

Schedule of the 7th Annual Research Meeting, HBCSE

Day 1 Monday, 24 October 2016	
9:45 am	Opening Address by Prof. Sugra Chunawala
10:00 am	Mickey Mouse and the Big Evil Corporation: Visual Narratives of Environment Charudatta Navare Discussed by Prof. G. Nagarjuna
10:45 am	Interactive Vectors For Model-Based Reasoning Durga Prasad K Discussed by Dr. Aniket Sule
11:30 am	TEA BREAK
12:00 pm	Problem Categorisation in Learning by Doing Sachin Datt Discussed by Prof. G. Nagarjuna
12:45 pm	Building a Low-Cost Michelson Interferometer Shirish Pathare Discussed by Dr. Aniket Sule
1:30 pm	LUNCH
2:30 pm	The Role of Re-representing Linking Words in Concept Mapping for Developing Rigor and Expertise Meena Kharatmal Discussed by Dr. Sachin Datt
3:30 pm	Relationship between Secondary School Students' Educational Aspirations, Educational Resilience, Social Connectedness and Well-being: A Mixed Methods Research Gomathi Shah
4:15 pm	Closing Comments by Prof. G. Nagarjuna
4:30 pm	EVENING TEA

Day 2 Tuesday, 25 October 2016	
10:00 am	Mathematics Teachers' Understanding of Teaching Algebraic Identities Shweta Naik Discussed by Prof. K. Subramaniam
10:45 am	Understanding and Facilitating Knowledge Generating Practices in a Laboratory Environment Shraddha Ghumre Discussed by Dr. Shubhangi Bhide
11:30 am	TEA BREAK
12:00 pm	Doing Technology as if Ecology Mattered: Moving beyond Engineering Efficiency towards Education Aimed at "Solving for Pattern" Geetanjali Date and Deborah Dutta Discussed by Prof. K. Subramaniam
12:45 pm	A First Look at Second Year College Students' Understanding of Some Topics in Biology Aakanksha Sawant and Swapnaja Patil
1:30 pm	LUNCH
2:30 pm	Effectiveness of a Cyber Bullying Sensitization Program (CBSP) for Enhancing Sensitivity towards Cyber Bullying among Secondary School Students Surabhi Negi Discussed by Dr. Sunita Magre
3:15 pm	Science Education and the Possibility of Social Transformation: Analyzing Educational Experiences of Adolescents from the M (East) Ward, Mumbai Himanshu Srivastava Discussed by Prof. Jyotsna Vijapurkar and Aswathy Raveendran
4:00 pm	Futures Orientation in the Discourse around Agriculture in Kerala School Science Textbooks Rosemary Varkey Discussed by Aswathy Raveendran
4:45 pm	Closing Comments by Prof. Sugra Chunawala
5:00 pm	EVENING TEA

Day 3 Wednesday, 26 October 2016	
10:00 am	Assessing the Test: Insights from Physics Olympiad Exam Praveen Pathak Discussed by Prof. K. Subramaniam
10:30 am	Interactivity is Necessary, but not Sufficient, for Imagination-Based Integration of Multiple External Representations Prajakt Pande and Adithi Kothiyal Discussed by Shweta Naik
11:30 am	TEA BREAK
12:00 pm	Probing 'Design Thinking' through Simulation Tasks: A Novel Tool to Elicit Thinking Strategies and Principles in Grassroots Engineering Design Geetanjali Date Discussed by Shweta Naik
12:45 pm	Development and Impact of Self-Directed Learning Package on Learning Readiness, Knowledge Management and Learner Empowerment of Student Teachers: A Mixed Method Study Kalpana Chavan Discussed by Dr. Sybil Thomas
1:30 pm	LUNCH
2:30 pm	Ableism and the Dialectical Nature of Mathematical Knowledge Rossi D'Souza Discussed by Dr. Sachin Datt
3:15 pm	Perception of Global Citizenship among Secondary School Students in relation to Critical Thinking, Social Justice and Service Learning Priti Sivaramakrishnan Discussed by Dr. Sybil Thomas
3:45 pm	TEA BREAK
4:15 pm	Student Questioning: A Way to Engage Students in Argumentative Discourse Gurinder Singh discussed by Shweta Naik
5:00 pm	Understanding Various Instructional Styles in Chemistry Laboratory Sujatha Varadarajan discussed by Gomathy Shridhar
5:45 pm	Closing Comments by Prof. K. Subramaniam