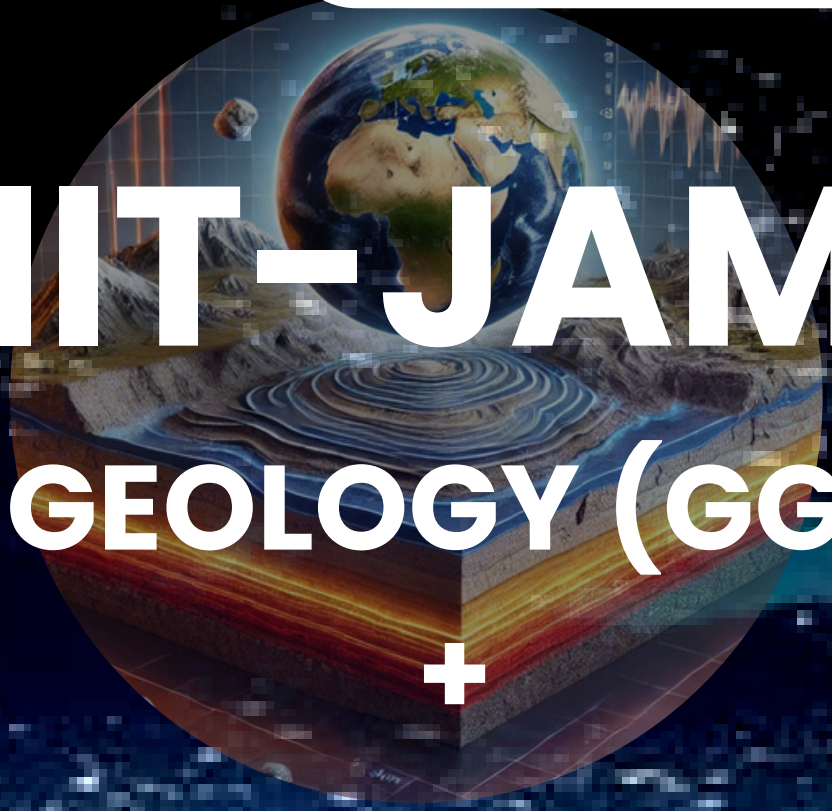
Olewin Academy



IIT-JAM

GEOLOGY (GG)

+

INTERNSHIPS

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IIT-JAM
GEOLOGY & GEOPHYSICS

IIT -JAM

Limited Intake Only

2026 & 2027

Along with Internships 6 Months

- **AI-Driven Applications in Geosciences**
- **Applied AI Based Applications in Geosciences, Renewable Energy &Geo-Exploration**

- Gain hands-on experience with AI tools for geology,GeoPhysics & GIS & Remote sensing interpretation, and data modelings.
- Learn how artificial intelligence enhances exploration of geo spatial data and resources through advance Algorithims

Note:- All programs are real-time, industry-focused, and built around solving GeoSciences and energy sector challenges using AI-enhanced solutions.

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www.olewinacademy.com

info@olewinacademy.com

Olewin Academy

TARGET TOP IITS, IISC & LEADING GEOSCIENCE INSTITUTES | BECOME A GEOSCIENCE EXPERT WITH AI INTEGRATION

Why Choose This Program?

- **OUR IIT-JAM GEOLOGY (GG) COACHING PROGRAM IS SPECIFICALLY DESIGNED FOR STUDENTS AIMING TO CRACK THE IIT-JAM GEOLOGY EXAM. THIS COURSE PROVIDES COMPREHENSIVE PREPARATION FOR M.SC. GEOLOGY, M.SC.-PH.D. DUAL DEGREE, INTEGRATED PH.D. PROGRAMS AT IITS, IISC, NITS, IISERS, AND OTHER TOP RESEARCH INSTITUTES ACROSS INDIA.**
- **OUR PROGRAM INTEGRATES ADVANCED GEOSCIENCE KNOWLEDGE WITH AI APPLICATIONS IN GEOLOGY, OFFERING STUDENTS A CHANCE TO MASTER DATA-DRIVEN GEOSCIENCE SOLUTIONS WHILE PREPARING FOR TOP ACADEMIC PROGRAMS.**

Program Features

- **100% SYLLABUS COVERAGE WITH LEVEL - 3 MATHEMATICAL CONCEPTS**
- **PRACTICE PROBLEMS & CASE STUDIES**
- **WEEKLY TESTS + FULL-LENGTH MOCK EXAMS (ALIGNED TO IIT-JAM PATTERN)**
- **AI-DRIVEN GEOSCIENCE TOOLS FOR GEOSPATIAL DATA ANALYSIS**
- **LIVE CLASSES + DOUBT-CLEARING SESSIONS**
- **PREVIOUS YEAR QUESTION (PYQ) SOLVED MATERIAL**
- **1-ON-1 MENTORSHIP & EXAM STRATEGY SESSIONS**
- **ACCESS ON WEB, ANDROID & IOS DEVICES**

