

COURSE BROCHURE

Remote Sensing, GIS & Earth Observation Foundations

Space Science & Engineering / Earth Observation & Scientific Computing

<div>One-time full-course fee</div> <div>INR 1,499</div>	<div>Access</div> <div>6 months course access</div>
<div>Study plan</div> <div>4-6 weeks suggested self-paced study; 6 months access</div>	<div>Learning format</div> <div>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.</div>

Programme overview

Six self-paced written units covering sensor reasoning, resolution, coordinates, NDVI, validation and a reproducible change-study project. Paper and optional spreadsheet exercises; no hands-on GIS software certification or operational surveying 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, geography, science and engineering learners beginning Earth observation.
- 2 Basic arithmetic, percentages and introductory algebra; no paid software or prior GIS account 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 How Earth observation becomes evidence
- 2 Resolution, pixels and mapping scale
- 3 Raster, vector and coordinate reasoning
- 4 Spectral indices and quality screening
- 5 Classification, validation and honest accuracy
- 6 Earth-observation change study and final project

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.