

REGISTRATION FORM

8th National Geo-Research Scholars Meet (November 22-25, 2024)

Wadia Institute of Himalayan
Geology, Dehradun

1. Applicant Name:
2. Father's Name:
3. Date of birth (dd/mm/yyyy):
4. Gender:
5. Corresponding address:
6. E-mail id and contact no:
7. Name of Theme:
8. Academic qualifications:
M.Sc. / M.Tech. / Ph.D. / P.D.F.
9. Research experience (yy, mm):
10. Research publication:
11. Host Institution / University:
12. Supervisor / HOD:
a. Name:
b. E-Mail ID:
c. Contact No:
13. A brief outline of present research activity with its future prospects (max. 200 words):
(Attach a separate word file)
14. A brief note on "How will you be benefitted by this meet": (Mention in the attach word file)
15. Accommodation requirement (Yes/No):
16. Have you attended the earlier National Geo-Research Scholar Meet (NGRSM):

Date:

Place: Signature of the applicant

Signature of Head of Department/ Institution (with office seal)

Advisory committee

Prof. Abhay Karandikar, Secretary, DST, GoI
Prof. Talat Ahmad, Chairman, G.B., WIHG
Prof. Shailesh Naik, Chairman R.A.C, WIHG
Prof. M.G. Thakkar, Director, WIHG
Prof. Pragati Kumar, Vice- Chancellor, SMVDU

Organizing committee

Dr. Sunil Kumar Wanchoo, Dean, FoS, SMVDU
Mr. Pankaj Kumar Verma, Registrar, WIHG
Mr. Ajay Kumar Sharma (JKAS), Registrar, SMVDU
Mr. Neeraj Gupta, Finance Officer, SMVDU

Conference Director

Prof. R.J.G. Perumal, Senior Scientist, WIHG

Convenors

Dr. Sameer K. Tiwari, Scientist WIHG
Dr. Pankaj Chauhan, Scientist, WIHG
Dr. V. K. Dogra, Head, SoCE, SMVDU
Ar. Abhiney Gupta, Head, SoALD
Dr. Kamni, Head, SoP, SMVDU

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All faculty members of School of Civil Engineering & Physics, SMVDU



8th NATIONAL GEO-RESEARCH SCHOLARS MEET (NOVEMBER 22-25, 2024)

8^{वां} राष्ट्रीय भू-अनुसंधान छात्र सम्मेलन
22-25 नवम्बर, 2024



Organized by:

Wadia Institute of Himalayan Geology
Department of Science and Technology, Govt.
of India 33-GMS, Road Dehradun-248001,
Uttarakhand
and
Shri Mata Vaishno Devi University
(SMVDU) Campus,
Sub-Post Office, Katra,
Jammu and Kashmir – 182320



AIM & SCOPE of 8th NGRSM

Modern geoscientific research involves diverse fields of classical geoscience and their applications for society. Updated knowledge is based mainly on the data from the field, state-of-the-art instrumentation, and evolving models. The young minds consistently contribute to the growth history of this geoscientific research.

The National Geo-Research Scholar Meet (NGRSM) started in 2016 as a regular event of the Wadia Institute of Himalayan Geology to encourage young researchers and students to improve their research interests, providing them a platform to share their research work, receiving feedback from the peers and refining their ideas. The event also allows them to interact with eminent geoscientists and understand the latest trends in Geoscientific research.

After the prodigious success of the previous editions of this annual national conference series on Earth Sciences, WIHG invites you again to its prestigious 8th Edition from 22 to 25th November 2024, at Shri Mata Vaishno Devi University (SMVDU) Campus, Katra, Jammu and Kashmir – 182320. This time, the meeting will focus on Jammu Himalaya, which will have two days of field transects across the Jammu Sub-Himalaya.

The Jammu Himalaya in the Jammu, Reasi, and Katra regions provides an ideal opportunity to investigate and understand various geological, geodynamic process, tectonic control, and natural resources and hazards. The region is situated at the forefront of the collision zone between the Indian Plate and the Eurasian Plate, making it highly significant in understanding tectonic controls and related phenomena. The Jammu Sub-Himalaya is characterized by Surin Mastgarh Anticline (SMA), which lies in the seismic gap region of the 2005 Kashmir and 1905 Kangra earthquakes. The anticline is about 250 km long, and some parts of its western extremity are in Pakistan. The SMA marks the frontal boundary of the NW in the Jammu Kashmir Himalaya. The anticline is characterized by non-emergent (Himalayan Frontal Thrust) HFT to its front.

