

January 1, 2024

Press Release

“ViksitBharat@2047:Voice of Youth:” JMI organises Public Lecture on “Landslide Risk Assessment and Risk Assessed Land Use Plan in the Earthquake-Hit Area”

The Department of Geography, Faculty of Sciences, Jamia Millia Islamia (JMI) organized a Public Lecture on “Landslide Risk Assessment and Risk Assessed Land Use Plan in the Earthquake-Hit Area” on 29th December,2023 as a part of “Viksit Bharat @2047 initiative”. The lecture was delivered by esteemed Professor Dinesh Pathak, an expert in the field of hydrogeological assessment from Tribhuvan University, Nepal. Prof. Tabrez Alam Khan, Dean Faculty of Sciences chaired the lecture.

Prof. Haroon Sajjad, Head Department of Geography, warmly welcomed the distinguished speaker, the Dean, faculty members, research scholars and the students. He introduced the speaker and elucidated the significance of the lecture as a part of Viksit Bharat Abhiyan. He praised the initiative taken by Hon’ble Prime Minister Shri Narendra Modi. The vision manifests transformation of youth ideas into sustainable development of India by 2047.

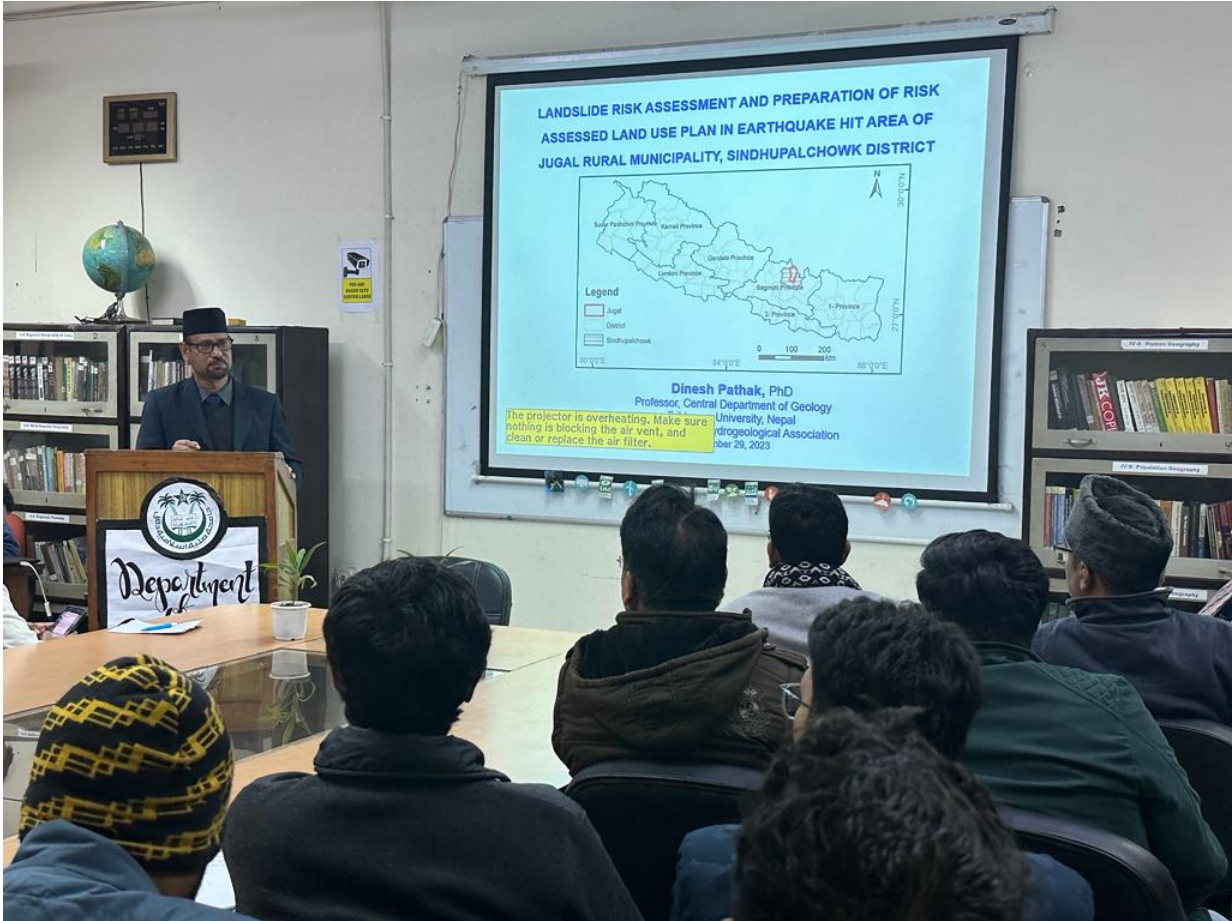
Prof. Dinesh Pathak emphasized landslide susceptibility, vulnerability, and risk mapping for preparing an effective land use plan. He shed light on comprehensive vulnerability assessment, incorporating social, physical, economic, and environmental parameters through an empirical approach and GIS modeling technique. He highlighted the potential severe implications on communities residing in high-risk areas and stressed the need for strategic land use planning.

