Fracture Analysis using XFEM

Event No	ME032
Organizing Department	Mechanical Engineering
Associate Dept. | NSC	Centre of Excellence
Date	05/09/2022
Event Type	Webinar
Event Level	International
Venue	-
Details Link	https://meet.google.com/nzh-qeru-tvr
Total Participants	81
Faculty - Internal	3
Students - Internal	78

Related SDG

Outcome

To study the XFM analysis using Abaqus software Lean how to write subroutine material model code To determine the effect of process parameter on fracture analysis Understand the bone mechanics principles and modelling methods

Event Summary

The Department of Mechanical Engineering in association with Centre for Machining and Material Testing (CMT) organized a webinar on 'Introduction to XFEM. The programme began with the inaugural function, where guest enlightened the participants about the concepts of fracture analysis. He explained research on bone Mechanics and fracture analysis and the major causes of failure in bones.

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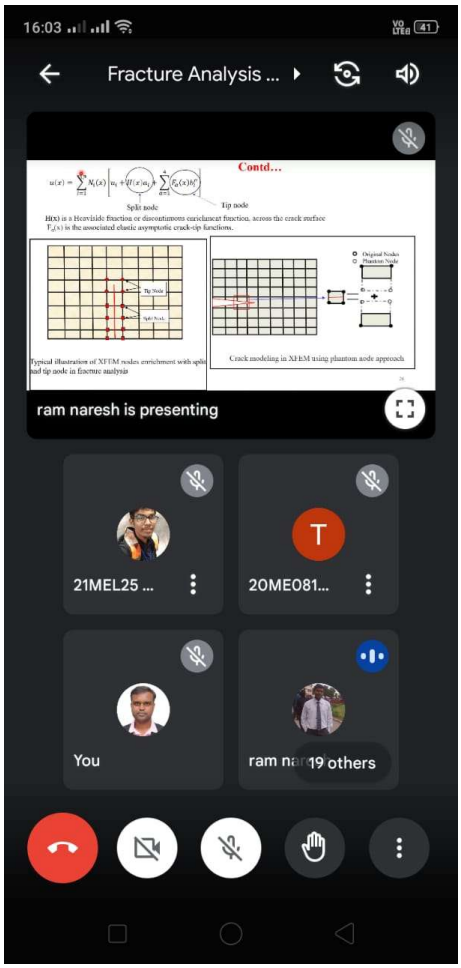

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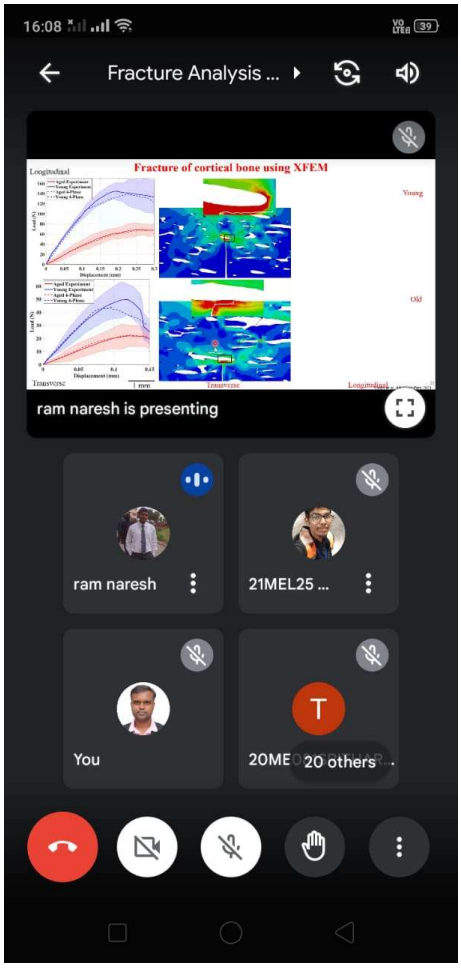

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