

विद्यया ऽ मृतमश्नुते



एन सी ई आर टी
NCERT

10th National Conference

on

Mathematics Education

20 - 22nd, December 2021

At

RIE, Mysuru



Organised By
Regional Institute of Education (NCERT)
Mysuru - 570 006

About the Institute

Regional Institute of Education, Mysuru (NCERT) established on August 1, 1963, is one of the five such Institutions established by the National Council of Educational Research and Training (NCERT), New Delhi. The RIE, Mysuru caters to the educational needs of the southern states of Telangana, Andhra Pradesh, Karnataka, Kerala, Tamil Nadu, Union Territories of Puducherry and Lakshadweep. The Regional Institutes of Education (RIEs) (formerly known as Regional Colleges of Education), were started with the main objective of qualitative improvement of school and teacher education through innovative pre-service and in-service teacher training programmes and relevant research, development and extension activities. RIEs are also engaged in counsellor education programmes (both pre-service and in-service) at the school sector. The other constituent units of NCERT are NIE New Delhi, CIET New Delhi, PSSCIVE Bhopal, RIE Ajmer, RIE Bhopal, RIE Bhubaneswar and NERIE, Shillong.

Initiatives of NCERT

The National Council of Educational Research and Training (NCERT) is an autonomous organisation setup in 1961 by the Government of India to assist and advise the Central and State Governments on policies and programmes for qualitative improvement in school education. Major objectives of the NCERT and its constituent units are to undertake, aid, promote and coordinate research in areas related to school education; Prepare and publish model textbooks, supplementary material, newsletters, journals and other related literature; Organise pre-service and in-service training of teachers; Develop and disseminate innovative educational techniques and practices; Collaborate and network with state educational departments, universities, NGOs and other educational institutions; Act as a clearing house for ideas and information in matters related to school education; Act as a nodal agency for achieving goals of universalisation of elementary education.

About the Conference

There is a need for a wider discussion of the social, ethical, and political dimensions of Mathematics Education for disseminating theoretical frameworks, discussing methodological issues, sharing and discussing research, planning for action and the development of a strong research network on Mathematics Education. The main goal of Mathematics Education is to develop the ability of mathematization of the child's thinking. Clarity of thoughts and pursuing assumptions to logical conclusions is central to the mathematical enterprise. Mathematics Education provides the opportunity to handle abstractions and develop problem solving and decision making abilities.

The National Education Policy 2020 has come up with many newer and much demanded recommendations emphasizing developing strong literacy and numeracy foundation so as to make Mathematics learning more meaningful to the students. The focus is now on the development of competencies by ensuring well-defined class-specific outcomes. Despite current difficulties, continuing to make progress by strengthening and developing new educational programs is crucial for every society. Thus, during this critical period of the pandemic, it is important for math educators to discuss the new opportunities, approaches, and challenges that are emerging in the field and ways to integrate new educational approaches into Mathematics teaching and learning.

This conference intends to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of Mathematics Education and Learning. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Mathematics Education and Learning.

National Conference on Mathematics Education is organised in NIE and various constituent units of NCERT during December every year. The 9th National Conference was held at RIE Bhopal in December 2020 in online mode. This year, the conference will be held at RIE Mysuru during 20-21, December 2021. The conference will be held offline/online mode depending on the pandemic situation and the Government Guidelines.

Objectives of the Conference

The Conference is aimed at knowing the current practices in school education programme with specific focus on the following:

To propagate the vision of Mathematics Teaching as per the NEP 2020 among the Mathematics teachers and teacher educators; To provide best practices of teaching Mathematics; To share the state initiatives in preparation of textbooks with local content and flavour as NEP 2020 envisioned and to provide the teachers to share their experience in using the technology in Mathematics teaching during the period of pandemic and hindrances and concerns about issues of online education like digital divide.

