

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Avalahalli, Doddaballapur Main Road, Bengaluru - 560064



Report on

E-Induction Programme

departmental activities

Organized by

Department of Mechanical Engineering

Date: 17th to 31st Dec 2021

Department Coordinator:

Dr. Nagamadhu M

Chief Coordinator:

Dr. Sathish Kumar K M

Professor and Head,
Department of Mechanical Engineering

B.M.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT

#6443, Doddaballapura Main Road, Avalahalli, Yelahanka, Bengaluru-560064

DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR: 2021 – 2022



BMS Institute of Technology and Management

(An Autonomous Institution, Affiliated to VTU, Belagavi)

Yelahanka, Avalahalli, Bengaluru - 560064

Date: 11th Dec 2021

Schedule of First Year E-Induction Programme – 2021-2022

Time	Activity	Faculty- In - Charge	Level	Link
Day 1: 17-12-2021 (Friday) Online Mode				
11:30 am - 12:15 pm	Inauguration of First Year Classes	Principal	Institution	http://surl.li/azdsq
12.15 pm – 1.15 pm, Lunch				
01.15 am – 02.15 pm	Institute level Orientation: BMSIT&M presentation	Presented by Dean Student Welfare	Institution	http://surl.li/azdsq
02.15 pm – 03.15 pm	Institute level Orientation: Presentation on Autonomous, VTU rules and regulations	Presented by First year chief coordinator	Institution	http://surl.li/azdsq
03.15 pm – 04.15 pm	Institute level Orientation: Placement presentation	Head – Placement Department	Institution	http://surl.li/azdsq
04:15 pm – 05.15 pm	Presentation on central facilities	Dean External Welfare	Institution	http://surl.li/azdsq
Day 2: 18-12-2021 – (Saturday) Online Mode				
08:30 am - 10:30 am	Physical health and related activities	Physical Education department and Dr. Sudheer Chem Dept. Dr. Laxmi Sagar Reddy, Chem Dept.	Institution	http://surl.li/azdsq
10.30 am – 10.45 am, Tea Break				
10.45 am - 12.45 pm	Department level Orientation: <ul style="list-style-type: none"> • Department presentation • Interaction with parents • Student registration (only required data - attendance) • Presentation on department rules and regulations and overview • Clubs in the department 	Department HoD/ Department Coordinator Dr. KMS Dr. NM Aeroclub –Prof.MCM SAE – Dr. SD Robotics club – Prof. NP	Department	Google Meet link: https://meet.google.com/dkp-doob-acv
12.45 pm – 1.15 pm, Lunch Break				
01:15 pm – 3.15 pm	Briefing about the importance of the program and introduction of the department	Dr. KMS Dr. NM	Department	Google Meet link: https://meet.google.com/dkp-doob-acv

03.15 pm – 05.15 pm	Mentor-mentee groups - Introduction within group. (To be allotted in advance-1 mentor with approximately 20 mentees equally) Lab visit & college tours	Dr. Jojy Joseph Idicula – Chief Proctor Department Mentors	Institution	http://surl.li/azdsq
Day 3: 20-12-2021 – (Monday) – Online Mode				
08:30 am - 10:30 am	Physical health and related activities	Physical Education department and Dr. Sudheer, and Dr. Laxmi Sagar Reddy, Chem Dept.	Institution	http://surl.li/azdsq
10.30 am – 10.45 am, Tea Break				
10.45 am – 12.45 pm	Universal Human Values	Tejeswini, UHV coordinator And departmental UHV coordinators	Institution	http://surl.li/azdsq
12.45 pm – 1.15 pm, Lunch Break				
01:15 pm – 03.15 pm	Library and institutional clubs	Dr. Annapoorna, Ms. Anitha Kiran, Mathematics department	Institution	http://surl.li/azdsq
03.15 pm – 05.15 pm	English Proficiency	Dr. Basavaraj, Physics Dept and English Dept.	Institution	http://surl.li/azdsq
Day 4: 21-12-2021 – (Tuesday) – Online Mode				
8:30 am - 10:30 am	Physical health and related activities	Physical Education department and Dr. Sudheer, Chem. Dept. Dr. Laxmi Sagar Reddy, Chem Dept.	Institution	http://surl.li/azdsq
10.30 am – 10.45 am, Tea Break				
10.45 am – 12.45 pm	Creative Arts	Dr. Jyothi Abbar, Che Dept. Dr. Priyanka Pal, Maths Dept	Institution	http://surl.li/azdsq
12.45 pm – 1.15 pm, Lunch Break				
1:15 pm – 3.15 pm	Performing Arts	Dr. Yashashwini, Physics Dept. Mrs. Sreelakshmi T. K., Maths Dept	Institution	http://surl.li/azdsq
3.15 pm – 5.15 pm	Katalyst presentation / Covid Awareness	Kallur Vijaya Kumar, Maths Dept Mrs. Rani, PED dept.	Institution	http://surl.li/azdsq
Day 5: 22-12-2021 – (Wednesday) – Online Mode				
8:30 am - 10:30 am	Physical health and related activities	Physical Education department, Dr. Sudheer, & Dr. Laxmi Sagar Reddy, Chem Dept.	Institution	http://surl.li/azdsq
10.30 am – 10.45 am, Tea Break				
10.45 am – 12.45 pm	Universal Human Values	Tejeswini, UHV and departmental UHV coordinators	Institution	http://surl.li/azdsq

