

# Dr. Sheere Farhat Ansari

ASSISTANT PROFESSOR ·

Integral University, Kursi Road, Lucknow, Uttar Pradesh, India-226026

☎ (+91) 7275506365 | ✉ sheere@iul.ac.in / sheerefarhat@gmail.com | 🏠 <https://scholar.google.com>

## Education

---

### University of Lucknow

Ph.D (MATHEMATICS)

Lucknow

ADVISOR: PROF DR. MEENA SAHAI

2016 - 2022

### CSJM University

PPN College

Kanpur

M.Sc (MATHEMATICS)-FIRST DIV

2009 - 2011

### CSJM University

PPN College

Kanpur

B.Sc (MATH, PHYSICS)-FIRST DIV

2006 - 2009

### UP BOARD

INTERMEDIATE-FIRST DIV

Kanpur

2004 - 2006

### UP BOARD

HIGH SCHOOL-FIRST DIV

Kanpur

2003-2004

## Professional Experience

---

**Feb, 2021-** Assistant Professor, Integral University, Lucknow.

**Aug, 2014-Dec, 2014** Assistant Professor, Kanpur Institute of Technology, Kanpur.

**Jan, 2013-Feb, 2013** Project Assistant, Indian Institute of Technology, Kanpur.

## Publications

---

## PUBLISHED

- **Ansari, S. F. and Sahai, M.** Units in  $F(C_n \times Q_{12})$  and  $F(C_n \times D_{12})$ . *Int. Electronic J. Algebra*, 34 (2023), 182-196. DOI:10.24330/ieja.1299278. arXiv:2106.02259.
- **Ansari, S. F. and Sahai, M.** Unit groups of group algebras of groups of order 20. *Quaest. Mathematicae*, 44(4), (2020), 503-511. DOI:10.2989/16073606.2020.1727583.
- **Ansari, S. F. and Sahai, M.** The structure of  $U(F(C_n \times D_8))$ . *Serdica Math. J.*, 46(4), (2020), 387-396.
- **Sahai, M. and Ansari, S. F.** Group of units of finite group algebras of groups of order 24. *Ukrainian Mathematical Journal* 75(2), (2023), 215-229.
- **Sahai, M. and Ansari, S. F.** Derivations and centralizers in rings. *Palestine Journal of Mathematics*, 11(2), (2022), 413-419.
- **Sahai, M. and Ansari, S. F.** The structure of the unit group of the group algebra  $F(C_3 \times D_{10})$ . *Ann. Math. et Inform.*, 54, (2021), 73-82. DOI:10.33039/ami.2021.09.001
- **Sahai, M. and Ansari, S. F.** The group of units of group algebra  $D_{30}$  and  $C_3 \times D_{10}$  over a finite field of characteristic 3. *Int. Electronic J. Algebra*, 29(29) (2021), 165-174. DOI:10.24330/ieja.852146.
- **Sahai, M. and Ansari, S. F.** Unit groups of group algebras of groups of order 18, 49(8), 3273-3282. *Comm. Algebra*, (2021). DOI: 10.1080/00927872.2021.1893740.
- **Sahai, M. and Ansari, S. F.** Unit groups of finite group algebras of abelian groups of order at most 16. *Asian-Eur. J. Math.* 14(3), (2021), 2150030[17 pages]. DOI:10.1142/S1793557121500303.
- **Sahai, M. and Ansari, S. F.** Unit groups of group algebras of certain dihedral groups. *Malaysian J. Math. Sci.*, 14(3), (2020), 419-436.
- **Sahai, M. and Ansari, S. F.** Unit groups of group algebras of generalized quaternion groups. *J. Algebra Appl.*, 19(6), (2020), 2050112[5 pages]. DOI: 10.1142/S0219498820501121.
- **Sahai, M. and Ansari, S. F.** Lie centrally metabelian group ring over noncommutative rings. *Comm. Algebra*, 47(11), (2019), 4729-4739. DOI: 10.1080/00927872.2019.1593428
- **Sahai, M. and Ansari, S. F.** Unit groups of semisimple group algebras of certain dihedral groups. *Serdica Math. J.*, 45(4), (2019), 305-316.
- **Sahai, M. and Ansari, S. F.** Unit groups of group algebras of certain dihedral groups-II. *Asian-Eur. J. Math.*, 12(4), (2019), 1950066[12 pages]. DOI: 10.1142/S1793557119500669

## Communicated Papers

---

- **Ansari, S. F.** On units in  $FD_{3, 2^{n+1}}$ .
- **Ansari, S. F.** Unit group of finite group algebra of a dicyclic group

## Teaching Experience

---

SP 2024	<b>MT206, Mathematical Analysis</b> , Instructor	<i>Integral University</i>
Fall 2023	<b>MT202, Computer based numerical based statistical technique</b> , Instructor	<i>Integral University</i>
SP 2021	<b>MT511, Functional Analysis</b> , Instructor	<i>Integral University</i>
SP 2021	<b>MT306, Real &amp; Complex Analysis</b> , Instructor	<i>Integral University</i>
SP 2021	<b>MT206, Mathematical Analysis</b> , Instructor	<i>Integral University</i>
SP 2021	<b>MT223, Statistics</b> , Instructor	<i>Integral University</i>
2016-2017	<b>Calculus</b> , Teaching Assistant	<i>Uni. of Lucknow</i>
Fall 2014	<b>NCS-303, Numerical Analysis</b> , Instructor	<i>KIT, Kanpur</i>
Fall 2014	<b>NAS-301, Numerical Analysis</b> , Instructor	<i>KIT, Kanpur</i>