Attendees were enlightened on the significance of monitoring temporal changes in land use maps for the preparation of disaster-sensitive land use plans. Such maps can help the authorities to take timely decisions to safeguard the communities.

Prof. Tabrez Alam Khan in his chair remarks enunciated the recent disasters occurring in different parts of India and suggested developing effective early warning systems for disasters. "We cannot stop disasters, these are bound to occur but we can reduce the impact", he said.

Dr. Asif who conducted the programme also presented the vote of thanks. He expressed gratitude towards Prof. Iqbal Hussain, Vice Chancellor, JMI for his support in hosting various events on “Viksit Bharat Abhiyan” vision 2047. He also thanked Prof. Pathak for his invaluable insights, Prof. Tabrez Alam for his valuable chair remarks, and all who participated in this important event.

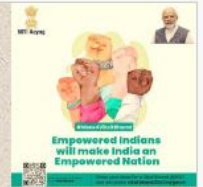






Department of Geography
(UGC-DRS SAP-I and DST-FIST Supported)
Faculty of Sciences
Jamia Millia Islamia
[NAAC Accredited Grade A++ & NIRF Rank 3rd]

**विकसित भारत
अभियान**
1947 TO 2047



Organizes Lecture on

**Landslide Risk Assessment and Risk Assessed Land
Use Plan in Earthquake Hit Area of Jugal Rural
Municipality, Sindhupal Chowk District**



Prof. Eqbal Hussain
Hon'ble Vice-Chancellor
Jamia Millia Islamia, New Delhi



Prof. Tabrez Alam Khan
Dean, Faculty of Sciences
Jamia Millia Islamia

Speaker



Prof. Dinesh Pathak
Central Department of Geology
Tribhuvan University, Nepal



Prof. Haroon Sajjad
Head, Department of Geography
Jamia Millia Islamia

Venue: Seminar Library, Department of Geography, Jamia Millia Islamia



**DEPARTMENT OF GEOGRAPHY
JAMIA MILLIA ISLAMIA**
(Accredited NAAC A++ Grade, NIRF Rank 3)



organizes
Lecture on

**Landslide Risk Assessment and Risk Assessed Land Use Plan in
Earthquake Hit Area of Jugal Rural Municipality,
Sindhupal Chowk District**



PATRON

Prof. Eqbal Hussain
Hon'ble Vice-Chancellor
Jamia Millia Islamia, New Delhi



SPEAKER

Prof. Dinesh Pathak
Professor
Central Department of Geology
Tribhuvan University, Nepal



29.12.2023
11:30 a.m.



CHAIR

Prof. Tabrez Alam Khan
Dean, Faculty of Sciences
Jamia Millia Islamia, New Delhi



Prof. Haroon Sajjad
Head, Department of Geography
Jamia Millia Islamia, New Delhi

Dr. Dinesh Pathak is Professor, Central Department of Geology, Tribhuvan University, Nepal. He is PhD and MS in Geoscience, Japan 2002; MSc Geology - Nepal 1989; PG Diploma in Groundwater, Israel 1993; PG Diploma in Remote Sensing /Geographic Information Systems (GIS), IIRS, India 2005. He specializes in applied geology, hydrogeology and natural disasters. He has been carrying out research in the field of hydrogeological assessment in mountainous region and plain area; natural hazards, especially landslide and flood; hydrogeological and landslide hazard assessment; groundwater modelling, climate change projection leading to its impact in various sector, primarily in landslide and groundwater, Remote Sensing /Geographic Information Systems (GIS) applications. He has supervised MSc and PhD students in several thesis and dissertations. He has served as the President, Nepal Hydrogeological Association (2023-2025); President, Nepal Geological Society (2013-2015); President, Smartphones for Water Nepal (S4W) (2019 till date). He is the former Executive Member - Nepal GIS Society, former Chief Editor - Bulletin of Nepal Hydrogeological Association (NHA) and former Editor of the Journal of Nepal Geological Society.

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