

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

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MOODBIDRI

BOOT CAMP REPORT (Pre-Placement Training) AY 2024-25

AMP 2024-25

-2⁵

BOOT CAMP 202⁴

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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

Autonomous Institute, Affiliated to Visvesvaraya Technological University, Belagavi



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**DEPARTMENT OF MECHANICAL ENGINEERING****BOOT CAMP SCHEDULE (Tentative)**

Sl. No.	Date	TIME	Program	Organizing Department	Faculty Assigned
1	27/8/24	09:00 a.m. to 05:00 p.m.	Aptitude training	Department of Placement	FN: GMR
					AF: PKC
2	28/8/24	09:00 a.m. to 05:00 p.m.	Aptitude training	Department of Placement	FN: SCP
					AF: DK
3	29/8/24	09:00 a.m. to 05:00 p.m.	Aptitude training	Department of Placement	FN: SPS
					AF: PVB
4	30/8/24	09:00 a.m. to 05:00 p.m.	Aptitude training	Department of Placement	FN: HS
					AF: VK

5	31/8/24	09:00 a.m. to 05:00 p.m.	Aptitude training	Department of Placement	FN: GBV
					AF: GMR
6	1/9/2024	SUNDAY	SUNDAY	SUNDAY	
7	2/9/2024	09:00 a.m. to 05:00 p.m.	Soft skill	Department of Placement	FN: SCP
					AF: DK
8	3/9/2024	09:00 a.m. to 05:00 p.m.	Soft skill	Department of Placement	FN: SPS
					AF: PVB
9	4/9/2024	09:00 a.m. to 05:00 p.m.	Soft skill	Department of Placement	FN: HS
					AF: SCS
10	5/9/2024	09:00 a.m. to 05:00 p.m.	Spreadsheet theory and hands-on training	SCP (In house faculty)	FN: GBV
					AF: GMR
11	6/9/2024	09:00 a.m. to 05:00 p.m.	Report writing and end note software uses	SN+SPS (In house faculty)	FN: MCK
					AF: PKC
12	7/9/2024	Ganesh Chaturthi festival			
13	8/9/2024	SUNDAY	SUNDAY	SUNDAY	
14	9/9/2024	09:00 a.m. to 05:00 p.m.	TOOL & DIE DESIGN	GTTC, Mangalore	PKC

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15	10/9/2024	09:00 a.m. to 05:00 p.m.	TOOL & DIE DESIGN	GTTC, Mangalore	DK
16	11/9/2024	09:00 a.m. to 05:00 p.m.	TOOL & DIE DESIGN	GTTC, Mangalore	PVB
17	12/9/2024	09:00 a.m. to 05:00 p.m.	TOOL & DIE DESIGN	GTTC, Mangalore	HS
18	13/9/2024	09:00 a.m. to	TOOL & DIE	GTTC, Mangalore	MCK



		05:00 p.m.	DESIGN		
19	14/9/2024	09:00 a.m. to 05:00 p.m.	Alumni interaction	Department of ME	FN: SPS AF: PVB
20	15/9/2024	SUNDAY	SUNDAY	SUNDAY	
21	16/9/2024	09:00 a.m. to 05:00 p.m.	CREO FOR DESIGN	GTTC, Mangalore	PKC
22	17/9/2024	09:00 a.m. to 05:00 p.m.	CREO FOR DESIGN	GTTC, Mangalore	SCP
23	18/9/2024	09:00 a.m. to 05:00 p.m.	CREO FOR DESIGN	GTTC, Mangalore	SPS
24	19/9/2024	09:00 a.m. to 05:00 p.m.	CREO FOR DESIGN	GTTC, Mangalore	VK
25	20/9/2024	09:00 a.m. to 05:00 p.m.	CREO FOR DESIGN	GTTC, Mangalore	GMR
26	21/9/2024	09:00 a.m. to 05:00 p.m.	CREO FOR DESIGN	GTTC, Mangalore	SCS

VK:	Prof. Veerendra Kamboli	GMR :	Prof. Ganesh M R
	Prof. Sharathchandra Prabhu	MCK :	Dr. Kumar Swamy M C
	Dr. Gurushanth B Vaggar	DK:	Prof. Deepak Kothari
	Hemanth Suvarna	PKC:	Prof. Praveen K C
SPS:	Dr. Suresh P S	SCS:	Prof. Srinivasa C S
	Dr. Pramod V Badyankal		

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APTITUDE TRAINING

Date: 28-08-2024 to 01-09-2024 (5 Days)

Time: 9.00 AM to 5.00 PM

Introduction

The Pre-Placement Training (PPT) program, a vital Boot Camp for final-year engineering students, is designed to prepare them for successful career placements. This comprehensive 5-day training focuses on enhancing verbal ability and aptitude skills, which are crucial for employer assessments. Each day features interactive sessions covering logical reasoning, quantitative aptitude, and effective communication techniques. Participants engage in practice exercises, group discussions, and mock interviews to build confidence and proficiency. By the end of the program, students are empowered with the essential tools to excel in placement interviews and secure promising job opportunities.

Trainer Details:

Mr Gajanan Naik

Aptitude Trainer

10 SECONDS Arya Hamsa,
Royal County 80 feet road,
J P Nagar.8th Phase Bangalore - 83

Training Objective:

The primary goal of this training program was to equip students with strong verbal communication skills and a solid foundation in aptitude. These essential skills enhance interview performance and foster effective workplace communication and problem-solving, preparing students for successful careers in their respective fields.

