

NATIONAL CONFERENCE ON MATHEMATICS EDUCATION

Acceptance List

Sl.No	Theme 1: Traditional knowledge in Mathematics Education	
1	i. Raj Ballav Panda ii. Meenakshi Singh	Teachers' Perception on Vedic Mathematics
2	Dr. S. Bharathi	National Education Policy (NEP) 2020 and Mathematics Education: Role of Vedic Mathematics in Ancient India.
3	V. Bhargavi	Traditional Knowledge in Mathematics Education: "Vedic Mathematics".
4	i. Ravi Asrani ii. Shashikant Chitnis	An Analytical And Experimental Study Of The Impact Of Vedic Maths On Students In Skill, Comprehension, Problem Solving Speed and Efficiency In Mathematics After Learning And Practicing Basics Of Vedic Mathematics.
5	i. G.Selvakumar, ii. S.K.Saravanan iii. Dr.B.J. Murali	Innovative practices in Mathematics Education • Best practices in Preparatory Stage Education Middle Stage Education Secondary Education Teacher Education.
6	i. Dr. Ashutosh Tiwari ii. Dr. Narendra Kumar Pathak	Traditional knowledge in Mathematics Education Development Ancient Mathematics in India.
7	Ambika Kumari	Traditional Knowledge in Mathematics Education.
8	i. Manish Kumar ii. Dharmendra Kumar Sarraf	Importance of Tribal Culture in Fostering Mathematics Education among Tribal Students with Special reference to NEP, 2020.
9	i. Garima Gupta ii. Dr. Dori Lal	Reimagining Mathematisation through Indigenous Games in a Maths Classroom.
10	Dr. Sahadev Behera	Study on Importance of Vedic Mathematics in School Education.
11	i. Pritam Pyne ii. Subhadip Ghosh	Rediscovering Indian Indigenous Knowledge System (IKS): The Journey of Vedic Mathematics.
12	Adhithi Sowmian	Traditional Knowledge in Mathematics: A Thematic Study On The Traditional knowledge In Mathematics Education
Theme 2: Mathematics in School Curriculum		
13	Dr. Snigdha Panda	No Mathematics, Please Tell me a Story
14	i. Dr. Amit Agrawal ii. Ishank Agrawal	Analysis of Toy-Based Pedagogy for Secondary Mathematics Students.
15	i. Kartikey Agrawal	Changes and Extensions to the VIRTUAL

	ii. Abhishek Kumar	Classroom Environment during Lockdown
16	S. Simon Peeter Paul	Integrating Environmental Studies and Mathematics: Fostering Environmental Awareness and Analytical Skills in Primary Education.
17	Dr. Kishor Jaydas Nikhare	Bridging the Learning with Essential Concepts in Mathematics.
18	Dr.Kowshik.M.C	A Study on Effectiveness of Advance Organizer Model on Traditional Method of Teaching in Mathematics.
19	Bikash Kumar	Analytic and Synthetic Method in Mathematic Teaching.
20	i. K. Kumaravelu, ii. Dr.B.J. Murali iii. N. Kaliyappan	Assessment with First Order Ordinary Differential Equations Using Foss Geogebra Software in High School Mathematics Education.
21	Mallikarjun Sudi	Technology Is A Necessity For Mathematics Learning For Slow Learners.
22	i. Ishank Agrawal ii. Kartikey Agrawal	Role of ChatGPT AI in Mathematics Teaching and Learning Process under the NEP-2020.
23	A.Sharmila Begum	Enhancing the Comprehension and Visualization of Mathematical Concepts Through The Use Of ICT as a Supporting Tool.
24	Rakhi	Reflecting On The Role Of Assessment In Mathematics: By Analyzing Error In Subtraction.
25	i. Bhaskar Gurramkonda ii. Dr. Vanitha C	Revolutionizing Mathematics Assessment: Exploring Cutting-Edge Approaches at Micro and Macro Levels.
26	i. Ms. Divya Gautam ii. Dr. Sneha Abhishek	Comprehensive Assessment in Mathematics Education: Exploring Practices, Challenges, and Recommendations.
27	i. Akanksha ii. Prakash Chandra Kasera	Diverse Aspects Influencing Foundational Literacy & Numeracy (FLN).
28	i. Pushendra Yadav ii. Prof. P.K. Chaurasia	Use of Concept Mapping as a Pedagogical Tool to Foster Meaningful Learning in Mathematics at the Middle Education Stage.
29	Muzammil Hasan	Foundational Literacy And Numeracy: Engaging With The Terms Being Used In Research Literature.
30	Dr. Ashwani Kumar Garg	A Study of Learning Achievement in Mathematics at Upper Primary Level of Students Residing In Slums of Maharashtra.
31	i. Devesh Yadav	ICT Integration in Mathematics Learning.

