



# PLACEMENT Brochure

Department  
of  
Earth Sciences

**UNIVERSITY OF KASHMIR**  
**Hazratbal, Srinagar**

NAAC ACCREDITED A<sup>+</sup>



## Message

We are delighted to invite you to explore our department whether you're considering applying to our postgraduate programs, interested in our cutting-edge research and consultancy services, or simply curious to learn more about who we are and what we do. Established in 2000 as the Department of Geology and Geophysics, our department was re-envisioned as the Department of Earth Sciences to reflect the broadening scope of our academic and research endeavors. We welcomed our first cohort of M.Sc. Applied Geology students in 2001. Building on this foundation, we launched a Postgraduate Diploma in Remote Sensing and GIS in 2004 under the DST-FIST program, followed by an M.Sc. in Geoinformatics in 2010, which matured into an independent department in 2019. Today, the Department of Earth Sciences offers a rigorous and interdisciplinary M.Sc. program in Applied Geology. Our curriculum places strong emphasis on fieldwork, hands-on laboratory experiments, and real-world engagement fostering dynamic interactions among faculty, students, industry partners, and the wider community. Students benefit from experiential learning through extensive field courses and excursions across the Himalayas and various parts of India. Our research spans diverse and interconnected domains, including solid earth processes, surface dynamics, hydrology, the cryosphere, and atmospheric sciences. Much of our research is aligned with societal needs and industrial applications. We take pride in our active collaborations with leading institutions at the local, national, and international levels. Graduates of our programs are highly sought after and have established successful careers in academia, research, government agencies, and the private sector. We remain deeply committed to excellence in education, research, and service to society. We look forward to welcoming you to our department.

Prof. Ghjeelani  
Department of Earth Sciences  
University of Kashmir, Srinagar

# core faculty



Prof. Gh. Jeelani (Head of Department)  
M.Sc. / Ph.D. Aligarh Muslim University  
(Hydrogeology & Stable Isotope Geochemistry)  
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Prof. Shakil A. Romshoo  
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(Microwave Remote Sensing)  
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M.Sc. / M.Phil. / Ph.D. University of Jammu  
(Seismology and Regional Tectonics)  
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Dr. Rakesh Chandra (Sr. Asst. Professor)  
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Dr. Reyaz Ahmad Dar (Sr. Asst. Professor)  
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Dr. Akhtar Rasool Mir (Asst. Professor)  
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(Igneous Petrology & Geochemistry)  
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Dr. Malik Zubair (Asst. Professor)  
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Dr. Suhail A. Lone (Asst. Professor)  
Ph. D University of Kashmir, Srinagar  
(Hydrogeology and Isotope Hydrology)  
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Dr. Sarah Qazi (Asst. Professor)  
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(Groundwater Hydrology)  
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## ✓ Vision

To advance the exploration and sustainable utilization of geo-resources for the welfare of society. We aim to deliver exceptional education by continuously updating and expanding our academic, research, and outreach initiatives, nurturing skilled and competent geoscientists who can effectively address the evolving needs of society.

## ✓ Mission

To equip students with the knowledge and skills required for successful careers in industry, government, and academia.

To foster interdisciplinary awareness of Earth Sciences among liberal arts, education, and other science disciplines.

To enhance public understanding and appreciation of Earth Sciences through active outreach and community engagement programs.

# Why recruit us?



graduates from the Department acquire a strong skill set in diverse areas such as geological and engineering project management, disaster risk assessment and mitigation, exploration and sustainable extraction of geo-resources, environmental impact analysis, and geotechnical investigations. They also develop proficiency in using advanced geospatial technologies, remote sensing, and GIS applications. Our students consistently demonstrate the ability to apply theoretical knowledge to practical challenges, contributing to innovative solutions in earth sciences.

## Career Scope

Our graduates find promising opportunities across multiple sectors, including:

- Education and academic research at school, university, and specialized research institutes.
- National and international industries related to coal, natural gas, petroleum, and mineral resource extraction.
- Renewable energy sectors such as hydropower and geothermal energy development.
- Infrastructure development including the planning and construction of roads, railways, tunnels, and urban development projects.
- Environmental consulting and disaster management agencies focusing on risk assessment and mitigation strategies.
- Government and regulatory bodies overseeing natural resource management and environmental protection.



## Master and Ph.D. in Applied Geology

### Major Ph.D. Specialisation:

- ✓ Hydrogeology and Isotope Hydrology
- ✓ Remote sensing
- ✓ Seismology
- ✓ Geochemistry
- ✓ Quaternary Geology
- ✓ Petrology
- ✓ Sedimentology
- ✓ Groundwater Hydrology



# Life at Earth Sciences



Life at the Department of Earth Sciences is an enriching journey that blends academic excellence with immersive field experiences, offering students a unique and holistic educational environment. The department's commitment to hands-on learning is exemplified through regular geological field tours to diverse terrains across India. From the arid basins and mineral-rich zones of central India to the tectonically active regions of the Himalayas, students gain first-hand exposure to a wide spectrum of geological features and processes.