Contents of the Training:

Mr. Gajanan Naik from 10 Seconds, Bengaluru, conducted an engaging five-day aptitude training program to equip participants with essential skills for academic and professional success. The training was designed to enhance logical reasoning, quantitative aptitude, and verbal ability, crucial for various competitive exams and job assessments.

Day 1: Introduction to Aptitude and Logical Reasoning

The training kicked off with an overview of aptitude and its significance in everyday problem-solving. Mr. Naik introduced participants to logical reasoning, focusing on syllogisms, analogies, and statement conclusion questions. Interactive sessions included practice problems and group discussions, allowing attendees to grasp concepts collaboratively. The day concluded with a quiz to assess understanding and encourage healthy competition.

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Day 2: Quantitative Aptitude Fundamentals

The second day centered on quantitative aptitude. Mr. Naik covered essential topics such as percentages, ratios, and basic algebra. He emphasized problem-solving techniques and shortcuts to tackle numerical questions efficiently. Participants engaged in hands-on exercises, reinforcing their understanding through real-world applications. Group activities promoted teamwork and allowed



participants to learn from each other's approaches to problem-solving.

Day 3: Advanced Quantitative Techniques

Building on the previous day, the third session delved into more advanced quantitative concepts, including time, speed, distance, and data interpretation. Mr. Naik introduced various types of graphs and charts, teaching participants how to extract and interpret data effectively. The day included timed practice sessions, simulating exam conditions to enhance speed and accuracy. Feedback was provided to help participants identify their strengths and areas for improvement.

Day 4: Verbal Ability and Communication Skills

The focus shifted on the fourth day to verbal ability and its role in effective communication. Mr. Naik covered vocabulary building, comprehension skills, and grammar essentials. Participants practised summarizing passages and answering related questions, honing their analytical skills. Additionally, the session included tips on public speaking and conveying ideas clearly, crucial for interviews and presentations. Role-playing exercises encouraged participants to apply these skills in a supportive environment.

Day 5: Mock Tests and Review

The final day was dedicated to consolidating knowledge through mock tests that simulated real exam conditions. Participants took part in comprehensive assessments covering logical reasoning, quantitative aptitude, and verbal ability. Afterwards, Mr. Naik facilitated a detailed review of the tests, discussing common mistakes and strategies for improvement. The session ended with a motivational talk, inspiring participants to maintain their momentum and continue honing their skills beyond the training.

Overall, Mr. Gajanan Naik's aptitude training at 10 Seconds, Bengaluru, provided a comprehensive and interactive learning experience. Participants were left equipped with the tools and confidence needed to tackle future challenges in exams and professional settings. The blend of theory, practical application, and supportive feedback created a conducive learning environment, fostering growth and development for all involved.

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Training Methodology:

The training was conducted through a combination of interactive lectures, group discussions, practical exercises, and mock interviews to enhance learning. Real-world scenarios and industry-specific examples made the content relevant to students' future careers. Additionally, guest speakers from various industries shared valuable insights on the importance of verbal ability and aptitude in different job roles, providing students with a deeper understanding of how these skills impact their professional success. This comprehensive approach ensured an engaging and informative training experience.



Feedback:

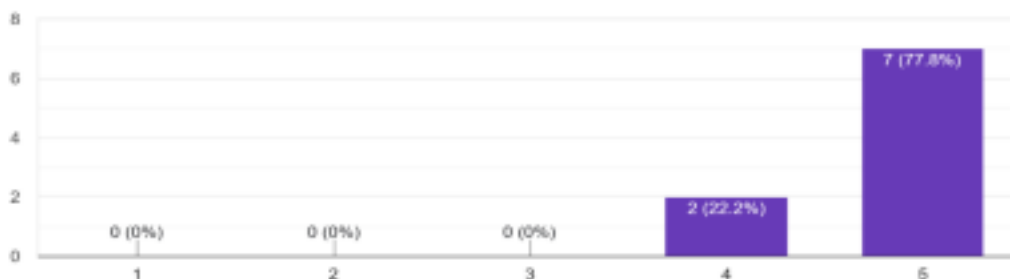
After the aptitude training, feedback was collected to assess students' understanding of the program and identify areas for improvement. This evaluation aimed to gauge the effectiveness of the training and ensure future programs are tailored to better meet students' needs and enhance their learning experience.

Feedback on aptitude training:

1: Poor, 2: Average, 3: Good, 4: Very Good, 5: Excellent

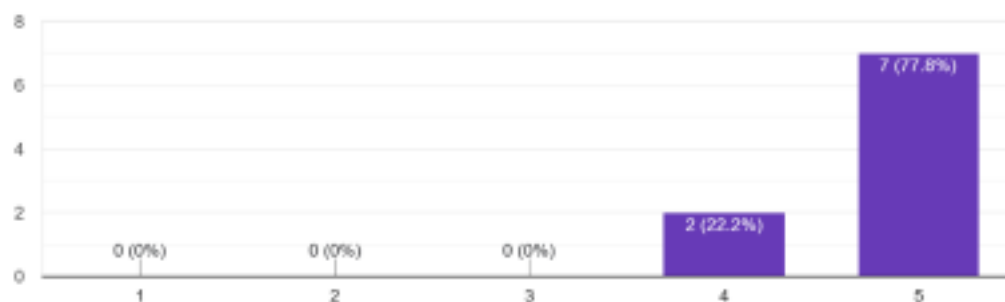
Give the topics that were covered in the aptitude training sessions a rating.

9 responses



Rate the trainer's clarity in presenting the concepts.

