



Dr. ASHWINI NITIN CHAVAN

Assistant Professor, Department of Engineering Sciences

 anchavan.scoe@sinhgad.edu

OVERVIEW:

Qualifications: Ph.D.(Mathematics), M.Sc. (Mathematics), B.Sc (Mathematics)
Experience: Teaching -27 years
Date of Joining STES: 12/04/2004
Skills and Proficiencies: MS office, MathType, Latex, Mathematica

SIGNIFICANT ACHIEVEMENTS:

Reviewer for various Journals of National & International repute.

- Stood Second in merit at B.Ed.. examination held in May 1995 in Shivaji University, Kolhapur.
- Stood First in merit at C.C.R.L. examination held in May 1993 in Shivaji University, Kolhapur.
- Awarded with Best Teacher award for M-III in 2011-2012 in SIT, Lonavala.
- Moderator at SPP University exams since last 13 years.
- Paper setter at SPP University exams since last 13 years.
- Member of the Reception Committee for First International Conference 'GISFI', held at SIT Lonavala.
- Committee member of Indo-Italian Conference on Green and Clean Environment, held at MITCOE.

AREA OF EXPERTISE /RESEARCH INTERESTS:

- Multiplicative Lattices Theory,
- Theory of Lattice Modules
- Ideal Theory of Commutative Rings
- Research Methodology in Education & Training

NUMBER OF STUDENTS GUIDED:

- PG – 03 , UG – 132 Groups (PBL projects)

RESEARCH PULICATIONS:

Publication Summary:

Scopus/ SCI-05

International Journal: 06

Conference : 02
h-index : 02
i10 index : 0

<https://scholar.google.com/citations?user=qYYsMdEAAAAAJ&hl=en>

FUNDED RESEARCH PROJECT:

- Nil

RESEARCH WORK:

Ph.D. Research Work:

- Elements Weakly Prime and Weakly Primary to Another Element.
- Sigma Elements in Lattice Modules
- Baer Elements in Lattices Modules with respect to Radical Elements.
- On ϕ_2 - Absorbing Primary Elements in Lattice Module.
- Certain Generalized Prime Elements.
- Baer Elements in Multiplicative Lattices with respect to Semi Radical Elements

NOTABLE GUIDED PROJECTS:

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RESOURCE PERSON TO INDUSTRY/ACADEMIA:

- Resource person for Ph. D. Students (SCOE E&TC)
- Resource Person and Subject Expert at SIT, SCOE.
- Organizer for FDP on Mathematical Software at SCOE.
- Moderator at SIT, SCOE.
- FC coordinator at SCOE.
- Reviewer for the prominent journals namely Journal of Advances in Mathematics and Computer
- Reviewer for the Journal Asian Research Journal of Mathematics.
- Reviewer for the Journal of Engineering Research and Report.
- Reviewer for the Journal Asian Journal of Research in Computer Science.
- Reviewer for the Journal Biotechnology Journal International.
- Sciences Delivered an expert session on “Scope of Mathematics in Electronic System” in at SKNCOE, Pune, on 25th January 2024.
- BOS member of Alard University, Pune.
- NAAC visit Peer Committee Coordinator for Language Laboratory at SCOE.

SUBJECTS TAUGHT:

- Engineering Mathematics (M I)
- Engineering Mathematics (M II)

- Engineering Mathematics (M III)
- Discrete Structure
- Discrete Mathematics - M.C.A.
- Basic Mathematics
- Engineering Mathematics Diploma Second Year
- Engineering Mathematics.

FDP/STTP/SDP/WORKSHOPS ORGANIZED AS A COORDINATOR:

- Mathematical Software, at Sinhgad College of Engineering, Pune 19-02-2021 to 21-02-2021
- Mathematics Day celebration SCOE, Pune 22/12/2021 , 22/12/2023.
- Organizer of Ramanujan Mathematical Club in COEP.
- Workshop (Hands-on)on Excel and dashboard SCOE, Pune 04/01/2024 to 05/01/2024.
- Co- coordinator of one-week online STTP on Linux and Libre Office (CSTTPLLO-2024), Sinhgad College of Engineering, Pune, 22-26 July 2024.

CONFERENCES ATTENDED:

- **National Conference on Technical Revolution (2017).**
- **2nd International Conference on Recent Challenges in Engineering and Technology (2017)**
- **International conference on Recent Trends in Mathematics.(2018)**
- **International Conference on Advanced Computing and Intelligent Technology (2021)**
- **National Symposium on “Enhancing Quality & Driving Change in Higher & Technical (2021)**
- **Education through NEP-2020 (2021)**
- **Achieving Academic Excellence-A Case Study of NIRF (2021)**
- **International Conference on Gender Equality and Woman Empowerment (2022)**

FDP/STTP/SDP ATTENDED:

- TEQIP/AICTE/ISTE/IETE sponsored FDP -01 /03/ 03
- Others -14

RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:

Society Level

- LMC member - Representative of Teaching Staff at Smt KP D Ed College
- FC Coordinator.
- Central Library In-charge
- Member – Sinhgad Karandak.
- University Exam In-charge, Paper setter, Chairman for University Exam.
- Worked in admission counselling as member, delivered a seminar.
- Institutional Coordinator for admission.
- Coordinator for Language lab.
- Resource person for Ph. D. Students
- Subject Expert (Mathematics III) TTT organized by STes.

Institute Level (SCOE)

- Working as a admission counselling as member.
- Admission Activity Incharge.
- Worked as a Departmental Coordinator for Criteria 5 (NAAC) and Institutional Coordinator for Language lab.
- Worked as member of Anti-ragging Committee.
- Worked as Event Co-Ordinator for Mission 2021 Admission Counselling Cell.

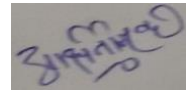
Department Level (Engineering Sciences)

- FC Coordinator.
- Organizer of FDP for Mathematics.
- In-charge HoD in SCOE Form 06/03/2023 to 20/03/2030 and 12/07/2023 to 25/07/2023
- Departmental Internal Exam In charge.
- Worked as AQAR coordinator
- Departmental FE Coordinator.
- Language Lab Coordinator.
- PCS Coordinator.
- NAAC Criterion 5 Co-Ordinator.

DECLARATION:

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date: 10 / 12 / 2024



Signature