



POSTER PROGRAMME

Abstract	Title	Authors
<i>Theme 1: Deccan volcanism- physical volcanology, felsic and mafic magmatism - I</i>		
S2P1	Stratigraphy & Geochemistry of Dahinala Formation, Asirgarh Region, Madhya Pradesh, India	Mayura Deshmukh, S F R Khadri
S2P2	Laboratory measurement of Viscosity of Deccan Trap lavas at variable temperatures: An experimental insight.	Priyanka Mukherjee, Poushali Chatterjee, Subrata Chakraborti, Makarand Bodas
S2P3	Preliminary studies of subsurface basaltic lava flows, Deccan Volcanic Basalt under Quaternary sediments of Tapi basin, Jalgaon district, Maharashtra.	Rohit V Gajbhiye, Mayank Pandey, Neelendra Kumar
S2P4	Characterization of partially preserved Kanherwadi-Sikri tubular structure from Kalsubai Subgroup, Western Deccan Volcanic Province, Ahmednagar district, Maharashtra and identification of possible mechanisms of its formation	Yogendra Singh, Suravi Banerjee
S2P5	A new dyke swarm on Mars and lessons learned from the Deccan	Matthew Balme, Anne Jay, Peter Grindrod
S2P6	The role of subcontinental lithosphere in the evolution of Deccan Traps: Constraints from geochemistry of the borehole well-core KBH-7	Prachiti P. Kanakdande
S2P7	Quantitative Petro-mineralogic framework analysis of ~1200 m thick lava flow sequence from the Deccan traps borehole samples in Koyna Region of Western Deccan Province	Shubham Waghmare, Mahesh Mopkar, Ashish Dongare, S. J. Sangode, Amarjeet Bhagat
S2P8	Estimation of Volatile Degassing during Deccan Volcanism and Associated Climatic Impact from Koyna Deep Borehole Drilling Samples and Surrounding Exposed Sections	Ritwick Sen, Saibal Gupta, Margherita Polacci, Margaret Hartley, Sukanta Roy
S2P9	U-Pb zircon age constraints on the eruption of the Mandla Lobe, Deccan Traps	Theodore Green, Blair Schoene, Thierry Adatte, Syed F.R. Khadri
S2P10	Combining Google Earth satellite imagery with toposheets and field studies for mapping Deccan dyke swarms: new insights, new complexities	B. Astha, Anmol Naik, Hetu Sheth, Arunodaya Shekhar
S2011	Geometry of the Bushe - Poladpur Contact in Western Deccan Volcanic Province	Ankita Lalla, Amber Saraf, Devdutt Upasani, Gauri Dole, Vivek S. Kale
<i>Theme 2: Mafic-ultramafic-alkaline magmatism & entrained xenoliths</i>		
S3P1	Paucity of kimberlite and related deep-seated magmatism in the deccan large igneous province (DLIP)	Hero Kalra, Ashish Dongre
S3P2	Mineralogical variations between the Mesoproterozoic kimberlites from Southern India and the kimberlites synchronous with the Deccan Flood Basalts	Sunny Navrat, Ashish Dongre