Themes and Sub Themes

Themes and Subthemes for the 10th National Conference on Mathematics Education

I. Mathematics Education from the perspective of NEP 2020

- (1) Development of Mathematics Education in India.
- (2) Issues and challenges to Mathematics Education with reference to foundational numeracy
- (3) Impact of NEP 2020 reforms on Mathematics Education
- (4) Strategic planning and use of Mathematics Text Books
- (5) Assessment in Mathematics in the light of NEP 2020
- (6) Indigenous knowledge system in Mathematics
- (7) Professional Standards and Quality concerns in Mathematics Education

II. Innovations in teaching of Mathematics.

- (1) Exploring Digital Domain for result oriented Mathematics Education
- (2) Innovative instructional designs to address digital divide
- (3) Propelling pedagogical issues and initiatives
- (4) Reflections on the action research in Mathematics
- (5) Roadmap to inclusiveness in Mathematics Education
- (6) Pedagogical Dimensions of Pure and Applied Mathematics

III. Mathematics and New Generation Skills

- (1) Innovations in skill oriented Mathematics
- (2) New generation literacies and Mathematics Education
- (3) Action skills towards Mathematization
- (4) Problem solving skills in Mathematics.

IV. Learning Resources for Mathematical pedagogical processes

- (1) Path breaking in Mathematics Teaching via Technology Tools
- (2) Establishing Mathematics labs in schools-issues and challenges
- (3) Effective utilisation of Mathematics kit in Schools
- (4) Teaching Mathematics through Toys

V. Professional development of Mathematics teachers

- (1) Issues and Concerns of Pre-service Teacher Training before and during pandemic
- (2) Future perspectives on In-service Teacher Training
- (3) Aspirations and Career canvas in Mathematics

VI. Popularisation of Mathematics teaching among school children

- (1) Mathematics Park, Club and Discussion Forum at Schools
- (2) Gamifications and Brain based Tools for Easy Mathematics
- (3) Mathematics Olympiad- Indian Scenario
- (4) Maths magazines and Journals
- (5) Decentralized Participatory Attempts to popularize Mathematics Teaching
- (6) Co-scholastic Domain in Mathematics
- (7) RAA initiatives of Mathematics
- (8) Mathematics of everyday life

Regional Institute of Education, NCERT, Mysuru

10th National Conference on Mathematics Education

20th December 2021

INAUGURAL SESSION

**Venue : A V Hall
am**

Time : 9.30 to 11.00

Invocation	:	Institute students
Welcome Speech	:	Prof G V Gopal <i>Dean (Instruction), RIE, Mysuru</i>
Briefing about the Conference	:	Dr Madhu B <i>Programme Coordinator</i>
Inaugural Address	:	Prof R Ramanujam <i>Retd Professor, The Institute of Mathematical Sciences, Chennai and Former Chairperson of the National Focus Group on Mathematics Education</i>
Presidential Remarks	:	Prof Sridhar Srivastava <i>Director, NCERT, New Delhi</i>
Message from Principal	:	Prof Y Sreekanth <i>Principal, RIE, Mysuru</i>
Vote of Thanks	:	Prof C Padmaja <i>Head, Dept. of Extension Education RIE, Mysuru</i>

Link for the Inaugural Session:

<https://riemysore.webex.com/riemysore/j.php?MTID=m2e44440cdb6cb3ea6d4e84cb52c68b48>

Day 1 - 20/12/2021

- **Keynote Address 1 - Speaker - R. Ramanujam** Retired Professor Of Institute Of Mathematical Sciences, Chennai - **11:30 am To 1:00 pm**
Topic : Mathematics Education For The 21st Century.
Introducing The Chairperson And Guests - Dr. Madhu B
Chairperson: Prof.A.K.Rajput, NIE, New Delhi.
Rapporteur: Ghazia, Akhila, Sneha
- **Keynote Address 2 - Speaker - Prof Hukum Singh** , Retired Professor, NCERT - **2:00 Pm To 3:30 Pm**
Topic : Learning Resources for mathematical Pedagogical processes.
Introducing The Chairperson And Guests - Dr. Madhu B
Chairperson : Prof.A.K.Wazalwar, NIE New Delhi
Rapporteur: Gopika, Krishna Priya, Anjana

Paper Presentation 1: 3:45 Pm To 5:15 Pm

Three Parallel Session

- **Session 1 - Theme - Mathematical Education From The Perspective Of Nep 2020** - 10 Papers.
Chairperson : Prof .B.S.P Raju, Retired Professor RIE, Mysore
Moderator: Dr [Raman Namboodiri C K](#)
Rapporteur: Esha, Sadhana, Nagavarshini

Link to Join -

<https://riemysore.webex.com/riemysore/j.php?MTID=m2e44440cdb6cb3ea6d4e84cb52c68b48>

Participants :

