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| cid:image001.png@01DB87AE.14341B20  **Shaping the Future of Composites Design, Manufacturing & Simulation**  cid:image002.png@01DB87AE.14341B20   |  |  |  | | --- | --- | --- | | **Date : 20th Mar, 2025 (Thursday)** |  | **Time : 3:00pm - 4:15pm** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Composites are revolutionizing modern manufacturing with their lightweight, high-strength properties and resistance to environmental degradation. ATIRA's (Ahmedabad Textile Industry's Research Association) Centre of Excellence in composites and EDS Technologies, are hosting an exclusive webinar to explore the transformative potential of composite materials. Discover how CATIA Composites enable seamless design and manufacturing, and gain insights into FE modelling, micromechanics, and fracture analysis using SIMULIA Abaqus to address material selection, manufacturing challenges, and performance optimization.  **Agenda:**   |  |  | | --- | --- | | 1 | Importance of Composite Materials: High strength-to-weight ratio, durability, and versatility | | 2 | Overview of the Composites Material Manufacturing Process | | 3 | Importance and Benefits of Design, Simulation, and Manufacturing of Composites Materials | | 4 | Applications of Composites Materials Across Industries | | 5 | CATIA Composites: Tackling Industry Challenges in Design, Analysis & Manufacturing | | 6 | Advanced Composite Modeling: FE analysis, micromechanics, COPVs, fracture, and crushing simulations | | 7 | Open Forum Discussion |   cid:image003.png@01DB87AE.14341B20  **Who can attend the webinar?**  R&D Heads, R&D Mangers, Simulation & CAE Analysts, Design Managers & Engineers, Material Scientists. Structural Engineers, Composite Industry Professionals, HOD’s, Professors and Research Scholars  **Interested?**  Join our webinar on **20th Mar 2025 (Thursday)** from **3:00pm - 4:15pm**   |  | | --- | | [**Register Now**](https://attendee.gotowebinar.com/register/4085123748129778014) | |  | | |

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