

COURSE BROCHURE

Astronomy & Astrophysics Foundations

Space Science & Engineering / Space Science & Astronomy

One-time full-course fee

INR 999

Access

6 months course access

Study plan

4-6 weeks suggested self-paced study; 6 months access

Learning format

Six self-paced written learning units in English, developed worked examples, practical exercises, 30 questions with explained answers and a final project with a self-assessment rubric. No scheduled live classes, recorded lecture series, laboratory access or personal marking is included.

Programme overview

A six-module self-paced introduction to observing coordinates, telescopes, stellar light, distance, spectral shifts and synthetic light-curve analysis. Provides foundation learning and a guided report, not a degree or professional observational qualification. Six self-paced written learning units in English, developed worked examples, practical exercises, 30 questions with explained answers and a final project with a self-assessment rubric. No scheduled live classes, recorded lecture series, laboratory access or personal marking is included. Independent ZELVU learning and preparation. Not affiliated with, endorsed by or certified by NASA, ISRO or IIRS. No engineering degree, professional licence, admission, recruitment or employment is awarded or guaranteed. Current recruitment conditions are set by each official notification. Related courses revisit some foundational physics and data concepts. Each has distinct original lessons and a different project; compare the unit lists before choosing multiple courses.

Who this is for

- 1 Senior-school learners, undergraduate entrants and adults interested in astronomy.
- 2 Basic algebra, scientific notation and familiarity with units; no telescope is required.
- 3 A parent or guardian should manage a minor learner's account and purchase.
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Published topics and learning focus

- 1 Mapping the sky and keeping an observation record
- 2 Telescopes, detectors and the limits of an image
- 3 Stellar light, temperature and spectral evidence
- 4 Brightness, luminosity and distance
- 5 Stars, galaxies and the meaning of redshift
- 6 Capstone: investigate a changing light signal

Before you choose

- 1 These are published programme highlights, not certification of complete syllabus coverage. Review the available reading index and programme trial before enrolling.
- 2 ZELVU provides learning support. It does not award the underlying degree, professional registration or an examination result.
- 3 Current checkout terms and refund policy apply. Payment and access require successful provider verification.

Take the next step

[Explore the programme trial](#)

[View current details, scope and terms](#)

Ask ZELVU about this programme

Save this brochure for reference. Details can change: confirm the current programme page and checkout before making a purchase.