1. **Adarsha B J - RIEM, Mysuru**
Title :“Foundation Numeracy and Literacy-Perspective NEP 2020”
2. **Dr.Rekha Rani Kapoor - SCERT, New Delhi**
Title: Reflections On Development of Locally Contextualised Teaching -Learning Material In Ensuring Foundational Literacy And Numeracy
3. **Mansi Popli - NCERT, Sri Aurobindo Marg, New Delhi**
Title :Foundational Numeracy: Its Meaning And The Road Ahead
4. **Trisha Banerjee - Central University of South Bihar, Gaya**
Title :Issues And Challenges To Mathematics Education With Reference To Foundational Numeracy: Teachers’ Perspective
5. **Dr. B. S. Sudhindra - Formerly OSD & Director IGNOU**
Title :At-No-Extra-Cost To Edu. Dept And Parent’s Pocket Everyone Can Do Maths Problem Solving Using The Folk-Cap Way.

6. **Mukta Hulyalkar - Vidya Pratishthan's English Medium School, Vidyanagari, Baramati, Pune, Maharashtra**
Title : Bridging Nep And Mathematics Education For English Medium Learners.
7. **N.Harini - Demonstration School, Regional Institute Of Education Manasagangothri , Mysuru**
Title: Paradigm Shift In Assessment Techniques Adopted In School Mathematics In The Light Of Nep 2020.
8. **Firdaus Tabassum - Mogla Khar**
Title: Revisiting Assessment In The Light Of National Education Policy-2020: An Analysis Of Mathematics Textbooks Of Elementary Level
9. **P Devraj - Cosmic Maths Foundation**
Title : Indigenous Methods To Find Surface Area And Volume Of A Sphere
10. **Dr.T.P.Sharma - RIE, New Delhi**
Title : Impact Of National Education Policy 2020 In Mathematics Education.

- **Session 2 - Theme - Mathematics And New Generation Skills - 9 Papers.**
Chairperson: Dr. T.V.Somashekar, RIE, Mysore.
Moderator: Dr Vidya V N
Rapporteur: Neetu, Anjali, Sithara

Link to Join:

National Conference on Mathematics Education, RIE(NCERT) Mysuru
Monday, December 20 · 2:45 – 7:15pm
Google Meet joining info
Video call link: <https://meet.google.com/xbo-mtzt-owx>
Or dial: (US) +1 856-500-3563 PIN: 797 356 190#

Participants:

1. **Dr Shaheen Parveen Inamur Rahim - Maulana Azad National Urdu University, Hyderabad College Of Teacher Education, Aurangabad**
Title : Teaching Mathematical Concept In Teaching Learning Strategy Using Scaffolding.
2. **Sanjit Kumar Mohanty - B.S Degree College, Jajpur**
Title : A Mixed Quadrature Rule By Blending Lobatto Four-Point Rule And Clenshaw-Curti's Five-Point Rule For Approximate Evaluation Of Real Definite Integrals
3. **K.Thirumurugan - Government Higher Secondary School, Vazhuthavur, Villupuram Dt, Tamilnadu**
Title : A New Pattern To Construct Third Order (3×3) Magic Square

4. **Namala Charanya - Regional Institute of Education (NCERT) Mysore**
Title : Mathematical Anxiety As A Function Of Mathematical Creativity: An Investigation On Gender Differences
5. **V Padma Priya - Government Nehru Memorial High School, Malakpet, Hyderabad.**
Title : The Effect Of Innovative Teaching Strategies In Comprehending Verbal Problems In Mathematics Of 8th And 9th Grade Students - An Experimental Study.
6. **Mohan Sharma - V.P.O Indpur, Tehsil Indora**
Title : A Study Of Difficulties Faced By Children In Learning Limit At Class Xi And Its Remedial Measure
7. **Laishram Nirtish Singh - Manipur University, Canchipur**
Title: Relationship Between Problem-Solving Ability And Mathematics Anxiety Among Secondary School Students
8. **D Gurudeepa - Ghs K, Chettikulam ,Aruppukottai, Virudhunagar**
Title: Simple Formulae Using Cot θ To Solve Heights And Distances Problems In Trigonometry (Feel Cool Trigonometry)
9. **Nand Kishor Kumar - St Paul Teachers Training College Birsinghpur Samastipur**
Title: Effectiveness Of Data Mining Techniques In The Learning Of Mathematics With Understanding

