

NAME: NAVNEET RANA

DEPARTMENT: PG Department of Mathematics

DESIGNATION QUALIFICATIONS: Assistant Professor M.Sc. (Maths), M.Phil., CSIR-NET

EXPERIENCE: 13 years

DATE OF JOINING: 3rd Sept., 2014

Contact No. 99155-98094, 9877445366

Email ID: rana.navneet2@gmail.com

Academic Achievements:-

1. Publications

A. International level Journal:

- Published a paper titled "First axisymmetric problem of micropolar elasticity with voids" in International Journal of Applied Science- Research and Review (IJAS), Vol. 3(1), 2016 page No.021-032; ISSN: 2394-9988.
- Published an article in 'Indian Journal of Economics and Development(year: 2016, Volume:12 ,Issue:3, 599-602)' on the topic 'Doing Away with Plagiarism in technical Writing: Need of the Hour' on July-Sept. ,2016;ISSN: 2322-0430
- Published a paper titled " Medical Imaging- A Mathematical Approach" in International Journal of Advance Research and science and Engineering, Volume 6, Issue No. 5, May 2017;ISSN:2319-8346.

B. National level

Chapter in Books

- Wrote a book as coauthor of subject differential equations II of BA/B.Sc. II with First World Publications with ISBN No.978-93-82295-38-9.

2. International/National Workshops/Conferences/Seminars attended:

- Attended seven days UGC sponsored workshop on 'Research Tools in mathematics' at Mata Gujri College, Fatehgarh Sahib from Dec.19, 2014 to Dec.25, 2014.
- Attended two weeks AICTE sponsored Faculty Development Program on 'Research Techniques' at Shaheed Bhagat Singh State Technical Campus, Ferozepur from May 25, 2015 to June 5, 2015.

3. Papers presented in International / National Conferences:

- Presented paper in National Conference on 'Innovative Trends in Mathematical Sciences' on topic 'Mathematical Methods in Computed Tomography (CT): A review' on March 30, 2015 at MMU, Mullana, Ambala
- Presented paper in National Conference on 'Recent Trends in Applied Mathematics' on topic 'Application of Mathematics in Medical Sciences' on Nov 21, 2015 at Govt. College, Sri Muktsar Sahib.
- Presented paper in National Conference on 'New Advances in Mathematics' held on Feb. 13, 2016 on topic 'First axisymmetric problem of micropolar elasticity with voids ' at DAV College, Sadhaura (yamunanagar).

- Presented paper in National Seminar on Entrepreneurship in India: Need of the hour held on March 18, 2017 on topic 'The Role of Mathematics Educator in the Development of Entrepreneurial Skills' at Guru Nanak College for Girls, Sri Muktsar Sahib.
- Presented a paper in 6th International Conference on Recent Development in Engineering Science, Humanities and Management on May 14, 2017 on topic ' Medical Imaging-A Mathematical Approach at NITTTR, Chandigarh.
- Presented a paper in Multidisciplinary International Conference on Skills in Management & Applied Sciences on March 10-11, 2018 on topic ' Mathematical Modelling in Solid Waste Management at SCD Govt. College, Ludhiana(Punjab)
- Presented a paper in National Seminar on Advances in pure and applied Mathematics in Nov. 27, 2018 on topic 'Some Applications of Linear Algebra' at Govt. College, Sri Muktsar Sahib.

4. Duty as Subject Expert:

- served as subject expert in interview for the appointment of Mathematics lecturer at govt. college , Sri Muktsar Sahib on Feb. 6, 2017, June 7, 2017 & Jan. 30,2018.

5. General Orientation Programme /Refresher Course Attended:

- Attended General Orientation Programme-102 from June 14, 2017 to July 11, 2017 organized by HRDC, Guru Nanak Dev University, Amritsar
- Attended Refresher Course(Summer School) from June 18, 2019 to July 08,2019 organized by HRDC, Guru Nanak Dev University, Amritsar.

6. Research Topic in M.Phil:-

- "Eigen Value Approach to Micropolar Elasticity With Voids"