Regional Institute of Education Mysuru-570006

Curriculum Vitae

Name	Mr. Harijana Manohar	
Date of Birth	11-06-1994	
Designation	Senior Research Fellow	
Department	Department of Education	
Email	manoharharijana@riemysore.ac.in 999manu444@gmail.com	
LinkedIn	https://www.linkedin.com/in/manohar-mr-463314395	
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Areas of Interest	Computational Thinking Skills, Pedagogy of Mathematics, Artificial Intelligence in Education, Teacher Education and History of Mathematics, Assessment and Evaluation, Measurement and Evaluation.	
Address	H. Manohar S/o H. Ramanjaneyulu, #5/32, Kolimipalli Village, Thungodu Post, Somandepalli Mandal, Sri Satya Sai District, Andhra Pradesh-515241	

Educational Qualifications

Degree	**Institution**	**Grade**	**Year of Completion**
Ph. D	Regional Institute of Education Mysuru	73.5% (Coursework)	Submitted Thesis on 17th August 2026.
M.Ed.	Regional Institute of Education, Mysuru	77%	2020
BSc. Ed	Regional Institute of Education Mysuru	64%	2018
Intermediate/PUC	Board of Intermediate Education	67%	2013
10th /SSC	Board of Secondary Education	83%	2010

Qualifications

Examination Name	Conducting Body	Date of Passing
NET in Education	UGC	December 2022
NET in Education	UGC	June 2023
APSET	AP Government	2020
CTET	CBSE	2019
AP TET	AP Government	2026
ResearchGate ID	https://www.researchgate.net/profile/Manohar-Harijana?ev=hdr_xprf	

Google Scholar ID	https://scholar.google.com/citations?view_op=new_articles&hl=en&imq=Harijana+Manohar
ORCID ID	https://orcid.org/0009-0007-7887-3396
Scopus ID	-NA-

Teaching Experience

Designation/ Subject Taught	Place of Work	Duration
Intern Teacher (Maths & Science)	JNV-Tumkur	June to August 2016.
Maths cum Science Teacher (Maths & Science)	Agha Khan Education Service-India (Chitravad)	14-06-2017 To 07-03-2018.
STEM Coordinator (Maths & Science Mentoring)	ILRS-Project Bengaluru (CARE INDIA-NGO)	04-10-2021 To 03-03-2023
Micro and Macro Mentor (Pedagogy of Mathematics & Pedagogy of Science)	Regional Institute of Education-Mysuru for B.Ed. and MSc. Ed	March,2023 To May 2026 (All Semesters)

Research Work

Course	Title of the Study
M.Ed. (Dissertation)	Availability and Utilization of Teaching-Learning Resources at Upper Primary Level for Teaching of Mathematics -A Study of Hindupur Taluk of Andhra Pradesh.
Ph.D. (Doctoral Thesis)	Effectiveness of Computational Thinking Method of Teaching on Computational Thinking Skills and Achievement in Mathematics among Secondary School Students.

Research Publications

Title of Article	Type of Publications	Name of Journal	ISSN	Journal Volume	Year	DOI
Exploring the Role of Enhancing Computational Thinking Skills in Mathematics Education: A Systematic Literature Review.	Research Papers in Peer-Reviewed Journals	International Journal of Creative Research Thoughts (IJCRT)	(2320-2882)	Volume 13, Issue 04,	April 2025	DOI: 10.56975/ijcrt.v13i4.284219
Evaluating Pedagogical Competencies in Mathematics Among Secondary-Level Student Teachers: A	Research Papers in Peer-Reviewed Journals	International Journal for Multidisciplinary Research (IJFMR)	(E-ISSN: 2582-2160)	Volume 07, Issue 2,	April 2025.	DOI: 10.36948/ijfmr.2025.v07i02.43167