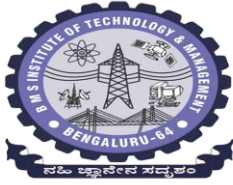
12.45 pm – 1.15 pm, Lunch Break				
1:15 pm – 3.15 pm	Literary Activity	Dr. Arnab, Maths Dept. Jyothi Roy, Chem dept	Institution	http://surl.li/azdsq
3.15 pm – 5.15 pm	Visit to local areas	Mrs. Shwetha, CHE Dr. Suresh, CHE	Institution	http://surl.li/azdsq
Day 6: 23-12-2021 – (Thursday) – Online Mode				
8:30 am - 10:30 am	Physical health and related activities	Physical Education department Dr. Sudheer, Chem. Dept. Dr. Laxmi Sagar Reddy, Chem Dept.	Institution	http://surl.li/azdsq
10.30 am – 10.45 am, Tea Break				
10.45 am – 12.45 pm	<ul style="list-style-type: none"> • Career Guidance • Interaction with seniors • Alumni Interaction 	Department HoD/ Senior Professor/ Department Coordinator Dr. KMS Dr. NM Prof. KCR Prof. KCR	Department	Google Meet link: https://meet.google.com/dkp-doob-acv
12.45 pm – 1.15 pm, Lunch Break				
1:15 pm – 3.15 pm	Project Exhibition / Demonstration	Department HoD/ Senior Professor/ Department Coordinator Dr. KMS Dr. NM Dr. GLA	Department	Google Meet link: https://meet.google.com/dkp-doob-acv
3.15 pm – 5.15 pm	Talk by Eminent speaker – Department specific	Department HoD/ Senior Professor/ Department Coordinator Dr. KMS Dr. NM	Department	Google Meet link: https://meet.google.com/dkp-doob-acv
Day 7: 24-12-2021 – (Friday) – Online Mode				
8:30 am - 10:30 am	Physical health and related activities	Physical Education department and Dr. Sudheer, Chem. Dept. Dr. Laxmi Sagar Reddy, Chem Dept.	Institution	http://surl.li/azdsq
10.30 am – 10.45 am , Tea Break				
10.45 am – 12.45 pm	Creative Arts	Dr. Jyothi Abbar, Che Dept. Dr. Priyanka Pal, Maths Dept	Institution	http://surl.li/azdsq
12.45 pm – 1.15 pm, Lunch Break				
1:15 pm – 3.15 pm	Performing Arts	Dr. Yashashwini, Physics Dept. Mrs. Sreelakshmi T. K., Maths Dept	Institution	http://surl.li/azdsq

3.15 pm – 5.15 pm	English Proficiency	Dr. Basavaraj, Physics Dept and English Dept.	Institution	http://surl.li/azdsq
Day 8: 27-12-2021 – (Monday) – Online Mode				
8:30 am - 10:30 am	Physical health and related activities	Physical Education department and Dr. Sudheer, Chem. Dept. Dr. Laxmi Sagar Reddy, Chem Dept.	Institution	http://surl.li/azdsq
10.30 am – 10.45 am, Tea Break				
10.45 am – 12.45 pm	Universal Human Values	Tejeswini, UHV coordinator And departmental UHV coordinators	Institution	http://surl.li/azdsq
12.45 pm – 1.15 pm, Lunch Break				
1:15 pm – 3.15 pm	Literary Activity	Dr. Arnab, Maths Dept. Jyothi Roy, Chem dept	Institution	http://surl.li/azdsq
3.15 pm – 5.15 pm	Visit to local areas	Mrs. Shwetha, CHE Dr. Suresh, CHE	Institution	http://surl.li/azdsq
Day 9: 28-12-2021 – (Tuesday) – Online Mode				
8:30 am - 10:30 am	Physical health and related activities	Physical Education department and Dr. Sudheer, Chem. Dept. Dr. Laxmi Sagar Reddy, Chem Dept.	Institution	http://surl.li/azdsq
10.30 am – 10.45 am, Tea Break				
10.45 am – 12.45 pm	Creative Arts	Dr. Jyothi Abbar, Che Dept. Dr. Priyanka Pal, Maths Dept	Institution	http://surl.li/azdsq
12.45 pm – 1.15 pm, Lunch Break				
10.45 am – 12.45 pm	Creative Arts	Dr. Jyothi Abbar, Che Dept. Dr. Priyanka Pal, Maths Dept	Institution	http://surl.li/azdsq
1:15 pm – 3.15 pm	Professional clubs	Dr. Annapurna, Maths Dept. Mrs. Anitha Kiran, Maths Dept.	Institution	http://surl.li/azdsq
3.15 pm – 5.15 pm	Universal Human Values	Tejeswini, UHV coordinator And departmental UHV coordinators	Institution	http://surl.li/azdsq
Day 10: 29-12-2021 – (Wednesday) – Online Mode				
8:30 am - 10:30 am	Physical health and related activities	Physical Education department and Dr. Sudheer, Chem. Dept. Dr. Laxmi Sagar Reddy, Chem Dept.	Institution	http://surl.li/azdsq
10.30 am – 10.45 am, Tea Break				

