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# MESA ANNUAL REPORT

YEAR: 2023-24



## Summary of MESA

Purpose of Annual Report Preparation: MESA, the Mechanical Engineering Students' Association, prepares an annual report to document its activities, achievements, and contributions throughout the year. The report serves as a comprehensive record of MESA's initiatives, events, and goals, providing stakeholders with valuable insights into the organization's progress and impact.

### Role of MESA

MESA plays a pivotal role in fostering a vibrant automotive community within the college. It serves as a platform for students interested in mechanical engineering and automobiles to come together, share knowledge, collaborate on projects, and engage in activities related to their field of interest.

### Major Events Organized by MESA

1. **Auto Expo:** MESA organizes an annual Auto Expo, a grand event aimed at attracting bikers and car owners, providing a platform for enthusiasts to celebrate their passion for automobiles. The Expo showcases the latest trends in the automotive world, creating an enjoyable and informative experience for attendees.

2. **Yantram:** Yantram is a combination of fun and technical events organized by MESA. It offers students an opportunity to participate in various activities that blend technical knowledge with entertainment, fostering a spirit of camaraderie and skill development.

3. **Seminars and Workshops:** In addition to the Auto Expo and Yantram, MESA also organizes seminars and workshops on diverse topics related to mechanical engineering and automotive technology. These events provide students with valuable insights, hands-on experience.



# CONTENT

Sr. No.	PARTICULAR	PAGE No.
<b>1</b>	<b>CULTURAL EVENTS</b>	6
	Auto Expo 24'	7
	Inauguration of Autoexpo	8
	Beginning of Autoexpo with a Roar	9
	Stunts and Burnouts	10
	Main Attraction - Imran Majid and His Nissan GTR	11
	Enthusiastic Crowd Throughout the Autoexpo	12
	Bikes	13
	Cars	12
	Autoexpo Success Party at Night with DJ David	12
	Conclusion	16
	<b>AUTO EXPO 24' POSTER REVEAL</b>	18
	Introduction	19
	Event Commencement	20
	Participation and Inclusivity	24
	Conclusion	25
<b>2</b>	<b>ADVANCE MANUFACTURING LAB INAUGURATION</b>	26
	Introduction	27
	Pooja Commencement	28
	Inauguration	29
	Pooja Rituals	30
	Lab Facilities Overview	31
	Participation and Inclusivity	32
	Conclusion	33
<b>3</b>	<b>TECHNICAL EVENTS</b>	34
	<b>MESA ORIENTATION 2023-24'</b>	
	Introduction to MESA	35
	Introduction of Committee Members	37
	The Purpose of MESA	41



# CONTENT

4	<b>YANTRAM 24'</b>	42
	CAD WAR: A BATTLE OF DESIGNERS AGAINST TIME	45
	Triumph of Design - Omkar Mane Emerges as the Winner	45
	MESA Technical Quiz Event: Fostering Knowledge and Excellence in Mechanical Engineering	47
	Triumph of Knowledge - Darshan Shingane Emerges as the Winner	50
	TREASURE HUNT	51
	CONCLUSION	54
5	<b>CAREER COUNSELING SESSION BY JAMBOREE EDUCATION</b>	55
	Introduction	56
	Entrance Exam - GMAT-GRE & University Admissions	57
	Loans and Visa Counseling	58
	Jamboree Education Seminar Poster	59
	Conclusion	60
6	<b>CAREER COUNSELING SESSION BY IBS</b>	61
	Introduction	62
	Career Opportunities and Advancements	63
	Industry Insights and Collaboration with IBS Mumbai	64
	IBS Mumbai Session Poster	65
	Conclusion	66



# CONTENT

7	<b>CAREER COUNSELLING SEMINAR BY NETTECH INDIA</b>	67
	Introduction	68
	Why Learn AutoCAD and Solidworks?	69
	Seminar Impact	70
	NetTech India Seminar Poster	71
	Conclusion	72
8	<b>CAREER COUNSELING SESSION BY ETI</b>	73
	Introduction	74
	Career Opportunities and Advancements	75
	Piping Industry Insights	76
	ETI Session Poster	77
	Conclusion	78
9	<b>CAREER COUNSELING SESSION BY CADD CENTRE</b>	79
	Introduction	80
	Key Takeaways from the Counseling Session	81
	Industry Relevance of CAD Modeling Skills	82
	CADD Centre Session Poster	83
	Conclusion	84



# CULTURAL EVENTS



## AUTO EXPO 24'

Organized by MESA  
Dated: 12th Jan 2024  
Time: 11.00 AM



## Auto Expo 24'

The Mechanical Engineering Students Association (MESA) at Bharati Vidyapeeth College of Engineering, Navi Mumbai, orchestrated an awe-inspiring Autoexpo on January 12, 2024. This comprehensive report aims to provide a detailed account of the various facets of the event, including the inauguration, vehicle displays, performances, special attractions, crowd engagement, and the grand success party that concluded the day.



## Inauguration of Autoexpo

The Autoexpo commenced with a grand inauguration ceremony at 11 am, led by Dr. Vilasrao Kadam, Director, BVCOENM. The ceremony was attended by esteemed guests, including faculty members, industry professionals, and notable figures from the automotive sector. Dr. Kadam's presence added a distinguished touch to the event, underscoring the college's commitment to fostering innovation and knowledge exchange in the field of mechanical engineering.

The inaugural ceremony included speeches from key dignitaries, highlighting the importance of technological advancements in the automotive industry and the role of events like Autoexpo in fostering innovation and knowledge exchange. The ceremony also acknowledged the contributions of MESA members and event sponsors, underscoring the collaborative spirit that made the Autoexpo possible.



## Beginning of Autoexpo with a Roar

The heart of the Autoexpo lay in the grand entrance of bikers and cars, an exhilarating moment that captivated the audience. The carefully choreographed entry, synchronized with music and lighting effects, created a dramatic ambiance. The roaring engines and the distinctive sounds of each vehicle resonated through the venue, setting the stage for a day filled with automotive splendor.

A special emphasis was placed on the diversity of vehicles entering the expo - from classic motorcycles to futuristic electric cars. This not only showcased the evolution of the automotive industry but also catered to the varied interests of the audience. The procession was carefully organized to ensure a smooth and visually striking introduction to the Autoexpo.



