOD Dr. Satyanarayan and forum coordinator Mr. Hemanth Suvarana and the resource person was Dr. S. Mohideen Badhusha, Professor at Dept. of CSE, AIET. The workshop was conducted for 3 days and it was for both 3rd & 6th Sem. students. The Introduction of guest was done by our vice president Chiranth Acharya. Resource person spoke about the benefit of python program in Mechanical Engineering, as the world is moving towards AI and most of job opportunity are IT and as a Mechanical Engineer by learning python the job opportunities are more compare to other branches. HoD during his speech told about learning python would also help in solving problems related to mechanical. Then the vote of thanks speech was give the CR of 3rd sem. Akhil Sharma.



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Inaugural session of the workshop

Then the workshop was divided in two session everyday that is Forenoon (FN) and Afternoon (AN)

Day-1

1st session (FN)

Dr. Badhusa described about the difference between C language and python. It is also known that the python is Dynamically typed. It is a versatile and can be adapted in DA, ML, GUI software & web development. There are many software were we can practice python like IDLE, Pycharm, Google Colab, Atom, etc. But we did our session in Colab. We got to know the basics rules of python and what is known by comment lines, multiple lines, multiple assignment, Indentation and blocks. How we can use the conditional execution in program. Dr. Badhusa made students to solve some problems related to the topics discuss related to the session. He also gave some exercise related to topics.



Dr. Badhusha describing the importance of Python to Mechanical Engineering Students

2nd Session (AN)

In 2nd session of the day students learned what is Iteration & String. Where it is used and how it is used. Different types of iteration and where and how it is used. Also the different types of loops how it is worked, where we need to apply and how to apply. Some additional problems related to the topics were discusses related to the session. He also gave us some exercise related to topics.

Day-2

1st Session(FN)

In day 2 Resource Person taught about how we can make a list of numbers, alphabets, etc as we require. Students learned about tuple and how it is worked, where we need to apply and how to apply. Then he gave some problems related to the topics discuss related to the session. He also gave us some exercise related to topics.

2nd Session(AN)

In 2nd session students learnt about the Dicitonary that how it is worked, where we need to apply and how to apply. Then he gave some problems related to the topics discuss related to the session. He also gave us some exercise related to topics.



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Day-3

In both session he gave some problems related to the topics discuss related to the session. He also gave us some exercise related to topics. Students were involved thoroughly throughout the both session to complete the work and task given to them before the end of the day.

ANNEXURE



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Date -07/03/23

To

IQAC Chairman

AIET, Mijar

Respected Sir

Sub: Requesting for permission conduct a Technical talk

We are happy to inform you that Department of Mechanical Engineering, is planning to organize a technical talk on 11/03/2023 to 13/03/2023. The details are mentioned below, kindly request you do the needful.

Resource Person Details

Name: **Dr. S. Mohideen Badhusha**

Designation: **Professor at Dept. of CSE, AIET.**

Title: **SOLVING MECHANICAL PROBLEM USING PYTHON WORKSHOP**

Venue: **CAMD lab**

Date/month/year: **11/03/2023 to 13/03/2023**

Mode : **OFFLINE**



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Aiet/Mech/AY2022-23/015

Date-25/02/23

CIRCULAR

All the students from Department of Mechanical Engineering, are hereby informed to attend the Technical Talk by **Dr. S. Mohideen Badhusha, Professor at Dept. of CSE, AIET.**

Date: 11/03/2023 to 13/03/2023

Time: 09:00 pm-05:00 pm

Title of the Talk: : SOLVING MECHANICAL PROBLEM USING PYTHON

WORKSHOP

Venue : CAMD lab,

MODE: OFFLINE


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DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY ATTENDANCE LIST

Sl.No.	Faculty Name	Signature
1	Dr. Satyanarayana	
2	Mr. Veerendra kumar	
3	Mr. Sharathchandra Prabhu	
4	Dr. G. B. Vaggar	
5	Mr. Hemanth Suvarna	
6	Mr. Suresh P S	
7	Mr. Sadashiv Bellubbi	
8	Mr. Kiran C H	
9	Mr. Pramod Badyankal	
10	Mr. M.R. Ganesh	
11	Mr. Kumar Swamy M.C	
12	Mr. Gopal Krishna U.B	
13	Mr. Deepak Kothari	
14	Mr. Srinivas C S	
15	Mr. Pramod kumar N	
16	Mr. Praveen K C	
17	Mr. Sudheer PN	

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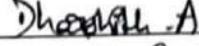


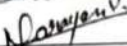


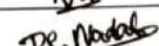
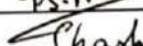




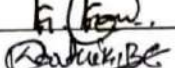
DEPARTMENT OF MECHANICAL ENGINEERING

STUDENT ATTENDANCE LIST

Semester : 6th semester

Sl no.	Name	USN	Sign
1	ADHWITH	4AL20ME001	Adwith..
2	AKSHAR N	4AL20ME002	Akshar N
3	BABUGOUDA SHANKARAGOUDA	4AL20ME003	Babugouda
4	CHANDAN BHOSALE	4AL20ME004	Chandan
5	CH'RANTH H S	4AL20ME006	Chanth H S
6	DILEEP P R	4AL20ME007	Dileep P.R.
7	FRISON NIKHIL MARTIS	4AL20ME008	Frison
8	GIRISH B BANNIKOPPA	4AL20ME009	Girish
9	JENNY FERNANDES	4AL20ME011	Jenny
10	MANOJ KUMAR KARNAM	4AL20ME012	Manoj
11	MANU K N	4AL20ME013	Manu
12	MOHAMMED SWAHID	4AL20ME014	M. Swahid
13	MOHAMMED FAHAD H	4AL20ME015	Mohammed
14	NAVYASHREE H B	4AL20ME016	Navyashree
15	PALLAVI P	4AL20ME017	Pallavi
16	PAVANKUMAR H R	4AL20ME018	Pavankumar
17	RAKSHITH S	4AL20ME019	Rakshith
18	VARUN S BHANDARY	4AL20ME021	Varun
19	VIGNESH	4AL20ME022	Vignesh
20	DODDAMALLAIAH	4AL21ME400	Doddamallai
21	RAHUL KUMBAR	4AL21ME401	Rahul
22	RAKESH KELAGADE	4AL21ME402	Rakesh
23	SACHIN RATHOD	4AL21ME403	Sachin
24	SANDEEP JARALE	4AL21ME404	Sandeep