10.45 am – 12.45 pm	Universal Human Values	Tejeswini, UHV coordinator And departmental UHV coordinators	Institution	http://surl.li/azdsq
12.45 pm – 1.15 pm, Lunch Break				
1:15 pm – 3.15 pm	Talk by Eminent speaker – Department specific	Department HoD/ Senior Professor/ Department Coordinator Dr. KMS Dr. NM	Institution	Google Meet link: https://meet.google.com/dkp-doob-acv
3.15 pm – 5.15 pm	Intellectual Property Rights	Anitha and Annapurna, Maths Dept.	Institution	http://surl.li/azdsq
Day 11: 30-12-2021 – (Thursday) – Online Mode				
8:30 am - 10:30 am	Physical health and related activities	Physical Education department and Dr. Sudheer, Chem. Dept. Dr. Laxmi Sagar Reddy, Chem Dept.	Institution	http://surl.li/azdsq
10.30 am – 10.45am, Tea Break				
10.45 am – 12.45 pm	Talk by eminent person	Dr. Ramakrishnapp, HoD, Che dep. Dr. Lokesh, HoD, Physics Dept	Institution	http://surl.li/azdsq
12.45 pm – 1.15 pm, Lunch Break				
1:15 pm – 3.15 pm	Feedback from students on various sessions conducted for them. Discussions and finalization of presentations within each department. Showcasing of talent within the departments.	Mrs. Shwetha, CHE Dr. Suresh, CHE	Institution	http://surl.li/azdsq
3.15 pm – 5.15 pm	Feedback from students on various sessions conducted for them. Discussions and finalization of presentations within each department. Showcasing of talent within the departments.	Mrs. Shwetha, CHE Dr. Suresh, CHE	Institution	http://surl.li/azdsq
Day 12: 31-12-2021 – (Friday) – Online Mode				
8:30 am - 10:30 am	Physical health and related activities	Physical Education department and Dr. Sudheer, Chem. Dept. Dr. Laxmi Sagar Reddy, Chem Dept.	Institution	http://surl.li/azdsq
10.30 am – 10.45 am Tea Break				
10.45 am – 12.45 pm	Feedback Sessions	Mrs. Shwetha, CHE Dr. Suresh, CHE	Institution	http://surl.li/azdsq
12.45 pm – 1.15 pm, Lunch Break				

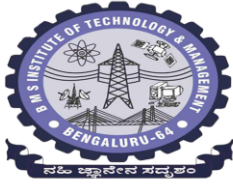
1:15 pm – 3.15 pm	Final day performance <ul style="list-style-type: none"> • Presentation by each department at the college level in the amphitheatre and Valedictory session. 	College Level Cultural club coordinators	Institution	http://surl.li/azdsq
3.15 pm – 5.15 pm	Final day performance <ul style="list-style-type: none"> • Presentation by each department at the college level in the amphitheatre and Valedictory session. 	College Level Cultural club coordinators	Institution	http://surl.li/azdsq

Principal



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Date	18th and 23rd Dec 2021
Name of the Activity	Briefing about the importance of the program and introduction of the department, Department presentation, Presentation on department rules and regulations and overview, Department presentation, Interaction with parents, Student registration, Presentation on department rules and regulations and overview, Lab Visit, Clubs in the department, Briefing about the college and department, Mentor-mentee groups, Career Guidance, Interaction with seniors, Alumni Interaction, Project Exhibition / Demonstration
Name of the coordinator	Dr. K. M. Sathish Kumar, and Dr. Nagamadhu M
Number of students attended	23
Brief explanation about the Activity delivered	Regarding rules, credits, activities, first year subjects, subject code, and departmental details, Started with welcome to the department of mechanical engineering, department begins with 60 intakes, history of ME, students achievements, faculty achievements, faculties and instructors interactions. Explained all labs details by lab in charge's, Clubs in the department, College and department details with video, Mentor-mentee groups and discussed with student about their future planes Prof. Praveen Kumar T N started career guidance presentation at 10.45am, he interacted with students regarding career in mechanical engineering comparing to CS, IS etc... Also discussed about small scale and medium scale industries. Tarun Pachauri, Adarsh V Desai and Jayanth Banshali Seniors interactions regarding their experience, placements, studies etc. Alumni interactions from Edwin Easo Mathew, Sawad Nadubali and Bhavneet Aggrwal, Project Exhibition / Demonstration by Dr. Anatha Krishna G L
Feedback taken	Yes