	ii. Kajal Khandelwal	
32	Swachhatoya Ghosal	Mathematisation In Relation To Mathematics Achievement of the Secondary Students.
33	i. Anumita Das ii. Pritam pyne	Mathematics Learning in the Artificial Intelligence (AI) Era: Meeting Diverse Needs and Inclusivity of School Students of Secondary Stage.
34	i. Nawazish Parween ii. Divya Gautam	An Examinatory Analysis of Contemporary Patterns in the Utilization of Information and Communication Technology (ICT) Within Mathematics Educational Environments.
35	i. Dr. Ashvin Sudhakar Rao Kinarkar ii. Rajendra Ramhari Tekade	Understanding Learning Of Metre Patti of Students Who Learn In Initial Class of Preparatory Stage in Bandra Tribal Village.
Theme 3: Mathematics Learning - Issues and Concerns		
36	i. Mr. S. Kathar Gani ii. Dr. A. Shyamala Devi	Tamil Nadu State Board Tenth Standard Mathematics Public Board Examination: A Question Paper Analysis on Lots and Hots.
37	Abhishek Kumar	Analytical Study of the Status, Possibilities and Problems of Mathematics Education in Secondary Schools of Uttarakhand.
38	S. Simon Peeter Paul	Bridging Language and Mathematics: A Multifaceted Approach for the Primary School Children.
39	i. Mrs. P.K. Meenakshi, ii. Dr.B.Madhu iii. Dr.K.N.Vidhya	Evaluating and Enhancing In-Service Mathematics Education: Insights, Recommendations, and Program Transformation.
40	Ashish Kumar Srivastava	A Comparative Study to Find the Cube Root of Any Positive Integer by Formulae Method (Based on Bhaskara's Method) and by Horner's Process.
41	i. Mampi Howlader ii. Dr. Puja Sarkar	Visualization of Algebraic Identities using GeoGebra to Students with Learning Disabilities: An Overview.
42	i. Dr. Tapsa Verma ii. Ms. Jyoti Dhingra	To Study the relationship between Language learning & Mathematics Learning.
43	i. R. Nalini ii. Dr.N.Mohanraj	Mathematics Learning – Issues and Concerns: Mathematics for Inclusive Classrooms.
44	Praveen Kumar Mishra	Mathematics Learning - Issues and Concerns: Social and Psychological Barriers in Mathematics Learning and Interventions.
45	L. Jacqueline Mary	Moulding the social /psychological skills

		of a child through Mathematics Education.
46	i. Abhinav Sharma, ii. Ritik Roshan Mohanty Dr. B. G Madhu	Problems faced by students of Undergraduate Courses in the conceptual understanding of Epsilon Delta Definition.
47	Mansi Gundhrva	Analyzing Indian mathematics textbook in the light of Van Hiele model of geometric learning.
48	i. Seema Lathkar ii. Sneh Sharma	Novel approach of problem based learning in Mathematics through modelling – Some dominant instructional facts.
49	i. Nawazish Parween ii. Vaishnavi Tyagi	Examining Curriculum Accessibility for Visually Impaired Secondary Grade Maths Students.
50	i. Vaishnavi Tyagi ii. Nawazish Parween	A Case Study To Investigate The Issues And Challenges Faced By Visually Impaired Students In Dealing With Statistical Concepts At Middle Grade.
51	i. Sonu Singh Kushwaha ii. Divya M V	Teachers' Attitude towards Developing Self-Learning Support System for Mathematics School Students.
Theme 4: Innovative practices in Mathematics Education		
52	Tarun Kumar Tyagi	Promoting Equity in Mathematics Classroom through Multiple-Solution Problems.
53	i. R. Adhikesavan ii. J. Saral	Innovative Teaching Methods for Effective Math Instruction.
54	Mr. Mukund Kumar Jha	Significance of card games for development of numeracy skills at foundational and preparatory Stages.
Theme 5: Recent development in Mathematics Education		
55	i. Prakash Chandra Kasera ii. Akanksha	Improving the Assessment System: Holistic Progress Card (HPC).
56	L. Jacqueline Mary	Nurturing mathematical thinking through experimental assessment Techniques.
57	Rahul Paul	Revolutionizing Mathematics Education: Exploring the Latest Trends in Research and Experimental Learning.
58	i. Mr. S. Kathar Gani ii. Dr. A. Shyamala Devi	Awareness on Stem Education among Higher Secondary Mathematics Teachers.
59	i. Krithika Maduvegadde Chidananda ii. Amruth G. Kumar	Exploring Computational Thinking Skills among Primary School Students in Karnataka: A Gender and School Type Analysis.
60	i. Ekta Maheshwari ii. Dr. Ashwani Kumar Garg	Experiential Learning: Making Mathematics Teaching Learning More Effective.
61	i. Arvind Kumar ii. Suchinmoyee Mishra	Pupil Teachers' Conceptions of Classroom Assessment in Mathematics Subject: A

