



**MAHATMA GANDHI UNIVERSITY
SCHOOL OF ENVIRONMENTAL SCIENCES
DR. R. SATHEESH CENTRE FOR
REMOTE SENSING AND GIS**

(Estd. & Supported under the National Natural Resources
Management System – NNRMS-SCT – programme of Govt. of India
led by ISRO, Dept. of Space)

www.sesmggu.com

One-Month Online Certificate Programme on **Satellite Remote Sensing and Scientific Computing**



Programme Highlights

30 Live Online Interactive Sessions (1 Hour Each)
Practical Exposure to Remote Sensing Data
Lifetime Access to Class Recordings & Resources
Certification upon Successful Completion
Free Tools, Templates & Real Datasets
Project-Based Learning using 30-Year Satellite Data

What will you learn

MATLAB Basics: Programming, Scripting, and Data Handling
Satellite Image Acquisition, Preprocessing & Analysis
Working with netCDF4, HDF, ASCII, CSV & Shapefiles
Plotting: 2D, 3D, Bar, Pie, and Histogram
GIS Techniques, Time-Series Analysis
Mini Projects using Climate and Environmental Data

Who Can Attend

- PG Students
- Teachers and Scientists
- Research Scholars (Ph.D./PG)
- GIS & Remote Sensing Professionals
- Environmental and Earth Science Enthusiasts

Resource Person

Ms. Gayathri Balachandran
(Remote Sensing & Programming Expert)
IIT&II Sc Research Collaborator | 5+ Years Experience

How to Apply

Fill up the Application form after remitting fee
online by visiting following link

<https://ses.mgu.ac.in/>

Registration Deadline

01.08.2025