

## THE FOREIGN FACULTY



Prof. Martin Haigh is the Emeritus Professor of Geography, Oxford Brookes University, United Kingdom. Formerly he was (Vice) President of the World Association for Soil and Water Conservation. Prof. Martin Haigh is Co-Founder of the UNESCO recognized "International Association for Headwater Control and Co-organiser of 7 of its international conferences. He is a UK National Teaching Fellow and Senior Fellow of the Higher Education Academy. Martin is currently involved in Technical Research in Landslide Prediction and Control, Environmental Education for a Sustainable Future and Landscape Reconstruction and Hazard Management in Mining and Mountain Regions.

## THE HOST FACULTY AND COURSE COORDINATORS



**Prof. G.T. Thong** is presently Head of the Department of Geology, Nagaland University, Kohima Campus, Meriema. His areas of interest include sedimentology and landslides. He has completed some major research projects funded by the Space Applications Center (ISRO) and Department of Science & Technology, Govt. of India. He was formerly the Dean (Research, Development and Consultancy), Nagaland University.



**Prof. M.S. Rawat** is a geomorphologist and has been working in the Himalayan region for more than 30 years. His expertise is in the geomorphological and hydrological processes. He has completed some R&D projects sponsored by the DST, CSIR and G.B. Pant Institute of Himalayan Environment & Development, Govt. of India. Presently, he is Head of the Department of Geography under School of Sciences, Nagaland University, Lumami.

## LOCAL COORDINATOR



**Dr. Sarat Chandra Yeniseti** is the Director, IQAC and Local Coordinator, GIAN who is a nodal contact for the GIAN activities of Nagaland University. He obtained post doctoral training in Neurogenetics from National Institutes of Health (NIH), USA and University of Regensburg, Germany. Presently he is an Associate Professor in the Department of Zoology. Sarat's lab focuses on Drosophila approaches to understand Parkinson's disease associated neurodegeneration. He is awarded with Department of Biotechnology's prestigious UEXCEL grant.

## THE HOST UNIVERSITY/DEPARTMENT

Nagaland University is the 13th Central University of India that was established in 1994. Presently, there are six schools with thirty seven academic departments and six Centre of Studies. The University has the Kohima Campus at Meriema, Mediziphema Campus (School of Agricultural Sciences & Rural Development (SASRD) at Mediziphema and Interim Campus (School of Engineering & Technology) at Dimapur. The Headquarters has been functional at Lumami in Zunheboto district since 2010. The Department of Geology is located at the Kohima Campus, Meriema, about 9 km north of Kohima town, the capital of Nagaland. The Department offers a 2 year M.Sc. Geology course and Ph.D. programme in various sub-disciplines. Meriema is connected to Dimapur (85 km) by road where the airport and railway station are located. The temperature at Kohima varies from about 8°C in winter to 30°C in summer. An Inner Line Permit (ILP) is necessary for entry into Nagaland. It may be obtained from the Nagaland Houses at New Delhi, Kolkata, Guwahati and Shillong. The ILP is also available at Dimapur from the office of the Deputy Commissioner.

## FINAL REGISTRATION

Final Registration of participants will start at 11 AM on 6th March, 2017 and close at 11 AM on 7th March, 2017 in the Department of Geology, Kohima Campus, Meriema. Participants are requested to submit duly filled-in Registration form along with the Registration Fee by cash at the spot. Registration forms will be available at the time of final registration. Preliminary Registration for this course is already open. Before the Final Registration, interested participants are advised to send their request by e-mail to [msrckr@rediffmail.com](mailto:msrckr@rediffmail.com).



**GLOBAL INITIATIVE OF  
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[www.gian.iitkgp.ac.in](http://www.gian.iitkgp.ac.in)



**MINISTRY OF HUMAN RESOURCE DEVELOPMENT  
GOVERNMENT OF INDIA**

## FINAL ANNOUNCEMENT

FOR  
PARTICIPATION IN  
A SHORT COURSE

ON

**LANDSLIDE AND DEBRIS FLOW SYSTEMS:  
PREDICTION, CONTROL AND RECLAMATION**

**MARCH 07-11, 2017**

**ORGANIZED BY**

**NAGALAND**



**UNIVERSITY**



**DEPARTMENT OF GEOLOGY  
SCHOOL OF SCIENCES  
KOHIMA CAMPUS, MERIEMA-797004**



## ORGANIZING COMMITTEE

|                               |   |
|-------------------------------|---|
| Patron                        | : Prof. N. S. Jamir, Vice Chancellor In-Charge, Nagaland University, Lumami   |
| Chairperson                   | : Prof. S. K. Chaturvedi, Dean, RDC, Nagaland University, Lumami  |
| Foreign Faculty               | : Prof. Martin Haigh, Oxford Brookes University, Oxford, United Kingdom   |
| Host Faculty and Coordinators | : Prof. G. T. Thong, Department of Geology, NU, Kohima Campus, Meriema<br>Prof. M. S. Rawat, Department of Geography, Nagaland University, Lumami |
| Local Coordinator             | : Dr. Sarat Chandra Yeniseti, Director, IQAC, Nagaland University, Lumami   |