Semester : 4th semester

Sl no.	Name	USN	Sign
1	AJITH R	4AL21ME001	
2	AKHIL SHARMA K	4AL21ME002	
3	AKSHAY KRISHNA M	4AL21ME003	
4	CHARAN KUMAR	4AL21ME004	
5	DHARSHITH A	4AL21ME005	
6	MELVIN VINAY SERA	4AL21ME006	
7	MOHAMMAD SWALIH	4AL21ME007	
8	NARAYAN V	4AL21ME008	
9	NAVANEETH H SHETTY	4AL21ME009	
10	NITHIN M	4AL21ME010	
11	PAIGAMBAR S NADAF	4AL21ME011	
12	HASHWATH R GOWDA	4AL21ME013	
13	SUDESH D SHETTY	4AL21ME015	
14	KARTHIK VISWANATH DHANNUR	4AL22ME401	
15	PRAVEEN VEERAPPA CHAVADI	4AL22ME402	
17	KRISHNA KYADGIHALLI	4AL22ME403	
18	KARTHIK GOWDA B C	4AL22ME400	


Forum Coordinator


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FEEDBACK FORM

1. Name of the Resource Person : Mr Rishikesh Saringe

2. Topic of the Technical talk : INTRODUCTION TO VIRTUAL MACHINE TECHNOLOGY

Please give feedback on how well this session met its objectives, indicate your response by putting check mark to relevant box

Sl. No.		Poor	Fair	Good	Very good	Excellent
		1	2	3	4	5
1	Relevance of the topic in today's scenario		13%	5%	35%	47%
2	Clarity of the presentation		6%	20%	20%	54%
3	The presentation contained Practical examples & useful techniques that can be applied to current work			33%	52%	15%
4	The visual aids were effective				43%	57%
5	The resource person was knowledgeable about the topic & any related issues		2%	20%	59%	39%
6	Resource person clarified all queries			10%	81%	9%
7	How was your overall experience			13%	23%	64%

Any other comments : Participants had few queries regarding maintenance of regular lab.

Action Taken : all queries were answered by the resource person .


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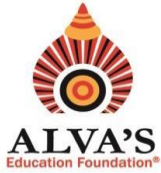
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DEPARTMENT OF MECHANICAL ENGINEERING

ADDITIVE MANUFACTURING & ITS IMPORTANCE



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Report On

ADDITIVE MANUFACTURING AND ITS APPLICATIONS

Mode: OFF LINE

Date :27/05/2023

Resource Person: Dr. Roopa S

Associate professor of Polymer Science and Technology,
Sri Jayachamarajendra college of Engineering

Outcome:

1. Student realized the latest advancements in the field of additive manufacturing ‘
2. interdisciplinary engineering was clearly explained & understood by the students
3. During the question answer session students have clarified all their doubts

Department of Mechanical Engineering Introduction The purpose of this report is to summarize a technical talk on "Additive Manufacturing and Its Applications" delivered to engineering students. The talk aimed to provide an overview of additive manufacturing, commonly known as 3D printing, and highlight its diverse applications in various engineering fields

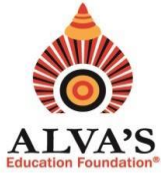
Overview of Additive Manufacturing: The talk commenced with an introduction to additive manufacturing. It explained that additive manufacturing is a process of creating three-dimensional objects by layering materials based on a digital model. Unlike traditional subtractive manufacturing techniques, such as cutting or machining, additive manufacturing builds objects layer by layer, offering greater design flexibility and customization.



Key Principles of Additive Manufacturing: The speaker discussed the key principles underlying additive manufacturing.



Digital Design: The process begins with a digital model of the object, created using computer-aided design (CAD) software or obtained from a 3D scan. Layer-by-Layer Construction: The object is divided into cross-sectional layers, and the printer adds material layer by layer, fusing



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or curing it to create the final product. **Material Selection:** Additive manufacturing employs a wide range of materials, including plastics, metals, ceramics, and composites, depending on the application requirements. **Post-Processing:** After printing, the object may require post-processing steps, such as curing, polishing, or painting, to achieve the desired final properties and appearance.

Applications of Additive Manufacturing: The talk explored the extensive applications of additive manufacturing in various engineering domains:

ANNEXURE



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Date -23/05/23

To

IQAC Chairman

AIET, Mijar

Respected Sir

Sub: Requesting for permission conduct a Technical talk

We are happy to inform you that Department of Mechanical Engineering, is planning to organize a technical talk on 27/05/23

The details are mentioned below, kindly request you do the needful.

Resource Person Details

Name: **Dr. Roopa S**

Designation: **Asst. Professor, Tumkur. Siddaganga Institute Of Technology Tumkur, Karnataka, India.**

Title : **ADDITIVE MANUFACTURING & ITS IMPORTANCE**

Date: **27/05/23**

Mode : **OFFLINE**



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Aiet/Mech/AY2022-23/015

Date-23/05/23

CIRCULAR

All the students from Department of Mechanical Engineering, are hereby informed to attend the Technical Talk by **Dr. Roopa S, Professor, Asst. Professor, Tumkur. Siddaganga Institute Of Technology Tumkur, Karnataka, India.**

Date: 27/05/23

Time: 03:00 pm-05:00 pm

Title of the Talk: ADDITIVE MANUFACTURING & ITS IMPORTANCE

Venue : CAMD lab,

MODE: OFFLINE


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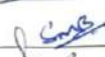


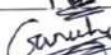


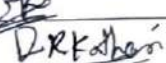


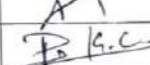
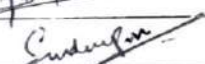
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DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY ATTENDANCE LIST

Sl.No.	Faculty Name	Signature
1	Dr. Satyanarayana	
2	Mr. Veerendra kumar	
3	Mr. Sharathchandra Prabhu	
4	Mr. G. B. Vaggar	
5	Mr. Hemanth Suvarna	
6	Mr. Suresh P S	
7	Mr. Sadashiv Bellubbi	
8	Mr. Kiran C H	
9	Mr. Pramod Badyankal	
10	Mr. M.R. Ganesh	
11	Mr. Kumar Swamy M.C	
12	Mr. Gopal Krishna U.B	
13	Mr. Deepak Kothari	
14	Mr. Srinivas C S	
15	Mr. Pramod kumar N	
16	Mr. Praveen K C	
17	Mr. Sudheer PN	