The Jammu Sub-Himalaya broadly consists of two tectono-stratigraphic regions, the inner Sub-Himalaya in the north and the outer Sub-Himalaya in the south. The Inner Sub-Himalaya is the deformation belt between the Main Boundary Thrust (MBT) and the Medlicott Wadia Thrust (MWT), which consists of the faulted and folded Sirban Limestones, the Subathu, the Murree, and units of the Lower Siwalik. The outer Sub-Himalaya comprises the Siwalik folded units lying south of the MWT.

BROAD THEME: Geosciences in Jammu Himalaya

- Fold and Thrust belts
- Geological Processes and Climatic Change
- Active Tectonics
- Natural Hazard and Mitigation

SCIENTIFIC SESSION

- **Lectures on Jammu Himalaya focus on geology and geophysical advancement by Eminent researchers.**
- **Oral presentations by students/researchers on various sub-disciplines of Earth Sciences related to their ongoing research work.**
- **For two days, field transects across the Jammu Sub-Himalaya.**

CALL for ABSTRACT

The Organizing Committee invites young researchers, to participate and submit abstracts in the 8th NRGSM.

Abstracts not exceeding 500 words and should be submitted through e-mail: ngrsm2024@gmail.com, in MS Word Times New Roman format with 12pt font and 1.5-line spacing. The abstract should include the title, name (s) of the author(s), organization, and presenting author's e-mail. The abstract template may be downloaded from (<http://www.wihg.res.in>)

Criteria for selection

Ph.D. research scholars working in any field of Geosciences can apply in the given format and send their registration form through e-mail: ngrsm2024@gmail.com.

Award

The organizer plans to give Prof. D.N. Wadia Best oral and poster presentation awards.

REGISTRATION

There is no registration fee for the participants. Preference will be given to research scholars with a minimum of two year of research experience. Total 50 outside participants. Maximum intake of two participants from each Inst/Univ.

PRESENTATION

Oral: 7 minutes

Poster: Space in an A0 size will be available

Note: All the participants will also prepare the poster for discussion during the poster session.

Venue

***Shri Mata Vaishno Devi University (SMVDU)
Campus, Katra, Jammu and Kashmir – 182320***

ACCOMMODATION: Stay at Shri Mata Vaishno Devi University campus, Katra (J&K). Accommodation will be provided by the organizers on sharing basis.

TRAVEL: Train (AC III-tier) to & fro to SMVDU, J&K, from workplace/hometown will be reimbursed to the selected participants.

EVENT DETAIL

- ❖ **21.11.24 Arrival of participants at SMVDU, Katra (J&K)**
- ❖ **22.11.24 Inauguration & scientific presentations**
- ❖ **23.11.24 & 24.11.24 Field trip**
- ❖ **25.11.24 Scientific presentations & valedictory**

ABOUT WADIA INSTITUTE

Wadia Institute of Himalayan Geology (WIHG) at Dehradun. This is an autonomous institution of the Department of Science & Technology (DST), GoI, which came into being in 1968. It has been pursuing basic and applied research to unravel the orogeny of majestic Himalayas and provide an improved understanding of seismogenesis, geodynamic processes, climate-tectonic interactions, evolution and extinction of life, ore formation, glaciology, river system, natural hazards (landslides, floods, and earthquakes), anthropogenic impact. www.wihg.res.in

ABOUT UNIVERSITY

Shri Mata Vaishno Devi University (SMVDU) was established under an Act of J&K State Legislature in 1999 as fully residential and technical university, the first of its kind in J&K. Recognized by UGC under Section 2(f) & 12(B) of the UGC Act of 1956, the university receives funding from UGC. The university ranked 26th among Architecture Institutions, 101-150 among Engineering Institutions and 151-200 amongst top Universities in National Institutional Ranking Framework (NIRF 2023) declared by the MHRD, Govt. of India. www.smvdu.ac.in

Important Dates

Circular release date	23-09-2024
Abstract submission with registration form: before	23-10-2024
Confirmation to the participants:	27 th October, 2024