



6th IGI-YGF Intensive Training Program on Geomorphological Techniques

Dates: 15th - 18th June

Organiser: Young Geomorphologists
Forum (IGI-YGF)

Field Training: Karha River Basin,
Pune District

Host: Department of Geography,
Savitribai Phule Pune University



About YGF

The Young Geomorphologists Forum (YGF) was established under the banner of the Indian Institute of Geomorphologists (IGI), the National Scientific Member (NSM) of the International Association of Geomorphologists (IAG), following the collective vision to encourage and support emerging geomorphologists in India.

In accordance with the IAG's initiative to promote young geomorphologists globally, the Executive Council and General House of the IGI approved the formation of the Forum during their meeting held on 4th October 2019. The Forum aims to create a dynamic platform for young researchers, scholars, and students to engage in academic exchange, field-based learning, research collaboration, and professional development in the field of geomorphology.

IGI-YGF Steering committee

Prof. Sunil Kumar De - Chairman

Prof. Sunando Bandyopadhyay - Member

Prof. Sudhakar Pardeshi - Member

Prof. A. R. Siddiqui - Sec. Gen. (IGI), Ex-Officio Member

IGI-YGF President & Vice-President

Dr. Sayoni Mondal - President, IGI-YGF (2025)

Dr. Arindam Chowdhury - Vice-President, IGI-YGF (2025)



About the Workshop

The workshop is planned to undertake a training program focused on geomorphological techniques used in field studies. These techniques are essential tools for interpreting the Earth's surface processes and landscape evolution under the influence of climate, water, wind, ice, and tectonic activity.

Methods such as terrain analysis, sedimentological testing, geospatial modelling, DGPS, and Total Station surveys help researchers measure and map landscapes with precision. When combined with dating techniques, these methods create a chronological understanding of landform development. Together, these multidisciplinary approaches provide actionable insights for hazard assessment, disaster risk reduction, sustainable land-use planning, environmental conservation, and urban resilience.

Field Area

The Karha River Basin:

The Karha River, a significant 98 km long, 7th-order left tributary of the Nira River in Maharashtra's Pune district, drains a basaltic landscape within the Deccan Volcanic Province (DVP). Rising from the rugged Purandar hills, the river flows east-southeast through a terrain primarily governed by horizontal lava flows and structural controls. The basin is situated in a semi-arid, rain-scarce zone with an average annual rainfall of 556.4 mm, resulting in a hydrology that is strictly monsoon-dependent, with peak flows occurring between June and October.

The geomorphology of the basin is characterized by a transition from moderately dissected plateaus in the west to a wide pediment complex and narrow alluvial plains. A central feature of the upper catchment is the Saswad Plateau, a prominent denudational surface divided into two distinct levels: An Upper Plateau exceeding 950m AMSL and a Lower Plateau ranging from 730m to 950m AMSL. This plateau environment is highly dissected by gully systems and features massive basaltic hills, deeply weathered pediments, and thin tuffaceous layers.



Important dates

Training Program : 15th - 18th June 2026

Last Date of Registration & Payment

31st May 2026 (11:59 PM)

