

About the University

The University of Kashmir is situated at Hazratbal in Srinagar. It is flanked by the world famous Dal Lake on its eastern side and Nigeen Lake on the western side. The Main Campus of the University spread over 247 acres of land is divided into three parts – Hazratbal Campus, Naseem Bagh Campus and Mirza Bagh Campus (serving residential purpose). Over the Years University of Kashmir has expanded substantially. It has established Satellite Campuses at Anantnag (South Campus), Baramulla (North Campus) and Kupwara (Kupwara Campus). The University has also established a Sub-Office at Jammu to cater to the needs of the candidates enrolled with the University from outside Kashmir.

The University is committed to provide an intellectually stimulating environment for productive learning to enhance the educational, economic, scientific, business and cultural environment of the region. The University offers programmes in all the major faculties; Arts, Business & Management Studies, Education, Law, Applied Sciences & Technology, Biological Sciences, Physical & Material Sciences, Social Sciences, Medicine, Dentistry, Engineering, Oriental Learning and Music & Fine Arts. It has been constantly introducing innovative/ new programmes to cater to the needs and demands of the students and the society.

About the Department of Earth Sciences

Welcome to the Department of Earth Sciences at the University of Kashmir, Srinagar. We invite you to explore our website and the department, whether you are considering to apply to our post graduate program, interested in our research or consultancy, or would just like to know more about us. In 2000, the Department of Earth Sciences (formerly known as Department of Geology and Geophysics) was created and in 2001 we got the first batch of students for M.Sc. Applied Geology program. In 2004 the department has started PG Diploma in Remote Sensing and GIS under the FIST program of Department of Science and Technology, Government of India. In 2010 the Department has started M.Sc. in Geoinformatics which has evolved as a separate Department from 2019. The Department of Earth Sciences offers outstanding disciplinary and interdisciplinary education, running Post Graduate course in Applied Geology. We give more emphasis on field work and laboratory/ field experiments with vibrant interactions between faculty, students, industry and society. We expand experiential learning opportunities for our students through field courses and field trips in different parts of the Country and the Himalaya. We have many broad and overlapping areas of research focus including the solid earth, surface processes, hydrology, cryosphere, atmosphere, etc. Most of the research carried out at the Department of Earth Sciences has tremendous societal and industrial applications.

About the Department of Students Welfare

Department of Students Welfare (DSW) is committed to the holistic welfare and development of the student community at the University. It addresses academic and social concerns through active student engagement, support services, scholarships and interactive platforms. The DSW also serves as a hub for resolving student queries and facilitating both academic and co-curricular activities. The office also arranges the educational tours for the students to visit various centres of excellence outside the valley. The students have great learning experience by interacting with the students and the faculty members of other institutions.

About the Event

Earth Day 2025 emphasizes the global shift toward renewable energy to combat climate change and promote sustainability. With solar, wind, hydro, and bioenergy now contributing around 30% of global electricity (IEA, 2023), advancements in technology, cost reduction, and supportive policies are accelerating this transition. Innovations such as high-efficiency perovskite-silicon solar cells, floating solar farms, offshore wind turbines, and smart grid integration are making clean energy more accessible and reliable. Energy storage technologies, including lithium-ion and flow batteries, and green hydrogen are addressing intermittency and powering industry and transport. Countries like India, the USA, and Germany are setting ambitious net-zero goals, supported by incentives like feed-in tariffs and tax credits. Decentralized solar projects are empowering local communities and expanding energy access. Educational initiatives play a key role. Earth Day events, student debates, hands-on workshops, model exhibitions, and research competitions encourage awareness and innovation. Community drives, like tree planting and eco-rallies, connect clean energy with environmental restoration.

“Together, through education, innovation and collective action, we can harness OUR POWER to protect OUR PLANET for future generations”.

Event Programme

DAY 1: Tuesday, 22 April 2025

11:30–13:00 Session 1: Plantation Activity

14:00–17:00 Session 2: Painting Competition

DAY 2: Wednesday, 23 April 2025

09:00–11:00 Human Chain/Rally with Slogans and Placards

11:30–13:00 Debate Competition

14:00–15:00 Debate Competition continue

15:00–16: 30 Cultural Programme

16:30–17: 00 Prize Distribution and concluding remarks

Venue and date

EMMRC, University of Kashmir

22nd and 23rd April 2025



Patron

Prof. Nilofar Khan

Vice Chancellor, University of Kashmir

Organizing Secretary

Prof. Gh Jeelani

Dean, School of Earth and Environmental Sciences

Co-Organizing Secretary

Prof. Pervez Ahmed

Dean Students Welfare

Organizing Committee

✓ Prof. M. Sultan Bhat

✓ Prof. Bikram Singh Bali

✓ Prof. Mohd Farooq Mir

✓ Dr. Sami ullah Bhat

✓ Dr. Arshid Jehangir

✓ Dr. Akhtar Alam

✓ Dr. Shahid Ali Khan

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✓ Mr. Ilyas Hussain

✓ Mr. Wasit Manhas

✓ Mr. Waris A. Ganaie

✓ Mr. Nadeem Habib

Earth Day-2025



Save Energy -Save Earth/Renewable Energy
/Good LiFE/Har Ghar Saurya Urja



Organised by:

Department of Earth Sciences

in collaboration

With

Department of Students Welfare

University of Kashmir, Srinagar

Sponsored by



Ministry of Earth Sciences
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University of Kashmir
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