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DEPARTMENT OF MECHANICAL ENGINEERING

STUDENT ATTENDANCE LIST

Semester : 6th semester

SI no.	Name	USN	Sign
1	ADHWITH	4AL20ME001	Adwitya..
2	AKSHAR N	4AL20ME002	Akshar N
3	BABUGOUDA SHANKARAGOUDA	4AL20ME003	Babugouda
4	CHANDAN BHOSALE	4AL20ME004	Chandan
5	CH'RANTH H S	4AL20ME006	Chanth H S
6	DILEEP P R	4AL20ME007	Dileep P.R.
7	FRISON NIKHIL MARTIS	4AL20ME008	Nikhil
8	GIRISH B BANNIKOPPA	4AL20ME009	Girish
9	JENNY FERNANDES	4AL20ME011	Jenny
10	MANOJ KUMAR KARNAM	4AL20ME012	Manoj
11	MANU K N	4AL20ME013	Manu
12	MOHAMMED SWAHID	4AL20ME014	M. Swahid
13	MOHAMMED FAHAD H	4AL20ME015	Mohammed
14	NAVYASHREE H B	4AL20ME016	Navyashree
15	PALLAVI P	4AL20ME017	Pallavi
16	PAVANKUMAR H R	4AL20ME018	Pavankumar
17	RAKSHITH S	4AL20ME019	Rakshith
18	VARUN S BHANDARY	4AL20ME021	Varun
19	VIGNESH	4AL20ME022	Vignesh
20	DODDAMALLAIAH	4AL21ME400	Doddamalliah
21	RAHUL KUMBAR	4AL21ME401	Rahul
22	RAKESH KELAGADE	4AL21ME402	Rakesh
23	SACHIN RATHOD	4AL21ME403	Sachin
24	SANDEEP JARALE	4AL21ME404	Sandeep



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Semester : 4th semester

Sl no.	Name	USN	Sign
1	AJITH R	4AL21ME001	
2	AKHIL SHARMA K	4AL21ME002	
3	AKSHAY KRISHNA M	4AL21ME003	
4	CHARAN KUMAR	4AL21ME004	
5	DHARSHITH A	4AL21ME005	
6	MELVIN VINAY SERA	4AL21ME006	
7	MOHAMMAD SWALIH	4AL21ME007	
8	NARAYAN V	4AL21ME008	
9	NAVANEETH H SHETTY	4AL21ME009	
10	NITHIN M	4AL21ME010	
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15	PRAVEEN VEERAPPA CHAVADI	4AL22ME402	
17	KRISHNA KYADGIHALLI	4AL22ME403	
18	KARTHIK GOWDA B C	4AL22ME400	

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FEEDBACK FORM

1. Name of the Resource Person : Dr. Roopa S, Professor

2. Topic of the Technical talk : ADDITIVE MANUFACTURING & ITS IMPORTANCE

**Please give feedback on how well this session met its objectives, indicate your response
by putting check mark to relevant box**

Sl. No.		Poor	Fair	Good	Very good	Excellent
		1	2	3	4	5
1	Relevance of the topic in today's scenario		13%	5%	35%	47 %
2	Clarity of the presentation		6%	20%	30%	44%
3	The presentation contained Practical examples & useful techniques that can be applied to current work			23%	62%	15%
4	The visual aids were effective				53%	47%
5	The resource person was knowledgeable about the topic & any related issues		2%	10%	59%	29%
6	Resource person clarified all queries			20%	61%	19%
7	How was your overall experience			3%	43%	54%

Any other comments : Participants had few queries regarding maintenance of regular lab.

Action Taken : all queries were answered by the resource person .


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DEPARTMENT OF MECHANICAL ENGINEERING

**HOW TO BUILD HYPOTHESIS IN ENGINEERING, MANAGEMENT & SCIENCE BASED
RESEARCH**



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TECHNICAL TALK REPORT

Objectives of the Technical talk:

Technical talks in engineering colleges serve several important objectives, both for students and faculty. These talks are designed to provide a platform for students to gain knowledge, exposure, and insights into various technical subjects and emerging trends in engineering. Here are the main objectives of technical talks in engineering colleges:

1. Technical talks are a means to disseminate knowledge on a wide range of topics, including new technologies, engineering innovations, and research findings.
2. These talk / interactions help students and faculty stay updated with the latest developments in their respective fields.
3. Technical talks enhance the educational experience by providing students with the opportunity to learn from experts in the field. These talks can cover topics beyond the curriculum and practical understanding of engineering concepts.
4. Inviting accomplished professionals and researchers as speakers can inspire students to set higher goals



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HOW TO BUILD HYPOTHESIS IN ENGINEERING, MANAGEMENT & SCIENCE BASED RESEARCH

Mode: OFFLINE

Date: 12/06/23

Resource Person: Dr.Lewlyn L.R. Rodrigues

Rtd. Professor ,

Dept. of Humanities & Management , MIT, Manipal

Outcomes :

- 1.Students understood how to build hypothesis in engineering projects
2. Students showed interest towards research



Department of Mechanical Engineering organized a Research Methodology talk on ‘Hypothesis Building ’on 12/06/2023. The session was handled by Prof. Dr. Lewlyn L. Raj Rodrigues

He explained how Hypothesis Formulation is need to be conducted what are the learning objectives & he listed following points as learning objectives

Learning Objectives:

- 1) How to think like a researcher
- 2) Know the meaning & role of hypothesis in research
- 3) Comprehend criteria for hypothesis formulation
- 4) Identify the need for having a hypothesis in research
- 5) Understand characteristics types & concepts of hypothesis and test
- 6) Appreciate the decision rule in hypothesis testing
- 7) Exercise on hypothesis building



He also listed out the **Criteria For Hypothesis Formulation** which included Standards to be met in formulating a hypothesis It should be empirically testable, whether it is right or wrong

It should be specific and precise The statement in the hypothesis should not be contradictory
It should specify variables between which the relationship is to be established It should
describe only one issue.

He also Emphasized the Need for having Working Hypothesis citing valid reasons for the same
Gives a definite point to the investigation Specifies the sources of data, which shall be studied
in the right context Determines the data needs Suggests what type of research is likely to be
more appropriate Determines the most appropriate technique of analysis Contributes to the
development of theory.