15th June - Monday

Inaugural Ceremony - Morning

Technical Sessions - Morning & Afternoon

16th June - Tuesday

Technical Sessions - Morning

Technical Sessions - Afternoon

17th June - Wednesday

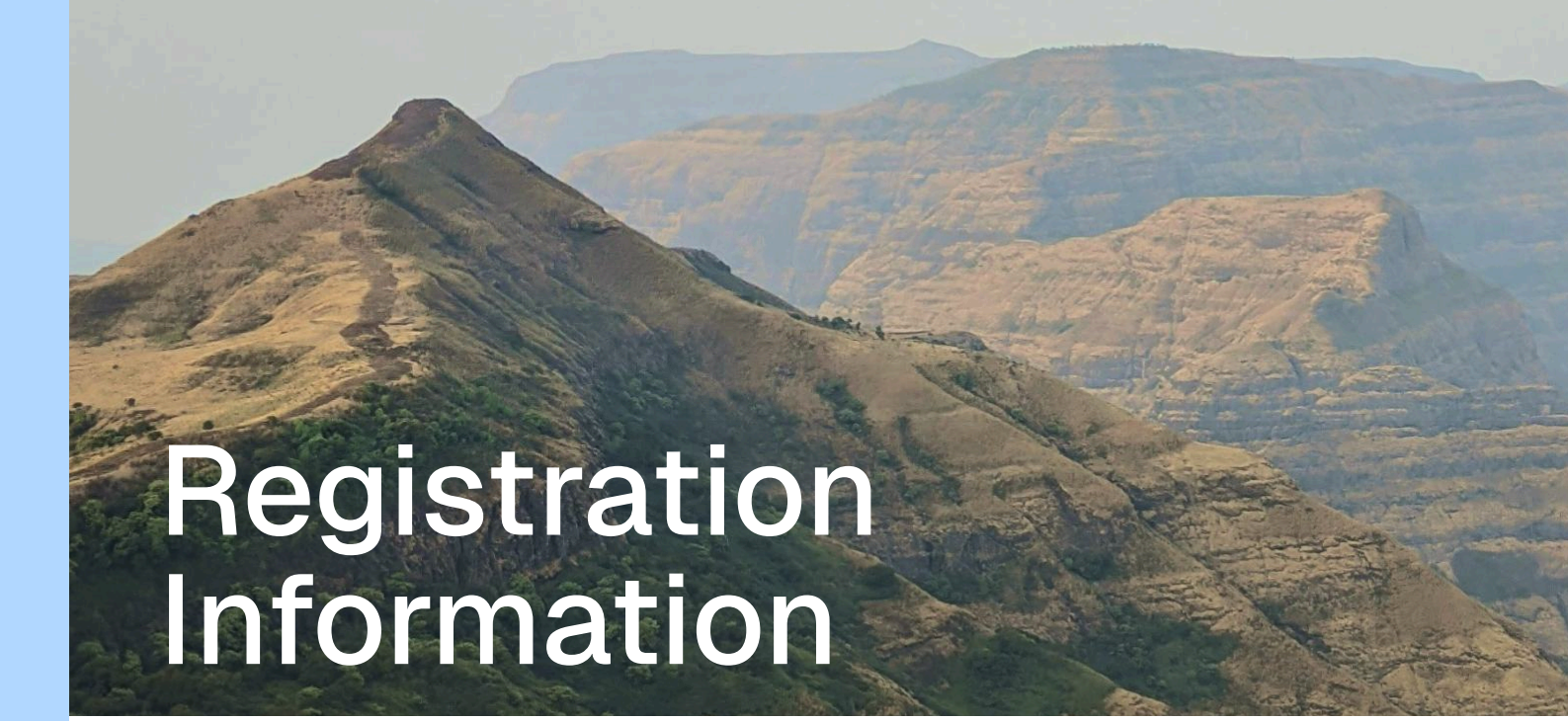
Field Study - Fullday

18th June - Thursday

Technical Sessions - Morning

Technical Sessions - Afternoon

Closing Ceremony - Evening



Registration Information

Registration Link: [IGI-YGF Intensive Training Program](#) (last date - 31st May '26)

Payment Information:

Registration fees:

- Rs. 3500 (without accommodation)
- Rs. 4500 (with accommodation)

Get a screenshot of the transaction ID and Payment receipt. To be added in the registration form

Account Name: 9th International Conference of Geomorphology

Account Number: 34030191439

Bank : State Bank Of India

Branch : NEHU Branch

IFSC Code : SBIN0004295

Contact: Sudhakar Pardeshi (Sr. Professor)
+91 9422358356 sdpardeshi@gmail.com

Organising Committee

Patrons

Prof. Sunil Kumar De - President (IAG)

Prof. Padmini Pani - President (IGI)

Prof. Amit Dhorde - HOD, Geography (SPPU)

YGF-ITP Co-ordinator

Prof. Sudhakar Pardeshi - Vice-President (IGI)

Convenor

Dr. Sayoni Mondal - President, IGI-YGF (2025)

Co-Convenor

Dr. Arindam Chowdhury - Vice-President,
IGI-YGF (2025)

Organising Secretaries

Mr. Tushar Raut

Ms. Sai Shelar

Ms. Priyanka Hingonekar

Members of Organising Committee

Mr. Sagar Mhale

Ms. Swaroopa Mahapatra

Mr. Shubham Soni