

# NAWAL KISHOR HAZARIKA

MSCS 432

401 Mathematical Sciences

Oklahoma State University

Stillwater, OK 74078

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## INTERESTS

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Algebraic Geometry, Commutative Algebra, Group Theory and Generalizations.

## EDUCATION

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- **Oklahoma State University, Stillwater** *2024-Present*  
Ph.D. in Mathematics
- **Tezpur University, Napaam** *2018-2023*  
Integrated MSc in Mathematics  
CGPA: 8.45, 1st class first
- **Cotton College (University), Guwahati** *2016-2018*  
Higher Secondary Certificate  
Obtained percentage : 90.40%
- **Gyanjyoti Academy, Narayanpur** *2013-2016*  
Secondary School Certificate  
Obtained percentage : 93.00%

## MASTER'S PROJECT

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- **Title** : Rings and Modules of Fractions  
**Supervisor** : Prof. Dhiren Kumar Basnet, Tezpur University, Napaam

## OTHER PROJECTS

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- Reading Project in Group Theory. *June 2019*  
**Supervisor** : Prof. Dhiren Kumar Basnet, Tezpur University, Napaam.
- Reading Project in Metric Spaces. *December 2019*  
**Supervisor** : Dr. Anjan Kr. Chackraborty, IIT Guwahati, Amingaon.

## ACHIEVEMENTS

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- Awarded University Gold Medal for securing the top rank in the Integrated M.Sc. program in Mathematics in 2023.
- Ranked 104 in Joint CSIR-UGC NET DECEMBER, 2022 – JUNE, 2023.
- Ranked 404 in GATE-2023 organized by Indian Institute of Technology Kanpur.
- Ranked 785 in JAM-2022 organized by Indian Institute of Technology Roorkee.
- Ranked 539 in JAM-2021 organized by Indian Institute of Science Bengaluru.
- Awarded DST INSPIRE scholarship for ranking among the top 1% student of the country in 2018.
- Awarded Anundoram Borooah Award by the Govt. of Assam in 2016.

## PUBLICATIONS

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- Nawal Kishor Hazarika & Pijush Pratim Sarmah (2024) *On Some Localizations and Their Relation to Quotients*, **The American Mathematical Monthly**, DOI: 10.1080/00029890.2023.2293615

## WORKSHOPS ATTENDED

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- Attended National Science Camp held at IISER Kolkata in 2019.

## ADDITIONAL DUTIES SERVED

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- Mentored a group of students in Online Foundation Course in Mathematics, 2023 organized by the Mathematics Training and Talent Search trust.
- Volunteered in the XXth convocation, 2022 of Tezpur University.
- Member of the organizing committee of InSCIgnis, 2020 - the annual Science fest of Tezpur University.

## LANGUAGES

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- Assamese (*Mother tongue*)
- English (*Limited working proficiency*)
- Hindi (*Fluent*)

## SKILLS

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- C/C++
- $\text{\LaTeX}$ .

## TEST SCORES

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- **TOEFL iBT**
  - Total score : 104/120
  - Reading : 25/30
  - Listening : 28/30
  - Speaking : 23/30
  - Writing : 28/30