

### BESTM Project details

Sr. No.	Name	Project Titles	Group	Mentor
1	Pravin Shinde	To study the impact of low-cost study material in teaching of science	Development of low-cost science experiments at secondary level	P. K. Joshi & Prakash Nawale
2	Rajdeep Kaur	Development of low-cost material for enhancing science learning process	Development of low-cost science experiments at secondary level	P. K. Joshi
3	Snehal Choudhary	Probing the impact of medium of instruction on Force Concept Inventory (FCI) using Item Response Curve (IRCS).	Student misconceptions, concept inventories and peer learning in physics	Praveen Pathak & K. K. Mashood
4	Dr. Vimal Kumar	Introducing misconceptions research and concept inventories to teachers	Student misconceptions, concept inventories and peer learning in physics	K. K. Mashood
5	Sanjay Sharma	Investigating teacher perception of derivations in physics as a mathematical modelling activity	Student misconceptions, concept inventories and peer learning in physics	K. K. Mashood
6	Muhammed Rafeek E. K.	Introducing modern technology in physics laboratory work at Higher Secondary Level.	Experimental physics education projects	Shirish Pathare
7	Vinay Bapu Ramesh	Exploring the students' conceptual understanding of redox reactions and electrochemistry using POE approach	Development of experimental modules for chemistry laboratory	Savita Ladage
8	Sandip Dutta	Introducing scientific method of doing laboratory experiments through POE strategy to higher secondary students of JNV Changlang, Arunachal Pradesh	Essential experimental techniques of current biology	Anuttama Kulkarni
9	Meenu Rani	Essential experimental techniques of current Biology	Essential experimental techniques of current biology	Anuttama Kulkarni
10	Dr. Sudhir Verma	Exploring students' conceptions about natural selection at Undergraduate Level	Developing resources for biology education	Meena Kharatmal, Nagarjuna G. & M.C. Arunan
11	Mayur Gaikwad	Studying students' conceptual understanding of evolution through the role of online/offline lab discourse in collaborative learning environment	Developing resources for biology education	Meena Kharatmal, Nagarjuna G. & M.C. Arunan
12	Dr. Kalpana Maski	Effectiveness of computer-based simulations on conceptual understanding of thermodynamical processes in higher secondary students at Demonstration Multipurpose School, Bhopal	Computer simulations and ICT for science and mathematics education	Surendra Patil & Nagarjuna G.

<b>Sr. No.</b>	<b>Name</b>	<b>Project Titles</b>	<b>Group</b>	<b>Mentor</b>
13	William Doyle	Effectiveness of computer-based simulations on conceptual understanding of thermo-dynamical processes in Higher Secondary students at JNV, Mahe	Computer simulations and ICT for science and mathematics education	Surendra Patil & Nagarjuna G.
14	Sreeja V	Making invisible visible	Tinkering Space	Ashish Pardeshi, Jude Dsouza, Surendra Patil & Nagarjuna G.
15	Bharath A.J.	Exploring Multidisciplinary Learning in Project-based learning Context	Tinkering Space	Ashish Pardeshi, Jude Dsouza, Surendra Patil & Nagarjuna G.
16	Abhaya Kumar Kar	Understanding numbers in the context of the Santhal and the Munda Tribes in Odisha	Mathematics education	Aaloka Kanhere
17	Arun Bais	'Video Samuh': A place for development of professional skills	Mathematics education	Shweta Naik
18	Harshada Salunkhe	Developing students' mathematical proficiency in the context of volume of a cube and cuboid in a conceptually and pedagogically creative way to develop stronger understanding	Mathematics education	Shweta Naik
19	Preeti Nanda	To study the Pedagogical Content Knowledge (PCK) of teachers in teaching basic geometry at the upper primary level.	Mathematics education	Shweta Naik
20	Neeta Batra	Teaching-learning trajectory for geometry at the elementary level based on design-based research.	Mathematics education	Shweta Naik & Harita Raval
21	Pushpanjali Bhagat	Language of textbook in pedagogic discourse of science: a study of grade 6 science textbook in linguistically diverse classroom in Delhi	School Science Research and Development Project	Sugra Chunawala & N.D.Deshmukh
22	Ankita Chaturvedi	A study of teachers and students' perception of the use of activity-based science kit for grade VI	School Science Research and Development Project	Sugra Chunawala & N.D.Deshmukh
23	Manju Chauhan	An exploratory & longitudinal study on grade 9 students' conceptions about light and diagrammatic representations	School Science Research and Development Project	Sugra Chunawala & N.D.Deshmukh
24	Raghvi Gupta	A study of pedagogic strategies aimed at encouraging students' questions	School Science Research and Development Project	Sugra Chunawala & N.D.Deshmukh