



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.

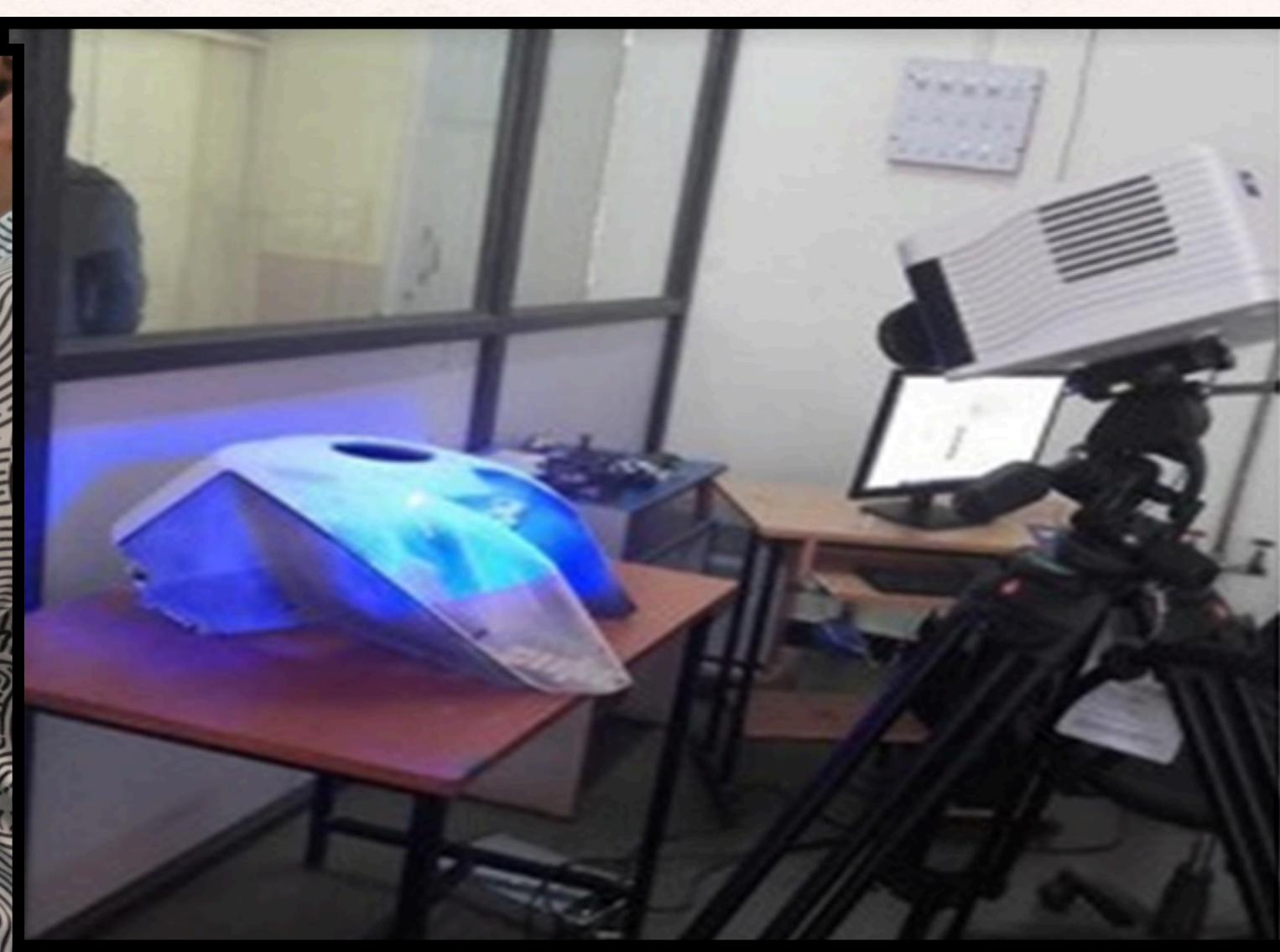
Course designed for: 3rd, 4th, 5th, 6th, Diploma and B.E. students and Industry Personnel.

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 THE REGISTRATION-
GOOGLE FORM LINK**

LAST DATE OF REGISTRATION - 28TH FEB 2025

YOUTUBE LINK OF THE LAB & FACILITIES - [HTTPS://YOUTU.BE/JLFRYITBLXQ](https://youtu.be/JLFRYITBLXQ)

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 10 to 15, 2025 (tentative)

Fees for the Certification programs:

Rs 1000 for GIT students

Rs 2000 for External students

Rs 3000 for Industry participants

**for more details visit
[syllabus link](#)**