# SRES', Sanjivani College of Engineering, Kopargaon

(An Autonomous Institute affiliated to SPPU, Pune)

# **Staff Profile**

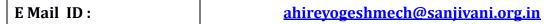
#### **Personal Information**

Name of Teaching Staff: Mr. Yogesh H. Ahire

**Designation: Assistant Professor** 

**Department: Mechanical Engineering** 

**Date of joining : 28/8/2008** 



Contact No: (+91) 9881290264

#### **Education Details**

Qualification	Specialization with Class or Grade	University	Year
UG	Mechanical Engineering	Pune University	2004
PG	Heat Power (Thermal) Engineering	Dr. B.A.M.U.	2016
Ph.D	Thermal Engineering	SVNIT Surat	Pursuing

#### **Total experience in years:**

Teaching: 16.5Yrs

Industry: --

#### **Research and Publications**

Ahire, Y. H., & Lahane, S. (2018). COMPARATIVE STUDIES OF COMBUSTION, PERFORMANCE AND EMISSION PARAMETERS OF DIESEL ENGINE USING CASTOR BIODIESEL BLENDS. Asian Journal For Convergence In Technology (AJCT) ISSN-2350-1146, 4(3).

Ahemad, J., Kapgate, R. A., Sadaphal, N. D., & Ahire, Y. H. (2015). Tribological behavior of AL-LM25 and SiC. Int. Res. J. Eng. Technol, 2, 893-897.

#### **Book Chapters:**

## **Papers presented in conferences:**

A. Gholap, P. Londhe, O. Ghige, P. Nagare, P. Lohakane and Y. Ahire, "Innovative Practices of Waste Heat Recovery Systems Utilizing Turbo-Compounding and Organic Rankine Cycle," 2024 4th International Conference on Innovative Practices in Technology and Management (ICIPTM), Noida, India, 2024, pp. 1-6, doi: 10.1109/ICIPTM59628.2024.10563477.

Y. H. Ahire, "COMPARATIVE EVALUATIONS OF COMBUSTION, PERFORMANCE AND EMISSION CHARACTERISTICS OF DIESEL ENGINE USING CASTOR BIODIESEL BLENDS", International Conference on Insights in Mechanical & Civil Engineering (ICIMCE-2019), DYPIET, Pune, India, 26-27 April 2019

YH Ahire, Subhash Lahane, NG Patil, DB Lata, "INVESTIGATION OF COMBUSTION, PERFORMANCE AND EMISSION CHARACTERISTICS OF A CASTOR BIODIESEL FUELLED COMPRESSION IGNITION ENGINE", 24th National Conference on IC Engines and Combustion (24th NCICEC-2015), University of Petroleum and Energy Studies (UPES)-Dehradun, 30 Oct - 01 Nov 2015 [https://www.researchgate.net/profile/Yogesh-Ahire/research]

#### **Research Profile URL**

Google	https://scholar.google.com/citations?user=knFr5 wAAAAJ&hl=en&o
Scholar	<u>i=sra</u>
Scopus	Scopus Author ID: https://www.scopus.com/authid/detail.uri?authorId=59207801500
Orcid	

#### **Other Research Details**

Ph D Guide ?Give field & ....

University:	NIL	
Ph Ds/ Projects Guided:		
Books Published		
	Patent Granted: 01	
IPRs/Patents	1. Seed Spreader Machine	
	Certificate No: 188487	
	Design No: 434998-001	
	Date of Issue: 21/10/2024	
Professional	Life Member of Indian Society of Technical Education	
	(ISTE)	
Memberships:	<ul> <li>Member of Institute of Engineers India (MIE)</li> </ul>	
Interaction with	1)VIDNYANGRAM Ankoli, Solapur	
professional	2) VIGYAN ASHRAM Pabal, Pune	
institutions	3)SAMUCHIT ENVIRO TECH Pune	

Consultancy Activities				
Duration	Title of Activity	ty Issued Organization Amount		
Grants fetched				
Duration	Title	Issued Organization Amou		
Awards				

## **Awards**

• GOLD MEDAL in NPTEL Course "Introduction To Research" in May-2019 exam.

# FACULTY DEVELOPMENT PROGRAMMES ATTENDED

Name of the FDP / Workshop	Organization	Duratio n	Month- Year
(ATAL) Academy Online Elementary FDP on "Alternative fuels for IC Engine"	University College of Engineering (UCET), Vinoba bhave University Hazaribag.	05 days	02/08/20 21 to 06/08/20 21
One-week Online STTP on "Computational Fluid Dynamics -Part II(Intermediate Level)"	Centre for Continuing Education, Department of Mechanical Engineering, S.V. National Institute of Technology, Surat	05 days	August 16- 20,2021
Strategies to Improve R&D Activities in Engineering Institutes	SRES's Sanjivani College of Engineering Kopargaon	05 days	27 <sup>th</sup> September to 1 <sup>st</sup> October, 2021
Two days webinar on "Mass transfer- Theory and Applications"	Mechanical Engineering Department, Imperial College of Engineering and Research, Wagholi, Pune	02 days	25th -26th Oct. 2021
Online "3 Day workshop on Python"	Teaching Learning Centre (ICT) at IIT Bombay,	03 days	28 October to 30 October

				2021
Online "2 Day Workshop on OpenFOAM"	Teaching Learning Centre (ICT) at IIT Bombay,		02 days	13 November to 14 November 2021
One week National Level FDP on "Role of CFD in Engineering Application" [Online]	Modern Education Society's College of Engineering, Pune- 411001		05 days	(03Jan22 to 07Jan22)
Online "SciPy India 2021 Conference"	FOSSEE, IIT Bombay		02 days	21 and 22 January 2022.
Online FDP on "Design and simulation in Solid and Fluid Mechanics Applications using Ansys -R21"	PVG's College of Engineering and Technology & GK Pate (Wani) Institute of Management, Pune 09		05 days	31 Jan-04 Feb 2022
(ATAL) Academy Online Elementary FDP on "Computational Mathematics using Computer Algebra Systems with Applications to Machine Learning "	Institute of Chemical Technology(ICT), Bombay.		05 days	11/02/20 22 to 15/02/20 22
One Week Online National Workshop On "Introduction to Python with Practice"	Department of Mechanical Engineering, Imperial College of Engineering & Research, Wagholi, S.No 720/2, Nagar Road, Wagholi, Pune – 412207		05 days	22nd to 26th March 2022
FACULTY DEVELOPMENT PROGRAMMES ORGANIZED				
Name of the FDP / Workshop	Organization	Duration	Month- Year	Capacity

INVITED LECTURES IN CONFERENCE/SEMINAR				
Title of Lecture/ Academic Session	Title of Conference/ Seminar etc.		Organized	I By

OTHER Professional URLs		
Personal Website	https://yhahire.wordpress.com/	
Linked In Profile	https://www.linkedin.com/in/yogesh-ahire-82096028	
GitHub URL	https://github.com/yhahire	
YouTube Channel	https://www.youtube.com/user/ahireyh	
Other	Researchgate Profile https://www.researchgate.net/profile/Yogesh- Ahire?ev=hdr_xprf	