## Stunts and Burnouts

To elevate the adrenaline levels of the attendees, skilled bikers and car owners showcased their talents through a series of thrilling stunts and burnouts. The carefully designed performance area allowed for a safe yet exhilarating display of precision driving and daring maneuvers. Smoke, screeching tires, and the roar of engines combined to create a sensory spectacle that left the audience on the edge of their seats.

The stunt performances were not just about showcasing skills; they also served as a testament to the capabilities of the vehicles on display. It was an opportunity for manufacturers and individual owners to demonstrate the agility, power, and control of their respective machines. The performances were not only entertaining but also educational, providing insights into the potential of modern automotive engineering.



## Main Attraction - Imran Majid and His Nissan GTR

The undisputed highlight of Autoexpo 2024 was the presence of Imran Majid, accompanied by his Nissan GTR – India's fastest street car. Imran Majid, a well-known figure in the automotive community, graciously shared his experiences and insights during a special session. This allowed attendees to gain a deeper understanding of the technology, engineering, and passion that went into creating and driving such an exceptional vehicle.

The Nissan GTR itself was positioned as the centerpiece of the expo. Imran Majid's presence not only drew the attention of enthusiasts but also sparked conversations about the future of high-performance vehicles in India. The opportunity to witness the Nissan GTR up close, coupled with Imran Majid's interactions, made this segment of the Autoexpo a memorable experience for attendees.



## Enthusiastic Crowd Throughout the Autoexpo



One of the most gratifying aspects of Autoexpo 2024 was the continuous engagement and enthusiasm of the diverse crowd throughout the day. Attendees, ranging from students to industry professionals, were visibly excited as they explored the various exhibits and engaged in conversations with exhibitors and fellow enthusiasts.

The layout of the Autoexpo allowed for seamless navigation, with clearly marked zones for different types of vehicles – electric, hybrid, classic, and futuristic prototypes. Interactive displays, virtual reality experiences, and informational booths dotted the venue, providing a holistic experience for visitors. The vibrant atmosphere was enhanced by the presence of food stalls, merchandise outlets, and interactive activities, ensuring that attendees had a well-rounded and engaging experience.



# Bikes



## Cars





## Autoexpo Success Party at Night with DJ David

The festivities did not end with the conclusion of the Autoexpo; rather, they transitioned into a grand success party that unfolded as the night descended. The party, held in a specially designated area, featured a live DJ, creating an energetic ambiance for participants and attendees to unwind and celebrate the success of the day.

The DJ, selected for his ability to cater to diverse musical tastes, ensured that the party resonated with the preferences of the attendees. The dance floor became a focal point for spontaneous celebrations, adding an element of spontaneity and joy to the night. The success party, with its carefully curated entertainment, concluded Autoexpo 2024 on a high note, leaving participants with lasting memories of a day filled with excitement, innovation, and community spirit.



## Conclusion

Autoexpo 2024 organized by MESA at Bharati Vidyapeeth College of Engineering, Navi Mumbai, was a comprehensive and resounding success. This detailed report has highlighted the meticulous planning and execution that went into each aspect of the event, from the formal inauguration to the dynamic vehicle displays, thrilling performances, special attractions, enthusiastic crowd engagement, and the memorable success party.

The event not only celebrated the current state of the automotive industry but also provided a glimpse into its future. By featuring a diverse range of vehicles, including Imran Majid's Nissan GTR, Autoexpo 2024 showcased the evolution of automotive technology and design. The interactive and engaging nature of the expo ensured that attendees, irrespective of their level of expertise, found value in the exhibits and activities.



The success of Autoexpo 2024 can be attributed to the collaborative efforts of MESA members, sponsors, exhibitors, and the enthusiastic participation of the crowd. The event not only met but exceeded its objectives, serving as a platform for knowledge exchange, industry networking, and community building. As the night concluded with the pulsating beats of the DJ at the success party, Autoexpo 2024 left an indelible mark on the automotive landscape, establishing itself as a benchmark for future events at Bharati Vidyapeeth College of Engineering, Navi Mumbai.





# AUTO EXPO 24' POSTER REVEAL

Organized by MESA  
Dated: 2nd Nov 2023  
Time: 12.00 PM  
Venue: BVCOENM Main Gate

## Introduction

The Auto Expo 24', an exhilarating celebration of automotive innovation and industry prowess, came to life through a series of engaging events, with the Poster and Sponsor Reveal standing out as a pivotal moment in the extravaganza.

Held on 2nd November 2023 at Main Gate, this exclusive occasion marked the unveiling of captivating posters that encapsulated the spirit of the Auto Expo 24' and offered a sneak peek into the dynamic world of automobiles.



## Event Commencement

The grand spectacle of the Auto Expo 24' kicked off splendidly at precisely 12:30 PM on the 2nd of November 2023, as a palpable air of anticipation enveloped the throngs gathered at the Main Gate. The crowd, teeming with enthusiasm, had converged with a shared eagerness to witness the much-anticipated Poster Reveal—an event that promised to unveil the essence of the upcoming automotive extravaganza. Guiding us through the festivities was none other than the charismatic Mr. Nihar Rhatwaikar, whose vibrant energy and affable demeanor set the perfect tone for the day's proceedings. Amidst the buzz and anticipation, the atmosphere took an adrenaline-fueled turn when riders, with engines revving in harmony, took center stage to showcase a thrilling display of stunts. The collective roar of engines reverberated through the air, electrifying the audience and elevating the overall energy of the event.





Not to be outdone, a cadre of enthusiastic volunteers strategically navigated the swelling crowd. Armed with eye-catching flyers, they skillfully ignited curiosity and excitement, ensuring that every attendee was not only a spectator but an active participant in the unfolding spectacle. Their dual role of crowd control and engagement added a dynamic layer to the event, creating a seamless and immersive experience for everyone present.

The moment everyone had eagerly awaited was now on the horizon, and the synergy of passionate hosts, daring riders, and spirited volunteers had set the stage for a Poster Reveal that would encapsulate the spirit of the Auto Expo 24' in all its glory.