- **Session 3 - Theme - Popularisation Of Mathematics Teaching Among School Children**
- 10 Papers.
Chairperson: Dr. Saurabh Kapoor., RIE Bhubaneswar
Moderator: Mr Raghu V D
Rapporteur: Madan, Damrudhar

Link to Join:

National Conference On Mathematics Education, RIE(NCERT), Mysuru

Monday, December 20 · 2:45 – 7:15pm

Google Meet joining info

Video call link: <https://meet.google.com/bmf-miiu-jak>

Or dial: (US) +1 413-327-0972 PIN: 235 674 988#

Participants:

1. **Vijaypal Singh - Gmssss Ateli, Distt.- Mahendergarh**
Title : Decentralized Participatory Attempts To Popularize Mathematics Teaching.
2. **Sri Venkata Satya Suryanarayana Murty - Z.P.P. Boys High School, Amalapuram, East Godavari District.**
Title : Co - Scholastic Domain In Mathematics.
3. **Sharath Kumar C R - Dos In Education, University Of Mysore, Mysuru**
Title: "Role Of Rashtriya Avishkar Abhiyan (RAA) Towards Nurturing A Sprit Of Inquiry And Creativity In Learning Mathematics"
4. **Dr. Sanjeev Kumar - District Institute Of Education And Training (DIET) Shimla At Shamlaghat.**
Title: Innovative Practices In Mathematics Education Under Rashtriya Avishkar Abhiyan (RAA) In Shimla District Of Himachal Pradesh: Before And During Covid-19
5. **Sharmila Begum A - Govt.Hr.Sec.School, Bommahalli ,Karimangalam Block, Dharmapuri District**
Title: Mathematics In Everyday Life Is Also A Tool To Solve Our Problems.
6. **Ravi Asrani - Omni Vedic Ganit Sansthan, 127 Indira Gandhi Nagar, Indore Nagar**
Title: Maths Is Everywhere
7. **Kritika Chitkara - Cluster Innovation Centre, University Of Delhi,**
Title: Contextual Approach To Teaching Middle School Mathematics In Indian Classrooms
8. **Ahmad Husain - College Of Teacher Education Bhopal, MANUU Hyderabad**
Title : Effect Of Creative Teaching Strategy In Eliminating Mathematics Threats Among The Secondary School Students
9. **Dr.Ashwani Kumar Garg - RIE, Bhopal**
Title: A Study Of The Level Of Achievement In Mathematics Learning For Class 8 And 9 Students
10. **Mr.Aji Thomas - RIE, Bhopal**
Title:A Study Of The Performance In Mathematics At Upper Primary And Secondary Level Students

Day 2 - 21/12/2021

Keynote Address 3 - Speaker - Dr. Shailesh Shirali , Director Of Sahyadri School KFI, Pune - **9:30 Am - 11:00 Am**

Topic : " Using Historical Themes In The Teaching Of School Mathematics".

Chairperson : Dr.Vijayan K , NIE New Delhi

Moderator: Mr Raghu V D

Rapporteur:Mithun, Abhay, Vinay

- **Keynote Address 4 - Speaker -Mr. Anvar Sadath**, Executive Officer , KITE, Kerala - **11:30 Am To 1:00 Pm**

Topic: Handling Digital Divide in Mathematics.

Chairperson : Prof.P.K.Chaurasia, RIE,Ajmer

Moderator: Dr Vidya V N

Rapporteur:Chaitanya, Deepika

Paper Presentation 2- 2:00 Pm - 3:30 Pm

Three Parallel Session:

- **Session 1 : Theme - Innovations In Teaching Of Mathematics - 9 Papers**

Chairperson: Prof B.S.P. Raju, Retired Professor RIE, Mysore

Moderators: Dr Raman Namboodiri C K

Rapporteur:Anjali, Rakshitha

Link to Join :

<https://riemysore.webex.com/riemysore/j.php?MTID=m2e44440cdb6cb3ea6d4e84cb52c68b48>

Participants :

1. **Blessie Rebecca Rajendiran - Kendriya Vidyalaya Jipmer Campus, Puducherry**
Title:Enriching Mathematical Skill For Grade Ix Students Using Geozeno 5.0-A Study.
2. **Charles Paul P - District Institute Of Education And Training Lawspet Puducherry**
Title :Innovative And Effective Digital Classroom Transaction Using Fx Solver For D.El.Ed Students– A Study
3. **Niveditha D - Kendriya Vidyalaya Rubber Board Kottayam**
Title: How Students Get Benefited From Vedic Mathematics: Our Experience
4. **Vijayalakshmi S - Govt.High School, Vannivedumottur Walajapet,Ranipet District.**
Title:Innovation In Teaching Of Mathematics
5. **Dr.Biju K - Central University Of Tamil Nadu**

