



**GUJARAT RESEARCH SOCIETY'S  
HANSRAJ JIVANDAS COLLEGE OF EDUCATION  
(AUTONOMOUS, NAAC RE-ACCREDITED: A+)**



**KHAR [WEST], MUMBAI**

**IQAC in Collaboration with**

**'Kshitij' - Alumni Association & Mathematics Club of HJCE**

**Under the aegis of RUSA**

**Organises**

***Regional Level One Day Workshop  
on***

***"From Chalkboards to Chatbots: Teaching Math in a Changing World"***

**Date: 8<sup>th</sup> August, 2025**

**ABOUT HANSRAJ JIVANDAS COLLEGE OF EDUCATION**

Gujarat Research Society [GRS] established in 1936 founded Hansraj Jivandas College of Education [HJCE] in 1969 and thus made a major foray into the sphere of teacher training. HJCE was a culmination of the foresighted vision of Dr. Madhuri Shah, a nationally and internationally acclaimed academician & the Ex-Chairperson of UGC. The campus has been developed aesthetically and functionally with well utilized space and has a state of art infrastructure that is possible within the given space. H.J. College of Education is one of the best Teacher Education institutions in the country. The college is continuously engaged in activities that benefit all its stakeholders. Today the college offers training to future teachers and administrators with emphasis on creative teaching, research, and harmonious blending of modern technology with Indian values and culture. The college has been re-accredited by NAAC with 'A+' Grade and is granted Autonomous status by UGC.

**ABOUT THE WORKSHOP**

Singapore Math is a teaching approach that emphasizes deep understanding of Mathematical concepts through a concrete, pictorial, and abstract (CPA) learning process, rather than rote memorization. It focuses on building a strong foundation in number sense and problem-solving skills, often using visual models like bar models. This innovative pedagogy has gained popularity for its effectiveness in improving Mathematical fluency and critical thinking. Session one of the workshop focuses on hands-on learning and experiencing Singapore Math.

AI is transforming math education by offering personalized learning experiences, automating tasks, and providing new tools for both teachers and students. AI-powered systems can adapt to individual student needs, offer instant feedback, and provide interactive problem-solving environments, potentially freeing up teachers to focus on more individualized instruction. Session two of the workshop provides a practical exploration of AI in a Math classroom.

**CHIEF PATRON**

**Mr. Rajeev Hazarat**

President

Gujarat Research Society

**Dr. Anita Swami**

Executive Director (Education)

Gujarat Research Society

**CONVENOR**

**Prin. Prof. (Dr.) Geeta Shetty**

**WORKSHOP COORDINATOR**

**Prof. (Dr.) Usha Borkar**  
(9820003265)

**WORKSHOP  
CO-COORDINATORS**

**Prof. Dr. Vaishali Sawant**  
(9820779024)  
**Prof. Dr. Shrima Banerjee**  
(9869327656)

**RUSA COORDINATOR  
(SOFT COMPONENT)**

**Prof. (Dr.) Karuna Sinha**  
(9820414487)

**ORGANIZING COMMITTEE**

**Dr. Archana Katgeri**  
**Dr. Pallavi Talekar**  
**Smt. Manisha Tandale**  
**Smt. Tejashree Rane**  
**Mr. Rahul Kalmate**

**WHO CAN PARTICIPATE**

- In-service Mathematics Educators from schools affiliated to MSBSHSE, CBSE, CISCE, IGCSE boards
- Mathematics Student-teachers (Pre-Service)
- Mathematics Teacher Educators



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**HOW TO PARTICIPATE:**

1. Registration is compulsory
2. Payment Details for the Workshop is as follows:
  - Registration Fees : ₹ 200/-  
[Bank & Branch: IDBI, Khar West  
Account Name: HANSRAJ JIVANDAS COLLEGE OF EDUCATION OTHER FEES  
Account No.: 0014104000403603 IFSC: IBKL0000014]
  - Link of Registration form: <https://forms.gle/isauC4qBdApHVwg5A>
  - Join our WhatsApp group for further updates:  
[https://chat.whatsapp.com/CeCp6xcB2kTKDRs10Mu4Wj?mode=ac\\_t](https://chat.whatsapp.com/CeCp6xcB2kTKDRs10Mu4Wj?mode=ac_t)

**PROGRAM SCHEDULE**

Time	Details
9:45 a.m. - 10.00 a.m.	Registration
10:00 a.m. - 10.15 a.m.	Welcome and Introduction
10:15 a.m. - 11: 00 a.m.	Doodle This! - Math Doodle Energizer
11:00 a.m. - 11: 15 a.m.	Tea Break & Peer Interaction
11:15 a.m. - 1:15 p.m.	Experiencing Singapore Math (Hands-On Learning)
1:15 p.m. - 2:00 p.m.	Lunch (Working lunch will be provided)
2:00 p.m. - 4:00 p.m.	AI in the Math Classroom: Practical Exploration & Creation
4: 00 p.m. - 4:05 p.m.	Vote of Thanks

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**DR. MADHURI SHAH CAMPUS, R.K.MISSION MARG, KHAR [WEST], MUMBAI.**

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**WEBSITE: [www.hjce.in](http://www.hjce.in)**