Comprehensive Assessment						
Investigating Pre-Service Teachers' Awareness on Integrating Computational Thinking Skills into Classroom Practices	Research Papers in Peer-Reviewed Journals	International Journal of Advanced Educational Research (IJAER)	(ISSN: 2455-6157)	Volume 10, Issue 1.	May, 2025	NA
Innovative Pedagogies for Sustainability: A Review of Strategies in Secondary Education	Research Papers in Peer-Reviewed Journals	International Journal of Creative Research Thoughts (IJCRT),	(ISSN: 2320-2882)	Volume 13, Issue 05	May 2025	DOI: 10.56975/ijcrt.v13i5.286945
Bridging The Artificial Intelligence Knowledge Gap: An Empirical Study on AI Literacy in the Secondary School Level	Research Papers in Peer-Reviewed Journals	International Journal of Multidisciplinary Research in Arts, Science and Technology	(ISSN: 2584-0231)	Volume 04, Issue 05	May 2026	https://doi.org/10.59828/ijmrast.v4i5.269
Computational Thinking Levels among Secondary School Students: A Pilot Descriptive Study by Gender, Age and Computational Thinking Dimensions	Research Papers in Peer-Reviewed Journals	Asian Journal of Education and Social Studies	**ISSN:** 2581-6268	Volume 52, Issue 06	May 2026	https://doi.org/10.9734/ajess/2026/v52i63099
Non-Journal Publications						
Title of Publications	Type of Publication	Publisher	Role	ISBN	Year	DOI
Achievement of student teachers' competencies in pedagogy of mathematics at secondary level. Co-authored with Prof.G. Viswanathappa	Chapters in Books (New Trends of Teaching, Learning and Technology	Red Shine Publication, London. UK.	Author	978-1-304-12628-3	August, 2024	DOI: 10.25215/13041262 85

Assessment of Student Teachers' Awareness of the Integration of Computational Thinking Skills in Mathematics Education	Chapter in an edited book (NEP 2020: Fostering Excellence in School Education During Amritkal, Center of Research)	Indian Institute of Teacher Education, Gujarat.	Author		January , 2026	NA

Seminars/Workshops/Conferences

1. Participated in the workshop on "Framework for 21st century skills" organized by CARE INDIA Organization with the collaboration of NCERT and University of Delhi in New Delhi.
2. Participated in the workshop on "A collaborative discussion on STEM skills for innovators laboratory with in-service teachers of Jharkhand and the Director of School Education.
3. Participated in the workshop on "A three-day workshop on 21st century skills and experiential learning conducted by CARE INDIA organization Experts in Mumbai.
4. Participated in the workshop on "Number theory and computational thinking conducted by Azim Premji University in Bangalore.
5. Participated in the workshop on "Peanut Lab conducted by Azim Premji University in Bangalore.
6. Presented a paper titled "The Role of Enhancing Computational Thinking in Mathematics" in the Conference of the Practices of Teaching Mathematics from 10th to 12th July 2023, organized by Azim Premji University, Bangalore.
7. Participated in the International Conference on Generative AI organized by UNESCO MGIEP at RIE Mysuru on 16th and 17th May 2023.
8. Attended a One-day Regional Conference on Art-Integrated Learning at RIE, Mysuru on 8th June 2023
9. Attended an Information Sharing Session on ITEP aligned with NEP 2020, organized by NCTE at RIE Mysuru on 2nd September 2023.
10. Participated in the program National Initiative for School Heads and Teachers Holistic Advancement on Equitable and Inclusive Education at RIE Mysore, in collaboration with the Ministry of Education, Govt. of India, from 8th to 12th January 2024.

11. Participated as an active participant in the three-day program to develop module PAC titled “Training program on Experiential learning for KRP’s of Tamil Nadu and Puducherry from 29th to 1st December 2023 at the Regional Institute of Education, Mysore.
12. Participated as an active participant in the five -day training program under PAC titled Training Program on Uses of ICT in Teaching Mathematics for secondary teachers (Karnataka/ Lakshadweep from 12th to 16th December 2023 at the Regional Institute of Education, Mysore.
13. Presented a paper titled "Assessment of Student Teachers' Awareness on Computational Thinking Skills in Science" in the National Conference on Recent Advances in Science Education from 26th to 28th February 2024, organized by RIE-Bhopal.
14. Presented a paper titled "Assessment of Pedagogical Competencies in Mathematics Among Student Teachers at Secondary Level" in the National Conference on "Navigating the Educational Landscape of the 21st Century: Challenges and Road Map of NEP 2020", from 21st to 22nd March 2024, organized by NERIE, Meghalaya.
15. Presented a paper titled "Assessment of Student Teachers’ Awareness on Computational Thinking Skills in Mathematics Education" in the National Seminar on NEP 2020 – Fostering Excellence in School Education During Amrit Kaal from 22nd to 23rd March 2024, organized by the Center of Research, Indian Institute of Teacher Education.
16. Presented a paper titled "Achievement of Student Teachers’ Competencies in Pedagogy of Mathematics at the Secondary Level" in the International National Seminar on "New Trends in Education, Teaching, Learning, and Technology", held from 5th to 6th April 2024, organized by Vidya Sagar Teachers Training College, West Bengal.
17. Attended MMTTC program on AI In Education conducted by RIE Mysore. In 2026
18. Attended a six-day online short-term MMTTC program on Qualitative Research conducted by RIE Mysore in 2026.
19. Attended a faculty development program on AI Integration in Teaching, Learning, and Research conducted by Vikram Simhapuri University, Nellore, Andhra Pradesh, in 2025.
20. Attended MMTTC program on NEP2020 Orientation & Sensitization Program conducted by RIE Mysore in 2025.
21. Participated in Multimodal AI Masterclass: Next Level Teaching. Organized by Edtech Solution in Collaboration with All India Educators Forum (AIEF). In June 2026
22. Participated in the National Level online Workshop on Biblioshiny for PRISMA and Bibliometric Analysis: Hands-on Biblioshiny Workshop for PRISMA and Scientific Mapping. Organized by Mithra Dev Publications in collaboration with the Center for Educational

Research, Madurai Kamaraj University, Madurai, and Thiagarajar College of Preceptors (Madurai) from 28th to 3ot May 2026.

23. Attended MMTTC program, a six-day online short-term program on NEP 2020 Orientation & Sensitization Program (Artificial Intelligence in Education), conducted by RIE Mysore in March 2026.

Invited Talks as Resource Person

1. Contributed as a resource person in the Development and Dissemination of Educational Resources at RIE Mysore from 23rd to 25th November 2023.
2. Involved in the Development of Modules and Lesson Plans on Experiential Learning for KRP's of Puducherry and Tamil Nadu, conducted at RIE Mysuru from 29th November to 1st December 2023.
3. Invited as a resource person for a training program on Experiential Learning for KRP's of Puducherry and Tamil Nadu at RIE Mysuru from 29th to 31st January 2024.
4. Participated as a resource person in the three-day training program PAC titled "Experiential learning for KRP's of Tamil Nadu and Puducherry from 29th to 31st January 2024 at the Regional Institute of Education, Mysore.
5. Participated as a resource person in the five-day training program PAC titled "Life skills education training program for KRP's of Andhra Pradesh and Puducherry from 09th to 13th December 2024 at the Regional Institute of Education, Mysore, and took a session on Computational Thinking Skills
6. A session was conducted at Navkis School Mysore, aimed at equipping teachers with practical strategies to develop computational thinking skills among students. These sessions contributed to knowledge dissemination and professional development of teachers, aligning with the broader goals of the research.in 2026
7. Attended as a resource person for a faculty development program conducted by Vikram Simhapuri University, Nellore, Andhra Pradesh, in December 2025 and took a session on Computational Thinking Skills.
8. Participated as a resource person in the Five -day training program PAC titled "Training Program on Innovative Pedagogical Practices for the KRPs of Southern Region, from 27th to 31st July 2026 at the Regional Institute of Education, Mysore, and took session on Computational Thinking Skills.

9. Invited as a resource person to conduct CTET/TET coaching and academic support activities organized by the State Institute of Education, Department of Education, A& N Administration, Sri Vijaya Puram.
10. Participated as a resource person in the Five -day training program PAC titled "Training Program on Innovative Pedagogical Practices for the KRPs of Southern Region, from 31st August to 04th September 2026 at the Regional Institute of Education, Nellore, and took a session on Computational Thinking Skills and Blended Learning.

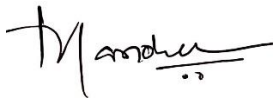
Other Programs.

1. Faculty Development, Mental Health & Outreach Engagements (MANODARPAN Initiative – Ministry of Education, Government of India) 1. Participated as an expert in SAHAYOG Live Online Session (16th January 2024) on the theme: "Healthy Study Habits for Success in Examinations ."

Honors & Awards

Name of The Award	Awarding Body	Award category	Level	Award Date
1. NFSC Fellowship	UGC-NFSC, Ministry of Social Justice and Empowerment, New Delhi.	Research Fellowship	National	March 2023

Declaration: I declare that all the information given here is true to the best of my knowledge.



Place: MYSURU

Date: 07-09-2026 Signature