Title: Innovative Instructional Design To Address Digital Divide Through Flipping Mathematic Class Rooms

- 6. Amlesh Kumar - Regional Institute of Education (NCERT), Bhubaneswar, Odisha**
Title: Pedagogical Practices Adopted In Mathematics: Experiences Of Early Career Educators
- 7. Ashutosh Prabhakar - Central University Of South Bihar.**
Title: Mathematical Thinking And Practice Of School Teachers At Upper
- 8. Pratyusha Ranjan Sahoo - Regional Institute Of Education (NCERT), Bhubaneswar**
Title: Role Of Academic Language Of Mathematics Towards Development Of Academic Competencies In Mathematics
- 9. Aribam Pratima Devi - Regional Institute Of Education, Bhubaneswar**
Title: Experimental learning pedagogy in Teaching of Mathematics

Session 2 : Theme - Learning Resources For Mathematical Pedagogical Processes - 9 Papers

Chairperson : Mr. Arup saha, RIE Bhubaneswar

Moderators: Dr Vidya V N

Rapporteur: Neetu, Anjali, Sithara

Link to join :

National Conference on Mathematics Education RIE(NCERT), Mysuru

Tuesday, December 21 · 1:30 – 5:00pm

Google Meet joining info

Video call link: <https://meet.google.com/zfs-gnce-ank>

Or dial: (US) +1 224-650-8630 PIN: 966 949 926#

Participants:

- 1. Ashwini Utkhade - School Of Scholars, KK, Akola**
Title: Path Breaking In Mathematics Teaching Via Technology And Tools
- 2. R. Sivakumar - Government High School, Manthoppu, Virudhunagar District**
Title: Path Breaking In Mathematics Teaching Via Technology Tools.
- 3. L Rajeshwari - Sndja Vivekananda Vidyalaya Sr Sec School**
Title: Path Breaking In Mathematics Teaching Via Technology Tools.
- 4. Madhavi Varigonda - M.P.P.U.P.School,Venkatagiri,Rajahmundry Rural, East Godavari District**
Title: Learning Resources For Mathematical Pedagogical Processes-Path Breaking In Mathematics Teaching Via Technology Tools

5. **N Balaji Babu Rao - Dms, RIE Mysore**
Title: "Learning Geometry Online: Problems And Challenges Faced By Learners At The Secondary Stage"
6. **V Sharada - ZPHS Srirangavaram**
Title: Path Breaking In Mathematics Teaching Via Technology Tools.
7. **K Kumaravelu - Government Higher Secondary School, Kannivadi**
Title: Teaching Of Complex Numbers Using Geogebra Software In Schools
8. **Ashish Kumar Srivastava - Anglo Bengali Inter College Prayagraj**
Title: To Study The Challenges Arising In The Establishment Of Math Lab And Their Solution
9. **Kavitha S - BGS B.Ed College Mysore**
Title: Prerequisite Ness Of Mathematics Laboratory In Government Schools And Challenges In Managing The Lab Resources.

Session 3 : Theme - Professional Development Of Mathematics Teachers - 9 Papers

Chairperson : Dr. T.P. Sarma , NIE New Delhi

Moderators: Mr Raghu V D

Rapporteur: Ghazia, Akhila, Sneha

Link to Join:

National Conference On Mathematics Education, RIE(NCERT), Mysuru

Tuesday, December 21 · 1:30 – 5:00pm

Google Meet joining info

Video call link: <https://meet.google.com/iyv-wjpt-qrt>

Or dial: (US) +1 402-322-2089 PIN: 912 329 991#

Link to join will be provided later.

