

GHARDA FOUNDATION'S
GHARDA INSTITUTE OF TECHNOLOGY

FACULTY PROFILE

of

Dr. Sudesh D. Ayare

(Department of Chemical Engineering)



PERSONAL PROFILE

Full Name	:	Dr.Sudesh Devchand Ayare
Highest Educational Qualification	:	PhD in Chemical Engineering from ICT Mumbai
Permanent address	:	2 BHK (Vishalgad), Staff Quarters,GIT, Lavel
Contact telephone numbers	:	9405732206
E-mail id	:	Sudeshayare84@gmail.com
Current designation	:	Assistant Professor
No. of Research papers	:	04
Number of Conferences / Workshops / STTPs conducted	:	02
Number of Conferences / Workshops / STTPs attended	:	08
Syllabus workshops	:	01
Technical Seminar /Workshops	:	04

EDUCATIONAL QUALIFICATION

Degree	Specialization	Year of passing	Institute/University	Percentage
B. Tech	Fluid Flow Operation, Heat Transfer, Process Calculation	2008	Dr. BATU, Lonere	7.18
M.Tech	Advanced Mass Transfer	2011	Dr. BATU, Lonere	7.22
PhD	Wastewater Treatment	2021	ICT, Mumbai	

GRANT RECEIVED

Sr. No.	Title	Awarded by	Date	Grant Received
1.	Minor Research Project Grant	University of Mumbai	2020	Rs. 35000/-

RESEARCH PAPER(S)

PAPERS PUBLISHED IN REFERRED JOURNALS

Publication	Title of paper	Year of Publication
Ultrasonics - Sonochemistry	Sonocatalytic treatment of phosphonate containing industrial wastewater intensified using combined oxidation approaches	2019
Separation and Purification Technology	Sonophotocatalytic oxidation based treatment of phthalocyanine pigment containing industrial wastewater intensified using oxidising agents	2020
Chemical Engineering & Processing: Process Intensification	Sonochemical, photocatalytic and sonophotocatalytic oxidation of flflonicamid pesticide solution using different catalysts	2021
Environmental Technology & Innovation	Degradation of Tricyclazole fungicide using combined oxidation strategies based on ultrasound, ultraviolet irradiation and microwave	2022

PAPER PRESENTED AT CONFERENCES (National/International)

Sr. No.	Conference	Title	National/ International	Location	Year
1.	Recent advances in Engineering and Technology	Extraction of Pharmaceutical ingredient from <i>Ocimum sactum linn</i>	National	GIT, Lavel	2013

**NATIONAL AND INTERNATIONAL CONFERENCES / WORKSHOPS / STTPS
CONDUCTED / ATTENDED**

TECHNICAL WORKSHOP/STTP/SEMINARS

Sr. No.	Name of the course	Conducted By, Place	Duration and Year
1.	Heat Transfer	IIT Bombay, VIT, Pune	Two week, Dec.2011
2.	Akash for Education	IIT Bombay, GIT, Lavel	Two days, Nov. 2012
3.	Engineering Thermodynamics	IIT Bombay, GIT, Lavel	Two week, Dec.2012
4.	Fluid Mechanics	IIT, Khargpur, GIT, Lavel	Two Week, May 2014
5.	Control System	IIT, Khargpur, GIT, Lavel	Two Week, Dec.2014
6.	Energy Crisis and Role of Energy management	GIT, Lavel	One week, July 2015
7.	Recent Advances in Polymer Technology and Its Application	GSRF, GIT, Lavel	One day 20 Aug 2016
8.	Process Intensification	ICT, Mumbai	Two days Sept. 2016
9.	ANSYS Fluent (CFD) Software Training	Innovent engineering solution, GIT, Lavel	One week Nov. 2016
10.	Piping Engineering and design	Git, Lavel	One day 11 April 2019
11.	Design of Shell and Tube Heat exchanger	Bharati Vidhyapith College of Engineering, Navi Mumbai	31 May 2020
12.	Refinery Management and Technology	Finolex Academy of management and technology, Ratnagiri	6 June 2020
13.	Development and Impact of Recent Technologies and Innovations in Chemical Engineering	Mahatma Gandhi Mission College of Engineering and Technology	One week June 2020
14.	Computer Aided software for Process Intensification	AICTE-ISTE, GIT, Lavel	One week April 2021
15.	Computer Aided software for Process Intensification	AICTE-ISTE, GIT, Lavel	One week Feb-2021
16.	Recent advances in Wastewater Treatment	SDM College of Engineering and Technology, Dharwad	One Week Nov. 2021

**CONTRIBUTIONS AT UNIVERSITY LEVEL:
SYLLABUS REVISION**

Sr. No.	Year	Name of the college	Subject	Contribution
1.	2021	Online mode	Solid Fluid Mechanical operation	Subject Expert Committee member
2.	2020	V. E. S. Institute of Technology, Chembur	Research Methodology	Subject Orientation
3.	2017	Shivajirao Jondhale College of Engineering, Dombivali	Solid Fluid Mechanical operation	Subject Expert Committee member
4.	2017	Shivajirao Jondhale College of Engineering, Dombivali	Process Equipment Design	Subject Expert Committee member

**EXTRA CURRICULAR ACTIVITIES / ORGANISING COMMITTEE
EXTRA CURRICULAR ACTIVITIES**

Sr. No.	Name of the activity	Year	Role
1.	CDC	2020	Member
2.	Cultural Club	2011-13 Chairman, 2014 to 2018 Member	Chairman, Member
3.	Nature Club	2011 to 2020 Chairman	Chairman
4.	NSS	2011 to 2014 Program officer, 2014 to 2022 member	Program officer, Member
5.	Manthan	2011-13 Chairman, 2014 to 2017 Member	Chairman, Member
6.	SRC Coordinator	2011-2016	Chairman, Member
7.	Brandding Comittee	2020, 2021, 2022	Member
8.	SHODH Coordinator	2015,2017	Coordinator
9.	Alumni Association Coordinator	2016 - 2018	Coordinator, Member
10.	Unfair means Inquiry Committee	2014-2016	Member

WORKED AS RESOURCE PERSON: TAUGHT SUBJECTS & WORKED AS JUDGE

Sr. No.	Subject	Name of College	Date
1.	Process Calculation	Maharashtra Polytechnic, Mandangad	21/02/2018
2.	Recent Trends in Chemical Engineering	Petro Chemical, IOPE Lonere	26/12/2022
3.	Worked as Reviewer	Journal of Water Process Engineering	03 Reviews Since 2020

Prof. Dr. S. D. Ayare