A defining aspect of student life is the fieldwork conducted in the high-altitude glacial regions of Kashmir and Ladakh. These expeditions not only deepen understanding of glacial geomorphology, climate impact, and hydrological systems, but also foster a spirit of inquiry, resilience, and collaboration among students. Working in challenging environments, students develop critical observational, analytical, and mapping skills that are fundamental to a geoscientist's training.

The department promotes a vibrant academic culture, where classroom learning is seamlessly integrated with practical field applications, research activities, and interdisciplinary engagement. Through seminars, workshops, and interaction with industry and research experts, students stay connected with evolving trends and challenges in Earth Sciences. Life in the department goes beyond lectures and labs—it's a transformative experience that encourages exploration, nurtures scientific curiosity, and cultivates the professional and personal growth necessary to thrive in the geoscience community. In essence, the Department of Earth Sciences offers a dynamic and inspiring environment where students not only build strong academic foundations but also develop a deep appreciation for the Earth's complexity through real-world learning.

# Placement Statistics



The placement outcomes at the Department of Earth Sciences reflect a strong trajectory of academic and professional achievement. Graduating students demonstrated exceptional competence, securing positions across a broad spectrum of esteemed research institutions, academic organizations, and private sector enterprises.

Notable placements include opportunities in premier national research institutes, universities, environmental consultancies, hydrocarbon exploration companies, and geotechnical firms, underscoring the diverse skill set and adaptability of our graduates. This success highlights the department's commitment to nurturing geoscientists who are not only academically proficient but also equipped to meet the evolving demands of industry, research, and education sectors.

The collective efforts of students, faculty, and the department's placement cell have played a pivotal role in this success. Through rigorous training, field-based learning, and continuous academic support, the department ensures that its graduates are well-prepared to contribute meaningfully in their respective professional arenas.





# Placements



Department has career counselling cell which along with CCPC University of Kashmir Counsels and helps the students for placements in various organizations and institutes.

## Placements from last 6 years

S.No	Name of the Alumni	Year of Recruitment	Batch	Post holding	Organisation
1.	Suhail A. Lone	2025	2012	Assistant Professor	University of Kashmir
2.	Sarah Qazi	2025	2005	Assistant Professor	University of Kashmir
3.	Kaiser A. Lone	2025	2018	Assistant Geologist	Geology and Mining, J&K
4.	G N Pintoo	2025	2017	Assistant Geologist	Geology and Mining, J&K
5.	Irfan Maqbool Bhat	2024	2010	Assistant Professor	Islamic University of Science Technology, Awantipora, JK, India
6.	Umer Mustafa	2024	2017	Assistant Hydrologist	Central Groundwater Board, India
7.	Suhail Ahmad Bhat	2024	2015	Sub Inspector	J&K Police Department, JK, India
8.	Ishfaq Ahmad Pall	2023	2013	Assistant Professor	Higher Education Department, JK, India
9.	Asrar Sultan	2023	2016	Assistant Professor	Higher Education Department, JK, India
10.	Mudabir Lone	2023	2017	Assistant Professor	Higher Education Department, JK, India
11.	Mutabir Hussain Lone	2023	2017	Assistant Professor	Higher Education Department, JK, India
12.	Fayaz Ahmad Bhat	2023	2017	Finance Accounts Assistant	J&K, Finance Department
13.	Maqbool Yousuf	2023	2009	Geologist	Altinok Engineering Consultants

# Placements Continue



14.	Feroz Ahmad	2023	2018	Constable	Police Department, Ladakh
15.	Umair Ali	2022	2014	Assistant Professor	Higher Education Department, JK, India
16.	Gh Rasool Bhat	2022	2014	Assistant Professor	Pondicherry University, Pondicherry, India
17.	Syed Haris	2022	2017	Geologist	Ithfaq Cements, JK
18.	Mohd Irfan Mir	2022	2017	Geologist	CEMETAC Cements, JK
19.	Aasif Mohammad Lone	2022	2013	Assistant Professor	Manipal Institute of Technology, Karnataka
20.	Rayees Ahmad Rather	2021	2015	Sub Inspector	JSK Police Department, JK, India
21.	Sheikh Hussain	2021	2014	Panchayat Accounts Assistant	JSK, Rural Development Department
22.	Shamim Ahmad Dar	2020	2007	Assistant Professor	Department of Geology, Banaras Hindu University, Varanasi, UP, India
23.	Mohd Imran Khan	2020	2016	Junior Assistant	Revenue Department JSK, India
24.	Rouf Ahmad Shah	2020	2013	Scientist B	Wadia Institute of Himalayan Geology, Dehra Dun, Uttarakhand, India
25.	Zahid Rasheed Lone	2019	2018	Junior Assistant	Revenue Department JSK, India
26.	Tawseef Ahmad Magrey	2019	2014	Sub Inspector	JSK Police Department, JK, India
27.	Tariq Ahmad Magrey	2019	2014	Junior Assistant	JSK, Board of School Education
28.	Abid Shafi	2019	2014	Geologist	Jammu & Kashmir State Power Development Corporation



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