



Estd :1939

Karnatak Law Society's

GOGTE INSTITUTE OF TECHNOLOGY

Jnana Ganga , Udyambag, Belagavi - 590 008

An Autonomous Institution under VTU, Belagavi



Estd :1979



Department of Mechanical Engineering

CERTIFICATION COURSE OFFERED

Composite Materials

Prerequisites: Basics of Engineering Materials and Manufacturing Processes

OBJECTIVES:

- To understand the manufacturing processes of reinforcement fibers and matrices for composites.
- To impart theoretical and practical knowledge related to the fabrication of composite materials
- Teach participants to select appropriate composite materials for specific applications based on desired characteristics such as strength, flexibility, weight, and cost. such as strength, flexibility, weight, and price.

BENEFIT:

Hands-on Skill development on the fabrication of composite materials

Importance of Composite Materials Materials

- **Lightweight and High Strength,** • **Corrosion Resistance,** • **Design Flexibility,**

There is a wide scope of composite material in automotive, aerospace, wind energy, electrical, sports, domestic purposes, civil construction, medical chemical industries etc. Composite materials have a great potential for application in structures subjected primarily to compressive loads.

Industrial tour to **VEGA AVIATION PRODUCTS PVT. LTD.** company for understanding the fabrication of composites In Aerospace, Automotive industry and commercial applications the In Aerospace, Automotive industry, and commercial applications for seeing the composites fabrication.

Course Instructor: Prof. Mahesh. A Kori (90288 74765)

AFTER FEE PAYMENT STUDENTS SHOULD FILL THE BELOW REGISTRATION FORM:

COURSE REGISTRATION FORM

LAST DATE FOR REGISTRATION : 23 JULY 2024

THE MAXIMUM NUMBER OF PARTICIPANTS FOR A COURSE IS 30 REGISTRATION ON A FIRST COME FIRST SERVE BASIS

QR CODE FOR PAYMENT



Course duration: 30 Hrs

Course dates: August 19-24 (Tentative)

Fees for the Certification programs:

Rs. 1000 for GIT students Rs. 2000 for external participants

for Syllabus Link
[Course Syllabus](#)

Video Link
[Course Video](#)