As the clock ticked towards the much-anticipated moment, a hushed expectancy settled over the gathering. The ambiance crackled with excitement as the distinguished chief guests, including Mr. Ashwin Malik, Manager of Royal Enfield, and our esteemed academic leaders, Dr. S.N. Teli, our Vice Principal, and Dr. Sandhya Jadhav, our Principal, made a grand entrance alongside the faculty. In a display of warm hospitality, our President, Mr. Mahesh More, extended a heartfelt welcome to the esteemed guests, presenting each with a tastefully arranged bouquet that symbolized our gratitude for their presence and support. The anticipation reached a crescendo, palpable in the air, as the audience, now armed with phones poised for the perfect shot, awaited the unveiling of the event's focal point. The energy was infectious, and the gathering transformed into a collective heartbeat, pulsating with excitement. With the stage set and the audience hanging on the edge of anticipation, the pivotal moment arrived. A visual feast embodying the spirit of Auto Expo 24', were unveiled to a captivated audience. Simultaneously, the identity of the key supporter, Ram Motors Royal Enfield, was proudly announced as the official sponsor.



Amidst the cheers, the guests, faculty, and attendees alike, captured the grand revelation on their phones, freezing the moment in time as a testament to the synergy of passion and collaboration that defines the Auto Expo 24'. The unveiling not only marked the beginning of a visually stunning journey but also signaled the start of a partnership that would undoubtedly contribute to the event's success and legacy.



## Participation and Inclusivity

Members of the Mechanical Engineering Students Association actively participated in the organization and execution of the Poster and Sponsor reveal, fostering a sense of community and inclusivity. The event provided an opportunity for students to engage in a managerial setting, enhancing their overall college experience.





## Conclusion

In retrospect, the Auto Expo 24' Poster and Sponsor Reveal event emerged as a tapestry of excitement, seamlessly blending the thrill of automotive innovation with the warmth of community engagement. From the adrenaline-fueled stunts to the grand unveiling in the presence of distinguished guests and sponsors, the event was a resounding success. It not only set the stage for a visually stunning exposition but also forged partnerships that will undoubtedly contribute to the event's lasting impact on automotive enthusiasts and industry aficionados alike.



# **ADVANCE MANUFACTURING LAB INAUGURATION**

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**Organised by MESA  
Dated : 11th Sept 2023  
Venue: Room No.17**

## Introduction

The inauguration ceremony for the Advanced Manufacturing Lab at room No.17 took place on 11th September 2023. The event marked a pivotal moment in fostering innovation, research, and hands-on learning in advanced manufacturing. The ceremony was attended by esteemed guests, faculty members, students, and industry professionals to celebrate establishing a cutting-edge facility on our campus. The Advanced Manufacturing Lab Inauguration Ceremony was a celebration of technological advancement and a spiritual moment as the Mechanical Engineering Students Association organized a special Satyanarayan Pooja. This unique blend of tradition and innovation aimed to bless the new facility and seek divine guidance for success and prosperity in all endeavors.



## Pooja Commencement

The Satyanarayan Pooja commenced with a traditional invocation, setting a sacred atmosphere within the premises of the Advanced Manufacturing Lab. The ceremony was attended by faculty members, students, and esteemed guests who witnessed the integration of spirituality and technological progress. The Satyanarayan Pooja was seamlessly integrated into the Advanced Manufacturing Lab Inauguration Ceremony, demonstrating a harmonious blend of tradition and modernity. The divine blessings sought during the pooja were considered an auspicious start to the lab's journey towards excellence in education and research.



## Inauguration

The ceremony commenced with the official inauguration of the Advanced Manufacturing Lab. Our Chief Guest Mr. Vilasrao Kadam sir, director of BVCOE, Navi Mumbai, accompanied by Principal Dr. Sandhya Jadhav ma'am & Vice Principal Dr. Shivagond Teli sir, unveiled the lab, signifying the commencement of a new chapter in research and education within the college.



## Pooja Rituals

The pooja rituals were performed with utmost devotion and adherence to tradition. The sacred ceremony included the chanting of Vedic mantras, offering of prasada, and lighting of lamps. The ritualistic narration of the Satyanarayan Katha added a cultural and spiritual dimension to the event, symbolizing the commencement of a new chapter in the academic and research pursuits of the Mechanical Engineering department.



## Lab Facilities Overview

An overview of the state-of-the-art facilities available in the Advanced Manufacturing Lab was presented, highlighting key equipment, machinery, and technologies. Faculty members provided insights into how these resources would enhance the learning experience for students and support cutting-edge research initiatives.



A live demonstration of the CNC machine & 3D printers to showcase their precision, efficiency, and versatility. Dr. Manoj Nikam sir explained various functions, applications, and how it aligns with the academic curriculum, providing students with hands-on experience in modern manufacturing processes.

## Participation and Inclusivity

Members of the Mechanical Engineering Students Association actively participated in the organization and execution of the Satyanarayan Pooja, fostering a sense of community and inclusivity. The event provided an opportunity for students to engage in a cultural and spiritual setting, enhancing their overall college experience.





## Conclusion

In conclusion, the Satyanarayan Pooja on the occasion of the Advanced Manufacturing Lab Inauguration Ceremony concluded with a sense of divine blessings and positive energy. The lab stands as a testament to our dedication to providing students with access to cutting-edge facilities, empowering them to excel in the evolving landscape of advanced manufacturing.

This report encapsulates the essence of the Satyanarayan Pooja conducted during the Advanced Manufacturing Lab Inauguration Ceremony, highlighting the harmonious convergence of spiritual values and technological progress within the college.



# TECHNICAL EVENTS



## MESA ORIENTATION 2023-24'

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**Organised by MESA  
Dated : 15th Sept 2023  
Time : 11 am  
Venue : Room No.15**



## Introduction to MESA

The Mechanical Engineering Student Association (MESA) is a dynamic student organization that serves as a hub for students interested in mechanical engineering at our institution. MESA plays a crucial role in fostering a sense of community among mechanical engineering students and provides them with opportunities for professional and personal development.



## MESA Events and Workshops

One of MESA's primary objectives is to enhance the overall learning experience for its members. To achieve this, the association organizes a variety of events and workshops throughout the academic year. These activities cover a broad spectrum, including technical workshops, cultural events, sports activities, and more. MESA strives to create a holistic learning environment for students, nurturing both their technical skills and their personal interests.



**Seminar on 3D Modelling  
conducted by CADD Centre  
Kharghar**



**Seminar on Solidworks  
conducted by Nettech India**



**Seminar on Piping Domain  
conducted by Excel Technical  
Institute**



**Seminar on GRE and Higher  
Education Abroad conducted  
by Jamboree Education**

## Introduction of Committee Members



The success of MESA is attributed to the dedication and leadership of its committee members.

The current committee comprises individuals with diverse skills and responsibilities:

### **President:**

The President is the leader of MESA, responsible for overseeing the overall functioning of the organization. He provides direction, makes strategic decisions, and ensure that the committee works cohesively towards its goals.

