



**AISSMS**  
**COLLEGE OF ENGINEERING**

ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade



## Department of Mechanical Engineering Faculty Profile



### Mr. Shahid Ali I.A

PhD (Tech) (Pursuing) MTech(Thermal & Fluid Engg.)

Assistant Professor

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<https://scholar.google.co.in/citations?user=pkD66RYAAAAJ&hl=en>

<https://www.researchgate.net/profile/Shahid-Ali-Ansari>

### Research Areas / Areas of Interest

Thermal Energy Storage, Multi Phase Flow, Thermal Engineering, Fluid Dynamics

### Personal Details

<b>Date of Birth :</b>	15 / 07 / 1986	<b>Domicile:</b>	Maharashtra	
<b>Gender :</b>	Male	<b>Blood Group:</b>	AB+ve	
<b>Contact Details:</b>	AISSMS , Pune – 411014			

Academic Background					
S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D (Tech)	Mechanical Engineering	ICT Mumbai	.....	Pursuing
2	M.Tech	Mechanical – Thermal & Fluid Engineering	Dr.Babasaheb Ambedkar Technological University	First class	December 2011
3	B.E.	Mechanical Engineering	North Maharashtra University	First Class with Distinction	June 2009

### Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	11	02
2	Research	00	00
3	Industry	00	00
4.	Others	--	--
<b>Total</b>		<b>11</b>	<b>02</b>

### Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Engg Thermodynamics	UG	SE (Mechanical Engineering)	10
2	Thermal Engg	UG	SE (Mechanical Engineering)	08
3	RAC	UG	TE BE (Mechanical Engineering)	08
4	Turbo machinery	UG	TE (Mechanical Engineering)	06
5	Power plant engineering	UG	BE(Mechanical Engineering)	05
6	Heat And Mass Transfer	UG	TE (Mechanical Engineering)	02
7	Mechatronics	UG	TE (Mechanical Engineering)	2

## Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
<b>Journals</b>	05	06	0	3	0
<b>Conferences</b>	04	05	1	0	0

## Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1.	<b>An Overview: Applications of Thermal Energy Storage Using Phase Change Materials</b>	Shahid Ali ↑, S.P. Deshmukh	Feb 2020,	Materials Today: Science Direct Elsevier. I.F =1.4 <a href="https://doi.org/10.1016/j.matpr.2020.02.247">https://doi.org/10.1016/j.matpr.2020.02.247</a>	2214-7853	Materials Today
2.	<b>Improvement of Mechanical Properties of Aluminium Nano Composites Reinforced with Zirconia Nano Particle</b>	Mahvi Malik Shahzad1, Shahid Ali2	Jan 2019,	Vol. 29, No. 8s, (2020), pp. 4941 – 4951	(0747-9964	International Journal of Advanced Science and Technology
3.	<b>“Investigation of Hydraulic Jump due to Two Phase Air –Water Flow in a Rectangular Duct”</b>	Shahid ali	January 2015	Vol.9 No.2 July 2015 <a href="http://dx.doi.org/10.18000/ijodam.70153">http://dx.doi.org/10.18000/ijodam.70153</a>	Vol.9 No.2 July 2015	International Journal on Design and Manufacturing Technologies

## Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
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1.	Elevator Water Pump	Prof. Shahid Ali1, Lukman Memon2	November 2018,	6th International Conference on Recent Trends in Engineering & Technology (ICRTET - 2018)	www.ijream.org	SNJB NASHIK
2.	Experimental Investigation on Hydraulic Jump in Sudden Expansion Duct	Shahid Ali1, Mudassir Ansari2,	June 2019,	1st National Conference on Technology	ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 23-28	Maulana Mukhtar Ahmed Nadvi Technical Campus (MMANTC) India
3	A Review on Utilization of Waste Plastic in Bituminous Roads	Tauseef Ansari3, Shahid Ali4,	June 2019	1st National Conference on Technology	ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 34-39	Maulana Mukhtar Ahmed Nadvi Technical Campus (MMANTC) India

#### PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	00	10

#### Professional Memberships

Professional Body	Level ( National/ International)	Type (Fellow/Life/Annual)	Membership No.
-	-	-	-

#### Patents / IPR Filed / Granted

<b>S. No</b>	<b>Investigator Details</b>	<b>Title</b>	<b>Year</b>	<b>Status (Filed/Granted)</b>	<b>Details</b>
	-	-	-	-	-

### Books Published

<b>S. No</b>	<b>Title</b>	<b>Name of the Publisher</b>	<b>ISBN/ISSN Number</b>
	-	-	-

### Research Grants Received

S. No	Program	Duration	Funding Agency	Grant Amount
1	Design of evaporator cavity	1 YEAR	Shree Ram cold storage	10000

### Details of Workshop / STTP / FDP / Seminar / Conferences Organized

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
	-	-	-	-	-

### Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
1	MMANTC	CO-PO Mapping & its Attainment	State	10th Sep 2020

### Details of Workshop / STTP / FDP / Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	<b>Thermal Energy Storage for Building Applications</b>	FDP	25th January 2021 to 29th January 2021	National Institute of Technology Rourkela	AICTE
2	<b>Solar Energy Conversion &amp; Storage</b>	FDP	31/08/2020 to 04/09/2020	Rajasthan Technical University, Kota	AICTE
3	<b>NPTEL</b>	Workshop	Aug 13, 2020	Galgotias University, Uttar Pradesh	AICTE



4	<b>Bio-Energy: Technologies &amp; Transitions</b>	STTP	13 - 17 May, 2020	National Institute of Technology, Kurukshetra	TEQIP-III
5	<b>Thermal Energy Storage for Effective Energy Management</b>	QIP short term course	10-14 Feb, 2020	IIT Kanpur	QIP
6	<b>Research Methodology-Techniques and Software</b>	STTP	11 <sup>th</sup> -15 <sup>th</sup> November 2019.	KBPCOE Satara	Dr BATU
7	<b>Two Week ISTE Workshop on Fluid Mechanics</b>	<b>Two Week ISTE Workshop</b>	20th to 30th May 2014.	IIT kharagpur	ISTE
8	<b>Two Week ISTE Workshop on Engineering Mechanics</b>	<b>Two Week ISTE Workshop</b>	6th Nov to 06th Dec, 2013.	IIT Bombay	ISTE
9	<b>Advanced Computational Fluid Dynamics (ACFD)</b>	FPD	28 <sup>th</sup> June to 02 <sup>nd</sup> July 2014.	MNNIT Allahabad	AICTE
10	<b>LaTeX</b>	STTP	16th to 17th March 2012	GIT Lavel	GIT Lavel

**Major Professional Responsibilities Handled**

S. No.	Role and Responsibilities
1.	Project coordinator, TPO, NAAC, NBA and Faculty Audit documentation, Project Guidance to UG students, Mentor for UG.

**Awards Received**

S. No.	Awards
1.	

**Declaration:** I hereby declare that all the statement made above are correct to the best of my knowledge and belief.



**Shahid Ali I.A**

(Name with Signature)