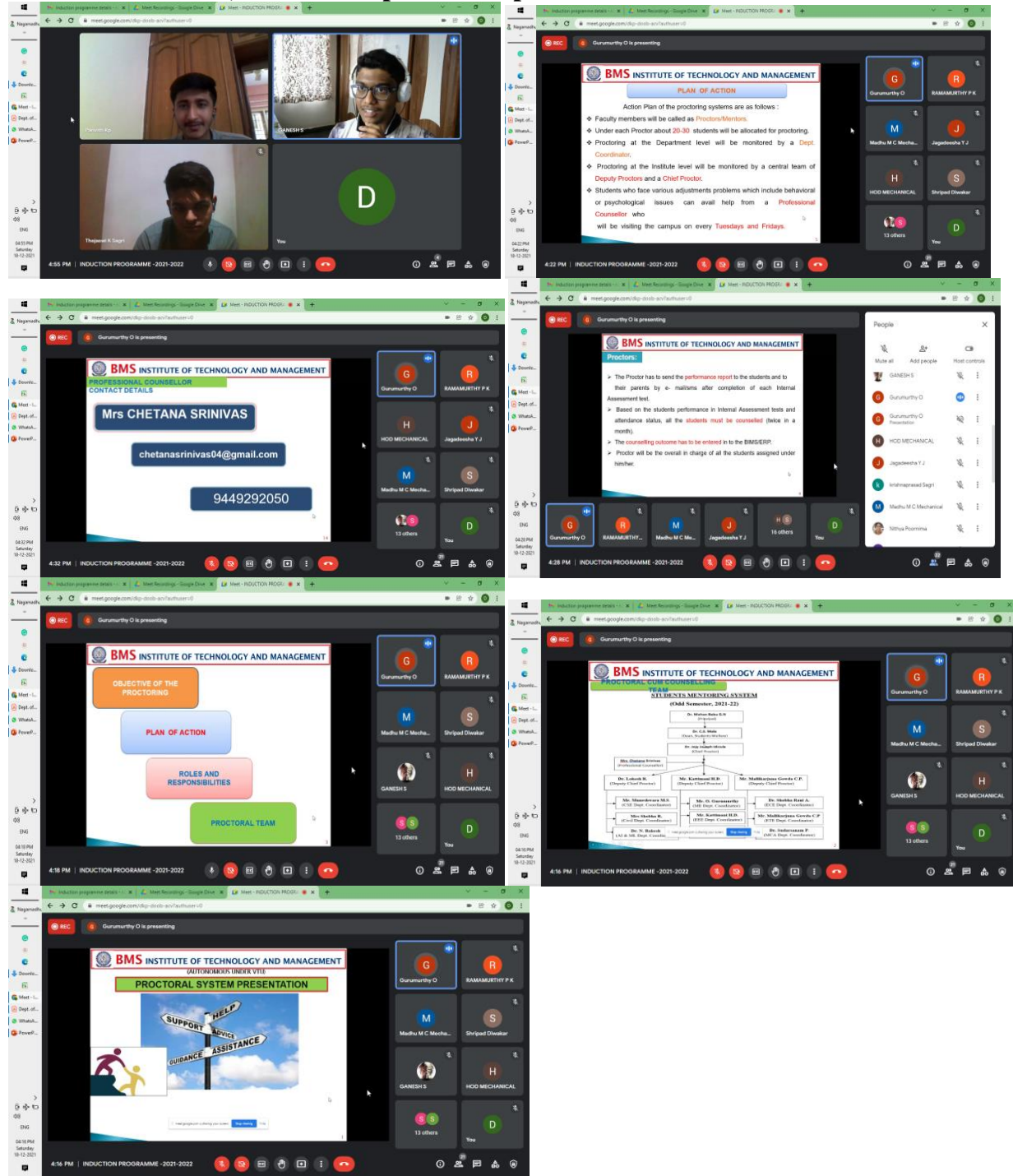


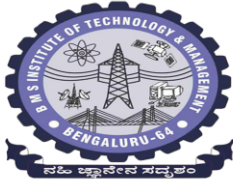
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Photographs taken about the activity as evidence

Mentor-mentee groups

Date : 18th Dec 2022, Time : 03.15pm to 05.15pm



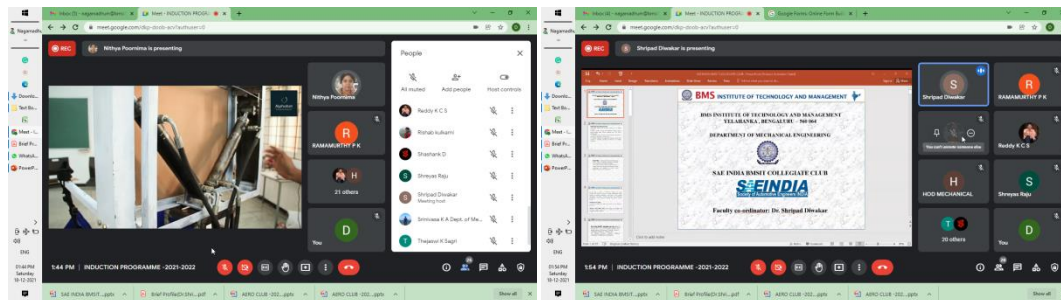
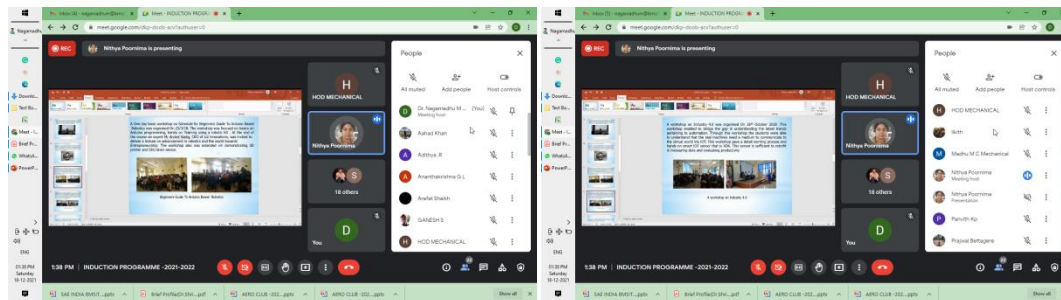
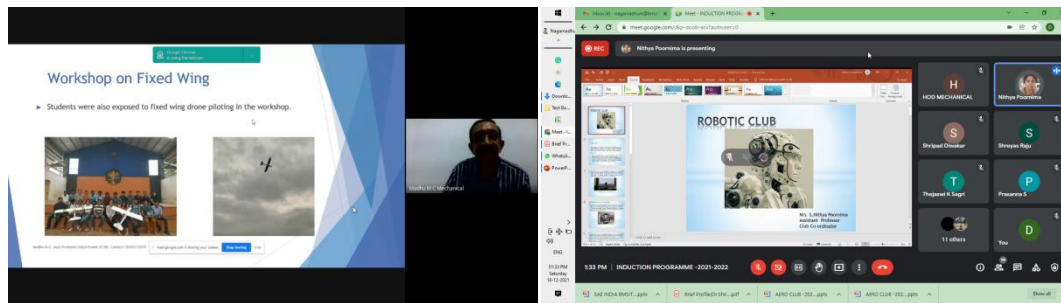
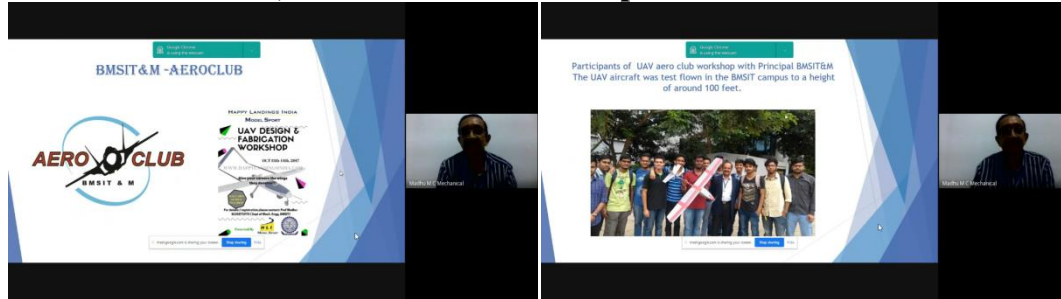


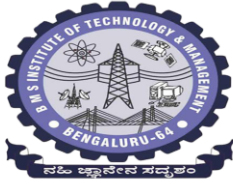
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Photographs taken about the activity as evidence

Clubs in the department

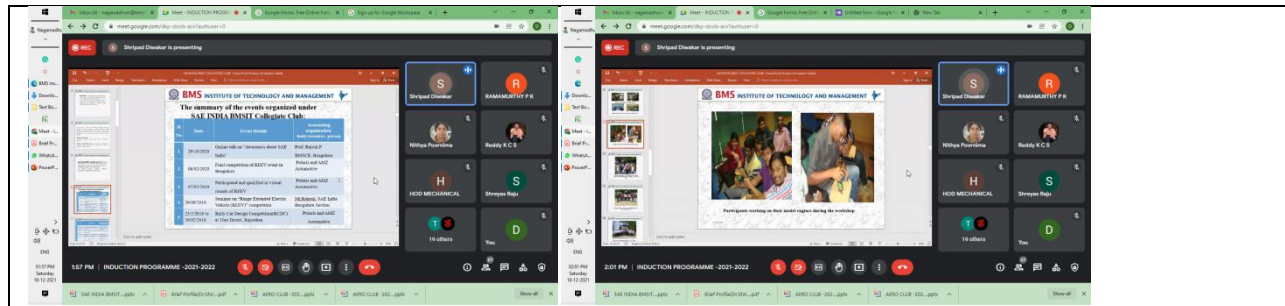
Date : 18th Dec 2022, Time : 10.45am to 12.45pm



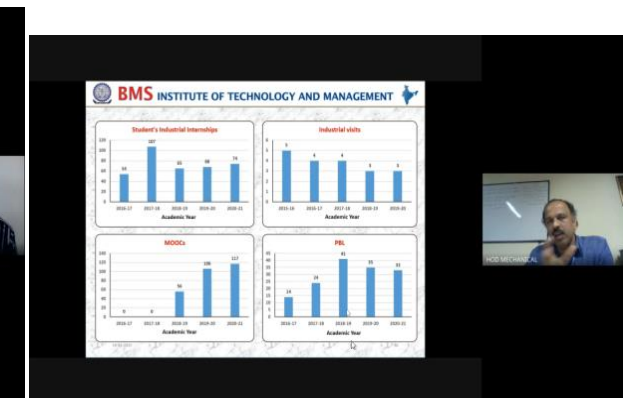
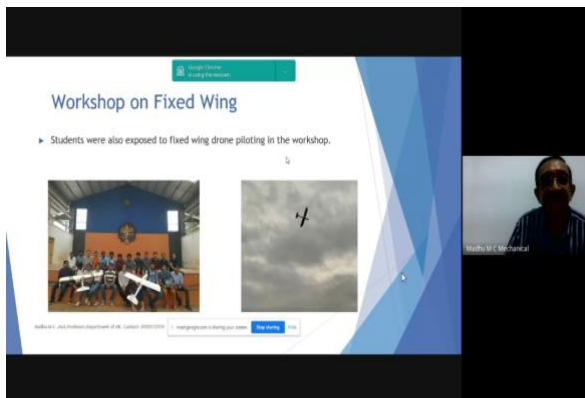
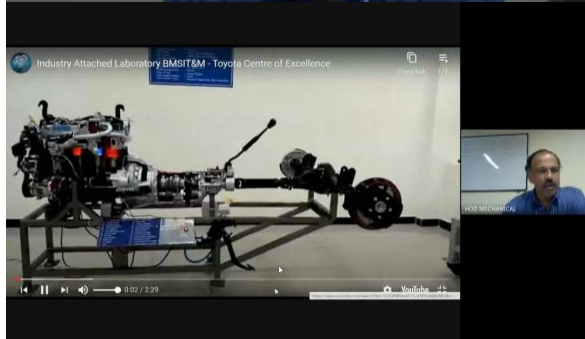
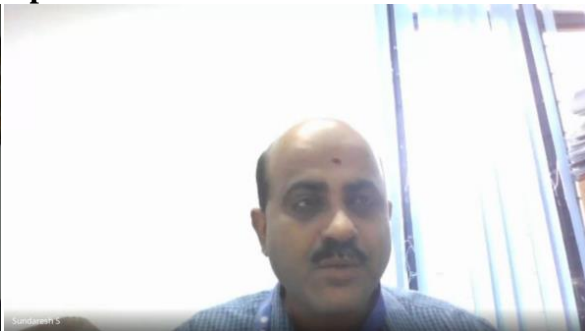


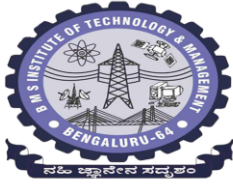
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Photographs taken about the activity as evidence
Department presentation, Interaction with parents, Student registration, Presentation on department rules and regulations and overview.
Date : 18th Dec 2022, Time : 10.45am to 12.45pm

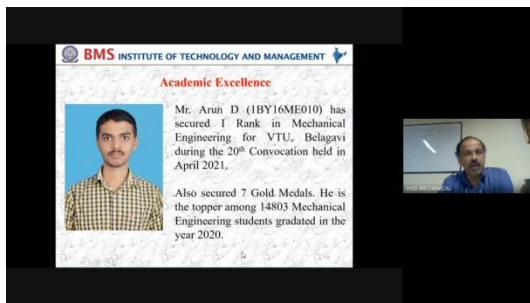




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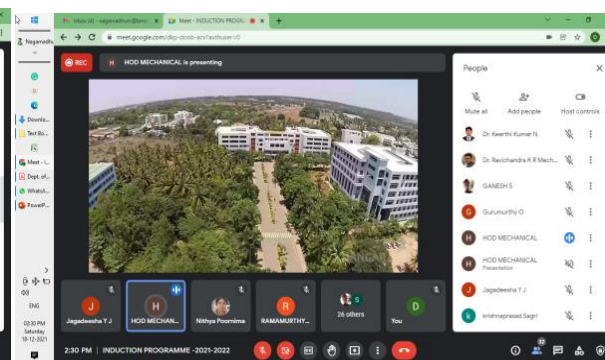
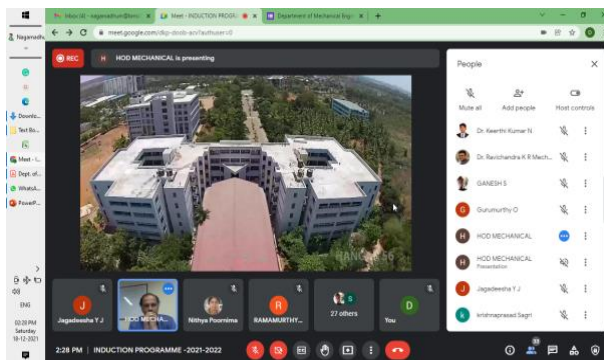
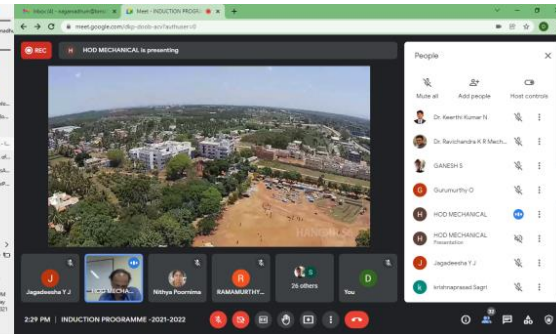
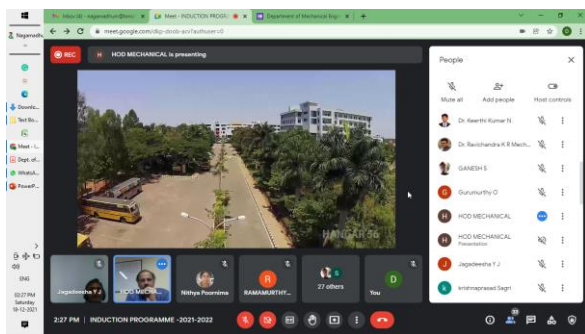
BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT	
Department of Mechanical Engineering (NBA Accredited)	
Year of Establishment	2002-03
Approved Student Intake	60
Number of Faculty Members	20
Number of Ph.D. Degree holders	12
Number of Faculty Members pursuing Ph.D.	08
Research Center	2004-05
Ph.D Research Scholars	24
Ph.D. Awarded	05
P.G in Machine Design	2014-15
Student Intake	18

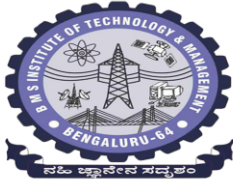


Photographs taken about the activity as evidence

Briefing about the college and department

Date : 18th Dec 2022, Time : 01.15pm to 03.15pm





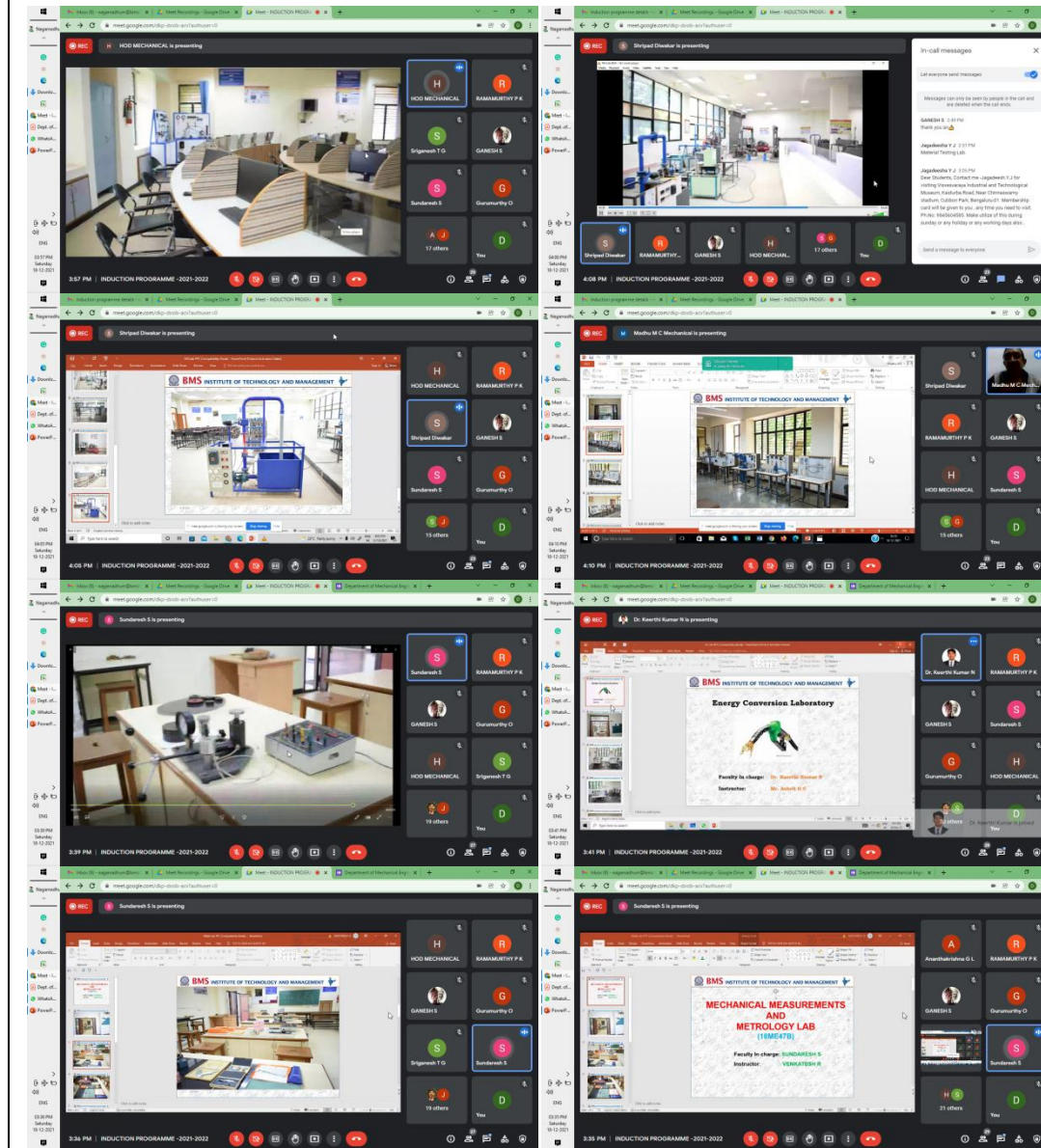
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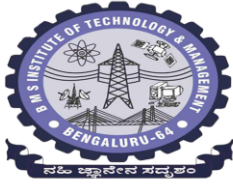
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Photographs taken about the activity as evidence

Lab visit

Date : 18th Dec 2022, Time : 01.15pm to 03.15pm





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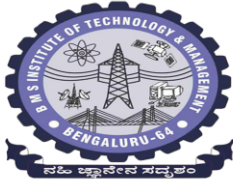
The image displays a series of 12 screenshots from a Zoom meeting, arranged in a 6x2 grid. Each screenshot shows a different slide or video frame from the presentation, along with the Zoom meeting interface. The slides include:

- Slide 1:** A diagram titled "SPEED GOVERNORS" showing a mechanical governor mechanism with labels for "Proportional Control", "Integral Control", and "Derivative Control".
- Slide 2:** A photograph of a laboratory setup with a machine and a person.
- Slide 3:** A photograph of a laboratory setup with a machine and a person.
- Slide 4:** A photograph of a laboratory setup with a machine and a person.
- Slide 5:** A photograph of a laboratory setup with a machine and a person.
- Slide 6:** A photograph of a laboratory setup with a machine and a person.
- Slide 7:** A photograph of a laboratory setup with a machine and a person.
- Slide 8:** A photograph of a laboratory setup with a machine and a person.
- Slide 9:** A photograph of a laboratory setup with a machine and a person.
- Slide 10:** A photograph of a laboratory setup with a machine and a person.
- Slide 11:** A photograph of a laboratory setup with a machine and a person.
- Slide 12:** A photograph of a laboratory setup with a machine and a person.

The Zoom meeting interface shows the following participants:

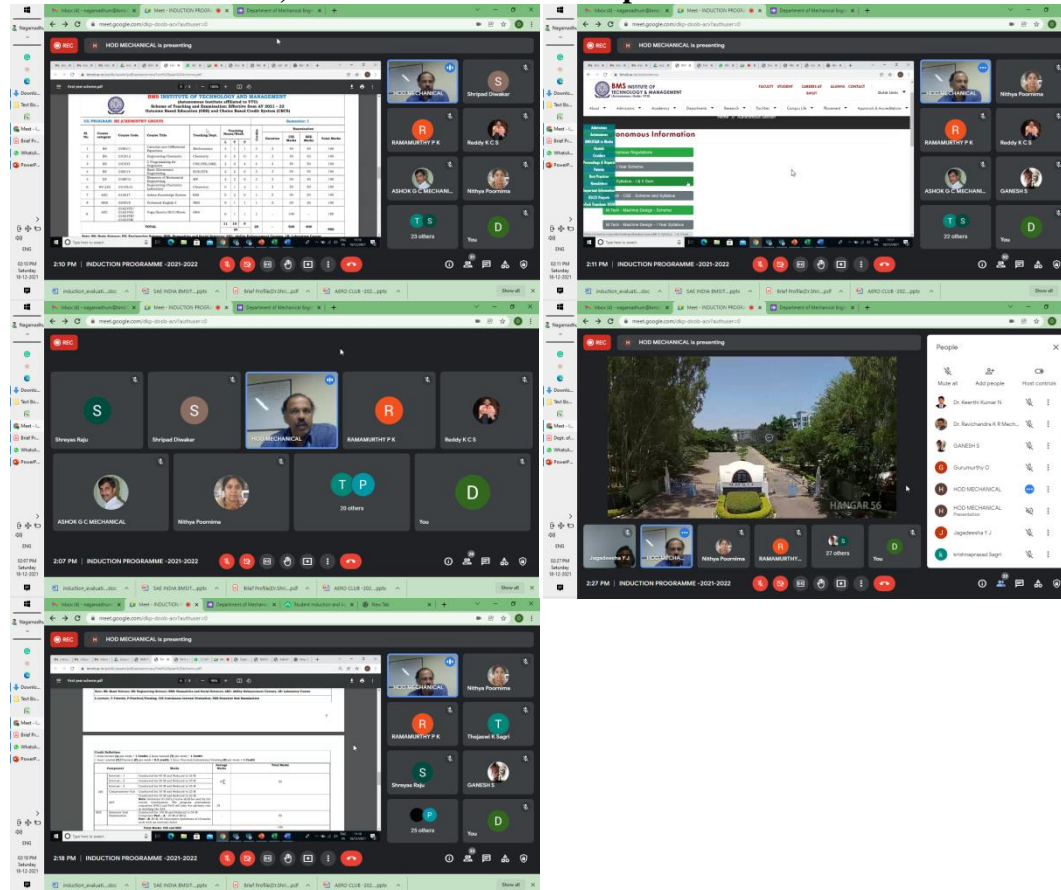
- Ananthakrishna G.L.
- RAMAMURTHY P.K.
- GANESH S.
- Community O
- HOD MECHANICAL
- Srinivas T.G.
- Praveen Kumar T.N.
- 21 others

The meeting title is "INDUCTION PROGRAMME - 2021-2022".

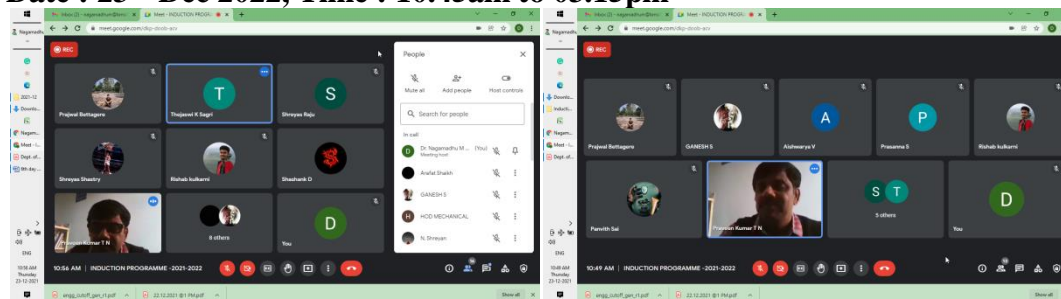


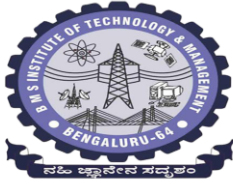
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Briefing about the college and department
Briefing about the importance of the program and introduction of the department,
Department presentation, Presentation on department rules and regulations and overview.
Date : 18th Dec 2022, Time : 10.45am to 12.45pm



Briefing about the college and department
Career Guidance, Interaction with seniors, Alumni Interaction, Project Exhibition /
Demonstration
Date : 23rd Dec 2022, Time : 10.45am to 03.15pm

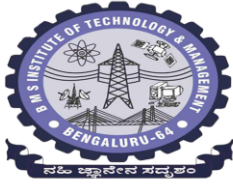




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Mechanical Engineering : Opportunities
By Praveen Kumar TN
Associate Professor, Dept. of Mech. Engg. &
Chief Co-ordinator, P CoE, BMSITM
Dt. 23-12-2021
Mail: praveen@bmsit.in
Mob: 8195531352 / 9341147073

Mechanical Design Engineer
This area involves design and development of products and their respective toolings for productions and inspections, which includes jigs and fixtures. It is very significant when innovative products and respective tooling development is required to achieve large volumes of productions. This domain demands innovative mechanical engineers at job besides offering great salary to the skilled candidates.



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