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SOUMI TIKADER

RESEARCH FELLOW
OF
THEORETICAL STATISTICS AND MATHEMATICS UNIT,
INDIAN STATISTICAL INSTITUTE

DATE OF BIRTH MARCH 24, 1990

NATIONALITY INDIAN

EDUCATION AND TRAINING :

INDIAN STATISTICAL INSTITUTE KOLKATA, Ph.D. , 30th July 2019

- THESIS TITLE ORBIT SPACES OF UNIMODULAR ROWS OVER SMOOTH AFFINE REAL ALGEBRAS .
- ADVISOR Dr. MRINAL KANTI DAS

JADAVPUR UNIVERSITY , M.Sc , 2013

- Percentage – (92.2%), IN MATHEMATICS

JADAVPUR UNIVERSITY , B.Sc , 2011

- Percentage – (89.25%), IN MATHEMATICS

AWARDS AND FELLOWSHIP :

- RESEARCH FELLOWSHIP IN MATHEMATICS, INDIAN STATISTICAL INSTITUTE KOLKATA.
- QUALIFIED CSIR- NET (2013, RANK-24)
- "UNIVERSITY MEDAL" FROM JADAVPUR UNIVERSITY IS AWARDED FOR STANDING FIRST IN ORDER OF MERIT AT M.SC. EXAMINATION IN MATHEMATICS.
- "UNIVERSITY MEDAL" FROM JADAVPUR UNIVERSITY IS AWARDED FOR STANDING FIRST IN ORDER OF MERIT AT B.SC. EXAMINATION IN MATHEMATICS.
- I GOT INSPIRE FELLOWSHIP DURING THE PERIOD 2008-2013.

RESEARCH INTEREST :

- PROJECTIVE MODULES
- COMPLETE INTERSECTIONS
- EULER CLASS GROUP
- UNIMODULAR ROWS
- CLASSICAL K –THEORY

PAPER PUBLISHED / ACCEPTED IN REFEREED JOURNAL:

(1) *Orbit spaces of unimodular rows over smooth real affine algebras*, Mrinal kanti Das, Soumi Tikader, Md. Ali Zinna, *Inventiones Mathematicae*. 212.(2018). 133-159

<http://doi.org/10.1007/s00222-017-0764-y>

(2) *Projective generation of ideals in a certain ring*, Soumi Tikader, Md. Ali Zinna, *Journal of Pure and Applied Algebra*. 223. (2019). 1246-1257

<http://dx.doi.org/10.1016/j.jpaa.2018.06.004>

(3) *" P^1 -gluing" for local complete intersections*, Mrinal kanti Das, Soumi Tikader, Md. Ali Zinna, (Accepted for publication in), *Mathematische Zeitschrift* available at

<http://arxiv.org/abs/1709.08627>

ACADEMIC VISIT :

TATA INSTITUTE OF FUNDAMENTAL RESEARCH, MUMBAI,

25TH APRIL TO 18TH MAY 2018. to Prof. Ravi Rao.

Guidance for M.Sc project :

- "SOME USEFUL RESULTS ON UNIMODULAR ROWS " With Raya Kanji (2018) .
- "TOPOLOGICAL GROUP AND ITS APPLICATION" with Ishita Parui (2019).
- " SUSLIN $n!$ THEOREM" with Bidisha Mondal (2019).

TEACHING EXPERIENCE :

December, 2016 – till date

- Assistant Professor • Department of Mathematics • Diamond Harbour Women's University , West Bengal;

