

<i>Saturday, September 30, 2023</i>		
1700-1830	Registration	Ground Level, Department of Geology, SPPU
<i>Sunday, October 01, 2023</i>		
0830-0945	Registration	Ground Level, Department of Geology, SPPU
0945-1030	Inaugural Session	Auditorium, Level 1, Department of Geology, SPPU
1030-1100	Coffee Break	
Time	Presenter	Title
1100-1130	S J Sangode	Conference background
Session 1: Deccan volcanism-physical volcanology, felsic and mafic magmatism-I		
Session chair: Shailesh Nayak		
	Invited Talk	
1130-1200	Vivek Kale	Deccan Volcanism and Stratigraphy: Perspective from the known to the unknown
	Invited Talk	
1200-1230	Hetu Sheth	From flood basalts to flood rhyolites, and more: Volcanological puzzles for Deccan-next
1230-1245	Anne Jay	Towards consilience in Deccan research
1245-1300	SFR Khadri	Flow stratigraphic correlation of Western Deccan Basalt Province with Malwa Traps, Mandla Lobe and other related basalt
1300-1315	Janisar Shaikh	Physical volcanology of the Pavagadh rhyolites, northern Deccan Traps: Stratigraphic, structural, and textural record of explosive and effusive eruptions
1315-1330	Anmol Naik	Extremely high-grade, lava-like rhyolitic ignimbrites at Osham Hill, Saurashtra, northwestern Deccan Traps: stratigraphy, structures, textures, and physical volcanology
1330-1430	Lunch Break	Terrace, Department of Geology, SPPU
Session 2: Deccan volcanism-physical volcanology, felsic and mafic magmatism-II		
Session chairs: Hetu Sheth and Anne Jay		
	Invited Talk	
1430-1500	Paul Renne	⁴⁰ Ar/ ³⁹ Ar Geochronology of the Deccan Traps
1500-1515	Priya Dutta	Extension of Deccan Flood Basalt in Western Continental Margin of India: An overview
1515-1530	Arunodaya Shekhar	Late-Deccan (Danian-age) explosive silicic eruptions in Mumbai: the Dongri ignimbrite sequence
1530-1545	Paramita Paul	The subaqueous lava flows of the eastern Deccan Volcanic Province, Chindwara, Madhya Pradesh - A retrospective
1545-1600	Pim Kaskes	Application of portable X-ray fluorescence (pXRF) in distinguishing different Deccan basalt formations
1600-1615	Purnima Konwar	Characterization of Deccan Plateau Dykes in parts of Nashik, Pune, Ahmednagar, Raigad, Ratnagiri and Thane Districts by multithematic approach: Preliminary observations
1615-1630	Group Photo	Ground Level Entrance, Department of Geology, SPPU
1630-1645	Coffee Break	
Session 3: Deccan volcanism-physical volcanology, felsic and mafic magmatism-III		
Session chairs: Paul Renne and Kanchan Pande		
	Invited Talk	
1645-1715	Blair Schoene	Progress and uncertainties in U-Pb geochronology of the Deccan Traps

1715-1730	Payel Dey	Untold story of the Eastern Deccan volcanic province in the light of GPB (Giant Plagioclase Basalt) perspective
1730-1745	Meena Gupta	Characteristics of basalt flows intersected in the borehole drilled at Jalalkheda area, Katol, Nagpur District Maharashtra
1745-1800	Bidisha Bayan	Importance of paleomagnetic studies, geochemistry and dyke geochronology : Implications from mafic dykes swarms of the Dharwar craton and Deccan Volcanic Province
1800-1900	Felicitaton ceremony	
1930- 2200	Get-together Dinner	Pride Hotel, Shivaji Nagar, Pune
Monday, October 02, 2023		
Session 4: Mafic-ultramafic- alkaline magmatism and entrained xenoliths		
Session chairs: Chalapathi Rao and Jyotiranjan Ray		
Invited Talk		
0930-1000	N V Chalapathi Rao	Alkaline rocks and their entrained xenoliths from the Deccan Large Igneous Province: A review of the present status
1000-1015	Azhar Shaikh	Olivine compositions in picrite and ankaramite dykes on Elephanta Island, Deccan Traps
1015-1030	Mahesh Halder	The Girnar Complex: a rare window of the Deccan Traps Large Igneous Province to trace multiple sources
1030-1045	Anshika Singh	Murud-Janjira lamprophyres from Deccan Large Igneous Province: a continuum between alkaline and ultramafic lamprophyres
1045-1100	Rohit Pandey	Petrology of the ijolite dykes from Palanpur (Kachchh) and Sarnu-Dandali (Tin- Talai) Northwest India
1100-1115	Md. Naushad	Geology, Geochemistry and Petrogenetic Evolution of Kanesara Alkaline Igneous Complex from North-Western Deccan Volcanic Province
1115-1145	Coffee Break	
1145-1200	Debojit Talukdar	Anatomy and tectonics of Deccan LIP linked alkaline complexes of Rajasthan, NW India: insights from geology & geophysics
1200-1215	Abhinay Sharma	The role of magma mixing in the petrogenesis of lamprophyres from the Nirwandh alkaline complex, Kutch, Northwest India
Session 5: Deccan hosted mineralization, carbonatite hosted REE and their genesis, laterite and bauxite		
Session chairs: Santosh Kumar and Blair Schoene		
Invited Talk		
1215-1245	Jyotiranjan S Ray	Carbonatites of Deccan Large Igneous Province
1245-1300	J V Rama Rao	Mapping mineral belts beneath Deccan Volcanic Province: Approaching through passive geophysical methods for status and future
1300-1315	Ashish Dongre	Genesis of alkaline rocks and carbonatites from Sarnu-Dandali
1315-1330	Prashant Dhote	Contrasting style of REE Mineralization from Carbonatite-Alkaline complexes in Deccan Volcanic Province
1330-1430	Lunch Break	
1430-1445	Terrace, Department of Geology, SPPU	
1430-1445	Mahesh Bhaise	Potentiality of laterite-bauxite developed over DVP of western Maharashtra: Current status and future prospect
1445-1500	Nilofer Shaikh	Vanadium rich beach sands of Ratnagiri coast, Western Maharashtra
1500-1515	Navjeet Nayyar	Geochemical studies of the aluminous and vanadiferous lateritic cappings in parts of Chandrapur district of Maharashtra and Komaram Bheem district of Telangana, Central India.
Session 6: Paleobiology, sedimentation and paleoclimate including K-Pg boundary- I		
Session chairs: D M Mohabey and Neloy Khare		
Invited Talk		
1515-1545	D M Mohabey	Stratigraphic constraints on Deccan Trap sequences and associated sediment of different provinces, spatio-temporal correlation: Implications for tracking biotic changes