9 responses



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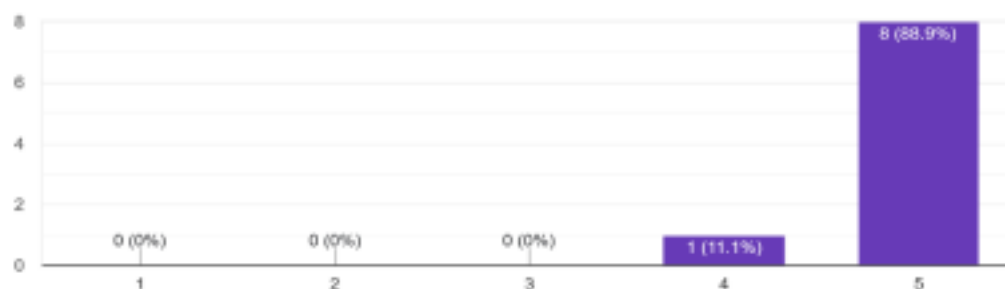
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Does training resources for aptitude are beneficial and enhance your capacity for learning.

9 responses





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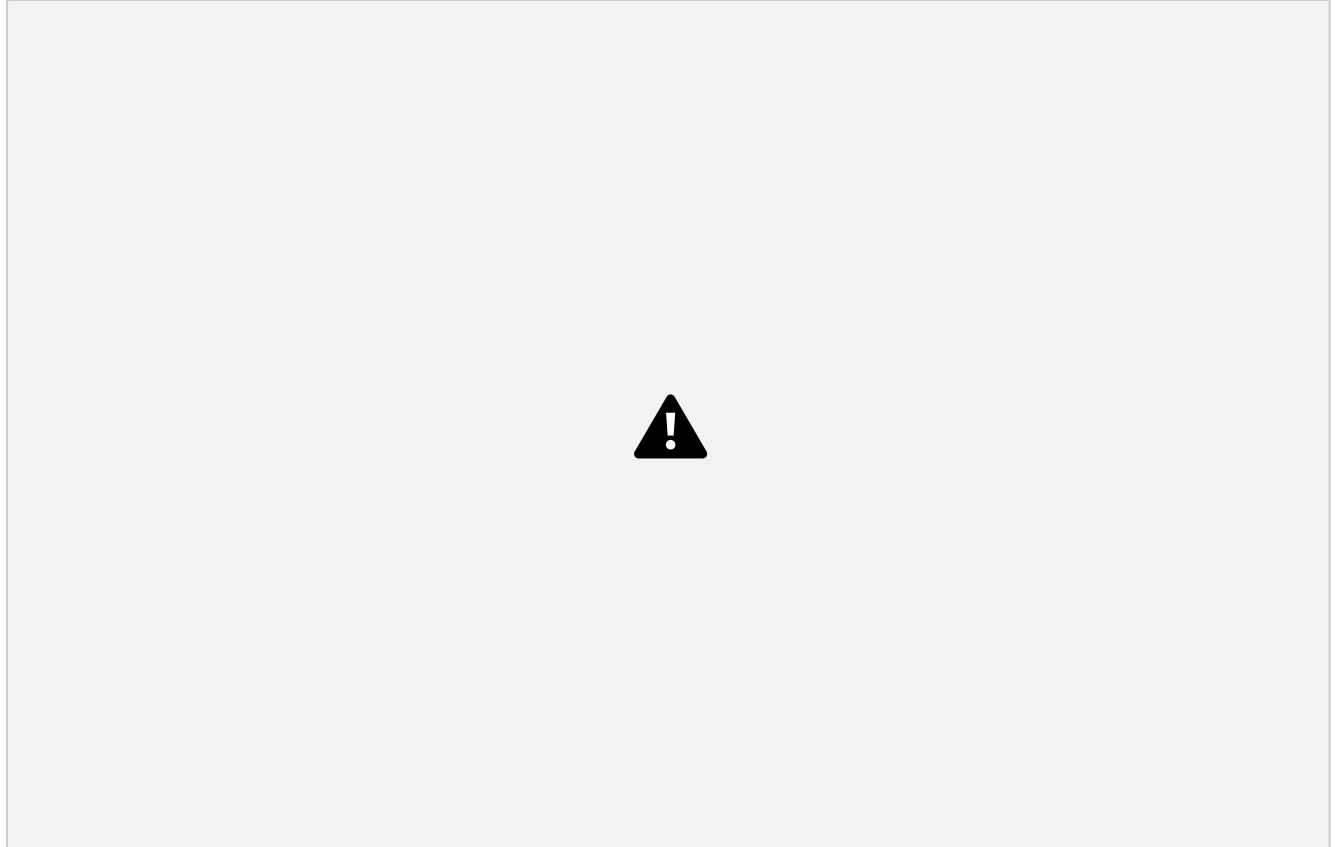
principalaiet08@gmail.com **Outcome:**

The 5-day verbal ability and aptitude training significantly benefited participating students. They reported increased confidence in communication, improved grammar and language skills, and enhanced problem-solving abilities. Mock interview sessions allowed students to refine their techniques, leading to better performance in subsequent interviews. Overall, the program effectively equipped students with essential skills, fostering their growth and readiness for future challenges in verbal communication and professional settings.

Conclusion:

Effective verbal communication and aptitude skills are essential for engineering students' success in career placements. This 5-day training program successfully equipped students with the skills and knowledge needed to excel in interviews and thrive in their future professional endeavours. By focusing on transferable skills applicable across various industries, the training significantly contributes to the holistic development of engineering students. Ultimately, it enhances their employability prospects, ensuring they are well-prepared to meet the demands of competitive jobs.

