



Dr. ADITI KALYAN DIWAN

Assistant Professor, Department of Engineering Sciences (FE)

 akdiwan.scoe@sinhgad.edu

OVERVIEW:

Qualifications: Ph.D. (Chemistry), M. Sc. (Physical Chemistry), B. Sc. (Chemistry)
Experience: Teaching -19 years
Date of Joining STES: 18/09/2006
Skills and Proficiencies: Life coach for EQ Development.

SIGNIFICANT ACHIEVEMENTS:

- Senior Research Fellowship SRF
- Best paper presentation Awards
- Engineering Chemistry Book published (Nirali Publication)

AREA OF EXPERTISE /RESEARCH INTERESTS:

- Nanoscience and Nanotechnology

NUMBER OF STUDENTS GUIDED:

- UG – 15

RESEARCH PULICATIONS:

Publication Summary:

Scopus/ SCI-	12
International Journal:	12
h-index :	07
i10 index :	06

https://scholar.google.at/citations?user=afC_EgkAAAAJ&hl=en

RESEARCH WORK:

Phd Research Work:

- Developed polymer Nanoparticle based chemical vapour sensors.

RESOURCE PERSON TO INDUSTRY/ACADEMIA:

- Delivered expert lecture on Applications of nanotechnology in medicine and cosmetics.

SUBJECTS TAUGHT:

- Engineering Chemistry
- Chemistry – I
- Chemistry – II
- Industrial Chemistry – I
- Industrial Chemistry – II

CONFERENCES ATTENDED:

- International – 02
- National – 12

FDP/STTP/SDP ATTENDED:

- TEQIP/AICTE/ISTE/IETE sponsored FDP - 25
- Spoken Tutorial IIT Bombay sponsored FDP - 01
- Others - 12

RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:**Institute Level (SCOE)**

- NAAC committee member
- Committee member for Sinhgad Karandak and Techtonic.
- Member of ARC during Admissions.
- Coordinator for verification committee during F. E. Admissions.
- Coordinator for SC/FC 2025

Department Level (Engineering Sciences, FE)

- Chemistry Lab In charge .
- Teacher Guardian, Class Teacher .
- Subject Coordinator.
- Organizing committee member for various Staff Development Programs & workshops, seminars.
- Departmental Feedback Committee Coordinator during 2017-18
- Departmental NAAC/NBA Co-Coordinator
- Project Guide for BE students
- NAAC Coordinator for criteria 2.
- Departmental Induction floor Coordinator.

DECLARATION:

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

Date: 10/12/2024