S3P3	Petrogenesis of Nephelinites from Deccan Large Igneous Province - a case study from Kutch, NW India	Soumi Chattopadhaya, N. V. Chalapathi Rao, Biswajit Ghosh, Chuan-Zhou Liu
S3P4	Early Cretaceous carbonatite magmatism from NW India: Evidence from U-Pb geochronology of apatite from the Mundwara alkaline complex	Sudipa Bhunia, N. V. Chalapathi Rao, Andrea Giuliani, Debojit Talukdar, Rohit Pandey, Bernd Lehmann
S3P5	Petrology of ijolite xenoliths entrained in a nephelinite dyke from the Kamthai, Late Cretaceous polychronous Sarnu-Dandali Alkaline complex, North- West India: evidence for recurrent magmatic pulses and magma mixing	Sudipa Bhunia, N. V. Chalapathi Rao, Debojit Talukdar, Rohit Pandey, Bernd Lehmann
S3P6	Petrography of lamprophyre dykes from the Nongchram fault zone, Shillong Plateau, Northeast India	R.B.Ananth, N.V. Chalapathi Rao
S3P7	Emplacement mechanism of lamprophyre dykes and related alkaline intrusions from the Western Deccan Province: Insights from the magnetic fabric	Amarjeet Bhagat, Ashish Dongre, S. J. Sangode, D. C. Meshram, K. Deenadayalan, M. Venkateswarulu, Anshika Singh
<i>Theme 3: Deccan hosted mineralisation, carbonatite hosted REE and their genesis, laterite and bauxite</i>		
S4P1	An incidence of vanadium-bearing titanomagnetite in the intrusive and lava flows exposed in the North of Tapti Valley, in Deccan Volcanic Province, around Devziri Village, Jalgaon District of Maharashtra, Central India.	Lotan Suryawanshi, Manish M John
S4P2	Geology and Mineralogy of Natural Zeolite from Deccan Volcanic Province, Maharashtra, India	Shweta Suresh Patil, Aditi Mokherjee
S4P3	Signifying concentration of Titanium (TiO ₂) and Vanadium (V) in the part of Konkan area in western ghats of Deccan trap, Maharashtra.	P. Hampaiiah, Vaibhav Jain, Afroz Chishti, Nagendra Kumar Gautam
S4P4	Effects of Iron (as impurity) in imparting colour to the Amethysts from Deccan Basalt	Sayoni Mitra
<i>Theme 4: Paleobiology, sedimentation & paleoclimate including K-Pg boundary</i>		
S5P1	Age and palaeoenvironmental implications of Deccan intertrappean deposits from the Malwa subprovince: New insights from magnetostratigraphy, sedimentology and palynology	Sarvendra Pratap Singh, Mohammad Arif, Arvind K Singh, Shreya Mishra, Vandana Prasad, Vivesh Vir Kapur, Amiya Shankar Naik
S5P2	Climatic Changes during K-Pg transition along east-central part of the Deccan volcanic province: floral evidences.	Abhilash Sen, Bandana Samant, Deepali Thakre, D.M. Mohabey
S5P3	Floral changes in the late Cretaceous intertrappean sediments of the Malwa Group, Madhya Pradesh, India	Neha Thakre, Bandana Samant, D. M. Mohabey, Anup Dhobale

S5P4	Mineral chemistry, stable isotope and trace element stratigraphy across the Late Cretaceous-Early Palaeogene Mahadeo-Cherrapunji section, Meghalaya, India	Sucharita Pal
S5P5	Mineralogical and rock magnetic signals of Deccan volcanism from the Cretaceous-Palaeogene section in Meghalaya, India	D Nag, S.J Sangode, V Prasad, P Uddandam, A choudhuri, S Mandal
S5P6	Palaeovegetational succession and palaeobiogeographic significance of the Maastrichtian flora from the Wardha Godavari Basin, India	Shreya Mishra, Vandana Prasad, Mahi Bansal, Srikanta Murthy, Torsten Utescher
S5P7	Reconstruction of Deccan Volcanism at high resolution using sedimentary Tellurium	Nils Bjoern Baumann, Marcel Regelous, Thierry Adatte, Hassan Khozyem, Tobias Kirchner, Anette Regelous, Karsten Haase
S5P8	Tracking a Deccan-related ocean acidification event in the final ~60 ky of the Late Maastrichtian	Jahnvi Puneekar, Subham Patra, Gerta Keller, Eric Font, Thierry Adatte
S5P9	A new record of dicotyledonous fossil wood from the Late Cretaceous intertrappean sediments of Sarra Pipariya and Bandha area, Mandla District, Madhya Pradesh.	Akash Karande, Bandana Samant, Dhananjay Mohabey, Dashrath Kapgate
S5P10	Role of the Indian subcontinent in the dispersal of ancestral angiosperms: evidences from the Deccan intertrappean flora	Anumeha Shukla, Kajal Chandra, Samiksha Shukla, R.C. Mehrotra
<i>Theme 5: Pre-Deccan platform: hydrocarbon potential and geodynamic influence</i>		
S6P1	Variation in soil aggregation, associated carbon and nitrogen content, and isotopic composition under different vegetation types.	Salam Maheshwori Devi, Shreyas Ramesh Mangave
S6P2	Unlocking CCS Potential: Exploring Deccan Basalt Province for Effective CO ₂ Sequestration in India	Shubhangi Kala, Debasmita Datta, Pankaj Khanna
S6P3	Feasibility study for CO ₂ sequestration in GPB from central Deccan Province	Nitin Nagarkoti, Tanisha Kumar, Prabhat Pandey, Ravi Sharma, Shankar Lal Dangi
S6P4	Characterizing 3D Architecture of Deccan Basalt Flows through Digital Outcrop Model: Case Study from Kumbharli Ghat, Koyna, Maharashtra	Debasmita Datta, Shubhangi Kala, Pankaj Khanna
S6P5	The Deccan Volcanic Provinces, India: Early Mars on Earth	Aditya Das, Subham Sarkar, Dwijesh Ray
S6P7	Morphotectonic analysis of Muchkundi River Basin, Western Ghat, India: Implications to Neotectonic Response	Pratiksha Prashant Bagul, Prafull Kamble, Milind A. Herlekar, Rahi Ilme, Shashank Jalaj, Omkar Parab
S6P8	Identifying the landslide vulnerable areas in Sindhudurg district, Maharashtra, India by integrating the geospatial techniques, AHP and statistical analysis	Amit Vijaykumar Shirke, Samiksha Sandip Gurav, Bhavana Umrikar

