

### List of Papers for Paper (Oral) Presentation

Sr. No	Paper-Id	Title	Name	Country
1	38	Indian K-12 Physics Education: The Role of Gender and Language	Himanshu Pandey and Vijay Singh	India
2	39	Orchestrating Dialogic Discourse in Secondary Science Classrooms	Garima Bansal	India
3	41	Children's Funds of Knowledge, and The Role of the School (Among Other Settings), in developing 'Science-Related Capabilities'	Sindhu Mathai	India
4	46	In-Service Teacher Enhancement for Improved Science Curriculum Transaction: The Appalachian STS Project	Pradeep Dass	USA
5	50	An Empirical Study to Evaluate Undergraduate Students' Understanding of 'Sterilization and Disinfection'	Aakanksha Sawant, Swapnaja Patil, Deepti Bhushan Gupta, Jyotsna Vijapurkar and Needa Bagban	India
6	53	“The Soil is Alive!” – Exploring Emergence of Embodied Environmental Sensibilities in an Urban Farm	Deborah Dutta Sanjay Chandrasekharan and Ankush Gupta	India
7	54	Assessing Mathematical Modelling	Xenia-Rosemarie Reit	Germany
8	57	Science for Children: Survey of Tamil Printed Books (1820 –1857)	T.V Venkateswaran	India
9	62	Did Mobile App-Supported Math Trails Increase the Students Motivation?	Matthias Ludwig and Adi Nur Cahyono	Germany
10	64	Probing Students' Understanding of Quantum Mechanical Eigenstates at Tertiary Level	Mahima Chhabra and Ritwick Das	India
11	67	Novel Educational Approach using Parental Occupation Linked Learning for Low Socioeconomic Status Children in India	Lakshya Pawan Shyam Kaura and William H. Marks	India and UK
12	68	Exploration of Students' Understanding of Vector Addition and Subtraction	Usharani D and Meera B.N.	India

13	76	Are We Ready for Technology in Classroom? : University Teachers' Perspective	Mahima Chhabra	India
14	78	Mathematics Training and Talent Search Programme: A Report	Mohan R.	India
15	80	Teaching Feminist Appraisals of History, Philosophy, and Content of Science	Deepika Bansal	India
16	81	Hot Skills Analysis in State Board Higher Secondary Physics Examinations of India	Moheeta Khan and Mohd. Abid Siddiqui	India
17	82	Difficulty, Discrimination, and Successive Discrimination Curve: Insights from Indian National Physics Olympiad Exam 2016	Praveen Pathak	India
18	87	An Exploratory Study about Students' Misconceptions in Chemistry	Ram Babu Pareek	India
19	89	Measuring Practices, Cultural Contexts And Power Relations: A Study in Rural Bihar	Charu Gupta and Md.Jawaid Hussain	India
20	93	Knowledge Demands Placed on a Mathematics Teacher in Learning to Teach Responsively	Shikha Takker	India
21	100	Children as Film Makers	Sachin Datt and Sugra Chunawala	India
22	101	Health Literacy among Adolescents in a Marginalized Community in India	Himanshu Srivastava Tuba Khan and Aswathy Raveendran	India
23	104	Negotiating Complexity While Writing Science Textbooks: A Case Study of a Discourse on Farming Methods	Rosemary Varkey	India
24	110	Additive Model of Language Policy and Hybridity: Glimpses from Numeracy Learning in Early Grades in a South African Province	Arindam Bose and Nosisi Nellie Feza	India and South Africa
25	113	The Question of Value in Science Education	Abhijeet Bardapurkar	India
26	114	South African Science Teachers' Views on Language Use in Science Teaching and Learning: Messages from Literature and Lessons from Classroom Observation	Audrey Msimanga	South Africa

27	116	Mathematics Teachers' Knowledge and Beliefs in Problem Solving	Shweta Naik	India
28	118	An Analysis of Question-Response Sequences in Students' Spontaneous Talk	Gurinder Singh and Karen Haydock	India
29	119	Probing 'Design Thinking' through Simulation Tasks: A Novel Tool to Elicit Thinking Strategies and Principles in Grassroots Engineering Design	Geetanjali, Harshit Agrawal and Sanjay Chandrasekharan	India
30	120	Experiences and Learning from Participatory Action Research with a Local School	Narendra Deshmukh, Shubhangi Bhide, Vinod Sonawane, Sugra Chunawala and Jayashree Ramadas	India
31	121	Teaching Fractions with Meaning: Moving Beyond the Part-Whole Interpretation	Ruchi Kumar	India
32	122	A Critical Evaluation of a Teacher Professional Development Model – A Case Study of a Physics Pre-Service Teacher	Yashwantrao Ramma and Ajeevsing Bhola	Mauritius