### **Vice President:**

The Vice President supports the President in their duties and often takes on a leadership role in the President's absence. He collaborates with other team heads to facilitate effective communication and coordination within MESA.

### **Treasurer:**

The Treasurer manages the financial aspects of MESA, including budgeting, financial planning, and expense tracking. He plays a crucial role in ensuring the organization's financial stability and responsible use of resources.



### **Technical Team:**

The Technical Team focuses on organizing workshops, events, and activities that enhance the technical skills of MESA members. They may also be involved in coordinating technical competitions, and projects, and collaborating with industry professionals.



### **Cultural Team:**

The Cultural Team is responsible for organizing cultural events, celebrations, and activities that foster a sense of community within MESA. They contribute to the overall well-being of members by promoting cultural diversity and inclusion.



### **Marketing Team:**

The Marketing Team handles the promotion and public image of MESA. They create marketing strategies, manage social media accounts, design promotional materials, and work to increase awareness of MESA's activities both within and outside the institution.





### **Digital Team:**

The Digital Team manages MESA's online presence, including the website and other digital platforms. They may be involved in content creation, website maintenance, and ensuring that MESA's online communication is effective and engaging.



### **Camera Team:**

The Camera Team is responsible for capturing and documenting MESA events through photography and videography. They help preserve memories, create promotional materials, and showcase the achievements and activities of the organization.



### **Public Relation Team:**

The Public Relation Team handles communication between MESA and external entities, including the media, industry partners, and other organizations. They work to build and maintain positive relationships to enhance MESA's reputation.



### **Sports Team:**

The Sports Team organizes sports-related activities and events, promoting physical well-being and team spirit among MESA members. They may coordinate sports tournaments, fitness sessions, and recreational events.



### **Creative Team:**

The Creative Team focuses on artistic expression within MESA, including graphic design, visual arts, and creative projects. They contribute to the aesthetic aspects of MESA's promotional materials and events.



### **Literature Team:**

The Literature Team is involved in written communication and content creation. They may produce newsletters, articles, and other written materials to keep MESA members informed and engaged.





## The Purpose of MESA

The primary goal of MESA (Mechanical Engineering Students' Association) was to successfully host a grand auto-expo at Bharti Vidyapeeth College of Engineering. This event aimed to attract a significant number of bikers and car owners, creating a platform for enthusiasts to come together and celebrate their passion for automobiles.

To generate interest and build anticipation, MESA members effectively utilized the orientation session by presenting a video preview of the upcoming auto-expo. This sneak peek provided attendees with a glimpse of what to expect, creating excitement and curiosity among students and auto enthusiasts alike.

The successful execution of the event and the engaging presentation during the orientation reflected MESA's commitment to fostering a vibrant automotive community within the college. Through such initiatives, MESA aimed to bring together like-minded individuals, showcase the latest trends in the automotive world, and create an enjoyable and informative experience for all attendees.





# YANTRAM 24'

Organized by MESA  
Dated: 24th Jan.2024  
Time: 12.00 PM

## MESA'S YANTRAM 24'

YANTRAM, an integral part of the Mechanical Engineering Students' Association (MESA) at BVCOE, stands as a vibrant force that goes beyond traditional mechanical pursuits. While MESA primarily focuses on the technical aspects of engineering, YANTRAM extends its reach into the realm of cultural events, creating a holistic student experience. YANTRAM's commitment to fostering a well-rounded development is evident in its diverse array of cultural events hosted within the BVCOE community.



From engaging workshops and artistic showcases to lively competitions, the team orchestrates events that seamlessly blend the technical prowess of mechanical engineering with the creativity and vibrancy of cultural expression. As YANTRAM continues to evolve within the framework of MESA, it serves as a testament to the idea that a well-rounded education involves not only mastering technical concepts but also embracing creativity, teamwork, and a diverse range of skills. The fusion of mechanical excellence with cultural flair truly makes YANTRAM an indispensable facet of BVCOE's educational landscape.



## **CAD WAR: A Battle of Designers against time**

The CAD War, a dynamic part design competition organized by the Mechanical Engineering Students' Association (MESA), stands as a testament to the intersection of creativity, engineering prowess, and collaborative spirit within the realm of Computer-Aided Design (CAD). This annual event provides aspiring mechanical engineers and design enthusiasts a platform to showcase their designing skills in crafting intricate and functional components using Auto CAD software. The CAD War not only serves as a showcase of technical proficiency but also as a celebration of the vibrant and forward-thinking engineering community fostered by MESA.





## Triumph of Design - Omkar Mane Emerges as the Winner

Omkar Mane, the triumphant winner of the CAD War event hosted by Mesa, demonstrated an exceptional blend of innovation and precision in the realm of Computer-Aided Design (CAD). His outstanding craftsmanship and meticulous approach showcased a profound understanding of the intricacies involved in part design. Omkar's ability to seamlessly navigate AutoCAD software highlighted not only technical proficiency but also a keen eye for detail. As the victor, Omkar Mane emerged as a symbol of the collaborative spirit and engineering excellence fostered by MESA, standing as a testament to his dedication, creativity, and prowess in the field of mechanical engineering and design.





## **MESA Technical Quiz Event: Fostering Knowledge and Excellence in Mechanical Engineering**

Mechanical Engineering Students' Association (MESA) recently organized a thrilling and intellectually stimulating event - a technical quiz exclusively designed for mechanical engineering students. The event garnered significant attention and participation from students across various years, showcasing the enthusiasm and passion for knowledge within the mechanical engineering community.



Technical quiz competitions play a pivotal role in enhancing the academic and practical knowledge of students. They serve as a platform for students to apply theoretical concepts in real-world scenarios, fostering a deeper understanding of the subject matter. These competitions often cover a wide range of topics, from core engineering principles to the latest advancements in the field, providing participants with a holistic view of their chosen discipline.



Furthermore, technical quizzes encourage healthy competition among students, motivating them to stay updated with the latest developments and innovations in their field. This not only enhances their problem-solving skills but also instills a sense of curiosity and a quest for continuous learning.



In the context of mechanical engineering, where theoretical knowledge is closely tied to practical applications, participating in technical quizzes becomes even more crucial. It helps students bridge the gap between theory and practice, preparing them for the challenges they may encounter in their professional careers.



