



## List of Posters – Group 2 on January 5, 2025

Last Updated: 23rd December 2024

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18	Exploration of Chloroplast Localization in Plant Anatomy Through Hands-On Microscopy Sessions with Secondary Students	Narendra D. Deshmukh, Rani Prasad
25	Using Diagnostic Questions to Analyze Difficulties in Understanding Plant Physiology Among Undergraduate Biology Students	Meena Kharatmal, Aashutosh Mule, Mayur Gaikwad
32	Role Played by Students Prior Knowledge in Classroom Discussions	Sreeja M, Aaloka Kanhere
38	Ocularcentric Science Textbooks: Examining Visual Language and Resources in NCERT Class 6 Textbook	Sarita Devi, Meenakshi R. Ingole
54	Does AI Change our Beliefs?	Mahima Chhabra, Athira R
56	Case Study: B. Sc. Blended - A Unique Interdisciplinary Program with the Soul of NEP 2020	Smita Chaturvedi
72	Exploring Unit Circle and Trigonometric Functions Relations with a Multipronged Educational Approach	Navaneetha Madaparambu Rajan, Deepa Chari

74	Collaborative Setting, Problem Solving and Generic Solutions	Pooja Lokhande, Shweta Naik
84	A Preliminary Study on Intervention: Evolving Technologically Enhanced Learning Units to Build the Skill of Strategizing in Logical and Geometric Problem Solving Among the Learners of Grades 7 to 10	Aparna Vemuganti
86	ICT-Based Pedagogical Approaches for Teaching Sulbha Sutra Geometry	Shivangi Bajpai, Anjali Bajpai
91	Introduction of Systems Thinking Exercise in an Undergraduate Pharmacy Laboratory Course	Shraddha Tiwari
98	Culturally Reproducible STEM Habits and their Role in Development of Critical Thinking Skills	Jaikishan Advani, Shraddha Ghumre
105	Addressing Misconceptions in Buoyancy Through Inquiry and Experimentation	Mukul Mhaskey, Deepa Chari, Navaneetha Madaparambu Rajan, Nilkantha Gholap, Somesh Meena
119	Enhancing Learning in UG Chemistry Laboratories: An Exploration of a Few Alternative Pedagogical Approaches in Indian Context	Vishal Dhavle, Indrani Das Sen, Mohamad Ahmad Siddique, Trupti Londhe, Rushikesh Kale, Sathish C G, Krishnendu Kundu, Ankush Gupta, Savita Ladage
122	Socially Responsible Science Education (SRSE) in Rural Science Classrooms: Challenges, Practices and Teacher Development	Kajal, Sunita Singh

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