Aptitude Training Photos:



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Aptitude Training by Mr. Gajanan Naik.

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SOFT SKILL TRAINING

Date: 02-09-2024 to 04-09-2024 (3 Days)	Time: 9.00 AM to 5.00 PM
Venue: Room No. 505, ME Block, AIET.	Total Training Hours: 21

Introduction

In today's competitive job market, technical skills alone are insufficient for success; soft skills are crucial for holistic development. These skills enable individuals to communicate effectively, collaborate efficiently, and adapt to evolving work environments. To address this need, a three-day soft skills training program was conducted for engineering students, incorporating sessions on resume development and mock interviews. The training aimed to equip participants with essential interpersonal skills and strategies to enhance their employability and career prospects, ensuring they are well-prepared to meet the demands of potential employers.

Trainer Details:

Mr Karthik

Soft Skill Trainer

Aerodynamiks Academy

Mumbai.

Training Objective:

The primary goal of this training program was to equip students with strong verbal communication skills and a solid foundation in aptitude. These essential skills enhance interview performance and foster effective workplace communication and problem-solving, preparing students for successful careers in their respective fields.

Contents of the Training:

Mr. Karthik, soft skill trainer from Aerodynamiks Academy, Mumbai, conducted an engaging three-day soft skill training program to equip participants with holistic development of an individual, enabling them to communicate effectively, collaborate efficiently, and adapt to changing work environments.

Day 1: The first-day first session highlighted the importance of effective communication in professional settings. Participants explored verbal and nonverbal communication, active listening, and clarity in expressing ideas. Through practical exercises, role-playing, and group discussions, they practised and refined their skills, enhancing their ability to communicate confidently and effectively.

The second session of day one focused on building strong interpersonal skills essential for collaborative work environments. Participants explored concepts like teamwork, conflict resolution, and networking. Engaging in team-building activities and case studies, they learned how effective interpersonal skills foster cooperation and communication. By the end, attendees recognized the vital role these skills play in driving successful career growth.

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Day 2: The second day's first session focused on time management and organizational techniques to enhance productivity. Participants discussed strategies for setting priorities, managing tasks, and achieving a balanced work-life schedule. Through interactive exercises, they identified personalized approaches to effectively manage their time. By the end, attendees gained valuable insights to optimize their productivity and reduce stress in their professional lives.

The second session of the second day concentrated on crafting compelling resumes and cover letters. Participants learned how to effectively highlight their skills, experiences, and achievements. The

session also covered interview preparation techniques, emphasizing the importance of researching the company, understanding job roles, and formulating responses to common interview questions, equipping attendees with tools for successful job applications.

Day 3: In the first session of the third day, participants were introduced to behavioural interviews and the STAR (Situation, Task, Action, Result) technique for answering behaviour-based questions. Mock interview scenarios provided a platform for students to practice articulating their experiences and skills in a structured manner. This hands-on approach boosted their confidence and prepared them for real interview situations.

The second session of the third day focused on technical interviews, equipping students with strategies for handling technical questions, whiteboard challenges, and problem-solving assessments. Through practical coding exercises and technical discussions, participants built their confidence in showcasing their technical skills. This hands-on approach prepared them for the rigorous demands of technical interviews in their respective fields.

Outcome:

By the end of the three-day workshop, all participants will have significantly enhanced their soft skills, essential for effective communication, collaboration, and personal growth. They will be better equipped to tackle engineering job interviews with confidence. The mock interview practice will provide invaluable experience, allowing participants to refine their interview techniques. This comprehensive preparation will enable them to effectively showcase both their technical and soft skills to potential employers, positioning them for success in their job searches.

Conclusion:

Investing in your soft skills and interview preparation is crucial for your future career success. As you progress in your engineering journey, remember that technical expertise is just one facet of your professional profile. Your ability to communicate, collaborate, and adapt will distinguish you in the competitive job market. With enhanced soft skills and valuable mock interview experience, you are well

equipped to excel in interviews and make meaningful contributions to any engineering team. Embrace these skills as you advance in your career.

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principalaiet08@gmail.com **Feedback:**

After the soft skill training, feedback was gathered to evaluate students' understanding and identify areas for improvement. This assessment aimed to measure the training's effectiveness and ensure that future programs are tailored to better meet students' needs, ultimately enhancing their overall learning experience and outcomes.

Feedback on soft skill training:

1: Poor, 2: Average, 3: Good, 4: Very Good, 5: Excellent



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Soft Skill Training Photos:



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SPREADSHEET THEORY AND HANDS-ON TRAINING

Date: 05-09-2024	Time: 9.00 AM to 5.00 PM
Venue: Room No. 405, ME Block, AIET.	Total Training Hours: 7 hrs.

Trainer Details:

Mr Sharathchandra Prabhu
Associate Professor

Objective of Training:

The objective of **Spreadsheet Theory and Hands-On Training** is to equip individuals with the necessary skills and knowledge to effectively use spreadsheets for organizing, analyzing, and presenting data. The training aims to:

1. **Understand Spreadsheet Basics:** Teach the fundamental components of spreadsheets, including rows, columns, cells, and data entry techniques. This foundational knowledge is crucial for users to navigate and manipulate data efficiently.
2. **Develop Proficiency in Functions and Formulas:** Train participants to use essential functions like SUM, AVERAGE, and IF, along with creating custom formulas for calculations. This allows users to automate complex tasks and perform accurate data analysis.
3. **Enhance Data Management Skills:** Enable learners to sort, filter, and format data for better organization. It also covers advanced features like pivot tables and conditional formatting, allowing users to analyze large data sets with ease.
4. **Visualization and Reporting:** Teach the creation of charts and graphs to visually represent data, improving data interpretation and reporting skills.
5. **Real-World Application:** Provide hands-on practice with real-life scenarios, such as budgeting, project management, or sales tracking, to ensure that learners can apply their skills in practical situations.

