

CERTIFICATE COURSE IN ASTRONOMY

Young stargazers to NASA



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கொழும்புப் பல்கலைக்கழகம்
UNIVERSITY OF COLOMBO

COURSE OUTLINE :

- **Past to the present:** History of Astronomy and the Development
- **Observational Astronomy:** Celestial sphere, Sky Charts, Coordinates
- **Stellar structure and evaluation:** Life span of stars, variable stars, Binaries, Novae and Supernovae, Galaxies, Black Holes, Neutron Stars
- **Solar System:** New perspectives of rocky worlds and gas giants, solar system phenomena
- **Understanding of the universe:** Big Bang, Structure of the universe, Cosmology
- **Astro Instrumentation:** Telescopes, CCD cameras, Spectrographs, Photometers, Astrophotography
- **Practical Sessions:**
 - Make simple astronomical instruments
 - Night sky observation sessions

ENTRY REQUIREMENTS: GRADE 10 AND ABOVE

COURSE DURATION: 3 MONTHS (SATURDAYS)

TIME: 8.30 AM - 12.30 PM

VENUE: DEPARTMENT OF PHYSICS
FACULTY OF SCIENCE,
UNIVERSITY OF COLOMBO

COURSE FEE: RS. 20,000.00

REGISTER NOW

[Click Here](#)



Panel of Lecturers

- Prof. Chandana Jayaratne, University of Colombo
- Dr. Janaka Adassuriya, University of Colombo
- Dr. Siyath Gunawardena, University of Colombo
- Dr. Rasadi Munasinghe, University of Colombo
- Mr. Indika Medagangoda, Arthur C Clarke Institute

Commencement
of the course
MAY 2025

ASTRONOMY AND SPACE SCIENCE UNIT
DEPARTMENT OF PHYSICS
UNIVERSITY OF COLOMBO

MORE INFORMATION:

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Course Coordinator
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The University of Colombo will issue a participation certificate for the candidates upon the completion