## **Triumph of Knowledge - Darshan Shingane Emerges as the Winner**

The highlight of the MESA technical quiz event was the announcement of the winner, Darshan Shingane, a talented third-year student from the mechanical engineering branch. Darshan's victory is a testament to his dedication, understanding of the subject, and ability to apply knowledge in a competitive setting.

Darshan's achievement not only reflects his excellence but also serves as inspiration for fellow students. It highlights the importance of consistent effort, a deep understanding of core concepts, and the ability to think critically under pressure - invaluable qualities in mechanical engineering.



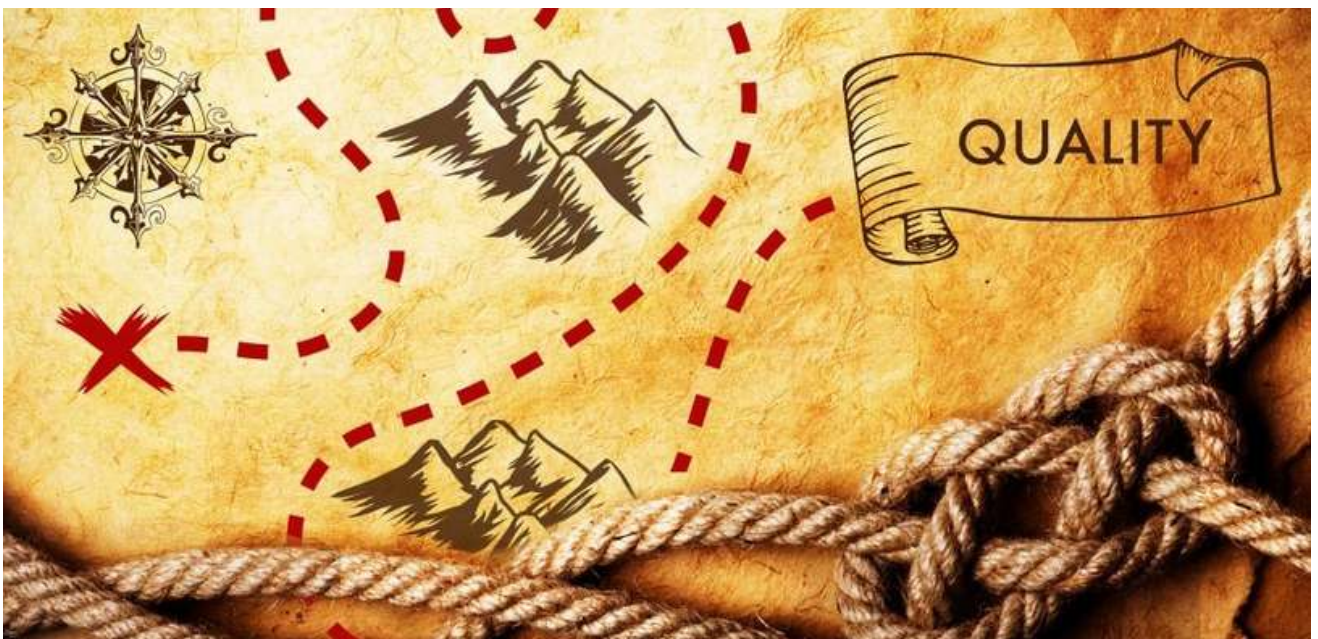
## Treasure Hunt

The Mechanical Engineering Students Association (MESA) successfully organized a thrilling Treasure Hunt event at BVCOENM, Campus. The event aimed to foster team spirit, problem-solving skills, and camaraderie among participants while providing an enjoyable experience.



- **Challenging Clues:** The Treasure Hunt featured strategically placed clues across the campus, requiring participants to apply their engineering knowledge and problem-solving skills. The clues were crafted to be both challenging and engaging, ensuring an intellectually stimulating experience.

- **Team Building:** The event encouraged collaboration and teamwork among participants. Teams had to navigate various challenges that tested their ability to work together under time constraints, fostering a sense of unity and cooperation.
- **Interactive Checkpoints:** Several were set up, each offering a unique challenge or puzzle. These checkpoints added excitement and allowed participants to showcase their creativity and analytical abilities.
- **Innovative Themes:** The Treasure Hunt incorporated innovative themes related to mechanical engineering, adding an educational dimension to the event. This allowed participants to apply their academic knowledge in a practical and entertaining context.





After an intense and exhilarating competition, the top three teams were declared winners based on their completion time and accuracy in solving the clues. Prizes, including certificates and tokens of appreciation, were awarded to the winning teams, encouraging healthy competition and recognition for their achievements.

The Treasure Hunt organized by MESA achieved its objectives of promoting teamwork, problem-solving, and a sense of community among mechanical engineering enthusiasts. The event's success serves as motivation for future endeavors, and MESA looks forward to organizing more engaging activities for the benefit of the student community.

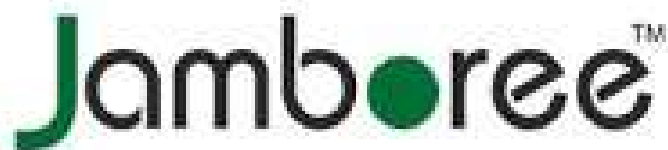


## Conclusion

In conclusion, the Mechanical Engineering Students' Association (MESA) at BVCOE, with its dynamic arms like YANTRAM, has successfully created a harmonious blend of technical excellence and cultural enrichment. Events such as the CAD War not only showcase the remarkable skills of aspiring mechanical engineers but also embody the collaborative spirit and forward-thinking ethos of the engineering community fostered by MESA. The recent technical quiz and Treasure Hunt further underscore MESA's commitment to providing a comprehensive learning experience, encouraging teamwork, problem-solving, and a strong sense of community among mechanical engineering enthusiasts. As MESA continues to organize engaging and diverse activities, it remains a driving force in shaping well-rounded individuals who are not only proficient in their technical pursuits but also actively contribute to the vibrant and holistic culture within the BVCOE community.

The image displays three event posters from the Mechanical Engineering Students Association (MESA) at Bharati Vidyapeeth College of Engineering, Navli Mumbai. Each poster includes the organization's name, logo, and event details.