Overall, the goal is to develop confident, efficient spreadsheet users capable of solving problems and making informed decisions using data.

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Contents of the Training:

1. **Introduction to Spreadsheets:** Spreadsheets are digital tools used for organizing, analyzing, and storing data in tabular form. The most commonly used spreadsheet software is Microsoft Excel, Google Sheets, and similar tools. These tools allow users to create, manipulate, and present data efficiently.
2. **Basic Components of a Spreadsheet:** A spreadsheet is made up of rows, columns, and cells.
 - **Rows** are horizontal lines labeled with numbers (1, 2, 3, ...).
 - **Columns** are vertical lines labeled with letters (A, B, C, ...).
 - **Cells** are intersections of rows and columns (e.g., A1, B2), where data is input.

Data Entry and Formatting:

- **Entering Data:** You can type numbers, text, or dates into cells.
- **Formatting:** Apply formatting options like bold, italics, colour, and borders to enhance readability. You can also adjust column width and row height to fit the data.

4. Basic Formulas and Functions:

- **Formulas:** A formula is a mathematical expression. For example, `=A1+B1` adds the values in cells A1 and B1.
- **Functions:** Functions are predefined formulas, such as `SUM()`, `AVERAGE()`, `IF()`, and `VLOOKUP()`. Example: `=SUM(A1:A5)` adds all values from A1 to A5.

5. Data Analysis:

- **Sorting and Filtering:** You can sort data alphabetically or numerically. Filtering allows you to display specific data based on criteria.
- **Charts and Graphs:** Visualize data by creating different types of charts (pie, bar, line) from the data set.

6. Advanced Functions and Features:

- **Pivot Tables:** Use pivot tables for summarizing large data sets and creating reports.
- **Conditional Formatting:** Highlight specific data based on rules (e.g., highlighting values above a certain threshold).

7. Hands-On Training: Practice is key. Begin with basic data entry and formatting, then gradually incorporate formulas, charts, and pivot tables. Working on real-world scenarios, such as budgeting, sales tracking, or project management, will solidify skills.



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Conclusion: Spreadsheets are versatile tools, and mastering them enhances productivity in data organization and analysis. With continuous practice, users can become proficient in spreadsheet management for both personal and professional tasks.



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REPORT WRITING AND END NOTE SOFTWARE USES

Date: 06-09-2024	Time: 9.00 AM to 5.00 PM
Venue: Room No. 405, ME Block, AIET.	Total Training Hours: 7 hrs.

Trainer Details:

Dr. Satyanarayan
Professor and Head
Department of Mechanical Engineering
AIET.

Dr. Suresh P S

Senior Assistant Professor

Department of Mechanical Engineering

AIET.

On 6th September 2024, a session on report writing and the use of EndNote software was conducted by Dr. Satyanarayan, Professor and Head of the Department of Mechanical Engineering at AIET, and Dr. Suresh P. S., Senior Assistant Professor in the same department. The session aimed to enhance students skills in professional report writing, a crucial aspect of academic and research work.

Dr. Satyanarayan began the session by emphasizing the importance of clear and structured report writing. He discussed the key components of an effective report, such as introduction, methodology, results, discussions, and conclusion. He also provided valuable tips on writing in a precise and coherent manner, focusing on maintaining logical flow and clarity. This guidance was essential for students and researchers aiming to present their findings in a professional format.

Following this, Dr. Suresh P. S. introduced EndNote software, a widely used tool for managing references and citations. He demonstrated how EndNote helps in organizing references, generating citations, and creating bibliographies effortlessly. Dr. Suresh emphasized the software's functionality in streamlining the research process, saving time, and reducing errors in citation formatting. He also showed participants how to integrate EndNote with Microsoft Word for seamless citation management during the report-writing process.

The session concluded with a Q&A segment, where students had the opportunity to clarify their doubts and explore further practical applications of both report writing techniques and the EndNote software. The session was highly informative and provided participants with valuable tools to improve their academic writing and research practices.

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TOOL AND DIE DESIGN TRAINING AT GTTC, MANGALORE

Date: 09-09-2024 to 13-09-2024 (5 Days)	Time: 9.00 AM to 5.00 PM
Venue: GTTC, Mangalore.	Total Training Hours: 35

Trainer Details:

Experts

GTTC. Mangalore.

A five-day training session on **Tool and Die Design** was organized for students at the **Government Tool Room and Training Centre (GTTC)**, Mangalore. The training took place with the objective of providing students with hands-on experience and in-depth knowledge of tool and die design, a critical aspect of manufacturing and production processes.

The training covered a wide range of topics, starting with an introduction to the fundamentals of tool and die design. Expert instructors at GTTC guided the students through the various stages of designing tools and dies used in industries such as automotive, aerospace, and consumer electronics. The students learned about different types of tools like jigs, fixtures, dies, and moulds, as well as their applications in industrial manufacturing.

In addition to theoretical knowledge, the students received extensive hands-on training. They worked with advanced equipment and software used for designing and fabricating tools and dies. The practical sessions allowed the students to understand the technical challenges faced during the design process and learn how to overcome them using state-of-the-art tools. They also explored material selection, tolerance control, and methods to improve the efficiency of production processes.

