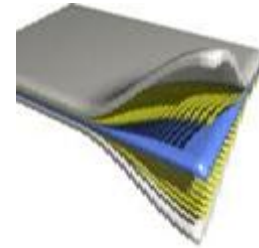


Composites-Erudite: Pathway to Composites Expertise

Composites-Erudite: An Overview

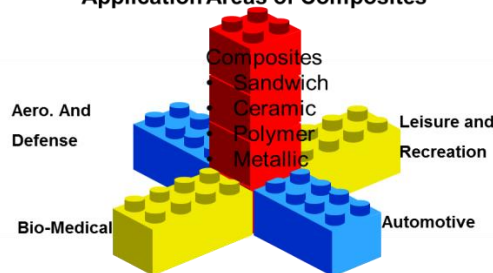
- A comprehensive training program from enti INNOVATIONS.
- Imparts practical training on the concepts and practice of composites technology.
- Facilitates students to understand the theory and application of composites across multiple technological disciplines.
- Program designed to bridge the gap between academic course content, and the industry needs by supplementing the theoretical knowledge with industry practices.
- Industry Experience through participation in real-life industry projects
- Provides expertise to position oneself as a “Composites Professional”.
- Target audience includes students at the graduate and post-graduate level in engineering colleges and technological Universities; and professionals working in the field of engineering looking for skill-upgradation.
- Objective of **Composites –Erudite is to help the participants play a role in Transforming Manufacturing.**



Advantages of Composites

- Extended Life cycle
- Improved Constructability
- Cost-effective Field Installation Cost
- Enhanced Serviceability and Sustainability
- No Corrosion in most Environments

Application Areas of Composites



Typical Deployments of Composites

- Access-walkways
- Storage Infrastructure for Hazardous Material
- Cooling Towers
- Air-Intake Manifold
- Wind Turbine Blades
- Contamination Systems
- Transmission Towers

Enabling Role of Composites

- Global market for carbon fibre reinforced plastic (CFRP) will more than double to US\$36 Billion in 2020, growing at a compound annual growth rate of 13%, according to a Lux Research report.
- To enter this domain, individuals need specialized composites skills that are beyond the scope of regular academic education.
- **Composites-Erudite**, from **enti INNOVATIONS** provides the additional technology skills to equip professionals to address real-life engineering challenges.
- **Composites-Erudite** supplements the engineering knowledge with specialized composites skills including analysis and design, manufacturing, testing, repair, lifecycle and maintenance support, and documentation skills.



Instruction Pedagogy

enti INNOVATIONS has designed the curriculum to ensure that participants derive maximum value through a process of experiential learning.

Some of the novel features include:

- Customizable courses to adhere to the curriculum schedule of the College / affiliating University, and working professionals' schedules.
- Includes significant practical training
- Instructors with over 100 person-years of experience in all areas of composites technologies.
- Unique testing methods to evaluate learning
- Encourages participants to arrive at innovative solutions to real-life technological challenges.

Composites-Erudite Certification Path

Composites-Erudite is structured as Foundation and Practitioner Modules. The Foundation Module gives an overview of the practice and application of composites technologies.

On completion of the Foundation Module, the student has to complete at least two Practitioner Modules (PM) to complete the Composites-Erudite course, and complete the certification examination.

enti INNOVATIONS Composites Community

On successful completion of the certification exam, the participant becomes a lifetime member of the enti INNOVATIONS Composites Community. Membership of the Community enables the student to keep abreast of the latest technological breakthroughs in the areas of manufacturing and composites, post queries and seek solutions to challenges by practitioners, and receive job postings.

enti INNOVATIONS -Partner of Choice for Training in Composites

- enti INNOVATIONS is promoted by industry leaders who understand manufacturing technologies and have deep inter-disciplinary domain expertise.
- enti INNOVATIONS works very closely with Legend Technologies, a Group Company recognized as Industry Leader for EXCELLENCE IN AEROSPACE INDIGENISATION.
- enti INNOVATIONS has deep academia linkages to bring forth the latest research to the industry.
- Our courses are accredited by Industry-recognized Professional Bodies including the Indian Institution of Production Engineers (IIPe), amongst others.

Courseware