## LOCAL ORGANIZING COMMITTEE

|                      |   |
|----------------------|---|
| Chairperson          | : Prof. G. T. Thong, Department of Geology, NU, Kohima Campus, Meriema  |
| Organizing Secretary | : Dr. T. Walling, Department of Geology, NU, Kohima Campus, Meriema   |
| Members              | : Dr. S. K. Singh, Department of Geology, NU, Kohima Campus, Meriema<br>: Dr. Vikoleno Rino, Department of Geology, NU, Kohima Campus, Meriema<br>: Mrs. Narola Chuba, Department of Education, NU, Kohima Campus, Meriema<br>: Mr. Imchatoshi, UDC, NU, Kohima Campus, Meriema |

## INVITATION

The Organizing Committee invites interested persons to participate in the first GIAN Course of the Nagaland University approved by the Ministry of Human Resource Development, Govt. of India to be held during March 07-11, 2017 in the Department of Geology, Kohima Campus of Nagaland University at Meriema. This Course contains lectures, field studies, workshops, group discussions etc. The foreign faculty will also interact with students, research scholars and faculty of Nagaland University and visit various sites in Kohima and Mokokchung districts in view of future collaborative research between Nagaland University, India and Oxford Brookes University, UK.

## GIAN AT A GLANCE

The GIAN programme of the Ministry of Human Resource Development aims at tapping talent pool of scientists and entrepreneurs internationally, to encourage their engagement with institutes of higher education in India so as to augment the country's existing academic resources, accelerate the pace of quality reforms and elevate India's scientific and technological capacity to global excellence through 1) gathering the best international experience into our systems of higher education, 2) enabling interaction of students and faculty with best academic and industry experts from all over the world and 3) sharing of their experiences and expertise to motivate people to work on India's problems. The objectives of the GIAN, Nagaland University are to 1) increase the footfalls of reputed international faculty in the Nagaland University, 2) provide opportunity to our faculty to learn and share knowledge and teaching skills in cutting

edge areas, 3) provide opportunity to our students to seek knowledge and experience from reputed foreign faculty, 4) create avenues for possible collaborative research with foreign faculty, 5) increase participation and presence of international students in the University and 6) develop new pedagogic methods in emerging topics of national and international interest.

## COURSE OVERVIEW

This course is a modest attempt at addressing environmental problems that are intimately related to the framework of geography, geomorphology, geology and others. Landslides and their attendant debris flows are the second biggest killers in mountainous domains (after earthquakes) and occur routinely, year after year, to cause severe damage to life and property. Landslides and debris flows are widespread all over Nagaland, particularly along the highways. Landslide prediction and management is tackled by many branches of the Earth Sciences as well as by the insurance companies and construction industries and those concerned with development and planning at every level of state and local government. Exploring the less predictable 'crowd behaviour' of landslides requires new approaches that share much with the prediction of earthquakes and volcanic eruptions and that involves geostatistics, geoinformatics and geosystems thinking. This course explores the different characteristics of the trigger events that initiate landslide and debris flow activity and the systems processes that determine their size and longevity. It considers the means for the prediction and control of landslide-prone zones, such as new mountain highways. Finally, it considers methods of hazards mitigation and avoidance, including the management of recurrent long-runout landslides and debris flows. The course will offer "Participation Certificate" to those participants who will successfully complete the course.

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|--------------------------------|--|
| <b>Modules</b>                 | A : 5 lectures, field study, tutorials & workshop<br>March 07 & 08, 2017<br>B : 5 lectures, field study, tutorials & workshop<br>March 09 & 10, 2017<br>C : Field study, workshop/group discussion & final session<br>March 11, 2017<br>Number of participants for the course will be limited to fifty   |
| <b>You Should Attend If...</b> | <ul style="list-style-type: none"><li>● you are a UG/PG student or research scholar or faculty of Geology, Geography, Botany, Environmental Sciences, Forestry Sciences, Social Sciences, Geoinformatics, etc. of a University, IIT, NIT, College etc.</li><li>● you are a scientist, government official, community leader from NGO's etc.</li><li>● you are a government official from PWD, Disaster Management, Geology &amp; Mining, Planning &amp; Coordination, Soil &amp; Water Conservation, Meteorology and Urban Planning etc.</li></ul> |
| <b>Fees</b>                    | The participation fees for the course is as follows:<br>Participants from abroad - US \$ 200<br>Industry / Research Organization / Government Department - ₹ 2,000/-<br>Academic Institutions:<br>Students - ₹ 500/-; Research Scholars - ₹ 1,000/-; Faculty - ₹ 1,500/-<br>Travel and accommodation charges will be borne by the participants   |