Phase	Duration	Focus
Phase 1	May–Aug	Fundamentals of Geology, Geochemistry, and Paleontology
Phase 2	Sep–Nov	Structural Geology, Petrology, Mineralogy
Phase 3	Dec –Jan	Geophysical Techniques, Hydrogeology, Environmental Geology, Mathematical concepts
Phase 4	Feb	Full-Length Mock Tests + Revision Course

https://olewinacademy.com/jam-geology/

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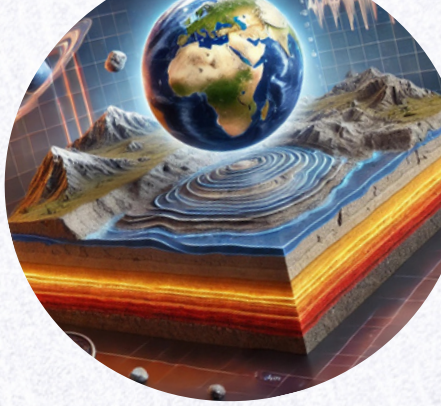

INTERNSHIPS

Mineral Exploration: Machine Learning for Resource Prediction

Objective: Use AI models to predict the distribution of mineral resources and optimize mining operations by analyzing geological data.

Skills: Machine Learning, Geospatial Data Analysis, Python, Mineralogy, Resource Modeling.

AI-Driven Seismic Data Analysis: Predicting Earthquakes and Structural Stability

Objective: Apply deep learning techniques to seismic data for real-time earthquake prediction and to assess structural stability in seismically active regions.

Skills: Seismology, Deep Learning, TensorFlow, Earthquake Prediction, Seismic Data Processing.

Geospatial AI Models for Environmental Risk Assessment

Objective: Develop AI models to assess and predict geological risks such as landslides, floods, and earthquakes, and their environmental impact.

Skills: Geospatial Modeling, Machine Learning, Remote Sensing, GIS Software, Environmental Geology.

- Geospatial AI Models for Environmental Risk Assessment
- AI-Powered Remote Sensing for Geological Mapping & Resource Identification
- Hydrogeology: Modeling Groundwater Flow Using Data-Driven Techniques

CONTACT US:-

BOOK YOUR SLOT TODAY

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VISIT FOR MORE INFO :-

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WHAT SHOULD YOU EXPECT FROM THIS PROGRAM....?

- Recognized Certification
- Real-World Application Development
- Job-Ready Technical Training
- Placement & Job/Career Support
- Master in-demand skills tailored to meet the needs of MNCs and private sector companies, making you job-ready from day one.

2 -Certifications based on Real-world Projects & Internships (Paid & UnPaid)

COMPANY/ACADEMY LOGO

LETTER OF INTERNSHIP

Letter to: student Name

Date: XX/XX/XXXX

To Whom It May Concern:

This letter is to formally acknowledge that **Student Name** has successfully completed a six-month (or nine-month) internship program under the guidance of Olewin Academy, in collaboration with leading companies in the geoscience and energy sectors.

Throughout the internship, HE/She demonstrated a strong commitment to professional growth by working on real-world projects involving AI-driven geosciences, spatial data analysis, energy innovation, and environmental intelligence. The training covered advanced modules in data analytics, remote sensing, geological mapping, and application development using cutting-edge technologies. The hands-on experience was designed to simulate industry-grade challenges and align with the current demands of multinational companies and research institutions.

He/She exhibited remarkable analytical thinking, adaptability, and technical expertise during the program, and actively participated in collaborative assignments, reviews, and project submissions. This internship has provided them with a strong foundation in domain-specific problem solving and technical implementation relevant to the fields of Geology, Geophysics, AI in Geosciences, and Renewable Energy.

We congratulate He/She on the successful completion of this internship and wish them the very best in their future endeavors.

Best Regards,

Signature

Authorised Digital Signature

Logo of Company

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- Official Internship Endorsement
- Project-Based Experience
- Industry-Aligned Exposure
- Skill Application Proof
- Career Advancement Credential
- Real world Projects development with AI -Driven and deploy it as a Service model

Why Settle for Theory When You Can Build the Future?

Enroll now and work on real-world industry projects from day one. Gain hands-on experience, earn a guaranteed internship, and build a job-ready portfolio that top companies are actively looking for.

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COMPANY PROFILE

Olewin Academy

AN IIT ALUMNUS PLATFORM

Empowering learners globally with quality education and training content for new approach to learning paradigms

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