
Curriculum Vitae of Dr. Md. Moid Shaikh

Name: MD MOID SHAIKH

Designation: Assistant Professor in Mathematics

Affiliation: Department of Mathematics, Maharaja Manindra Chandra College
Under University of Calcutta

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Personal Details:

Date of Birth: 20th October 1989

Gender : Male

Nationality : Indian

Positions held:

16/03/2017- Present: Assistant Professor in Mathematics, Maharaja Manindra Chandra
College

Educational Qualification:

Ph. D Subject area: Local Ramsey Theory
Thesis awarded on 6th February 2022 by University of Kalyani.

M. Sc 2012 Subject: Mathematics from University of Kalyani, West Bengal, India. First
class.

ACADEMIC ACHIEVEMENTS:

- Qualified for National Eligibility Test (NET) in 2013 (conducted by Council of Scientific and Industrial Research, Government of India). **All India Rank - 17.**
- Qualified for Graduate Aptitude Test in Engineering (GATE) 2013 (organized by Ministry of Human Resources Development, Government of India). **All India Rank - 547.**

Research

Ph. D Program: 2nd March 2015 – 6th February 2022.

Experience

Thesis Supervisor: Professor Dibyendu De
Place of Work: University of Kalyani

Title of the thesis: **SOME RAMSEY THEORETIC RESULTS NEAR AN IDEMPOTENT, IN PARTICULAR, NEAR ZERO**

Broad subject area: **Algebra in the Stone-Cech Compactification, Combinatorics, Ramsey Theory, Ergodic Theory, Dynamical System**

List of Publications

- I. Md. M. Shaikh, S. K. Patra, M. K. Ram, Dynamics Near an Idempotent , Topology and its Applications (ELSEVIER). (DOI:<https://doi.org/10.1016/j.topol.2020.107328>)
- II. S. K. Patra, Md. M. Shaikh, Monochromatic Sums Equal To Products Near Zero, Integers (<https://math.colgate.edu/~integers/u66/u66.pdf>).
- III. L. L. Baglini, S. K. Patra, Md. M. Shaikh, Dynamical notions along filters, New York J. Math. 29 (2023) 792-817, ISSN 1076-9803/2023(<http://nyjm.albany.edu/j/2023/29-31.html>)

Scholarships and Grants :

- I. CSIR (Council of Scientific and Industrial Research) Junior Research Fellowship, June-2013.
- II. Travel grant of 500.00 Euro from the University of Pisa, Italy to attend a mini-course held in Pisa, Italy in the year 2022.
- III. Travel grant of Rs. 70000.00 from NBHM to attend Ultramath-2022, Pisa, Italy.

Research Talk Delivered:

Talked on “Monochromatic Sums Equal To Products Near Zero” in the conference “ULTRAMATH 2022: Ultrafilters and Ultraproducts Across Mathematics, and Related Topics” held at Pisa, Italy from June 6th to June 11th , 2022.

Conferences and Symposia attended:

- I.** Mini-course: “Mutually enhancing connections between Ergodic Theory, Combinatorics and Number Theory” that was held by Professor Vitaly Bergelson (Ohio State University) from Monday May 30th to Friday June 3rd of 2022 (inclusive), in the Department of Mathematics of Pisa, Aula Magna, Italy, from 14:30 to 17:30.

 - II.** International Conference on Research Trends in Mathematics (ICRTM-2020) organized by the Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai, India held during August 25-26, 2020 through online platform.

 - III.** International Conference on Mathematical Advances & Applications 2020, Aug 07-08, 2020 (Online Mode) Organized By REd TALKS DAILY INTERNATIONAL And Promoted By RATNA PRASAD MULTIDISCIPLINARY RESEARCH AND EDUCATIONAL SOCIETY, Vijayawada, Andhra Pradesh, India.
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Computer Skills :

Operating Systems: Linux and Windows 10
Languages: C++

Teaching Experience: I taught the following courses at Maharaja Manindra Chandra College:

1. Real Analysis
2. Numerical Analysis
3. Applications of calculus
4. Vector Analysis
5. Linear Algebra
6. Abstract Algebra
7. Topology
8. Integral Calculus
9. Point Set Topology
10. Fourier Series Series and Laplace Transform

* I taught Numerical Analysis at UG level and Integral Transforms and Integral Equations at PG level in the Department of Mathematics and Statistics of Aliah University as a Visiting Faculty from 27/04/2021 to 31/08/2021.

Contact information of reference.

Professor Dibyendu De (Thesis Supervisor)

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