- Technical Quiz:** A brown-themed poster for a trivia test on Wednesday, January 24, from 10:30 AM onwards at the Quadrangle. It features a lightbulb icon and mentions an entry fee of Rs. 100 and a cash prize of Rs. 250.
- Treasure Hunt:** A tan-themed poster for a treasure hunt on Wednesday, January 24, from 10:30 AM onwards at the Quadrangle Cafeteria. It features a magnifying glass and a treasure chest icon, with an entry fee of Rs. 100 and a cash prize of Rs. 250.
- CADD War:** A light blue-themed poster for a CAD competition on Wednesday, January 24, from 10:30 AM onwards in Room No. 15 CAD Lab. It features a gear icon and mentions an entry fee of Rs. 100 and a cash prize of Rs. 250.

The Jamboree logo is centered within a large white circle. The word 'Jamboree' is written in a black, sans-serif font. The letter 'o' is replaced by a solid green circle. A small 'TM' trademark symbol is positioned to the upper right of the word. The circle is surrounded by a thick blue ring, and the background of the entire page is white with large blue circular shapes.

# **CAREER COUNSELING SESSION BY JAMBOREE EDUCATION**

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**Organised by MESA  
Dated : 17th Jan 2024  
Venue: Room No.15**



## Introduction

The seminar conducted by MESA, in association with Jamboree Education on January 17 at 11:00 AM, addressed crucial aspects of pursuing a Master's abroad. With a focus on providing detailed insights, the seminar covered various facets, enabling students to navigate the complexities of international education.

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The session commenced with an in-depth exploration of the advantages of pursuing a Master's degree abroad. Emphasis was placed on exposure to diverse academic environments, cultural experiences, and the potential enhancement of career prospects. Real-life testimonials from alumni enriched the discussion, providing firsthand accounts of the transformative impact of studying abroad.



## Entrance Exam - GMAT-GRE & University Admissions

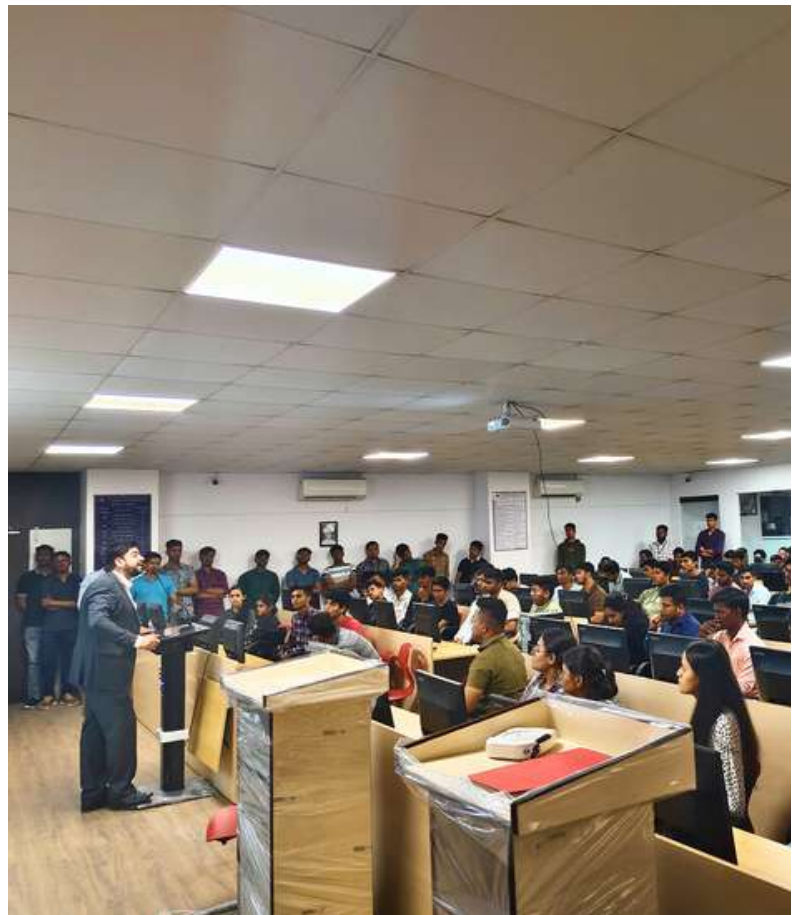
A substantial portion of the seminar was dedicated to elucidating the nuances of standardized tests, specifically the Graduate Management Admission Test (GMAT) and the Graduate Record Examination (GRE). Expert instructors from Jamboree Education elucidated on the intricacies of each test, offering strategies for effective preparation, study resources, and insights into score interpretation.

The seminar provided a comprehensive guide to navigating the labyrinth of university admissions. Detailed discussions on selecting the right program and institution were complemented by practical advice on crafting compelling statements of purpose, building a strong curriculum vitae, and obtaining persuasive recommendation letters. Attendees gained a thorough understanding of the holistic approach universities employ in evaluating applications.



## Loans and Visa Counseling

Recognizing the financial implications of studying abroad, the seminar included a dedicated segment on financial planning. Expert counselors discussed options for securing education loans, scholarship opportunities, and financial aid. The intricacies of the visa application process were demystified, with a focus on documentation requirements, interview preparations, and potential challenges faced by international students.



# Jamboree Education Seminar Poster



Jamboree™



**Bharati Vidyapeeth College of Engineering (BVCOE)**

In association with Jamboree Education Presents a

Seminar On

# Masters Abroad

MS | PhD | MBA | MIM

 17<sup>TH</sup> JAN (WED)  11:00 AM

Venue - BVCOE Seminar hall

## SPEAKERS



Sandeep Mathur



Vidhya Pandya



Imran Khan

For more information, please contact

Preem Deb - 8433988574



UNIVERSITY  
ADMISSIONS



GMAT • GRE  
SAT • IELTS



LOANS & VISA  
COUNSELLING



## Conclusion

The collaboration between MESA and Jamboree Education ensured a well-rounded and detailed exploration of crucial topics. Attendees left the seminar armed with not only theoretical knowledge but also practical insights and actionable steps to embark on their educational journey abroad. The event served as a valuable resource, empowering students with the information needed to make informed decisions and successfully navigate the complex landscape of pursuing Masters abroad.



**IBS<sup>®</sup>**

**ICFAI BUSINESS SCHOOL**

**MUMBAI**

# **CAREER COUNSELING SESSION BY IBS**

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**Organised by MESA  
Dated : 7th Feb 2024  
Venue: BVCOENM**

## Introduction

The Mechanical Engineering Students Association (MESA), in collaboration with IBS Mumbai, organized a career counseling session on the 7th of February 2024. The focus of the session was on the pursuit of an MBA after engineering and was open to students from all departments within the college. The objective was to provide students with valuable insights into the advantages and relevance of pursuing an MBA post-engineering education.

