

## Employment

- Aug 2022 – **Teaching Fellow**, *Plaksha University, Mohali*  
July 2023 **Courses Taught:**
- **Summer 2023** – *FM 121: Programming and Data Structures*  
Instructors: [Sandeep Manjanna](#), [Manoj Kannan](#)
  - **Spring 2023** – *FM 131: Programming and Data Structures*  
Instructors: [Sandeep Manjanna](#), [Manoj Kannan](#)
  - **Fall 2022** – *FM 111: Computational Thinking*  
Instructors: [Kanchi Gopinath](#), [Manoj Kannan](#)
- Responsibilities:** Syllabus planning, lab instruction, student mentoring, tutorials, grading assignments, and quizzes for a cohort of 98 students.

## Education

- 2020–2022 **M.Sc., Mathematics and Computing**, *National Institute of Technology, Manipur*  
Thesis: *Prime Divisors in an Arithmetic Progression and Explicit abc-Conjecture*  
Advisors: [Shanta Laishram](#), Indian Statistical Institute Delhi
- 2016–2019 **B.Sc., Mathematics**, *GD Goenka University, Gurugram*  
Thesis: *A Study of Hypergeometric Functions*  
Advisor: [Smita Sood](#)

## Internships

- Summer 2018 **Research Intern**, *Indian Institute of Technology, Guwahati*  
Area: Numerical Analysis for ODEs  
Advisor: [Natesan Srinivasan](#)

## Publications

- [1] *Seasonal Variation with respect to Water Quality Index of Ghaggar River*, with Smita Sood et al. (2018). [\[PDF\]](#)

## Projects

- 2017–2018 **Undergraduate Projects**, *GD Goenka University, Gurugram*
- Industrial Input Panel for Blind Operator
  - Distance Measurement Using Ultrasonic Sensor
  - Animated LED Cube, Smart Auditorium System
  - Statistical Analysis of Biomedical Waste in India
  - Forecasting of Electric Vehicle Adoption

## Skills

Programming Python, SQL, C++, Data Structure and Algorithm

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## Conferences and Workshops

- 2023 [Southern Regional Number Theory Conference \(Online\)](#), LSU
- 2022 [Bayou Arithmetic Research Days \(Online\)](#), LSU
- 2022 [FPSAC 2022](#), IISc Bangalore
- 2022 [Workshop on L-functions and Circle Method \(Online\)](#), ICTS-TIFR
- 2020 Applied Physics and Mathematics, NIT Manipur
- 2017–2018 REDSET and IC3TSN, GD Goenka University

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## Awards and Honors

- 2020 All India Rank 861 in IIT JAM (13,186 candidates)
- 2019 Best Co-Curricular Activities Award, GD Goenka University
- 2016–2019 1<sup>st</sup> Rank in UG Studies; Dean's List Honoree, GD Goenka University
- 2022 Travel Grant of INR 10,248 for FPSAC 2022, IISc Bangalore

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## Leadership and Service

- 2020–2022 Student Member, DPPC, NIT Manipur
- 2020–2022 President, Mathematics Society, NIT Manipur
- 2021–2022 Placement Coordinator, Mathematics Dept., NIT Manipur

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## Outreach and Volunteering

- 2023 Teaching Assistant, Young Technology Scholars, Plaksha University
- 2022–2023 Admissions & Outreach, Plaksha University
- 2022 Management Team, Young Creators League