Throughout the training, the students were encouraged to engage in problem-solving activities and simulations, which helped them apply their learning in real-world contexts. The experts at GTTC also provided personalized guidance to each student, helping them develop essential skills for their future careers in tool and die design.

By the end of the training, students had gained valuable insights into the intricacies of tool and die design and were better equipped with the practical skills needed to excel in the manufacturing industry. The hands-on experience at GTTC not only enhanced their technical abilities but also boosted their confidence in working with industry-standard tools and technologies.

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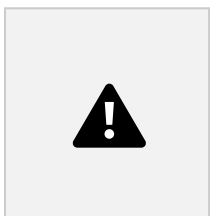
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principalaiet08@gmail.com **Photos of GTTC Tool and Die Design Training**



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ALUMNI INTERACTION

Date: 14-09-2024	Time: 9.00 AM to 5.00 PM
Venue: Room No. 405, ME Block, AIET.	Total Training Hours: 5

1) Mr. Mehaboob A Naikodi, from 9.30 a.m. to 11.00 a.m.

2) Mr. Shikhar V Jain, from 11.00 a.m. to 12.45 p.m.

Google Meet link: Alumni Interaction

Saturday, September 14 · 9:15am – 12:45pm

Time zone: Asia/Kolkata

Google Meet joining info

Video call link: <https://meet.google.com/chj-jobb-ird>

Or dial: (US) +1 318-373-3687 PIN: 876 179 496#

Our esteemed alumni Mr. Mehaboob A Naikodi and Mr. Shikhar V Jain, interacted with current final year students.

In the first session Mr. Mehaboob A. Naikodi, a dedicated professional working in the health department in a government role, shared his valuable experience on how to effectively prepare for competitive examinations. During his session, he highlighted key strategies and approaches that helped him in his own preparation journey, providing insightful guidance to students and aspiring candidates.

Mr. Mehaboob began by emphasizing that concentration and dedication are the cornerstones of success when preparing for competitive exams. He shared that, without consistent focus and a clear, committed mindset, the process could become overwhelming and unproductive. To achieve this, he stressed the importance of setting clear goals and maintaining a disciplined routine. He recommended dividing preparation into manageable sections and prioritizing topics based on their weightage in the exam. He also mentioned that breaking down complex subjects into smaller, easily digestible parts could make the preparation more structured and less daunting.

Moreover, Mr. Mehaboob discussed the necessity of time management. He pointed out that balancing studies with other responsibilities could be challenging, but by creating a detailed study schedule, candidates could ensure they allocate sufficient time to each subject. He encouraged the participants to avoid procrastination and remain consistent with their schedule, even if progress seemed slow at times. He explained that regular revisions are equally important to reinforce memory and understanding.

In addition to concentration and time management, Mr. Mehaboob spoke about the role of self assessment. He recommended practicing mock tests and previous years' question papers as a way to assess one's readiness and identify areas that need more attention. He explained that these assessments help in building confidence, improving speed, and familiarizing oneself with the exam format.



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He also highlighted the significance of mental and physical health during preparation. Maintaining a healthy lifestyle, getting adequate rest, and engaging in physical activities can help alleviate stress and keep the mind sharp. He stressed that a balanced life is essential to maintaining high energy levels throughout the preparation period.

Lastly, Mr. Mehaboob advised that candidates should stay positive and never give up on their dreams, regardless of the challenges they may face. According to him, perseverance, hard work, and a strategic approach are essential in cracking competitive exams and securing success in a government job.

The session concluded with a Q&A, where Mr. Mehaboob answered queries from students, offering personalized tips and encouragement. His insights were invaluable to all those looking to prepare for competitive examinations with focus and confidence.



Mr. Mehaboob A Naikodi, Interacted with students in Alumni Interaction Session.

The second session began with **Mr. Shikhar V Jain**, a current master's student in Germany, who shared his insightful journey and valuable advice on pursuing higher studies abroad. Mr. Shikhar, who secured admission to a prestigious university in Germany along with a scholarship, provided students with firsthand information about the opportunities and benefits of studying overseas.

Mr. Shikhar started by explaining the process he followed to get admission to a German university, emphasizing the importance of research, proper documentation, and timely applications. He highlighted how securing a scholarship was a crucial part of his journey, making the experience financially feasible. By sharing his personal story, he encouraged students to aim high and consider international education as an option, showing that it is possible to balance academic excellence with financial support.

He also discussed the enriching experience of studying abroad, particularly in Germany, where he is currently pursuing his master's in engineering. According to him, studying abroad offers a broader perspective on the subject, exposure to diverse cultures, and access to cutting-edge technology and