		Case Study of Rayagada District Odisha.
62	i. Beena Prakash ii. Jose J. Kurisunkal	Mathematics Education: A Foundation for Critical Thinking and Problem-Solving.
63	i. Dr. Ajita Deshmukh ii. Ms. Tejinder Kaur	Ace the Basics: Case study of Learning Mathematics through a Card Game.
64	i. Rajasree Vengayil ii. Amruth G. Kumar	Exploring Computational Thinking Skills among Primary School Students in Kerala: A Gender and School Locale Analysis.
65	i. Pragma Gupta ii. Tarun Kumar Tyagi	Thinking Mathematically: Application of Mathematics in Everyday Life.
66	i. Anni Kumar ii. Teena Solanki	Crunching Numbers Creatively: Promoting Mathematical Literacy through Coding.
67	i. Ms. Alona Biswa ii. Dr. Tulika Dey	Content Analysis of a Mathematics Textbook of Class 6 in the State Of Meghalaya.
68	Mr. Mithlesh Kumar	Enhancing Spatial Reasoning Skills: Investigating Strategies for Finding and Reducing Secondary Students' Alternative Frameworks in Locating a Point (x, y) on Coordinate Axes and Identifying the Quadrant.
69	Minati Paul Dev	A Study on the Issues and Challenges in Developing Learning Outcomes in Numeracy at Foundational Stage: The Case of Lab Area Schools of Diet, Bongaigaon.
70	i. Nayanjyoti Kalita ii. Ankur Nath iv. Riya Singh iv. Zahirul Alam Laskar	Content Analysis of MBOSE Mathematics Textbook of class IX
71	i. Divya Gautam ii. Sonali	Exploring Game-Based Learning in Mathematics Education: A Systematic Review.
Theme 6: Learning Resources for Mathematics Education		
72	Dr. S.Singaravelu	Exploring Traditional Tamil Nadu Games as Tools for Primary-Level Mathematics Learning.
73	Dr. Chandan Kumar Mondal	Integrating Arts into Mathematics Teaching- Learning: An Exploratory Study.
74	Kumar Gandharv Mishra	What Goes Behind Popular Mathematics Tricks?
75	Shahnaz	Incorporating Toys in the Teaching of Mathematics at the Foundational Stage
76	Mahendra Singh Rana	Teaching Of Mathematics through Toys and Games
77	Mahendra Singh Rana	Origami: An Effective Tool for Enhancing Mathematics Learning At Primary Level

		Students.
78	Dr. T N Kavitha	Enhancing Mathematics Education through Activity-Based Teaching.
79	i. N Balaji Babu Rao, ii. Dr.Sujatha.B.H iii. M Pavan Kumar	A Study on Teaching Mathematics Using Arts Integrated Learning Angles-Yoga”.
80	i. Nirupama ii. Surabhi Chawla	Mathematics in Stories: Teaching Mathematics through Stories at the Foundational Stage of School Education.
81	B. Sasireka	Exploring Mathematics through Cardboard Creations.
82	Dr.S.Vijayakumar	Promoting Pattern Recognition Skills in Fifth-Grade Mathematics through Activity-Based Teaching.
83	i. Prachi Bhagwani ii. Dr. Ashwani Kumar Garg	Toy – Based Pedagogy (For Mathematics): Learn With Fun.
84	i. Miss. Purva Sawant, ii. Govind Bisen iii. Laxmi Thakur	Overcoming The Alternate Conception About The Trajectory Of Quadrilateral By Applying RME: Integration Of Technology I.E. Geogebra Software And Origami-Based Tasks.
85	i. Sundaram Lingappan ii. Krishnaveni Nagappan	Exploring the Pedagogical Potential of Spin Art Motion on Concentric Circle: Enhancing Secondary Level Mathematical Education through Creative Skill Development”.
86	i. Divya Gautam ii. Shivakshi Bhardwaj	A Novel Teaching Learning Resource for Enhancing Understanding of the Relationship between Cartesian product, Relations and Functions.
87	i. Rachana Verma Dr. Ashwini Kumar Garg	Making Mathematics Live through Activities.
88	i. Sipaas Usmani Nawazish Parween	Exploring Educators' Views on the Newly Developed Visual Proof Kit for Mathematics Instruction.
89	Ms. Nisha Negi	The Power of Narratives: Role of Stories and Poems in Mathematical Learning at foundational and preparatory stages.
Theme 7: Professional Development of teachers		
90	Mansi Popli	The Conception of Mathematical Communication in Pre-Service Teachers.
91	i. M. Prithikadharsini ii. Dr.B.J. Murali iii. K.Kumaravelu	Integrating Gamification And Brain Based Approach With Teaching, Learning And Assessments Of Limits And Continuity Of Functions Of One Or Two Variables Using The Foss ICT Tool Geogebra In The Higher Secondary Classes.
92	Tamanna Batra	Exploring Pre-Service and In-Service Teacher’s Perspectives in Lesson Planning

		of Mathematics.
93	T. P. Sarma	Planning for Effective Teaching of Mathematics at Elementary Level

Note:

- 1. All paper presenters are requested to bring 2 hard copies of their Paper.**
- 2. Fooding and Lodging will be provided from Dec 19th - 23rd, 2023.**
- 3. Printout tickets should be carried by the participants.**
- 4. The Certificates for presentation of papers will only be given during the Valediction session.**