	Special Talk	
1545-1615	Gerta Keller	Deccan Volcanism Caused the KPb Mass Extinction. The Chicxulub Impact Predates the KPb by ~200ky
1615-1630	Bandana Samant	Deciphering response of terrestrial flora to the Late Cretaceous-early Palaeocene Deccan volcanic eruptions: mega and microfloral evidences
1630-1650	Thierry Adate	Coupling Timing and Tempo of Deccan Volcanism with the KPg Extinction through Mercury and Tellurium Anomalies
1650-1705	Mallika Jonnalagadda	Significance of compositional variations in plagioclase from IODP 393 site U1558: Insights into magmatic processes
1705-1900	Poster session-I with coffee break	Level 2, Department of Geology, SPPU
1900-2000	Cultural Program	
2000- 2200	Conference Dinner	Terrace, Department of Geology, SPPU
Tuesday, October 03, 2023		
Session 7: Paleobiology, sedimentation and paleoclimate including K-Pg boundary-II		
Session chairs: S F R Khadri and Thierry Adate		
0930-0945	V P Singh	Deccan intertrappean: a proxy to the cosmic, impact and volcanic activities during K-Pg boundary period
0945-1000	Sabyasachi Mandal	Altered carbon cycle and coupled geochemical pattern in Maastrichtian Lameta Formation: A record of Deccan impact on infratrappean sequence at K-Pg!
1000-1015	Anup Dhobale	Palaeomagnetic signatures of the oldest Maastrichtian (C30n) lava flows from Malwa Group of Deccan Trap: constraining age of associated sediments at multiple stratigraphic levels
1015-1030	Jyotibala Singh	The mineral magnetic and clay mineral transition around K-Pg boundary from the Jhilmili Intertrappean sediment sequence of the Deccan traps, Mandla lobe, Chhindwara District, Madhya Pradesh, India
Session 8: Pre Deccan Platform: hydrocarbon potential and geodynamic influence - I		
Session chairs: B R Arora and O P Mishra		
	Invited Talk	
1030-1100	Sukanta Roy	Pre-Deccan platform and associated seismicity: constraints from scientific drilling
1100-1115	Kunal Modak	Vulnerable fractures for future failure: Insights from the drillcore samples of the basement granitoids underlying the Deccan traps of the Koyna-Warna region, India
1115-1130	Pavankumar Gayatri	Pre-eruptive crustal electrical structure and tectonics of the recent Palghar earthquake swarm activity region, Western Deccan Volcanic Province
1130-1145	Amarjeet Bhagat	Deccan Traps: A Pantheon of Geodynamics
1145-1200	Subhobroto Mazumder	Probable existence of a Mesozoic aborted rift below Deccan Trap in shelfal part of Kerala Konkan
1200-1330	Poster session-II with coffee break	Level 2, Department of Geology, SPPU
1330-1415	Lunch Break	Terrace, Department of Geology, SPPU
Session 9: Pre Deccan Platform: hydrocarbon potential and geodynamic influence - II		
Session chairs: Vivek Kale and Matthew Balme		
	Invited Talk	
1415-1445	V. Yatheesh	Geodynamic history of the Indian Plate derived from marine magnetic anomalies in the Indian Ocean since the Late Cretaceous
1445-1500	S Sundarraman	Hydrocarbon Prospectivity Analysis of Sub-Basalt Plays in Deccan Syncline and Narmada Basin
1500-1515	Kashyap Bhargav	Geochemical Analysis and its integration with sub/intra-trappean sediments

<i>1515-1530</i>	<i>Amrita Ghosh</i>	<i>CO2 Sequestration in Deccan Volcanic Province (DVP): Scope and Challenges</i>
<i>1530-1545</i>	<i>Nirmala Jain</i>	<i>Prominent red bole type section near Aurangabad, India: Implications to understand the terrestrial analogues of clay minerals in basaltic environs of Mars</i>
<i>Invited Talk</i>		
<i>1545-1615</i>	<i>Himanshu Kulkarni</i>	<i>The groundwater-climate-disaster nexus: Rethinking resilience</i>
<i>1615-1630</i>	<i>Coffee Break</i>	
<i>1630-1800</i>	<i>Valedictory Function</i>	
<i>1800-1830</i>	<i>Briefing for the field participants</i>	