Characteristics of Good Hypothesis:

- Conceptual Clarity
- Specificity
- Testability
- Availability of Techniques
- Theoretical relevance
- Consistency
- Objectivity
- Simplicity.





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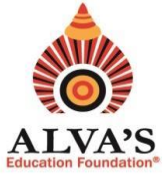
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Testing of Hypothesis – Limitations:

- The tests are only useful aids for decision-making. Hence, “proper interpretation of statistical evidence” is important to intelligent decisions.
- Test do not explain the reasons as to why does the difference exist, say between the means of the two samples.
- Results of significance tests are based on probabilities and as such cannot be expressed with full certainty.
- Statistical inferences based on the significance tests cannot be said to be entirely correct evidences concerning the truth of the hypotheses, especially in small samples. For greater reliability, the size of samples be sufficiently enlarged.

Hence, in problems of statistical significance, the inference techniques (or the tests) must be combined with adequate knowledge of the subject-matter along with the ability of good judgement.





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Conclusion:

hypothesis building is an essential process in scientific inquiry and research. It involves formulating educated guesses or predictions based on existing knowledge, observations, and logical reasoning. The primary purpose of hypothesis building is to guide and structure research investigations, enabling scientists to test and validate their ideas.

ANNEXURE



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Date -05/06/23

To

IQAC Chairman

AIET, Mijar

Respected Sir

Sub: Requesting for permission conduct a Technical talk

We are happy to inform you that Department of Mechanical Engineering, is planning to organize a technical talk on 12/06/23 The details are mentioned below, kindly request you do the needful.

Resource Person Details

Name: **Dr.Lewlyn L.R. Rodrigues**

Designation: **Professor, Dept. of Humanities & Management , MIT, Manipal**

Title : **HOW TO BUILD HYPOTHESIS IN ENGINEERING, MANAGEMENT & SCIENCE
BASED RESEARCH**

Venue: **CAMD lab**

Date/month/year: **12/06/23**

Mode : **OFFLINE**



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Aiet/Mech/AY2022-23/015

Date-5/06/23

CIRCULAR

All the students from Department of Mechanical Engineering, are hereby informed to attend the Technical Talk by **Dr. Lewlyn L.R. Rodrigues Professor, Dept. of Humanities & Management, MIT, Manipal**


Date: 12/06/23

Time: 03:00 pm-05:00 pm

**Title of the Talk: HOW TO BUILD HYPOTHESIS IN ENGINEERING,
MANAGEMENT & SCIENCE BASED RESEARCH**

Venue : CAMD lab,

MODE: OFFLINE


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Principal
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Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K

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Principal table/Deans/HODs/AO/Office/---



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DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY ATTENDANCE LIST

Sl.No.	Faculty Name	Signature
1	Dr. Satyanarayana	
2	Mr. Veerendra kumar	
3	Mr. Sharathchandra Prabhu	
4	Dr. G. B. Vaggar	
5	Mr. Hemanth Suvarna	
6	Mr. Suresh P S	
7	Mr. Sadashiv Bellubbi	
8	Mr. Kiran C H	
9	Mr. Pramod Badyankal	
10	Mr. M.R. Ganesh	
11	Mr. Kumar Swamy M.C	
12	Mr. Gopal Krishna U.B	
13	Mr. Deepak Kothari	
14	Mr. Srinivas C S	
15	Mr. Pramod kumar N	
16	Mr. Praveen K C	
17	Mr. Sudheer PN	

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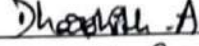


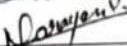


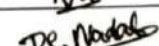
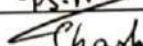



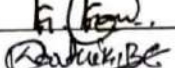
DEPARTMENT OF MECHANICAL ENGINEERING

STUDENT ATTENDANCE LIST

Semester : 6th semester

Sl no.	Name	USN	Sign
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2	AKSHAR N	4AL20ME002	Akshar N
3	BABUGOUDA SHANKARAGOUDA	4AL20ME003	Babugouda
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23	SACHIN RATHOD	4AL21ME403	Sachin
24	SANDEEP JARALE	4AL21ME404	Sandeep

Semester : 4th semester

Sl no.	Name	USN	Sign
1	AJITH R	4AL21ME001	
2	AKHIL SHARMA K	4AL21ME002	
3	AKSHAY KRISHNA M	4AL21ME003	
4	CHARAN KUMAR	4AL21ME004	
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FEEDBACK FORM

1. Name of the Resource Person: Dr. Lewlyn L.R. Rodrigues

2. Topic of the Technical talk: HOW TO BUILD HYPOTHESIS IN ENGINEERING, MANAGEMENT & SCIENCE BASED RESEARCH

Please give feedback on how well this session met its objectives, indicate your response by putting check mark to relevant box

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6	Resource person clarified all queries			20%	61%	19%
7	How was your overall experience			3%	23%	74%

Any other comments : Participants had few queries regarding maintenance of regular lab.

Action Taken : all queries were answered by the resource person .


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DEPARTMENT OF MECHANICAL ENGINEERING

CONTINUOUS PROCESS IMPROVEMENT USING LEAN SIX SIGMA



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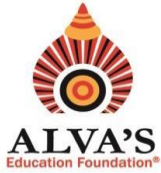
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4. Inviting accomplished professionals and researchers as speakers can inspire students to set higher goals



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Talk on

CONTINUOUS PROCESS IMPROVEMENT USING LEAN SIX SIGMA

Mode: ONLINE

Date: 15/06/23.

Resource Person: Mr. Rajgopal R G

International Trainer & strategic consultant

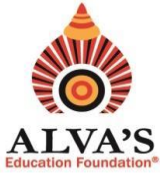
Outcome:

1. Students understood about six sigma techniques more in detail
2. More practical cases were explained hence more students understood Six sigma concepts evidently

Department of Mechanical Engineering has organized a technical talk on Continuous Process Improvement Using Lean Six Sigma on 15/06/23. The resource person was Mr. Rajgopal R G International Trainer & strategic consultant



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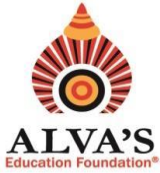


Guest spoke about the today's competitive business landscape, organizations strive for operational excellence and efficiency to deliver high-quality products and services while minimizing waste and errors. Lean Six Sigma is a powerful methodology that combines the principles of Lean manufacturing and Six Sigma to achieve precisely these goals. It provides a structured approach to continuous process improvement, ensuring that processes are streamlined, optimized, and aligned with customer needs.