The counseling session addressed the question of why pursuing an MBA after completing an engineering degree could be a strategic career move. It delved into how the combination of technical and managerial skills positions individuals as versatile professionals in today's dynamic job market. The session explored the unique advantages that an MBA can bring, emphasizing the ability to bridge the gap between technical expertise and business acumen.



## Career Opportunities and Advancements

The session highlighted the diverse career opportunities and advancements that an MBA can unlock for engineering graduates. It discussed how managerial skills acquired through an MBA program are highly sought after in various industries, leading to accelerated career growth and increased leadership responsibilities. Examples and case studies were presented to illustrate the success stories of individuals who seamlessly integrated their engineering background with MBA knowledge to thrive in managerial roles.



## Industry Insights and Collaboration with IBS Mumbai

Experts from IBS Mumbai shared valuable industry insights during the counseling session, providing a glimpse into the evolving requirements of the corporate world. The collaboration with IBS Mumbai added credibility to the session, as it brought forth the expertise of a renowned business school. Attendees gained a deeper understanding of the specific MBA programs offered, admission processes, and the potential impact on their future careers.





## IBS Mumbai Session Poster



**BHARATI VIDYAPEETH**  
COLLEGE OF ENGINEERING, NAVI MUMBAI  
DEPARTMENT OF MECHANICAL ENGINEERING



# Career Counseling Insights

on

## Why Pursue **MBA** After Engineering?

IN ASSOCIATED WITH



OMKAR THOMBARE  
CONTACT- 7823040301

PRATHAMESH GAIKWAD  
CONTACT - 9821883237


WED 7TH  
FEBRUARY

@10AM ONWARDS

**Venue:-**

BHARATI VIDYAPEETH COLLEGE  
OF ENGINEERING, NAVI MUMBAI

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## Conclusion

In conclusion, the collaborative career counseling session by MESA and IBS Mumbai offered valuable insights into the advantages of pursuing an MBA after engineering. The engagement and feedback from students reflect a genuine interest in integrating technical and managerial skills for enhanced career opportunities. This event serves as a stepping stone for future initiatives, emphasizing the importance of aligning academic pursuits with evolving industry demands.



Get Placed

**NetTech India**  
Training Institute

# CAREER COUNSELLING SEMINAR BY NETTECH INDIA

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Organised by MESA  
Dated : 5th Feb 2024  
Venue: Room No.15

## Introduction

The Mechanical Engineering Students Association (MESA) organized a seminar on the 5th of February 2024, held in Room No-15 of the college. This event, conducted in collaboration with Net Tech, focused on two pivotal software tools in the field of mechanical engineering – AutoCAD and Solidworks. The seminar aimed to provide valuable insights and practical knowledge to students, shedding light on the significance of these tools in the industry.

AutoCAD and Solidworks took center stage during the seminar, offering students an in-depth understanding of their functionalities and applications. AutoCAD, a computer-aided design (CAD) software, allows engineers to create precise 2D and 3D models, while Solidworks specializes in 3D modeling and simulation. The integration of these tools into the curriculum aligns with the dynamic needs of the mechanical engineering field, fostering a holistic learning experience for students.



## Why Learn AutoCAD and Solidworks?



The acquisition of skills in AutoCAD and Solidworks holds immense value for mechanical engineering students. These software tools provide a platform for creativity and innovation, enabling students to conceptualize and design intricate mechanical components. Proficiency in these tools not only enhances problem-solving abilities but also serves as a catalyst for effective communication in the engineering realm. As industries continue to embrace digital transformation, familiarity with AutoCAD and Solidworks becomes a valuable asset for aspiring engineers.

AutoCAD and Solidworks play a pivotal role in diverse industries. In automotive engineering, these tools facilitate the design and analysis of complex mechanical systems. The aerospace industry benefits from precise modeling and simulation capabilities, ensuring the reliability of components. Additionally, manufacturing industries rely on these tools for prototyping and optimizing production processes. The seminar shed light on how these software tools are integral to addressing contemporary challenges in industries, emphasizing their practical significance.



## Seminar Impact

The impact of the seminar on AutoCAD and Solidworks was palpable among the attendees, predominantly comprising mechanical engineering students. The interactive sessions and practical demonstrations provided participants with a hands-on experience, fostering a deeper understanding of the software tools. Attendees expressed enthusiasm about incorporating these tools into their academic projects and acknowledged the relevance of such seminars in bridging the gap between theoretical knowledge and practical application.

Guest speakers from NETTECH INDIA shared valuable insights into industry practices, elucidating how proficiency in AutoCAD and Solidworks aligns with the evolving needs of the job market. The networking opportunities created during the seminar opened avenues for students to engage with professionals and gain valuable perspectives on the real-world application of these tools.





## NetTech India Seminar Poster



BHARATI VIDYAPEETH  
COLLEGE OF ENGINEERING, NAVI MUMBAI  
DEPARTMENT OF MECHANICAL ENGINEERING



# AutoCad & SolidWorks SEMINAR



IN ASSOCIATION WITH



ORGANISED BY

**MECHANICAL ENGINEERING  
STUDENTS ASSOCIATION**



DATE: 05-02-2024



TIME : 11:00 - 12:00 PM



VENUE : ROOM NO. 15



CONTACT: Nihar & Yash Dhanraj : 7738785493



## Conclusion

In conclusion, the seminar organized by MESA in collaboration with NETTECH INDIA on AutoCAD and Solidworks stands as a testament to the commitment of the college to provide holistic education to its mechanical engineering students. The event not only enhanced the technical prowess of attendees but also instilled a sense of confidence in their ability to tackle complex engineering challenges.

This seminar not only illuminated the path for students to excel in their academic journey but also empowered them with the tools necessary to navigate the dynamic landscape of the mechanical engineering industry. The collaboration between MESA and NETTECH INDIA exemplifies the synergy between academia and industry, ensuring that students are well-prepared to contribute meaningfully to the advancements in the field of mechanical engineering.



