

REPORT FOR THE WEBINARS/SEMINARS/WORKSHOP CONDUCTED

1. NAME OF THE DEPARTMENT : PHYSICS
2. TITLE OF THE PROGRAMME : " UNDERSTANDING EARTHQUAKES "
3. NAME OF THE RESOURCE PERSON : Dr. A.C. Lyngdoh, Scientist and Head, Central Seismological Observatory, National Center for Seismology, Shillong.
4. NAME OF THE COORDINATOR : Dr. M. Ram
5. DATE : 6th, September, 2022
6. TIME : 5:00 PM
7. VENUE (IF OFFLINE) : NA
8. MODE : Online
9. PLATFORM : Jiomeet
10. LINK (if online) : <https://forms.gle/vbozyzF9nQ3akXUv5/> (registration link)
: <https://jiomeetpro.jio.com/shortener?meetingId=8539654057&pwd=3Hk2r> (meeting link)

11. NO OF PARTICIPANTS : 94
12. TEACHERS : 8 (6 from the department +2 Guests)
13. STUDENTS : 86

14. OUTCOME OF THE PROGRAMME

The session started with familiarizing the audience (mainly the students) with the different common terminology associated with seismicity. He then discussed the different causes for an earthquake, how an earthquake is recorded, measured and how the information is disseminated with various organizations, institutes, government bodies and with the general public. He also talked about the various seismic zones in India and seismic fault lines in the North-East region. At the end, the students and teachers had a lively interaction with the resource person where the students asked some intriguing questions. The overall webinar was a successful one and it is on the highly relevant topic for the region.

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00:51:40 PHYSICS department is sharing s...

Seismic Zoning Map

seismic zones Based on

- seismotectonics,
- incidences of seismicity
- intensity experienced,

Zone	Area(%)
V	10.90
IV	17.30
III	30.40
II	41.40

08 Sep 22 5:33 PM

Unmute Start Video Participants Chat Share Raise Hand Layout Leave

Participant Panel

- Linthoingambi Yum...
- Liza Debbarma
- Lydia (Guest)
- Meghna (Guest)
- Moasunep Soyah
- Nabashisha Nongs...
- Nongrakpam Loyal...
- Pinky (Guest)
- Pilelad Lamin (Guest)
- Puhenba Sharma(G...
- Pynshaiborlang Ma...
- Pynshingainlang No...

00:52:20 PHYSICS department is sharing s...

Seismicity in and around India

Indian subcontinent is vulnerable to earthquakes because of

- Continent Collision in north
- Subduction in east
- intra-plate activity in peninsular domain

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Participant Panel

- Puhenba Sharma(G...
- Pynshaiborlang Ma...
- Pynshingainlang No...
- P L Lalrustipuis (Guest)
- Satzaveak (Guest)
- Sebastian Singnar (...)
- Sobril (Guest)
- Sengwan Sangma (...)
- Shiv(Guest)
- SUKKYNJAI (Guest)
- Sungdalakum Amer ...
- Thmumaya Sungoh...

00:45:57 PHYSICS department is sharing s...

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Participant Panel

- Daniel Marwin (Gu...
- Deiwitawon Najjar ...
- Evanzara L. Marshall...
- Goldstar (Guest)
- Himal (Guest)
- James (Guest)
- Jeet S Deka (Guest)
- Kavisatuo Sakhose
- Khraw Hoywan (Gu...
- Kiudunang Ganmei...
- Ksankupar (Guest)