



Estd : 1939

Karnatak Law Society's

# GOGTE INSTITUTE OF TECHNOLOGY

Jnana Ganga , Udyambag, Belagavi -590008

An Autonomous Institution under VTU , Belagavi



Estd : 1979



## DEPARTMENT OF MECHANICAL ENGINEERING

### CERTIFICATION COURSE OFFERED

#### ADDITIVE MANUFACTURING (3D PRINTING)

**PREREQUISITES :** ELEMENTARY KNOWLEDGE OF CAD MODELLING.

**OBJECTIVES :**

TO IMPART PRACTICAL UNDERSTANDING ABOUT SCANNING COMPONENTS FOR REVERSE ENGINEERING.

TO ENABLE STUDENTS UNDERSTAND THE WORKING PRINCIPLE OF FDM-3D PRINTERS.

TO PROVIDE HANDS-ON EXPERIENCE IN PREPARING A 3D PRINTABLE FILE, SPECIFYING THE APPROPRIATE PROCESS PARAMETERS TO PRINT A PHYSICAL PART.

**BENEFITS :** AFTER GOING THROUGH THE COURSE THE STUDENTS WILL BE CAPABLE OF ROLES RELATED TO PRODUCT DEVELOPER AND PROTOTYPE ENGINEER.

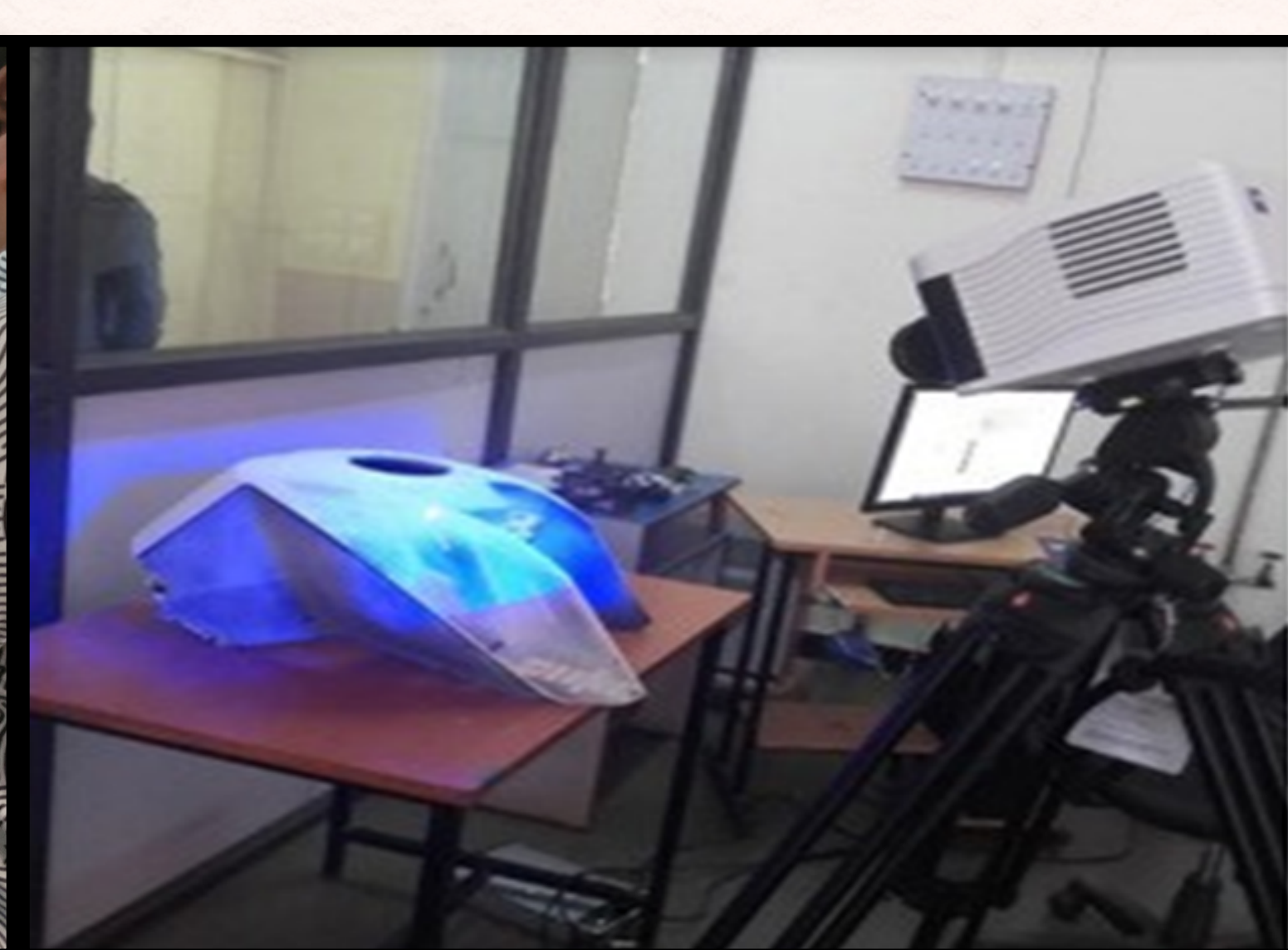
**Course designed for:** 3rd, 4th, 5th, 6th, Diploma and B.E. students and Industry Personnel.

**Key topics include:** Introduction to 3D Printing, Process parameters of FDM-3D printer, 3D scanning and Printing a prototype.

**Course USP:**

- Focus on hands-on experience with 3D printers and 3D scanner.
- Mini-projects encouraging teamwork and innovative thinking.
- Interactions with experts in this field.

**Course Instructors:** Dr. Vivek Tiwary (7760023238) and Dr. Arunkumar P. (9448160877).



**AFTER FEE PAYMENT STUDENTS SHOULD FILL THE GOOGLE FORM & SUBMIT THE DETAILS TO CONFIRM REGISTRATION- GOOGLE FORM LINK**

**LAST DATE OF REGISTRATION: 15 FEB 2024**

**MAXIMUM NUMBER OF PARTICIPANTS FOR A COURSE IS 30**

**REGISTRATION ON A FIRST COME FIRST SERVE BASIS**

QR CODE FOR PAYMENT



**Course duration : 30 Hours**

**Course dates : March 1st week (Tentative)**

**Fees for the Certification programs:**

**Rs 1000 for GIT students**

**Rs 3000 for Industry participants**

for more details visit [syllabus link](#)