Guest briefly discussed the concept of continuous process improvement using Lean Six Sigma. He mentioned about Understanding Lean Six Sigma: Lean focuses on eliminating waste, while Six Sigma focuses on reducing defects and variations in processes. When combined, they create a holistic framework that addresses both efficiency and quality. DMAIC Methodology: The cornerstone of Lean Six Sigma is the DMAIC methodology:

He also mentioned about the Benefits of Lean Six Sigma:

- **Improved Quality:** By reducing defects and variations, Lean Six Sigma enhances product and service quality.
- **Enhanced Efficiency:** Eliminating waste and optimizing processes leads to shorter cycle times and improved resource utilization.



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- Customer Satisfaction: Aligning processes with customer needs results in products and services that better meet customer expectations.
- Cost Reduction: Reducing waste, errors, and rework translates into cost savings.
- Data-Driven Decision Making: Lean Six Sigma relies on data analysis, ensuring that decisions are based on facts rather than assumptions.

Implementation Challenges for six sigma methods Resistance to Change Employees might resist process changes due to familiarity with the existing system. Lack of Leadership Support Successful implementation requires commitment from top management. Complexity Lean Six Sigma involves various tools and methodologies that might require training and expertise. Real-World Applications: Lean Six Sigma has been successfully applied in industries ranging from manufacturing and healthcare to finance and services. For example, Motorola and General Electric are known for their successful implementation of Six Sigma. Implementing Lean Six Sigma is not a one-time effort but an ongoing commitment to a culture of continuous improvement. This involves regular reviews, updates to processes, and employee involvement.

In conclusion, continuous process improvement using Lean Six Sigma is a systematic and data-driven approach to optimizing processes, reducing waste, and enhancing quality. By following the DMAIC methodology and embracing key Lean and Six Sigma concepts, organizations can achieve higher efficiency, improved customer satisfaction, and sustainable growth. It's a strategic investment that empowers organizations to adapt, evolve, and thrive in an ever-changing business landscape.

ANNEXURE



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Date -5/06/23

To

IQAC Chairman

AIET, Mijar

Respected Sir

Sub: Requesting for permission conduct a Technical talk

We are happy to inform you that Department of Mechanical Engineering, is planning to organize a technical talk on 15/06/2023.

The details are mentioned below, kindly request you do the needful.

Resource Person Details

Name: **Mr. Rajgopal R G**

Designation: **International Trainer & strategic consultant**

Title : **CONTINUOUS PROCESS IMPROVEMENT USING LEAN SIX SIGMA**

Venue: **CAMD lab**

Date/month/year: **15/06/23**

Mode : **ONLINE**

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Dept. Of Mechanical Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

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Aiet/Mech/AY2022-23/015

Date-5/06/23

CIRCULAR

All the students from Department of Mechanical Engineering, are hereby informed to attend the Technical Talk by **Mr. Rajgopal R G International Trainer & strategic consultant**

Date: 15/06/23

Time: 03:00 pm-05:00 pm

Title of the Talk: CONTINUOUS PROCESS IMPROVEMENT USING LEAN SIX SIGMA

Venue : CAMD lab,

MODE: ONLINE

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Alva's Institute of Engg. & Technology
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Principal
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DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY ATTENDANCE LIST

Sl.No.	Faculty Name	Signature
1	Dr. Satyanarayana	
2	Mr. Veerendra kumar	
3	Mr. Sharathchandra Prabhu	
4	Dr. G. B. Vaggar	
5	Mr. Hemanth Suvarna	
6	Mr. Suresh P S	
7	Mr. Sadashiv Bellubbi	
8	Mr. Kiran C H	
9	Mr. Pramod Badyankal	
10	Mr. M.R. Ganesh	
11	Mr. Kumar Swamy M.C	
12	Mr. Gopal Krishna U.B	
13	Mr. Deepak Kothari	
14	Mr. Srinivas C S	
15	Mr. Pramod kumar N	
16	Mr. Praveen K C	
17	Mr. Sudheer PN	

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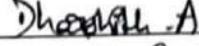


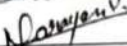


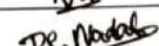
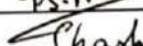




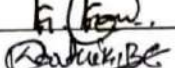
DEPARTMENT OF MECHANICAL ENGINEERING

STUDENT ATTENDANCE LIST

Semester : 6th semester

Sl no.	Name	USN	Sign
1	ADHWITH	4AL20ME001	Adwitya..
2	AKSHAR N	4AL20ME002	Akshar N
3	BABUGOUDA SHANKARAGOUDA	4AL20ME003	Babugouda
4	CHANDAN BHOSALE	4AL20ME004	Chandan
5	CH'RANTH H S	4AL20ME006	Chanth H S
6	DILEEP P R	4AL20ME007	Dileep P.R.
7	FRISON NIKHIL MARTIS	4AL20ME008	Frison
8	GIRISH B BANNIKOPPA	4AL20ME009	Girish B
9	JENNY FERNANDES	4AL20ME011	Jenny
10	MANOJ KUMAR KARNAM	4AL20ME012	Manoj
11	MANU K N	4AL20ME013	Manu K N
12	MOHAMMED SWAHID	4AL20ME014	M. Swahid
13	MOHAMMED FAHAD H	4AL20ME015	Mohammed
14	NAVYASHREE H B	4AL20ME016	Navyashree
15	PALLAVI P	4AL20ME017	Pallavi
16	PAVANKUMAR H R	4AL20ME018	Pavankumar H.R.
17	RAKSHITH S	4AL20ME019	Rakshith S
18	VARUN S BHANDARY	4AL20ME021	Varun S
19	VIGNESH	4AL20ME022	Vignesh
20	DODDAMALLAIAH	4AL21ME400	Doddamalliah
21	RAHUL KUMBAR	4AL21ME401	Rahul K
22	RAKESH KELAGADE	4AL21ME402	Rakesh Kelagade
23	SACHIN RATHOD	4AL21ME403	Sachin Rathod
24	SANDEEP JARALE	4AL21ME404	Sandeep Jarale