Participants :

1. **Deepak Sorari - District Institute Of Education And Training Champawat, Lohaghat Distt**
Title: Elements Of Future In-Service Teacher Training: A Study
2. **Tarun Kumar Tyagi - Department Of Teacher Education, Central University Of South Bihar, Gaya**
Title: Exploring Diagnostic Competence Of Pre-Service Mathematics Teachers: An Explorative Study
3. **Amit Sagar - Regional Institute Of Education Bhubaneswar Odisha**
Title: Mathematics Education During Covid-19: Perspectives Of Students And Teachers And Way Ahead
4. **Siddharth Kumar Singh -Regional Institute of Education, Manasagangotri, Mysuru**

Title:“Learning Mathematics Online: Problems And Challenges Faced By Learners At The Post-Graduate Stage”

5. **M Pavan Kumar - Regional Institute Of Education (NCERT) Manasagangothri, Mysuru**
Title: “Challenges And Problems Of Pre-Service Teacher Training During Pandemic”
6. **Shakera Parveen - Department Of Education And Training MANUU**
Title:Problems Faced By Prospective Teachers During Offline And Online SIPT Programme
7. **Tarannum Khan - Manuu-College Of Teacher Education, Bhopal**
Title: Perspective Of Pre-Service Teacher Trainees And Teacher Educators On School Internship Programme During Covid-19 Pandemic
8. **Madhusmita Behera - Central University Of Haryana, Jantpali, Mahendergarh**
Title:Role Of Math Self-Concept In Predicting Math Aspiration: Examining Gender Variation Among Senior Secondary School Students
9. **Shanthalakshmi Karnad - RIEM, Mysuru**
Title:“Effective Ways Of Online Teaching-Learning In Mathematics During Pandemic Crisis: A Practical Approach”

- **Paper Presentation 3 - 3:45 Pm - 5:15 Pm**

Three Parallel Session:

- **Session 1 : Theme - Innovations In Teaching Of Mathematics - 9 Papers**

Chairperson:Dr. Vijayan K , NIE, New Delhi

Moderators: Dr Tangpu V/Dr Vidya V N

Rapporteur:Deepika, Jhansi

Link to join:

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Or dial: (US) +1 224-650-8630 PIN: 966 949 926#

Participants:

1. **Triveni.K - RIEM, Mysuru**
Title:Study Of Effectiveness Of Training Program In Enhancing Facilitating Skills Among Primary School Teachers
2. **B Yuvarani - Government Higher Secondary School, Mathur. Kanchipuram Dt**
Title: Reflection On The Action Research In Mathematics.
3. **Shubham Kushwaha - Cluster Innovation Centre, University Of Delhi**

Title: Reflections On The Challenges Faced In Middle School Mathematics Classroom During Pandemic

4. **Rucha Desai - Naranlala Institute Of Teacher Education**
Title: Diagnosis And Remediation Of The Learning Difficulties Of Standard – 9 Students In Understanding Formulae Of Area & Volume And Solving The Sums
 5. **Sadiya Siddiq - Regional Institute Of Education, Mysore**
Title: “Effect Of Multiple Intelligences On Mathematics Achievement: A Meta Analysis”
 6. **Dharamvir Singh - G.S.S.S. Jhojhu Kalan, Dist. Ch. Dadri (Haryana)**
Title: Teaching-Learning Of Mathematics Through Simple Activities
 7. **Monika Yadav - School Of Education, Central University Of Haryana**
Title :Persist And Excel : Educational Journey Of Women In Mathematics
 8. **Sukitha V - Avinashilingam Institute For Home Science And Higher Education For Women**
Title: Attitude Of Teachers Towards Mind Map Strategy For Teaching Mathematical Word Problems Among Children With Hearing Impairment
 9. **Harish Pandey - Department Of Education, Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya, Wardha**
Title :‘cedra’: Step For Developing Effective Pedagogical Approach Plan Of Mathematics From The Traditional Activities Of The Kumhar Community
- **Session 2 : Theme Learning Resources For Mathematical Pedagogical Processes - 6 Papers**
Chairperson : Dr. Ashwani Kumar Garg , RIE, Bhopal
Moderators: Dr Santoshkumar/Dr [Raghu V D](#)
Rapporteur: Ashfaq, Madan, Damrudhar

Link to join :

<https://riemysore.webex.com/riemysore/j.php?MTID=m2e44440cdb6cb3ea6d4e84cb52c68b48>

Participants:

1. **Navneet Kaur - GSSS Ugala (01) Distt.- Ambala**
Title: Establishing Mathematics Labs In Schools -Issues And Challenges.
2. **Rafi A - GHSS Pennalurpet, Tiruvallur District, Tamilnadu-602026**
Title: Establishing Mathematical Labs In Schools-Issues And Challenges.
3. **Amit Shanker - Central University Of South Bihar, Gaya**
Title: Role Of Assistive Device To Overcome Challenges Of Mathematics Learning: A Study Of Visually Impaired Girls School Of Bihar.