## Awards

---

2018	<b>UGC-SRF</b> , in Mathematical Sciences	
2015	<b>GATE</b> , in Mathematics conduct by MHRD	<i>AIR-246</i>
2014	<b>UGC-JRF</b> , in Mathematical Sciences conduct by CSIR-UGC	<i>AIR-81</i>
2012	<b>CSIR-NET</b> , in Mathematical Science conduct by CSIR-UGC	<i>AIR-53</i>

## Fellowships

---

2018-2021	<b>SRF</b> , from UGC	<i>India</i>
2016-2018	<b>JRF</b> , from UGC	<i>India</i>

## Computer Skills

---

- GAP, , Matlab, Mathematica, Latex
- MS Office, MS. DOS, MS Windows
- C, C++

## Teachers Enrichment Workshop

---

### Algebra and Discrete Mathematics

ADVANCED TRAINING IN MATHEMATICS, A JOINT PROGRAMME OF INSA & NCM, PARTICIPATED

MSE, College, Sivakasi

Nov 19, 2020- Jan 3, 2021

### Linear Algebra & its Applications

ADVANCED TRAINING IN MATHEMATICS, A JOINT PROGRAMME OF INSA & NCM, PARTICIPATED

IIT, Jodhpur

Nov 19, 2020- Dec 13, 2020

## Papers Presented in Conference/Symposium

---

### Advancement in natural science: Vedic to modern era

INTERNATIONAL CONFERENCE, PRESENTED A PAPER ENTITLED

- “Unit Groups of Group Algebras of Groups of Order 18”

SRMU, Lucknow

Feb 22-24, 2024

### Algebra and Related Topics with Applications

INTERNATIONAL CONFERENCE, PRESENTED A PAPER ENTITLED

- “Lie centrally metabelian group rings over noncommutative rings”

AMU, Aligarh

Dec 17-19, 2019

### Modern Analysis & Applications

NATIONAL CONFERENCE, PRESENTED A PAPER ENTITLED

- “Unit groups of the finite group algebras of generalized quaternion groups”

BBDU, Lucknow

Nov 16-17, 2019

### Relevance of Vedic Mathematics

NATIONAL SEMINAR, PRESENTED A ORAL PRESENTATION ENTITLED

- “An Introduction to Vedic Mathematics”

DAV, College, Kanpur

Oct 12-13, 2018

### Algebra & Applied Analysis

INTERNATIONAL CONFERENCE, PRESENTED A PAPER ENTITLED

- “Unit groups of group algebras of certain dihedral groups-II”

Integral University, Lucknow

Aug 9-11, 2018

## Conference/ Seminar/ Training Programme Participation

---

### Mathematical & Statistical Computing

NATIONAL SEMINAR

Integral University, Lucknow

May-4, 2024

### Fundamentals On MATLAB

TRAINING PROGRAMME

The Bhopal School of Social  
Science, Bhopal

January-10, 2024

### Refresher Course/FDP completion certificate

Integral University, Lucknow  
Every Saturday Sep 23-Dec 9, 2023

### Spreadsheet Applications-Intermediate Level

QIP WORKSHOP

Integral University, Lucknow  
June 25-July 15, 2021

### Lie Algebra

WORKSHOP-ADVANCED INSTRUCTIONAL SCHOOL

HRI, Allahabad

Dec 10-29, 2018

## Algebra, Analysis & their Applications

INTERNATIONAL SYMPOSIUM

Integral University, Lucknow

Dec 22, 2017

## The Indian Mathematics Consortium

INTERNATIONAL CONFERENCE SPONSORED BY DST

BHU, Varanasi

Dec 14-17, 2016

## Recent Advances in Mathematics & its Applications

NATIONAL SEMINAR SPONSORED BY UGC

BND, College, Kanpur

Feb 12, 2011

## Basic Training Programme in Mathematics

TRAINING PROGRAMME SPONSORED BY DST

BND, College, Kanpur

Nov 17-30, 2008

## Webinars Participation

---

### Mathematical modelling using Maple

CERTIFICATE ID: CITTLCWOMMUM5641

Coimbatore Institute of Technolog

Nov 27, 2020

### Numerical and Scientific Computing

Manipal University, Jaipur

July 1, 2020

### Fluid Dynamics

Manipal University, Jaipur

June 23, 2020

### General Mathematical Tools in Research: Theory and Applications

Teerthanker Mahaveer University

June 15-17, 2020

### Matlab Applications in Sciences and Engineering

CERTIFICATE ID: CONVID191623

Baba Farid College, Patiala

May 29, 2020

## References

---

### Prof. Meena Sahai

DEPARTMENT OF MATHEMATICS AND ASTRONOMY, UNIVERSITY OF LUKNOW

• meena\_sahai@hotmail.com

Lucknow

### Prof. Vivek Sahai

DEPARTMENT OF MATHEMATICS AND ASTRONOMY, UNIVERSITY OF LUKNOW

• sahai\_vivek@hotmail.com

Lucknow

### Dr. Safdar Quddus

DEPARTMENT OF MATHEMATICS, INDIAN INSTITUTE OF SCIENCE

• safdarquddus@iisc.ac.in

Bangalore

### Touseef Ahmad

SCIENTIST AT ISRO-INDIAN SPACE RESEARCH ORGANISATION

• touseef.iisc@gmail.com

Ahmedabad

### Dr. Maninder Singh Arora

DEPARTMENT OF MATHEMATICS, PPN COLLEGE

• maninder\_arora4@rediffmail.com

Kanpur