Semester : 4th semester

Sl no.	Name	USN	Sign
1	AJITH R	4AL21ME001	
2	AKHIL SHARMA K	4AL21ME002	
3	AKSHAY KRISHNA M	4AL21ME003	
4	CHARAN KUMAR	4AL21ME004	
5	DHARSHITH A	4AL21ME005	
6	MELVIN VINAY SERA	4AL21ME006	
7	MOHAMMAD SWALIH	4AL21ME007	
8	NARAYAN V	4AL21ME008	
9	NAVANEETH H SHETTY	4AL21ME009	
10	NITHIN M	4AL21ME010	
11	PAIGAMBAR S NADAF	4AL21ME011	
12	HASHWATH R GOWDA	4AL21ME013	
13	SUDESH D SHETTY	4AL21ME015	
14	KARTHIK VISWANATH DHANNUR	4AL22ME401	
15	PRAVEEN VEERAPPA CHAVADI	4AL22ME402	
17	KRISHNA KYADGIHALLI	4AL22ME403	
18	KARTHIK GOWDA B C	4AL22ME400	


Forum Coordinator


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FEEDBACK FORM

1. Name of the Resource Person : Mr. Rajgopal R G

2. Topic of the Technical talk : CONTINUOUS PROCESS IMPROVEMENT USING LEAN SIX SIGMA

Please give feedback on how well this session met its objectives, indicate your response by putting check mark to relevant box

Sl. No.		Poor	Fair	Good	Very good	Excellent
		1	2	3	4	5
1	Relevance of the topic in today's scenario		13%	15%	35%	37 %
2	Clarity of the presentation		16%	10%	30%	44%
3	The presentation contained Practical examples & useful techniques that can be applied to current work			33%	62%	5%
4	The visual aids were effective				53%	47%
5	The resource person was knowledgeable about the topic & any related issues		2%	20%	39%	39%
6	Resource person clarified all queries			20%	81%	19%
7	How was your overall experience			13%	23%	64%

Any other comments : Participants had few queries regarding maintenance of regular lab.

Action Taken : all queries were answered by the resource person .


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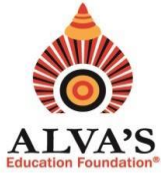
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DEPARTMENT OF MECHANICAL ENGINEERING

IMPORTANCE OF UPSKILLING IN ENGINEERING



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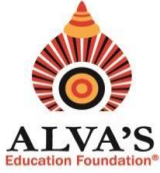
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TECHNICAL TALK REPORT

Objectives of the Technical talk:

Technical talks in engineering colleges serve several important objectives, both for students and faculty. These talks are designed to provide a platform for students to gain knowledge, exposure, and insights into various technical subjects and emerging trends in engineering. Here are the main objectives of technical talks in engineering colleges:

1. Technical talks are a means to disseminate knowledge on a wide range of topics, including new technologies, engineering innovations, and research findings.
2. These talk / interactions help students and faculty stay updated with the latest developments in their respective fields.
3. Technical talks enhance the educational experience by providing students with the opportunity to learn from experts in the field. These talks can cover topics beyond the curriculum and practical understanding of engineering concepts.
4. Inviting accomplished professionals and researchers as speakers can inspire students to set higher goals



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THE IMPORTANCE OF UP SKILLING IN AN ENGINEERING CAREER

Mode: OFFLINE

Date: 20/06/2023

Resource person: Mr. Giridhar Salian

**Director Karnataka German Technical Training Institute (KGTTI),
Mangaluru**

Outcomes : Attendees realised the need for upskilling oneself in this competitive world

Department of Mechanical Engineering has organized a technical talk on The Importance of Up skilling in an Engineering Career on 20/06/2023. The resource person was Mr. Giridhar Salian Director Karnataka German Technical Training Institute (KGTTI), Mangaluru

Guest briefly spoke about the importance of up skilling In today's rapidly evolving technological landscape, up skilling has become essential for professionals in every field, and engineering is no exception. The engineering industry is characterized by constant advancements, innovations, and changes, and staying relevant requires continuous learning and acquiring new skills.

Here's why up skilling is crucial for a successful engineering career **Adapting to Technological Advancements** Technology is constantly evolving, and new tools, software, and methodologies emerge regularly. Up skilling ensures that engineers can effectively leverage the latest



technologies, keeping their skills aligned with industry trends. **Staying Competitive** The job market is highly competitive, and employers seek engineers with up-to-date skills and expertise. Up skilling enhances your marketability and makes you a more attractive candidate for new opportunities and advancements. **Embracing Innovation** Engineering is at the



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forefront of innovation. Up skilling allows engineers to understand and adopt cutting-edge technologies, fostering creativity and enabling them to contribute to innovative projects. .

Enhancing Job Performance New skills often lead to improved job performance. Engineers who acquire additional knowledge can work more efficiently, solve complex problems, and contribute positively to their projects.

Diversifying Skill Sets Up skilling allows engineers to diversify their skill sets. A mechanical engineer might learn about data analytics or programming, expanding their range of expertise and opening up new career paths.

Meeting Industry Demands Industries frequently evolve due to changes in regulations, customer preferences, and global trends. Engineers who up skill can adapt to these changes and continue to meet industry demands effectively.

Addressing Skill Gaps Identifying and addressing skill gaps through up skilling ensures that engineers are well-equipped to take on challenges in their roles. It fills knowledge voids and prepares them for the demands of their jobs.

Personal and Professional Growth Learning new skills fosters personal and professional growth. It boosts confidence, increases job satisfaction, and provides a sense of accomplishment.

Leadership Opportunities Up skilled engineers often emerge as leaders within their organizations. Their ability to guide teams, make informed decisions, and drive projects forward positions them for leadership roles.

Future-Proofing Careers As industries transform with automation, artificial intelligence, and other technologies, some roles might become obsolete. Up skilling helps engineers stay relevant, ensuring their careers are future-proofed.

Networking and Collaboration Learning new skills often involves interacting with peers, mentors, and experts.

This fosters networking and collaboration, enriching an engineer's professional connections and opening doors to collaborative projects.

Economic Benefits Up skilling can lead to higher earning potential. Engineers with specialized skills and expertise are often offered higher salaries and better opportunities for advancement.

In conclusion, up skilling is a continuous journey that plays a pivotal role in an engineer's career trajectory. The fast-paced nature of the engineering field demands adaptability, and those who invest in learning and growing their skill sets position themselves for long-term success. Through up skilling, engineers can remain relevant, innovative, and valuable contributors in an ever-changing and dynamic industry.

