



IIT PALAKKAD

Indian Institute of Technology Palakkad
भारतीय प्रौद्योगिकी संस्थान पालक्काड
Nurturing Minds For a Better World

Workshop on Post-Buckling of Composite Shells

ABOUT THE WORKSHOP

Understanding the theory and developing numerical models of buckling/post-buckling phenomenon in composite shells within the finite element (FE) framework.

TOPIC HIGHLIGHTS

- Need for Post-Buckling of Composite Shells
- Numerical Techniques to Incorporate Imperfections
- Classical Approach for Buckling of Sandwich Composites
- Demonstration of Post-Buckling analysis in Abaqus®

EXPERT DETAILS

Dr.Ramesh Kumar Radhakrishna Reddiar

- Former Head, Honeycomb Product Development Division in VSSC, ISRO
- Former Professor (Adjunct faculty) in the Department of Mechanical Engineering, Govt. Engg. College, Barton Hill, Thiruvananthapuram
- Former Professor and Nodal Research Officer at SCTEC, Thiruvananthapuram

09 MARCH 2024, 09:00 AM

Organized by
Department of Mechanical Engineering,
IIT Palakkad
&
Center for Continuing Education,
IIT Palakkad



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REGISTER**



**AT SAMGATHA BUILDING, ROOM NO:315, NILA
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