4. **Mallikarjuna - Regional Institute Of Education Mysuru**
Title: Study Of Knowledge Competency Of Elementary School Teachers In Using Mathematics Kit
5. **Jawahar.S - PUPS School, Virugalpatti,**
Title: Mathematics Education Through Toys
6. **Mahendra Singh Rana - Govt. Inter College Kinsur Pauri Garhwal Uttarakhand**
Title: In Mathematics Identifying Two Dimensional And Three Dimensional Figures With Play.

Day 3 - 22/12/2021

Program - To Celebrate National Mathematics Day To Commemorate The Birth Anniversary Of Srinivas Ramanujam . - 8:45 Am To 9:30 Am

Keynote Address 5- Speaker - Mahesh Sharma, The Founder And President Of The Centre For Teaching And Learning Mathematics, U.K

- **9:30 Am - 11:00 Am**

Topic : How Children Acquire Numeracy Skills: How To Make It Possible And Maximize It For All Children?

Chair P - Prof.A.K.Rajput , NIE, New Delhi.

Rapporteur: Gopika, Krishnapriya, Anjana

Keynote Address 6 - Speaker - K Subramaniam - 11:00 Am To 1:00 Pm

Professor, Homi Bhabha Centre For Science Education, Tifr, Mumbai.

Topic : Innovations in teaching of Mathematics.

Chairperson : Prof.G.Vishwanathappa, RIE, Mysore.

Rapporteur: Chaitanya, Anjali, Rakshitha

Panel Discussion : 2:00 pm to 3:30 pm

Theme : Issues And Challenges In Teaching Mathematics In Post Pandemic Period

Panelist : Prof A K Rajput, NIE New Delhi

Prof A K Wazalwar NIE New Delhi

Prof G Vishwanatappa RIE , Mysuru

Prof P.K. Chaurasia , RIE, Ajmer

Moderator : Dr. T.V Somashekar, RIE, Mysore

Rapporteur: Esha, Sadhana, Nagavarshini.

**Regional Institute of Education, NCERT,
Mysuru**

10th National Conference on Mathematics Education

22th December 2021

VALEDICTORY FUNCTION

Venue : A V Hall

Time : 3:45 pm to 5:15 pm

Invocation	:	Institute students
Welcome Speech	:	Prof V S Prasad <i>Head DESM, RIE, Mysuru</i>
Report of the Conference	:	Dr Madhu B <i>Programme Coordinator</i>
Impression by Participants	:	
Address by Chief Guest		Prof R Rangarajan <i>Chairman , Dos In Mathematics, University of Mysore.</i>
Presidential Remarks	:	Prof Y Sreekanth <i>Principal, RIE, Mysuru</i>
Vote of Thanks	:	Dr.T.V.Somashekar <i>Dept. of Education RIE, Mysuru</i>

National Anthem.

Link for the Valedictory Function:

<https://riemysore.webex.com/riemysore/j.php?MTID=m2e44440cdb6cb3ea6d4e84cb52c68b48>

Chairperson

Prof. Sridhar Srivastava, Director, NCERT

Patron

Prof. Yagnamurthy Sreekanth, Principal, RIEM

Organizing Committee

Prof. G. V. Gopal, Prof. C. G. Venkatesha Murthy, Prof. S. Ramaa,
Prof. C. Padmaja, Prof. V. S. Prasad, Dr. V. Prasad, Prof. A. Sukumar,
Prof. Geetha Prasanna, Prof. G. Viswanathappa, Prof. K. Anil Kumar,
Dr. Srimathi M. S, Dr. P. Tamil Selvan, Dr. T. V. Somashekar, Dr. V. Tangpu,
Dr. Raman Namboodiri C. K, Dr. Santosh Kumar, Dr. S. Nagaraja,
Dr. Vidya K.N, Mr. Raghu V. D

Advisory Committee

Prof. A. K. Wazalwar, Prof. A. K. Rajput, Prof. P. K. Chaurasia, Dr. Vijayan K,
Dr. T. P. Sarma, Dr. Ashwani Kumar Garg, Mr. Arup Saha, Mr. Arnab Sen,
Dr. Patanjali Sarma, Dr. Saurabh Kapoor, Mr. Aji Thomas, Dr. Tulika Dey

Programme Coordinator

Dr. Madhu B, DESM