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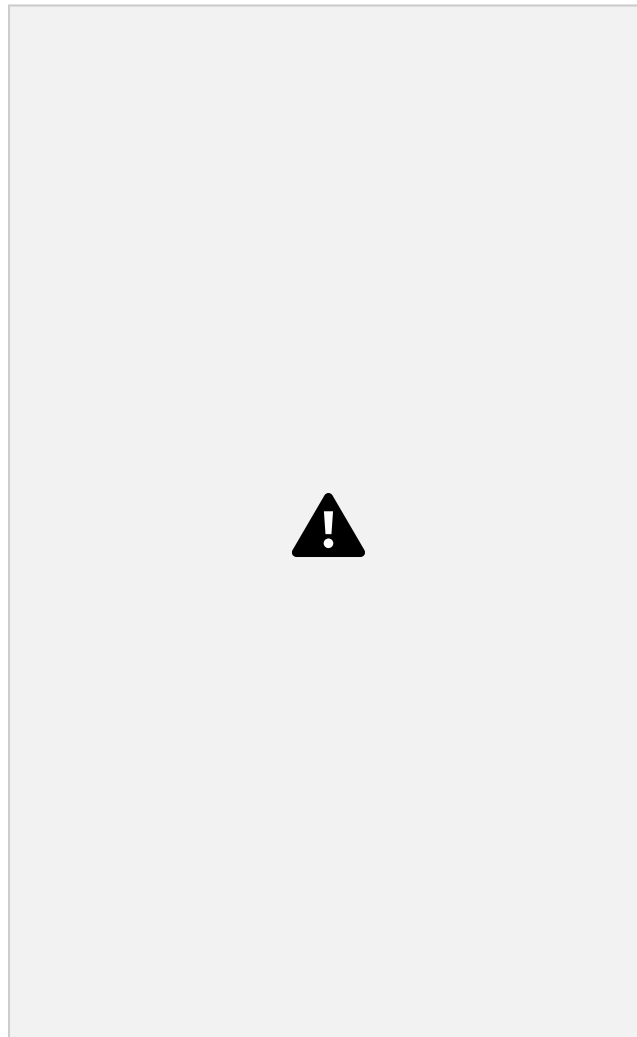
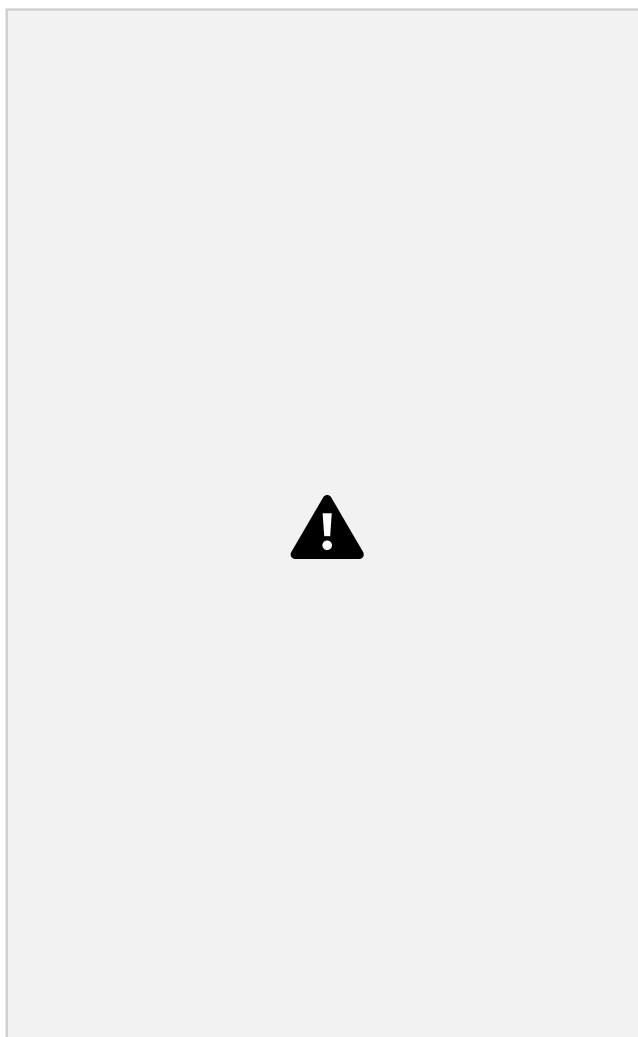


research. He stressed that international education not only enhances technical knowledge but also helps students grow personally by adapting to new environments and challenges.

Despite promoting higher studies abroad, Mr. Shikhar also emphasized the importance of pursuing

higher education within India, where several esteemed institutions provide excellent opportunities for gaining in-depth knowledge in engineering. He encouraged students to stay focused on their goals, whether they decide to pursue further studies abroad or within India, as both paths offer unique advantages in terms of learning and career growth.

The session concluded with Mr. Shikhar urging the students to plan their academic future strategically, explore available opportunities, and stay motivated to achieve their goals in higher education.



Mr. Shikhar V Jain, Interacted with students in Alumni Interaction Session.

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Alumni Interaction; Jeevan P A

Saturday, September 14 · 1:30 – 3:30 p.m.

