

**4<sup>th</sup> National Geo-Research Scholars Meet: Webinar (June 23-24, 2020)**

**Wadia Institute of Himalayan Geology, Dehradun**

**TECHNICAL SCHEDULE**

**Day 1: June 23, 2020**

<b>Session-1</b> (10:00 -13:05 Hrs) Session Moderator: <b>Dr. Pradeep Srivastava</b>	<b>Session-2</b> (14:30 -17:15 Hrs) Session Moderator: <b>Dr. Rajesh Sharma</b>
10.00 - 10.20 --- <b>Dr Kalachand Sain</b> Welcome Address	14.30 - 15.00 --- <b>Invited Talk 05 - Dr. D.S. Pai</b> Monsoon basics and predictions
10.20 - 10.30 --- <b>Prof. Ashok Sahani</b> Address by GB Chairman	15.00 - 15.30 --- <b>Invited Talk 06 - Dr. Arijit Roy</b> Geospatial Application to Disaster: Role of Space Technology
10.30 - 11:30 --- <b>Invited Talk 01 - Prof A.K. Singhvi</b> Being a responsible Scientist	15.30 - 16.00 --- <b>Invited Talk 07 - Dr Ajoy K. Bhaumik</b> Role of foraminifera in hydrocarbon exploration
11:30 - 12.15 --- <b>Invited Talk 02 - Prof S.K. Tandon</b> The Anthropocene Concept: Humans and the Earth	16.00 - 16.30 --- <b>Invited Talk 08 - Dr. Pradeep Srivastava</b> Floods in Himalaya
12:15 - 12:45 --- <b>Invited Talk 03 - Dr Vineet Gahalaut</b> Crustal deformation measurements along the Himalayan arc and seismic hazard	16.30 - 16.55 --- <b>Invited Talk 09 – Dr. Kalachand Sain</b> Artificial Intelligence for advance interpretation of 3D Seismic Data
	16.55 - 17.00 --- <b>Welcome and Introduction of Chief Guest by – Dr. Kalachand Sain</b>
12:45 - 13:05 --- <b>Invited Talk 04 – Dr. Devajit Hazarika</b> Role of MHT in understanding Seismogenesis: Kumaun Himalaya	17.00 - 17.15 --- <b>Inaugural Address - Prof Ashutosh Sharma (Secretary DST)</b> <b>Chief Guest</b>

**Day 2: June 24, 2020**

<b>Session-3</b> (10:30 -13:00 Hrs) Session Moderator: <b>Dr. R.J. Perumal</b>	<b>Session- 4</b> (14:30 – 17:25 Hrs) Session Moderator: <b>Dr. Vikram Gupta</b>
10.30 - 11.00 --- <b>Invited Talk 10 - Dr V.C. Thakur</b> Closing of NeoTethys and continent - continent collision gave birth to the Himalaya	14.30 - 15.00 --- <b>Invited Talk 15 - Prof Dipankar Saha</b> Trends and challenges of Groundwater Researches in India
11.00 - 11.30 --- <b>Invited Talk 11 - Dr Akhilesh Gupta</b> "Climate Change Research in India : Progress and Prospects in the Post-COVID Era	15.00 - 15.30 --- <b>Invited Talk 16 - Dr Himanshu Kulkarni</b> Integrating geology and hydrogeology in the revival of springs: integrating the conceptual and the experiential
11:30 - 12.00 --- <b>Invited Talk 12 - Dr. D. M. Banerjee</b> Geoethics: Need for an Indian code	15.30 - 16.00 --- <b>Invited Talk 17 - Dr. S. L. Kapil</b> Why Geotechnical investigation are important for hydro power projects
12.00 - 12.30 --- <b>Invited Talk 13 - Dr. Thamban Meloth</b> Antarctic cryosphere and climate change	16.00 - 16.30 --- <b>Invited Talk 18 - Dr. R.J. Perumal</b> Earthquake Geology: An overview
12:30 - 13:00 --- <b>Invited Talk 14 – Dr. Rajesh Sharma</b> Applications of Raman Spectroscopy in Geoscience	16.30 – 17.00 --- <b>Invited Talk 19 - Dr. Saibal Ghosh</b> Requirement of Research on Landslides Management in India
	17:00 – 17:20 --- <b>Invited Talk 20 – Dr. Vikram Gupta</b> Landslides Research: The recent trends
	17:20 – 17:25 --- <b>Vote of Thanks by – Dr. Parveen Kumar</b>