



Fr. C. Rodrigues Institute of Technology

Department of Mechanical Engineering

Sector - 9A, Vashi, Navi Mumbai – 400 703, INDIA.

Telephone: 022-2777 1000, 2766 1924, 2766 0618. Fax: 2766 0619

Website: www.fcrit.ac.in

Brief Activity/Event Report

1. Name of the Activity/Event : Lecture Series
2. Activity/Event Venue & Date : Class Room- Every Wednesday , 1.30 – 2.30 PM, SH2021
3. Nature of Participants :Semester – 5A & 5B Students
4. Number of Participants : 985
5. No of lectures in a semester : 08
6. Staff Coordinator : Bipin Mashilkar
7. Brief Summary of the Activity/Event
 - a. Objectives :

To acquaint with current research in most focussed area.
 - b. Technical Description :

The lecture series covers lectures conducted by various faculty members and industry experts. The duration of the lecture is 1 hr, every Wednesday. The session covers the current trends in research and development. The lecture series topic includes “Introduction to Genetic Algorithm- An Optimization Technique”, “Combustion Instabilities and it’s control”, “Six Sigma: Process Improvement Methodology “, “Introductory MATLAB for Mechanical Engineers.”, “A Fracture Mechanics based Design”, “Experimental study of Active Vibration Control of a Cantilever beam” etc. The lecture series gives students an insight to latest technological developments and helps students in finalising the final year project topics.
 - c. Outcomes
 - 1.Learner will be able to demonstrate the understanding of awareness of recent research and innovation.
 2. Learner will be able to develop the skills to finalize and work on the final year projects.
 3. Learner will be acquaint with current trends in engineering field.



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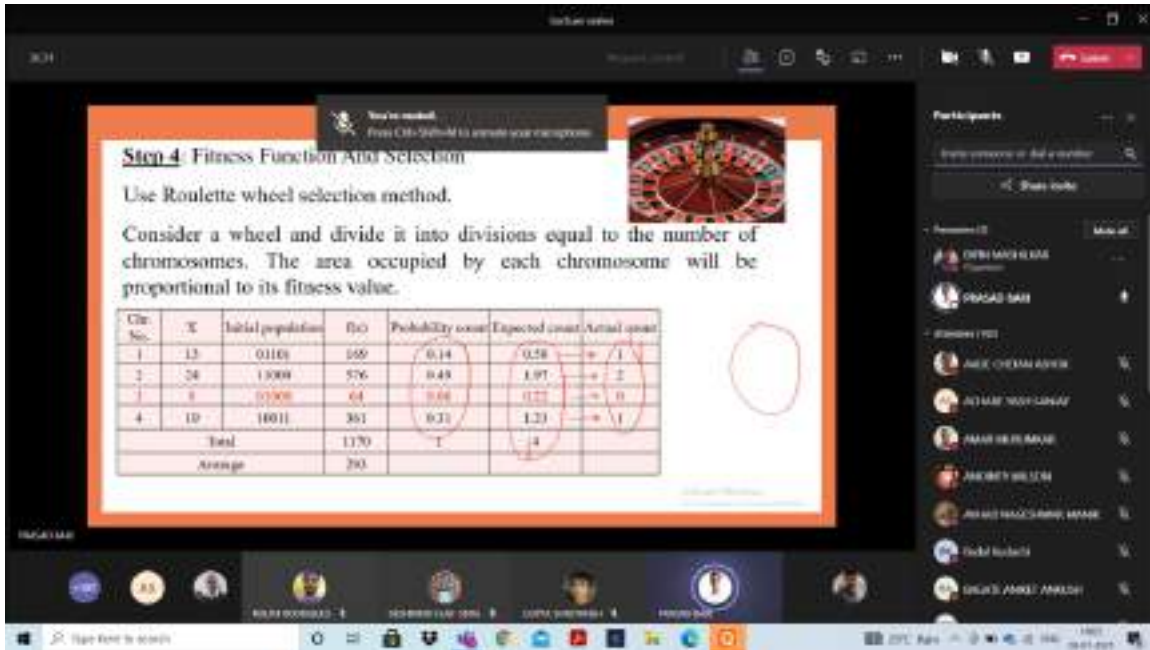
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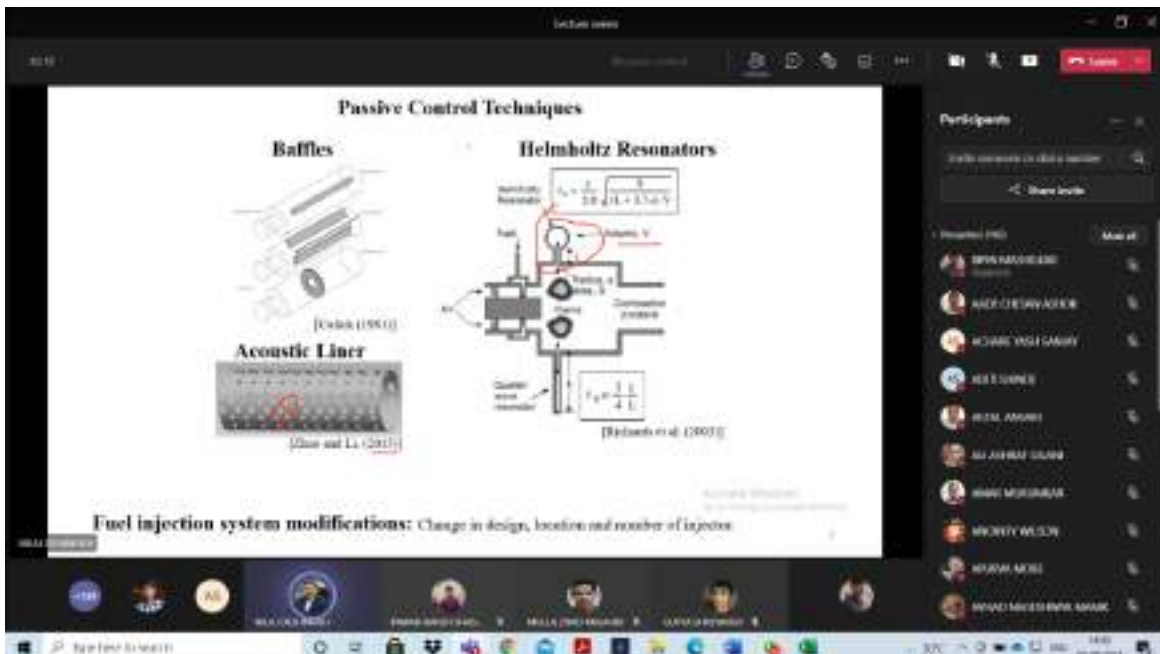
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Activity / Event Photograph:



Prof. Prasad Bari Delivering Lecture on the Topic “Introduction to Genetic Algorithm- An Optimization Technique”



Dr. Nilaj Deshmukh Delivering Lecture on the Topic “Combustion Instabilities and it’s control.”



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Ms. Neha Pandit Delivering Lecture on the Topic “Design aspects for Cryogenic Vaporizer.”

Dr. Sanjay W. Rukhande Delivering Lecture on the Topic “A Fracture Mechanics based Design.”



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Brief Activity/Event Report

1. Name of the Activity/Event : Lecture Series
2. Activity/Event Venue & Date : Class Room- Every Wednesday , 1.30 – 2.30 PM, FH2021
3. Nature of Participants :Semester – VI Students
4. Number of Participants : 67
5. No of lectures in a semester : 05
6. Staff Coordinator : Bipin Mashilkar
7. Brief Summary of the Activity/Event
 - a. Objectives :

To acquaint with current research in most focussed area.
 - b. Technical Description :

The lecture series covers lectures conducted by various faculty members and industry experts. The duration of the lecture is 1 hr, every Wednesday. The session covers the current trends in research and development. The lecture series topic includes “Application of Saw method in MCDM technique”, “Design and Development of Customized Survival Guide for Parkinson’s Disease “, Experimental study of nano-PCM triple tube TES system.”, “Latest development in solar energy”, “Micro electro mechanical system (MEMS) etc. The lecture series gives students an insight to latest technological developments and helps students in finalising the final year project topics.
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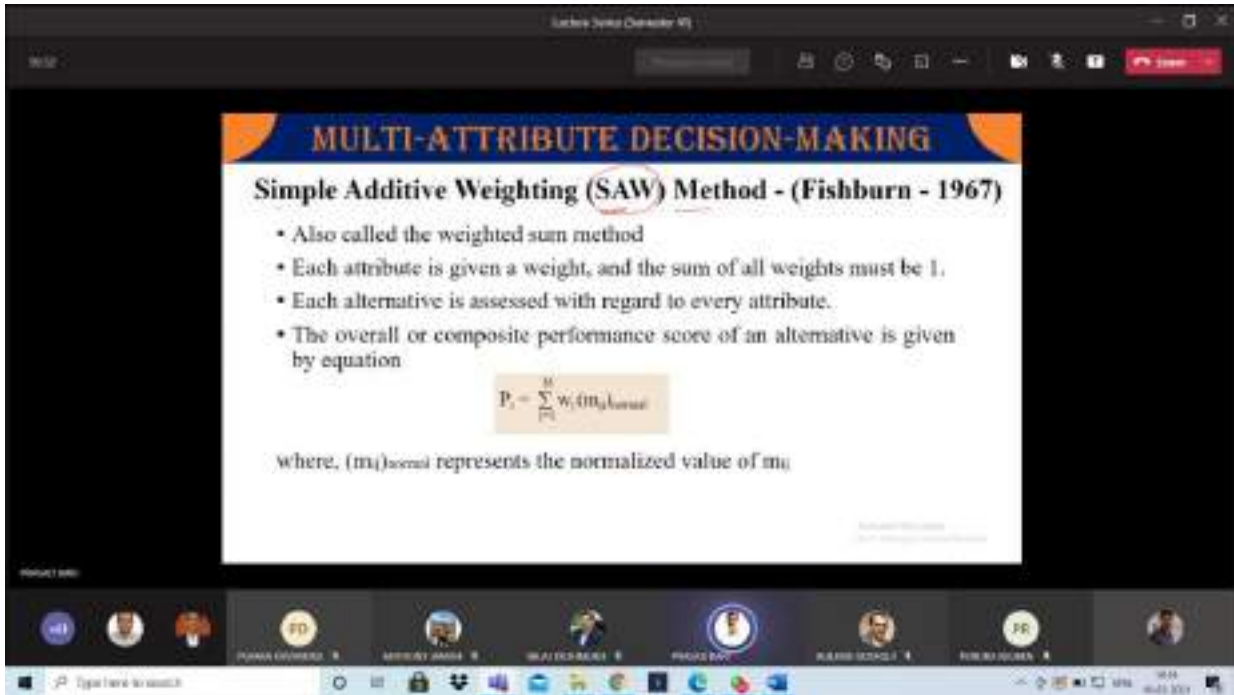
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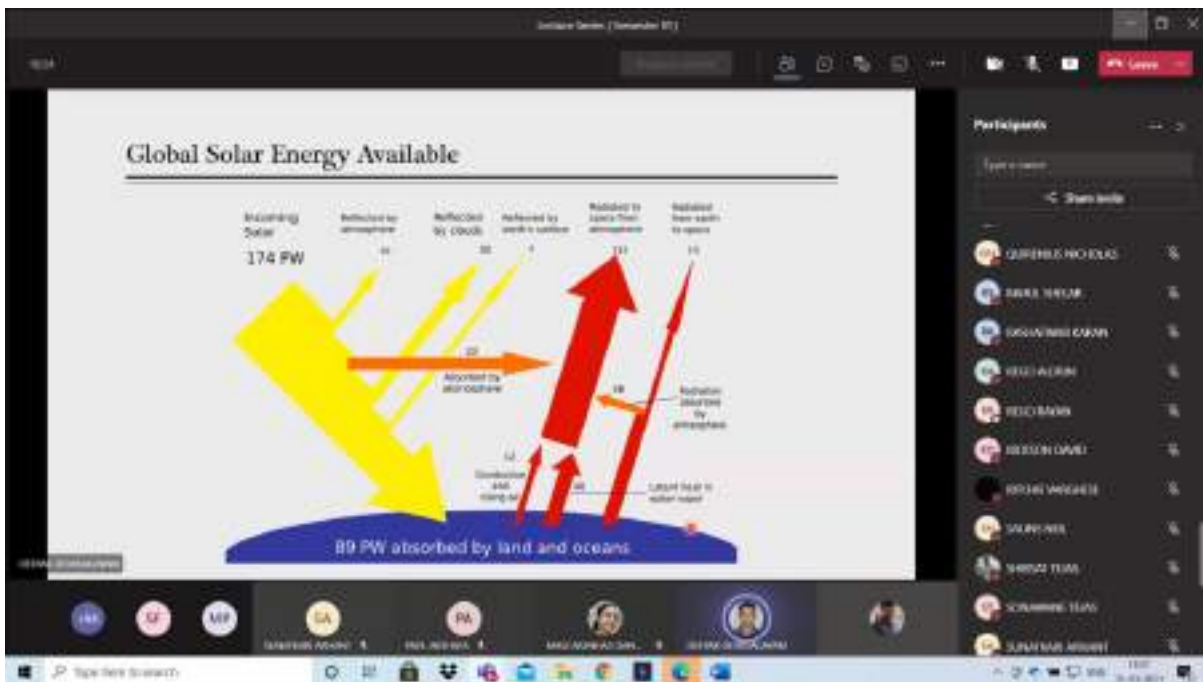
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Activity / Event Photograph:



Prof. Prasad Bari Delivering Lecture Online on the Topic “Application of Saw method in MCDM technique”



Prof. Deepak D. Delivering Lecture Online on the Topic “Latest development in solar energy.”



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Brief Activity/Event Report

1. Name of the Activity/Event : Lecture Series
2. Activity/Event Venue & Date : Class Room- Every Wednesday , 12 – 1 PM, FH2020
3. Nature of Participants :Semester – VI Students
4. Number of Participants : 74
5. No of lectures in a semester : 05
6. Staff Coordinator : Bipin Mashilkar
7. Brief Summary of the Activity/Event
 - a. Objectives :

To acquaint with current research in most focussed area.
 - b. Technical Description :

The lecture series covers lectures conducted by various faculty members and industry experts. The duration of the lecture is 1 hr, every Wednesday. The session covers the current trends in research and development. The lecture series topic includes “Report / paper writing”, “Introduction to CFD “, “CFD Analysis in Heat Transfer Enhancement”, “Design and Development of Latch Mechanism for RCCB Switch” etc. The lecture series gives students an insight to latest technological developments and helps students in finalising the final year project topics.
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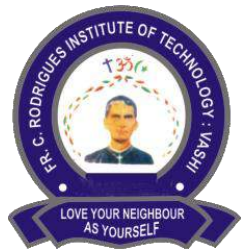
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Activity / Event Photograph:



Prof. Shoumik Kulkarni Delivering Lecture on the Topic “Design and Development of Latch Mechanism for RCCB Switch”



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Brief Activity/Event Report

1. Name of the Activity/Event : Lecture Series
2. Activity/Event Venue & Date : Class Room- Every Wednesday , 12 – 1 PM, SH2019
3. Nature of Participants :Semester – V Students
4. Number of Participants : 74
5. No of lectures in a semester : 07
6. Staff Coordinator : Bipin Mashilkar
7. Brief Summary of the Activity/Event
 - a. Objectives :

To acquaint with current research in most focussed area.
 - b. Technical Description :

The lecture series covers lectures conducted by various faculty members and industry experts. The duration of the lecture is 1 hr, every Wednesday. The session covers the current trends in research and development. The lecture series topic includes “Introduction to MCDM Techniques”, “Solar Thermal Power Generation”, “Modal analysis”, Lever Mechanisms etc. The lecture series gives students an insight to latest technological developments and helps students in finalising the final year project topics.
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Activity / Event Photograph:



Prof. Badal Kudchi Delivering lecture on the topic “Solar Thermal Power Generation”



Prof. Girish Dalvi Delivering lecture on the Topic “Modal analysis”



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3. Nature of Participants :Semester – VI Students
4. Number of Participants : 74
5. No of lectures in a semester : 08
6. Staff Coordinator : Bipin Mashilkar
7. Brief Summary of the Activity/Event
 - a. Objectives :

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 - b. Technical Description :

The lecture series covers lectures conducted by various faculty members and industry experts. The duration of the lecture is 1 hr, every Wednesday. The session covers the current trends in research and development. The lecture series topic includes “MCDM in Green Manufacturing”, “Fundamental of Robotics”, “Structural Health monitoring”, “Application of Machine learning to plan maintenance “etc. The lecture series gives students an insight to latest technological developments and helps students in finalising the final year project topics.
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Activity / Event Photograph:



Prof. Prasad Bari Delivering lecture on the topic “MCDM in Green Manufacturing”



Prof. Suvarna Rode Delivering lecture on the topic “Structural Health monitoring”