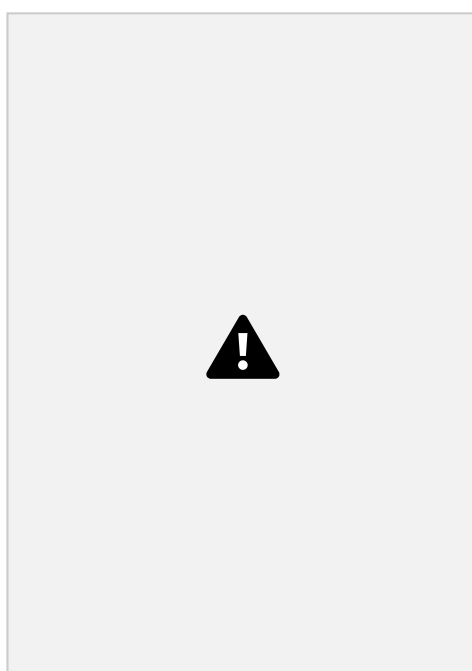
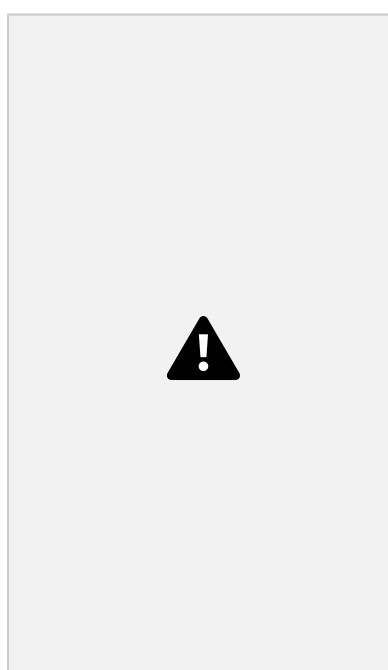
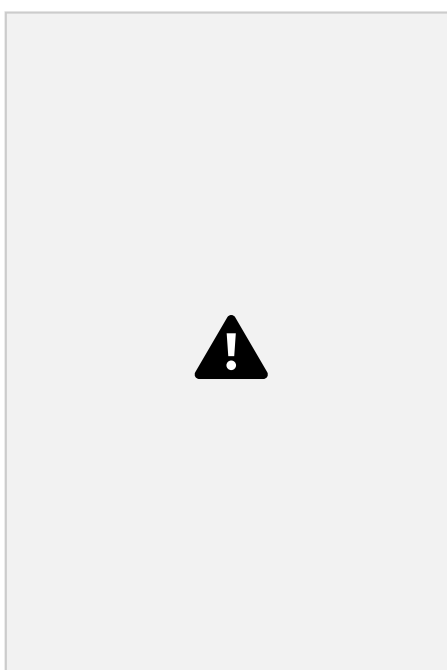
Time zone: Asia/Kolkata

Google Meet joining info

Video call link: <https://meet.google.com/oft-kxjf-kvs>

Or dial: (US) +1 951-456-2010 PIN: 231 956 557#

In the afternoon session, Mr. Jeevan P A, an esteemed alumnus, shared his valuable insights on how to grow professionally in the oil and refinery field. Drawing from his extensive experience in the industry, he emphasized the importance of acquiring both technical skills and industry-specific knowledge to excel in this sector. Mr. Jeevan explained that a deep understanding of core mechanical engineering principles is essential, but to truly thrive in the oil and refinery industry, professionals must also be well versed in process engineering, safety standards, and environmental regulations. He recommended gaining proficiency in industry-standard software and tools, as well as staying updated on the latest technologies used in refining processes and machinery maintenance. He also highlighted the significance of hands-on experience in the field. Mr. Jeevan encouraged students to pursue internships and practical training in oil refineries or related industries to gain real-world exposure to the challenges and operations involved. He noted that the oil and refinery sector is dynamic, and professionals must be adaptable and proactive in acquiring new skills. Lastly, Mr. Jeevan emphasized the importance of building a professional network and focusing on continuous learning. By staying committed to both technical and personal growth, he assured the students that they could carve a successful career in the oil and refinery field.



Mr. Jeevan P A, Interacted with students in Alumni Interaction Session.

CREO FOR DESIGN TRAINING AT GTTC, MANGALORE

Date: 16-09-2024 to 21-09-2024 (5 Days)	Time: 9.00 AM to 5.00 PM
Venue: GTTC, Mangalore.	Total Training Hours: 42

Trainer Details:

Experts
GTTC. Mangalore.

The five-day CREO design training held at GTTC (Government Tool Room and Training Centre) in Mangalore offered students an in-depth understanding of CREO, a powerful Computer-Aided Design (CAD) software used for product design, engineering, and manufacturing. The course was meticulously structured to cater to both beginners and intermediate users, helping them enhance their CAD skills and apply them to real-world design challenges.

Day 1: Introduction to CREO and Interface Basics

The first day began with an overview of CREO and its significance in the engineering design process. Trainees were introduced to the CREO interface, where they learned how to navigate the software's workspace, access tools, and understand its layout. Emphasis was placed on basic design operations, including sketching, part modelling, and using basic commands. Hands-on sessions were incorporated to give students a practical feel for the interface and basic tool usage.

Day 2: 3D Modeling Techniques

On the second day, students explored into more advanced 3D modelling techniques. They were taught to create complex parts using features like extrude, revolve, and sweep. Emphasis was placed on designing parametric models, where changes in one part would automatically adjust dependent features. Trainees were also introduced to the creation of assemblies and how to manage relationships between components in an assembly.

Day 3: Advanced Features and Parametric Design

Day three focused on advanced design concepts like creating templates and using design constraints. students learned about creating flexible models and utilizing design intent principles. The course covered the creation of complex geometry, surface modelling, and the integration of different design parameters to streamline the modelling process. CAD modelling best practices were also discussed.

Day 4: Drafting and Detailing

The fourth day focused on the drafting capabilities of CREO. Participants learned how to create detailed engineering drawings from their 3D models. The use of dimensions, annotations, and symbols was



covered to ensure clear communication of design intent. Additionally, the day explored the process of generating exploded views for assembly instructions and other technical drawings.

Day 5: Final Project and Review

The final day allowed students to apply everything they had learned throughout the week in a hands-on project. They were tasked with designing a product from start to finish, creating parts, assemblies, and detailed drawings. The day concluded with a review of key concepts, a Q&A session, and feedback from the trainers to help students improve their skills.

Overall, the five-day CREO design training at GTTC Mangalore equipped students with the essential tools and knowledge to confidently use CREO for their design projects, boosting their proficiency in CAD and enhancing their design capabilities.

Photos of GTTC CREO Design Training:

