

NAZIDA SHAIKH

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Email: shaikhnazida@yahoo.in

Academic Member:

- Life Member of Indian Science Congress.
- Life Member of Varahmihir institute of Scientific Heritage & Research Ujjain (M.P.)
- Life Member of Institute of Vedic Mathematics & Research, Ujjain (M.P.).
- Life Member of Shiksh Sanskruti Uthan Nayas.

Academic Achievements:

- Ph.D. in Mathematics from Vikram University Ujjain (M.P.).
- Certificate course in Vedic Mathematics from Atal Bihar Vajpayee Hindi Vishwavidhyalal Bhopal (M.P.).
- M.Phil. in Mathematics from Vikram University Ujjain (M.P.).
- M.Sc. in Applied Mathematics from Ujjain Engineering College Ujjain (M.P.).

Social Activities:

- To aware the residence of the ward about “Swachhata Abhiyan”
- To teach the student of weaker section and below poverty line in additional time in colony.
- To provide the needy patient with blood through Blood donation center and camps.
- To trained the residence and word about the reuse and recycling of solid works by explaining them the use of vermi compost and compost khad.

Job Experience:

1 year Teaching experience in JKIMS Campus Amar sing college, Srinagar **(J&K)**

- 11 year Teaching experience in Govt. Madhav Science P.G. College, Ujjain.(MP)
- 2 year Teaching experience in Govt. Polytechnic College Ujjain (MP)

Area of Research: History of Mathematics

Published Research Paper:

- “Contribution of Pingala’s Work in Indian Mathematics”, Vikram Mathematical Journal, ISSN: 0971-5150, Volume 35-36,(2015-16).
- “Different Explicit Rules of Combinatorics in Ancient India”, Purakala, ISSN: 0971-2143, Volume 31, No.8, (April 2020), 997-1014.
- “Combinatorial Representation of 2019 Novel Coronavirus DNA Codon”, Purakala, ISSN: 0971-2143, Volume 31, N0. 33, (May 2020), 121-129.
- “ Combinatorial Problem in North Indian Music System with 16- Musical Tone”, Ganita, ISSN: 0046-5402, Volume 70, No. 02, (2020), 281-291.
- “Development of Combinatorics in Indian Prose with Contemporary Western Text”, Kala Sarovar, ISSN: 0975-4520, Volume 24, No. 01, (January- March 2021), 114-121.
- “ Combinatorics in Ancient Indian Text”, Journal of Scientific Research , ISSN : 0447-9483.

Participate in Conference/Seminar/Workshop:

- Participated in STEM Teacher Training Workshop on Research -Based Pedagogical Tools (Level 1)” held on 28th sep. -1st oct. 2018 Sponsored by the DBT, Govt. of India; the British Council; Centre of Excellence in Science and Mathematics Education IISER Pune (Supported by MHRD, Govt. Of India) at Jaipur , Rajasthan.
- Participated in “Regional Workshop on Research Based Pedagogical Tools” held on 20-22 March 2018 Sponsored by the DBT, Govt. of India; Centre of Excellence in Science and Mathematics Education IISER Pune (Supported by MHRD, Govt. Of India) and Jiwaji, University, Gwalior, Madhya Pradesh.
- Participated in National workshop on Vedic Mathematics held on 08-10 Sep. 2017 organized by Shiksha Sanskriti Uthan Nayas, New Delhi and Atal Bihari Vajpayi Hindi University, Bhopal (M. P.).
- Participated in Young Scientists Conference as a part of “India International Science Festival” held on 04-08 Dec 2015 IIT Delhi organized by Ministry of Science and Technology and Earth Science Government of India.
- Presented a paper in “17th International Conference of International Academy of Physical Sciences, (CONIAPSXVII) on Emerging trends in Physical Science & Technology, held on 16-18 Jan.2015” , organized by University of Rajasthan, Jaipur, India.
- Presented a paper in “Sawatantra Bharat me Shiksha Aayogo ki Anushanshayee , kriyanvayan aur prasangiktaye held on 13-14 December 2014” (Sponsored by UGC New Delhi and M.P. Council of Science and Technology, Bhopal) organized by Vikram University Ujjain(M.P.) and Shiksha Sanskruti Uthan Nayas , New Delhi
- Presented a paper in “National Seminar on Crystallography and Its applications, held on 25-26 September, (Sponsored by M.P. Council of Science and Technology, Bhopal)” organized by department of Physics, Govt. Girls P. G. College, Ujjain (M.P.).
- Presented a Paper in “ National Seminar on Contribution of Ramanujan in Mathematics and its Application in Mathematical Sciences(Sponsored by M.P. Council of Science and Technology, Bhopal)” held on 06-07 March 2014, organized by P.G. Department of Mathematics, Govt. Madhav Science P.G. College, Ujjain M.P.
- Participating in one day seminar on “Quality And Best Practices ” In Higher Education Held on 1 Feb 2013 organized by Govt. Madhav Science P.G .College, Ujjain.
- Participating in the Scientific Events Sponsored by M.P. Council of Science and Technology, Bhopal (M.P.) University Cell, Vikram University, Ujjain “National Mathematics Day” held on 28Feb, 2013. Organized by School Of Studies In Mathematics Vikram University, Ujjain.
- Presented a Paper in “Research Seminar on Ganitiya Gyan Sandhan held on 23 march2013” (Sponsored by M.P. Council of Science and Technology, Bhopal) organized by Govt. Girls P. G. College, Ujjain M.P.
- Presented a Paper in “ National Conference on Analysis and its Application held 28-29 Feb, 2012” (Sponsored by M.P. Council of Science and Technology, Bhopal) organized by P. G. Department of Mathematics Govt. Madhav Science P. G. College, Ujjain M.P.
- Attended the International Conference of the“ Indian Mathematical Society held 27-30 Dec, 2008” organize by the Department of Mathematics, University of Allahabad, Allahabad

Dissertation:

- In M.Sc. Dissertation topic was “**STUDY OF SOME PROBLEMS OF LINEAR PROGRAMMING “.**
- In M. Phil Dissertation topic was “ **COMPARATIVE STUDY FOR ALTERNATIVE APPROCH TO THE SIMPLEX METH**
- In Ph. D. research topic was “ **A Study of Development of Combinatorics in Indian Ancient Literature”**

Educational tour:

- Attended the International conference of the “Indian Mathematical Society held 27-30 Dec, 2008” organize by the Department of Mathematics, University of Allahabad, Allahabad, U.P.

- Visited University and other Institute of Bangkok for Academic purpose.

Computer Literacy: Basic, MS Office

Reference of Renowned Person:

- Dr. V.K. Gupta Prof. and Head Department of Mathematics and Director, Ramanujan Research Center of Mathematics , Govt. Madhav Science College P. G. Ujjain M.P.
Email : dr_vkg61@yahoo.com
- Dr. S.K. Tiwari , Associate Professor and Head, School of Studies in Mathematics, Vikram University, Ujjain (M.P.).



(NAZIDA SHAIKH)