ANNEXURE



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Date -15/06/23

To

IQAC Chairman

AIET, Mijar

Respected Sir

Sub: Requesting for permission conduct a Technical talk

We are happy to inform you that Department of Mechanical Engineering, is
planning to organize a technical talk on 20/06/2023

The details are mentioned below, kindly request you do the needful.

Resource Person Details

Name: Mr. Giridhar Salian

Designation: Director Karnataka German Technical Training Institute (KGTTI), Mangaluru

Title : **INTRODUCTION TO VIRTUAL MACHINE TECHNOLOGY**


Venue: **CAMD lab**

Date/month/year: **20/06/2023**

Mode : **OFFLINE**


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Aiet/Mech/AY2022-23/015

Date-15/06/23

CIRCULAR

All the students from Department of Mechanical Engineering, are hereby informed to attend the Technical Talk by Mr. Giridhar Salian, Director Karnataka German Technical Training Institute (KGTI), Mangaluru

Date: 20/06/2023

Time: 03:00 pm-05:00 pm

Title of the Talk: : IMPORTANCE OF UPSKILLING IN ENGINEERING CAREER

Venue : CAMD lab,

MODE: OFFLINE

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DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY ATTENDANCE LIST

Sl.No.	Faculty Name	Signature
1	Dr. Satyanarayana	
2	Mr. Veerendra kumar	
3	Mr. Sharathchandra Prabhu	
4	Dr. G. B. Vaggar	
5	Mr. Hemanth Suvarna	
6	Mr. Suresh P S	
7	Mr. Sadashiv Bellubbi	
8	Mr. Kiran C H	
9	Mr. Pramod Badyankal	
10	Mr. M.R. Ganesh	
11	Mr. Kumar Swamy M.C	
12	Mr. Gopal Krishna U.B	
13	Mr. Deepak Kothari	
14	Mr. Srinivas C S	
15	Mr. Pramod kumar N	
16	Mr. Praveen K C	
17	Mr. Sudheer PN	

HOD.

HOD Mechanical Engineering
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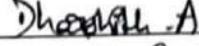


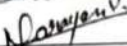


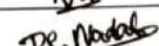
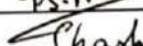




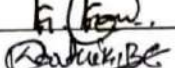
DEPARTMENT OF MECHANICAL ENGINEERING

STUDENT ATTENDANCE LIST

Semester : 6th semester

Sl no.	Name	USN	Sign
1	ADHWITH	4AL20ME001	Adwitya..
2	AKSHAR N	4AL20ME002	Akshar N
3	BABUGOUDA SHANKARAGOUDA	4AL20ME003	Babugouda
4	CHANDAN BHOSALE	4AL20ME004	Chandan
5	CH'RANTH H S	4AL20ME006	Chanth H S
6	DILEEP P R	4AL20ME007	Dileep P.R.
7	FRISON NIKHIL MARTIS	4AL20ME008	Frison
8	GIRISH B BANNIKOPPA	4AL20ME009	Girish B
9	JENNY FERNANDES	4AL20ME011	Jenny
10	MANOJ KUMAR KARNAM	4AL20ME012	Manoj K
11	MANU K N	4AL20ME013	Manu K N
12	MOHAMMED SWAHID	4AL20ME014	M. Swahid
13	MOHAMMED FAHAD H	4AL20ME015	Mohammed
14	NAVYASHREE H B	4AL20ME016	Navyashree
15	PALLAVI P	4AL20ME017	Pallavi
16	PAVANKUMAR H R	4AL20ME018	Pavankumar H.R.
17	RAKSHITH S	4AL20ME019	Rakshith S
18	VARUN S BHANDARY	4AL20ME021	Varun S
19	VIGNESH	4AL20ME022	Vignesh
20	DODDAMALLAIAH	4AL21ME400	Doddamalliah
21	RAHUL KUMBAR	4AL21ME401	Rahul K
22	RAKESH KELAGADE	4AL21ME402	Rakesh Kelagade
23	SACHIN RATHOD	4AL21ME403	Sachin Rathod
24	SANDEEP JARALE	4AL21ME404	Sandeep Jarale

Semester : 4th semester

Sl no.	Name	USN	Sign
1	AJITH R	4AL21ME001	
2	AKHIL SHARMA K	4AL21ME002	
3	AKSHAY KRISHNA M	4AL21ME003	
4	CHARAN KUMAR	4AL21ME004	
5	DHARSHITH A	4AL21ME005	
6	MELVIN VINAY SERA	4AL21ME006	
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18	KARTHIK GOWDA B C	4AL22ME400	


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FEEDBACK FORM

1. Name of the Resource Person : Mr. Giridhar Salian

2. Topic of the Technical talk : IMPORTANCE OF UPSKILLING IN ENGINEERING
CAREER

Please give feedback on how well this session met its objectives, indicate your response
by putting check mark to relevant box

Sl. No.		Poor	Fair	Good	Very good	Excellent
		1	2	3	4	5
1	Relevance of the topic in today's scenario		3%	25%	35%	37 %
2	Clarity of the presentation		6%	20%	50%	24%
3	The presentation contained Practical examples & useful techniques that can be applied to current work			33%	52%	15%
4	The visual aids were effective				53%	47%
5	The resource person was knowledgeable about the topic & any related issues		2%	10%	39%	49%
6	Resource person clarified all queries			20%	61%	19%
7	How was your overall experience			3%	43%	54%

Any other comments : Participants had few queries regarding maintenance of regular lab.

Action Taken : all queries were answered by the resource person .


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DEPARTMENT OF MECHANICAL ENGINEERING

LIFE MISSION TOWARDS PROTECTION OF ENVIRONMENT



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TECHNICAL TALK REPORT

Objectives of the Technical talk:

Technical talks in engineering colleges serve several important objectives, both for students and faculty. These talks are designed to provide a platform for students to gain knowledge, exposure, and insights into various technical subjects and emerging trends in engineering. Here are the main objectives of technical talks in engineering colleges:

1. Technical talks are a means to disseminate knowledge on a wide range of topics, including new technologies, engineering innovations, and research findings.
2. These talk / interactions help students and faculty stay updated with the latest developments in their respective fields.
3. Technical talks enhance the educational experience by providing students with the opportunity to learn from experts in the field. These talks can cover topics beyond the curriculum and practical understanding of engineering concepts.
4. Inviting accomplished professionals and researchers as speakers can inspire students to set higher goals



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LIFE MISSION TOWARDS PROTECTION OF ENVIRONMENT

Mode: Offline

Date: 08/07/2023

Resource Person: Dr. Ravi D.R.