# **CAREER COUNSELING SESSION BY ETI**

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**Organised by MESA  
Dated : 7th Feb 2024  
Venue: BVCOENM**

## Introduction

The seminar on Industry-Student Interaction in the Piping Domain, a collaborative effort between Engineering and Technology Institute (ETI) and the Mechanical Engineering Student Association (MESA), served as a pivotal bridge between academic knowledge and the practical requirements of the mechanical engineering field. The event, held on 7th Feb 2024, Mr. Prathamesh Sawant delivered a comprehensive speech addressing key aspects crucial for aspiring mechanical engineers in the piping industry. The opening sessions provided an insightful overview of the piping domain, defining its significance in diverse industries and outlining the pivotal roles that mechanical engineers play within this sector.



## Career Opportunities and Advancements

The seminar delved into important aspects that mechanical engineers must study, emphasizing a thorough understanding of fundamental concepts relevant to piping. This exploration extended to cover design, analysis, and maintenance aspects, ensuring students gained a holistic perspective on their future roles. A major focus was on preparing students for job readiness, shedding light on both on-campus and off-campus placement processes. The seminar equipped students with insights into the skills and competencies sought by the industry, offering guidance on excelling in technical interviews and assessments.



## Piping Industry Insights

A significant portion of the seminar was dedicated to unraveling the complexities of Piping and Instrumentation Diagrams (P&ID), Isometrics, and Plan Layouts. Attendees gained a deep understanding of how P&ID serves as a critical tool for process visualization and control, the role of Isometrics in accurate three-dimensional piping design representation, and the importance of effective plan layouts in optimizing space, safety, and efficiency.

The event facilitated direct interaction between students and industry professionals through real-world case studies, success stories, and engaging Q&A sessions. The seminar also emphasized the importance of not only technical proficiency but also the development of soft skills and effective communication for successful collaboration within project teams.



# ETI Session Poster



**BHARATI VIDYAPEETH**  
COLLEGE OF ENGINEERING, NAVI MUMBAI  
DEPARTMENT OF MECHANICAL ENGINEERING



*is organizing*

## SEMINAR



ON

## Insights of

## PIPING DOMAIN

Interview questions asked in  
Piping Companies would be  
discussed especially for BE  
students!

IN ASSOCIATION WITH



**Excel Technical Institute**

Learn | Innovate | Evolve



**TUESDAY**  
13TH FEB, 2024



**TIME**  
11:00 - 12:00 PM



**VENUE:**  
BHARATI VIDYAPEETH COLLEGE  
OF ENGINEERING, NAVI MUMBAI

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## Conclusion

Concluding the seminar were valuable takeaways, including the significance of mastering fundamental concepts, the role of software skills, and the importance of effective communication. The practical insights provided regarding P&ID, Isometrics, and Plan Layouts equipped students with a robust foundation for their future careers in the piping industry. Moreover, the seminar addressed job placement strategies, offering guidance on crafting compelling resumes, cover letters, and conducting successful interviews. The collaboration between ETI and MESA in organizing this seminar exemplifies a commitment to preparing students for real-world challenges and ensuring a seamless transition from academia to the professional sphere. Overall, the event successfully equipped mechanical engineering students with the knowledge and skills necessary to excel in the complex and dynamic field of piping.



**CADD<sup>®</sup>**  
**CENTRE**  
KHARGHAR

# **CAREER COUNSELING SESSION BY CADD CENTRE**

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**Organised by MESA**  
**Dated : 8th Feb 2024**  
**Venue: BVCOENM**

## Introduction

The Mechanical Engineering Students Association (MESA) collaborated with CADD CENTRE Kharghar to organize a career counseling session on the 8th of February 2024. The session focused on the excellence of CAD modeling and targeted students from the mechanical department in the college. This report provides an overview of the key insights and highlights from the career counseling event.

The counseling session delved into the realm of Computer-Aided Design (CAD) modeling, emphasizing its significance in the field of mechanical engineering. CAD modeling serves as a cornerstone for design innovation, enabling engineers to create accurate and detailed virtual representations of physical objects. The session outlined the evolution of CAD technology and its transformative impact on various industries, setting the stage for a comprehensive understanding of its excellence.



## Key Takeaways from the Counseling Session

Attendees gained valuable insights into the nuances of CAD modeling excellence. The session covered essential topics such as advanced modeling techniques, industry-specific applications, and the integration of CAD into the product development lifecycle. Participants were introduced to the latest trends and advancements in CAD technology, offering a glimpse into the future of design engineering.

CADD CENTRE Kharghar's experienced counselors provided guidance on selecting the right CAD tools based on industry requirements. The session facilitated an interactive environment, allowing students to raise queries and seek personalized advice on how to navigate the vast landscape of CAD modeling effectively.



## Industry Relevance of CAD Modeling Skills

The career counseling session underscored the growing demand for professionals with expertise in CAD modeling. Automotive and aerospace industries increasingly rely on CAD for product design, prototyping, and simulation. Proficiency in CAD modeling has become a key differentiator for individuals entering the workforce, enhancing their employability in a competitive job market. The session illuminated the diverse career paths available to those with a strong foundation in CAD modeling, reinforcing its relevance across various sectors.





## CADD Centre Session Poster



**BHARATI VIDYAPEETH**  
COLLEGE OF ENGINEERING, NAVI MUMBAI  
DEPARTMENT OF MECHANICAL ENGINEERING



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# Career Counseling Insights

ON



# Excellence in CAD MODELLING

IN ASSOCIATION WITH

**CADD  
CENTRE**

**Kharghar**

Driving Digital Designs!



**THURSDAY**  
**08 FEB, 2024**



**TIME**  
**11:00 - 12:00 PM**



**VENUE:**  
BHARATI VIDYAPEETH COLLEGE  
OF ENGINEERING, NAVI MUMBAI

**EVENT COORDINATORS:**

**ARYAN KOLTE - 9969128895**

**SWASTIK SALUNKHE - 8693057256**



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## Conclusion

The counseling session concluded by shedding light on the future opportunities that await students proficient in CAD modeling. With the advent of Industry 4.0 and the digital transformation of engineering practices, CAD modeling continues to play a pivotal role in shaping the future of design and manufacturing. Students were encouraged to explore certifications and training programs offered by CADD CENTRE Kharghar to further enhance their CAD skills and stay abreast of industry advancements.

In summary, the collaborative effort between MESA and CADD CENTRE Kharghar provided students with valuable insights into the excellence of CAD modeling. The event not only broadened their understanding of the practical applications of CAD but also catalyzed informed career decisions. As the mechanical engineering landscape evolves, the proficiency in CAD modeling remains a key determinant of success, and the counseling session equipped students with the knowledge and guidance needed to navigate their future career paths effectively.