



List of Posters – Group 1 on January 4, 2025

Last Updated: 23rd December 2024

Submission ID	Title of the Poster	Presenting Authors
30	Types of Proofs that Teachers Use While Engaging in an Open Mathematical Exploration	Amish Parmar, Aaloka Kanhere
31	Stars Over the Hills: Enhancing Rural Students Interest in Physics Through Astronomy Outreach	Aasheesh Raturi
39	A Biology Unit to Support NEP and NGSS Aligned Learning	Shraddha Bhurkunde, Vidya Pillai, Sugat Dabholkar
43	Unveiling the Nature of Science: Insights from School Students	Priyanka Kishore, Amlesh Kumar, Somnath Sinha
51	Impact of Language Transition on Teaching and Learning of Mathematics in Kerala: A Preliminary Investigation	Anagha S
57	STEAM Learning at the Foundational Stage: Insights from the Water Table Experiments in Kindergarten	Pragya Singh, Chandrang Pathak
61	Exploring Higher Education (HE) Teachers Attempt to Multidisciplinary Curriculum Design	Sujatha Varadarajan, Prajakta Bhalachandra Kanitkar
71	Using Design Thinking to Develop an Educational Game	Adithi Muralidhar, Sanya Gupta, Shubham Kushwaha

78	From Algorithms to Inquiry: Reintroducing Geometric Constructions through Indian Knowledge Systems	Vinay Nair, Bindu MP
79	Building Teacher Discourse on What is Science and Nature of Scientific Knowledge: A Review of Movie Ek Doctor Ki Maut	Gurinder Singh, Ashutosh Singh, Arzoo Shama, Megha Malviya, Anshuman Raut
81	Enhancing Engagement in Biology: Utilizing Contextual Settings to Spark Interest in Theory and Lab Courses	Sachin Rajagopalan, Niranjana Chavan
82	Igniting STEM Learning Through Rocket Design and Experimentation	Vismay Mori
88	Unpacking Pedagogical Context: An Empirical Study of Middle School Biology Class	Aleem Jafrima
90	Energy Mentors: An Initiative on Collaboration with Academia and Industry to Train Future Energy Professionals	Asad Sahir, Donald Victory, Pushpendra Pal Singh, Dhiraj Mahajan
107	Seeking the Synergy between Biology and Math Education	Jeenath Rahaman
111	Exploring Mathematization Ability of Mathematics Pre-Service Teachers	Kumar Gandharv Mishra, Tarun Kumar Tyagi