Environmental Engineer

Karnataka State Pollution Control Board

Mangalore

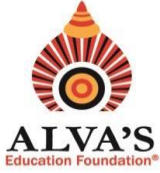
Outcomes :

1. After attending the session students have understood the importance of environment & need to protect it.
2. Students have pledged themselves for the protection of environment

Department of Mechanical Engineering has organized a technical talk on The Importance of Up skilling in an Engineering Career on 20/06/2023. The resource person was Dr. Ravi D.R. Environmental Engineer Karnataka State Pollution Control Board Mangalore has delivered a technical talk on 08/07/2023.

Mode: OFFLINE

He emphasized on the impact of human activities on our Eco system and natural resources such as water resources, mineral resources and Forest resources. The development in the civilization is leading for the threat to our environment. In order to overcome the impact on our environment some of the suggestions and remedial measures have been focused. Adopting sound environmental protection measures will ensure that "we can meet our present needs without compromising the ability of future generations to meet their own needs". Environmental protection requires the adaptation of indigenous skills and the learning of new ways to avoid increasing dependence on outside support. It illustrates the paradox that learning new methods and adapting old ways can be a key to securing the future of indigenous cultures. It is the efforts of communities under the guidance of their leaders and the input of dedicated and inspired individuals that have been most effective in using environmental protection measures to reduce the risk and consequences of disasters and to better coordinate relief



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activities. In Africa, there are many examples of successful projects that include community participation and illustrate the benefits of environmental protection and disaster risk reduction.



Dr. Ravi D R addressing the gathering

ANNEXURE



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Ph: 08258-262725; Mob:722262724,7026262725,mail:principalaiet08@gmail.com

Date -15/06/23

To

IQAC Chairman

AIET, Mijar

Respected Sir

Sub: Requesting for permission conduct a Technical talk

We are happy to inform you that Department of Mechanical Engineering, is planning to organize a technical talk on 20/06/2023

The details are mentioned below, kindly request you do the needful.

Resource Person Details

Name: Mr. Giridhar Salian

Designation: Director Karnataka German Technical Training Institute (KGTTI), Mangaluru

Title : **INTRODUCTION TO VIRTUAL MACHINE TECHNOLOGY**


Venue: **CAMD lab**

Date/month/year: **20/06/2023**

Mode : **OFFLINE**


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Aiet/Mech/ay2022-23/015

Date-15/06/23

CIRCULAR

All the students from Department of Mechanical Engineering, are hereby informed to attend the Technical Talk by Mr. Giridhar Salian, Director Karnataka German Technical Training Institute (KGTI), Mangaluru

Date: 20/06/2023

Time: 03:00 pm-05:00 pm

Title of the Talk: : IMPORTANCE OF UPSKILLING IN ENGINEERING CAREER

Venue : CAMD lab,

MODE: OFFLINE

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Principal table/Deans/HODs/AO/Office/---



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DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY ATTENDANCE LIST

Sl.No.	Faculty Name	Signature
1	Dr. Satyanarayana	
2	Mr. Veerendra kumar	
3	Mr. Sharathchandra Prabhu	
4	Dr. G. B. Vaggar	
5	Mr. Hemanth Suvarna	
6	Mr. Suresh P S	
7	Mr. Sadashiv Bellubbi	
8	Mr. Kiran C H	
9	Mr. Pramod Badyankal	
10	Mr. M.R. Ganesh	
11	Mr. Kumar Swamy M.C	
12	Mr. Gopal Krishna U.B	
13	Mr. Deepak Kothari	
14	Mr. Srinivas C S	
15	Mr. Pramod kumar N	
16	Mr. Praveen K C	
17	Mr. Sudheer PN	

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DEPARTMENT OF MECHANICAL ENGINEERING

STUDENT ATTENDANCE LIST

Semester : 6th semester

Sl no.	Name	USN	Sign
1	ADHWITH	4AL20ME001	Adwitya..
2	AKSHAR N	4AL20ME002	Akshar N
3	BABUGOUDA SHANKARAGOUDA	4AL20ME003	Babugouda
4	CHANDAN BHOSALE	4AL20ME004	Chandan
5	CH'RANTH H S	4AL20ME006	Chanth H S
6	DILEEP P R	4AL20ME007	Dileep P.R.
7	FRISON NIKHIL MARTIS	4AL20ME008	Frison
8	GIRISH B BANNIKOPPA	4AL20ME009	Girish B
9	JENNY FERNANDES	4AL20ME011	Jenny
10	MANOJ KUMAR KARNAM	4AL20ME012	Manoj
11	MANU K N	4AL20ME013	Manu K N
12	MOHAMMED SWAHID	4AL20ME014	M. Swahid
13	MOHAMMED FAHAD H	4AL20ME015	Mohammed
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22	RAKESH KELAGADE	4AL21ME402	Rakesh Kelagade
23	SACHIN RATHOD	4AL21ME403	Sachin
24	SANDEEP JARALE	4AL21ME404	Sandeep



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Semester : 4th semester

Sl no.	Name	USN	Sign
1	AJITH R	4AL21ME001	
2	AKHIL SHARMA K	4AL21ME002	
3	AKSHAY KRISHNA M	4AL21ME003	
4	CHARAN KUMAR	4AL21ME004	
5	DHARSHITH A	4AL21ME005	
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15	PRAVEEN VEERAPPA CHAVADI	4AL22ME402	
17	KRISHNA KYADGIHALLI	4AL22ME403	
18	KARTHIK GOWDA B C	4AL22ME400	

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Please give feedback on how well this session met its objectives, indicate your response
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3	The presentation contained Practical examples & useful techniques that can be applied to current work			33%	52%	15%
4	The visual aids were effective				53%	47%
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6	Resource person clarified all queries			20%	61%	19%
7	How was your overall experience			3%	43%	54%

Any other comments : Participants had few queries regarding maintenance of regular lab.

Action Taken : all queries were answered by the resource person .


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