





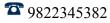
#### Accredited by NAAC with "A+" Grade

## **Department of Mechanical Engineering**

#### **Faculty Profile**

# Prof.(Dr) S.J.Navale PhD (Mechanical Engineering) Assistant Professor ヌinavale@aissmscoe.com

sinavale@gmail.com



https://scholar.google.com/citations?view\_op=list\_works&hl=en&user=tBZabuEAAAAJ



Thermal Engineering, IC Engines, Combustion Modelling, Heat Transfer

#### **Personal Details**

Gender: Male Blood Group: B+ve

Contact Details: B2/42, Sobapuram Apartment, Warje, Pune – 411058

## Academic Background

S. N0.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D.	Mechanical	Pune		Sep 2018
		Engineering			
2	M.E.	Mechanical –	Shivaji	I <sup>st</sup>	May 2003
		Design Engg.			
3	B.E.	Mechanical	Pune	II	May 2000
		Engineering			

## Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	16	07
2	Research	00	00
3	Industry		
4. Others			
Total		16	7

## Subjects / Courses Taught

S.	Subject	UG/PG	Class	No of times
No.			(FE/SE/TE/BE/ME)	Subject Taught
1	Heat Transfer	UG	TE (Mechanical)	04
2	Applied Thermodynamics	UG	SE (Mechanical)	04
3	Computer Oriented Numerical Methods	UG	TE (Mechanical)	06

4	I.C.Engines	UG	TE (Mechanical)	05
5	Noise, Vibration Harshness	PG SY(Mechanical –		01
			Automotive)	
7.	Basic Mechanical Engineering	UG	FE	04
8	Engineering Graphics	UG	FE	04

## **Research Publications**

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	0	03	0	03	01
Conferences	01	01		0	

## **Publication Details (Journals)**

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1.	An experimental study on performance, emission and combustion parameters of hydrogen fueled spark ignition	S.J. Navale R.R. Kulkarni S.S. Thipse	2017	International Journal of Hydrogen Energy, 42 (12), 8299-8309	ISSN 0360- 3199	Elsevier
	engine with the timed manifold					

	injection system					
2	Simulation Model	S.J.	2015	International	ISSN: 2289-	University
	of Hydrogen	Navale		Journal Of	679X	Malaysia
	Fueled SI Engine	R.R.		Engineering		Pahang
				Technology And		
		Kulkarni		Sciences,4(1),1-		
		S.S.		7		
		Thipse				
3	Investigation of	K. R.		International	<b>eISSN</b> 2319-	IJRET
	Performance of SI	Kapadani		Journal of	1163	
	Engine with Fuels	, S. J.		Research in		
	- Gasoline,	Navale		Engineering		
	Natural Gas And			and Technology		
	H-Cng5 Gas					

## **Publication Details (Conferences)**

S.	Document Details	Authors	Year	Conference	ISBN	Organised
No	Document Details	Authors	Teal	Details		by
1.	Performance prediction of a single cylinder hydrogen fuelled spark ignition engine using simulation	S.J. Navale R.R. Kulkarni S.S. Thipse	2018	International conference on Advances in Thermal Systems, Materials and Design Engineering	ISSN 2352- 5398	VJTI, Mumbai
				(ATSMDE2017)		

## PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	01	60

## **Professional Memberships**

Professional	Level	Туре	Membership
Body	( National/ International)	(Fellow/Life/Annual)	No.
Tribology			
Society of			
India			

## Patents / IPR Filed / Granted

S.	Investigator	Title	Year	Status	Details
No	Details			(Filed/Grante	
				d)	

#### **Books Published**

S.	Title	Name of the	ISBN/ISSN
No		Publisher	Number

## Research Grants Received

S.	Program	Duration	Funding	Grant Amount
No			Agency	
1.	Research Project on,	2014-16	BCUD, SPPU, Pune	INR1.15 Lacs
	"Experimental			
	Investigations on SI			
	Engine fueled with			
	hydrogen gas as an			

alternate fuel".		

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

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

#### **Contribution as Resource Person**

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date

#### **Details of Worshop / STTP / FDP / Conferences Attended**

S. N	Title	Туре	Duration	Organizer	Sponsoring Agency
1	Combustion Modelling And Diagnostics	SER B Scho ol	October 7- 11, 2013	Jointly by IIT Indore and IIT Madras at IIT Indore	DST,MHRD
2	Applications Of Matlab And Simulink For Engineers	Cour se	October 18-2 November	Mechanical Department ,COEP	
3	Vision-Mission-PEO-PSO-PO-CO: Framing, Mapping, Assessment and Attainment	FDP	10-15 June 2019	AISSMS College of Engg, Pune	ISTE

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	Incharge of Student's Association at Institute level.

#### **Awards Received**

S. No.	Awards

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

Dr. S.J.Navale

(Name with Signature)