



Estd : 1939

Karnatak Law Society's

# GOGTE INSTITUTE OF TECHNOLOGY

Jnana Ganga , Udyambag, Belagavi -590008

An Autonomous Institution under VTU , Belagavi



Estd : 1979



## CENTER OF ASTROPHYSICS

### **CERTIFICATION COURSES OFFERED**

## Astrophysics

PREREQUISITES : HIGHER SECONDARY LEVEL OF PHYSICS AND MATHEMATICS

#### **OBJECTIVES :**

- **TO LEARN ABOUT OBSERVATIONAL TECHNIQUES AND INSTRUMENTS USED IN ASTRONOMY**
- **TO UNDERSTAND THE BIRTH, EVOLUTION AND DEATH OF STARS,**
- **TO LEARN ABOUT GALAXIES AND BIRTH OF THE UNIVERSE**

**BENEFIT : HANDS ON EXPERIENCE WITH TELESCOPE SETTING AND OBSERVATION**

Course designed for 3rd, 4th, 5th, 6th, 7th semester B.E. students and amature astronomers

Course USP:

- Optics and instrumentation behind the telescopes observations
- Physics of the stellar structure and compact stars
- Introduction to cosmology

You Tube link - [https://youtu.be/V\\_cb4UbpAcl](https://youtu.be/V_cb4UbpAcl)

Course Instructor: Dr. Chetan Kotabage (9172343072)

**AFTER FEE PAYMENT STUDENTS SHOULD FILL THE GOOGLE FORM & SUBMIT THE DETAILS TO CONFIRM REGISTRATION- [HTTPS://FORMS.GLE/YRT5MNEGDBBUPVDT7](https://forms.gle/YRT5MNEGDBBUPVDT7)**

**LAST DATE OF REGISTRATION: 23 JULY, 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 Hrs

Course dates : 19 to 24 August (Tentative)

Fees for the Certification programs:

Rs 1000 for GIT students

Rs 3000 for other participants

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