

TEACHING EXPERIENCE (33 years)

- ✓ Working as Professor and Head of Dept. of Mechanical Engg. at R.M.D, Sinhgad School of Engg., Pune from 12 Dec 2013.
- ✓ Worked as Principal at Navsahyadri Group of Institutions, Faculty of Engineering, Pune Satara Road, Naigaon (From 9/1/2012 to 11/12/2013)
- ✓ Worked as Professor at ZES, Dnyanganga College of Engg. & Research, PUNE from 6th Sept 2011 to 7th Jan 2012.
- ✓ Worked as Professor & Head, Dept. of Mech. Engg. at College of Engg, Kopargaon from 29/11/2002 to 5/9/2011.
- ✓ I was working as an Asst. Prof. at College of Engg. Kopargaon from 26th Aug. 1992 to 30th Sept. 2000.
- ✓ I have worked as Lecturer in Mech. Engg. Dept. at College of Engg. & Tech., Bijapur from 16th July 1984 to 19th Aug. 1992.

PUBLICATIONS :

1	<i>"Feasibility study of groundnut oil as an alternate to C.I.Engine"</i> , Proceedings of the Fourth Annual Paper Meet, the Institution of Engineers, Bangladesh, Mech. Engg. Division 23-25 Oct. 1997.
2	<i>"Producer Gas Operated Diesel Engine Using Groundnut Shells"</i> at the 21 st National Solar Energy Convention-97 held at Anna University, Chennai, December 22-24 1997.
3	<i>"Producer gas from Rice Husk Gasification"</i> at national Seminar on Energy for Better Tomorrow (EFBET) at KIT, Ramtek, December-1997.
4	<i>"Biodiesel- An alternative fuel for diesel engines"</i> at National Conference on emerging Trends in Mech. Engg.(e-Time2004), Feb. 5-6 2004, at KDK College of Engg. Nagpur.
5	<i>"A review of alternative fuels for diesel engines"</i> , National Conference on Energy Management in Changing Business Scenario (EMCBS-2005) 8-9 October 2005 at BITS, Pilani.
6	<i>"Performance of A Diesel Engine Using Methyl Ester of Cottonseed Biodiesel)"</i> , at the National Conference at SRCEM, Gwalior April 28-29 2007.
7	<i>"Experimental Investigation of ethanol- Diesel Fuelled Diesel Engine"</i> at the International Conference on Recent Developments in Mechanical Engg. at SUSCET, Tangori, Punjab.Jan. 2008.
8	<i>"Performance Evaluation of Cottonseed Oil Biodiesel Fuelled D.I. Compression Ignition Engine"</i> International Journal of Engg. Research and Industrial Applications, IJERIA, Vol. 2, No.5 (2009), pp. 365-375
9	<i>"Emission and performance characteristics of Karanja biodiesel and its Blends in a C.I. engine and its economics"</i> , ARPN Journal of Engineering and Applied Sciences (JEAS), Vol. 5, No. 2, February 2010.
10	<i>"Performance and Emission Characteristics of Karanja-Jatropha Biodiesel Blends in a Diesel Engine"</i> , at National Conference on Production Engg. (NCPE-2010) at S G G S I E & T, Nanded, Dec. 3-4 2010.
11	<i>"Effect of injection pressure on emission and performance characteristics of Karanja biodiesel and its blends in C.I. Engine"</i> International Journal of Applied Engg. Research Dindigul, Volume 1, No 4, 2011. ISSN 0976- 4259

12	“Performance of diesel engine using blends of esters of Jatropha and Karanja- A Novel Approach” , International Journal of Advanced Engineering Technology, IJAET/Vol.III/ Issue III/July-Sept, 2012/51-54.
13	“Prediction of performance and emission of castor oil biodiesel in diesel engine” International Journal of Mechanical and Production Engineering, ISSN: 2320-2092, Volume-1, Issue-1, July-2013.
14	“Prediction of Performance and Emission of Palm oil Biodiesel in Diesel Engine” Second International Conference on Emerging Trends in Engineering (SICETE), Dr.J.J.Magdum College of Engineering, Jaysingpur [IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) ISSN: 2278-1684, PP: 16-20
15	“Performance Evaluation of Intermittent Solid Adsorption Refrigeration System Running On Solar Energy” International Journal of Innovative Research in Science, Engineering and Technology, Volume 3, Special Issue 4, April 2014.
16	“ Study of Parametric Effects on Floating and stable Equilibrium Lengths of Composite Cylinder of Uniform Cross-Section in water” International Journal of Advanced Production and Industrial Engineering, IJAPIE-2017-02-217,

QUALIFICATIONS

Exam.	Year of Passing	University/ Board	%	Class
S.S.L.C.	1977	S.S.C. Board, Bangalore	75.20	First
P.U.C.	1979	P.U.E. Board, Bangalore	80.83	Distinction
B.Tech (Mech)	1984	K.R.E.C. (N.I.T.) Surathkal	75.00	Distinction
M. Tech(Thermal & Fluids Engg)	1989	I.I.T.Bombay, Powai, Mumbai	7.29/10	C.P.I.
Ph.D	2011	S R T M U, Nanded.	---	---

Recognised Ph.D guide of Savitribai Phule Pune University, (SPPU), Pune.

ACHIEVEMENTS

- ✓ Institute Coordinator for NAAC. SSR submitted in May 2017.
- ✓ Approved Professor of University of Pune from 01/10/2000.
- ✓ The department received accreditation from NBA, New Delhi in July2008 for 03 years during my tenure as Head of the Dept.
- ✓ I was Chief Co-ordinator of a project **“Alternative Sources of Energy”** which was funded by **AICTE, New Delhi. (Grant received for the project under TAPTEC, Rs. Five Lakhs)** which has been successfully completed.
- ✓ Principal Investigator of project on **“Alternate fuels”** and working on Biodiesel as an alternate fuel to diesel. **The grants received for the project is Rs. 3 lakhs from BCUD, University of Pune.**

Organised:

- ✓ Organised a Regional Conference for Pune University College Teachers under BCUD on November 24-25 2008, **INNOVATION 2008**. (As co-ordinator).
- ✓ Organised a National Conference on Recent Trends In Mechanical Engineering- **R-TIME 2004**, during July 23-24 2004.
- ✓ Organised 03 National level paper presentation contests for students of Mechanical on behalf of MESA (Mechanical Engg. Students Association).

Attended:

- ✓ All India Workshop on 'High Speed Forming of Metals' at Annamalai University, Annamalainagar from June17- 18 1985.
- ✓ **"Workshop on Experimental Techniques in Fluid Mechanics"** at M.I.T., Pune, Organised by Indian Society for Hydraulics January 7-11, 1995 (5 days).
- ✓ ISTE Summer School on **"Motor Vehicle Emission regulations, Test Cycles and Control Methods"** at I.I.T. Chennai from May15-26,'95.
- ✓ A one day seminar on **"Energy management and Audit"** March 14-1997 at College of Military Engineering,Pune.
- ✓ A one week short term course on **'Diesel Engine Management'** at IIT, Kanpur from March 18-22 2009.

Membership:

- ✓ Associate Member of Institution of Engineers, [AMIE] Calcutta [AM- 56174].
- ✓ Life Member of Indian Society of Technical Education, ISTE [LM- 15052].
- ✓ Life member of Solar Energy Society of India, SESI [0796/LM/98].