S6P9	Hypsometric Integral Analysis Of Asirgarh Deccan Volcanics, Burhanpur District, Madhya Pradesh - A Remote Sensing And Gis Approach	M. M. Deshmukh, S.F.R Khadri, A. D. Fuladi
S6P10	Interpretation of geophysical anomalies through petrological studies in basalt well-core KBH-8, Koyna region, south-west Deccan Traps, India	Tarun C. Khanna, Abhishek Barman, Kusumita Arora
S6P11	Evidences of faulting in a dyke at Ane Ghat, Ahmednagar District, Maharashtra	Madhu D. Rajput
S6P12	Neotectonics Activity in the Suki River Basin of Northern Parts of Deccan Volcanic Province	Himani Jayant Sonawane, S.K. Gaikwad, D.C.Meshram
S6P13	Natural Remanence Acquisition and Paleomagnetic Insights from Deccan Laterites	Jyotibala Singh, N.B Kadam, S.J. Sangode, Firoz Badesab, M. Venkateshwarlu
S6P14	Occurrence of olivine phenocryst rich high-Mg rock of Meimechite affinity in Deccan Volcanic Province and its geodynamic significance	Prashant Dhote, Ashish Dongre
S6P15	Identification of Groundwater Potential Zones in a Deccan Type Terrain in part of Karnataka, India	P. Swarnakar, K. Channabasappa
S6P16	Brittle deformation features revealed from basement drillcore samples in the Koyna Warna seismogenic zone, western India	Najim Mulla, Deepak Wable, Ganesh Shinde, Archan Bhise
S6P17	Unveiling Ocean Acidification and Benthic Foraminiferal Responses at the Deccan Benchmark: Insights from the K-Pg Boundary in Bidart, France	Subham Patra, Kebenle Kesen, Jahnvi Puneekar
S6P18	Carbon capture and utilisation (CCU) potential of biogeochemically active microorganisms from deep biosphere of the Deccan Traps: a geobiological perspective of deep biosphere	Debarshi Mukherjee, Rajendra Prasad Sahu, Swatilekha Sarkar, Deepjyoti Goswami, Plaban Kumar Saha, Sufia Khannam Kazy, Sukanta Roy, Pinaki Sar
S6P19	Palaeomagnetic Results from the Pre-Deccan Lameta Formation, Eastern Deccan Volcanic Province, India	Abhishek Gudadhe, Swapnil Gudadhe, S J Sangode, Nitin Kadam, Paul Lalnuthluanga, Firoz Badesab, D C Meshram
S6P20	Impact of Deccan Volcanism on Reorganization of the Indian plate kinematics	Amarjeet R. Bhagat, S. J. Sangode, Ashish Dongre
S6P21	The Impact of Kerguelen, Marion, and Reunion plumes on Ophiolitic obduction at the northern margin of the Indian plate	Amarjeet R. Bhagat, S. J. Sangode, Ashish Dongre
S6P22	Drift velocity partitioning indicates anomalous high westward drift component for the Indian plate during $\sim 65 \pm 2$ Ma	Amarjeet R. Bhagat, S. J. Sangode, Ashish Dongre