

Teaching Staff Information

Department of Automobile Engineering

FACULTY NAME: Prof. SHIVAJI LAXMAN GHODAKE

DESIGNATION: ASSOCIATE PROFESSOR

QUALIFICATION: M. E. Mechanical Engineering

AREA OF SPECIALIZATION: Refrigeration & Air Conditioning

TOTAL EXPERIENCE:

TEACHING – 25 Years & INDUSTRIAL – 1 years

COLLEGE EMAIL ID: Shivaji.ghodake@seti.edu.in

SUBJECT TAUGHT: Control Engineering, Refrigeration & Air Conditioning, Internal Combustion Engine, Automotive Transmission, Applied Thermodynamics, Hydraulics & Pneumatics.



Paper Published & Presented in Conferences (National/ International)

Sr. No.	Title of the Paper	Name of the Conference	Duration
1	An Alternative Fuel for Partial Replacement of Diesel	National Conference on Advances in Mechanical Engineering Sciences	24 th to 25 th Sept.2004 at Shri Siddhartha Inst. of Technology, Tumkur
2	Bagasse based Cogeneration in Sugar Industry – A case study	National Conference on Globally Competitive Eco- friendly Technologies in Mech. & Mechatronics Engineering	15 th and 16 th April 2005 at Kongu Engg. College Erode
3	Biomass Gasification- An Alternative Fuel	National Conference on Recent Developments in Mechanical Engineering	23 rd and 24 th December 2005 at COE Pandharpur
4	Bio- Diesel Fuel for Automotives	National Conference on Bio-Fuels for I.C. Engines perspectives & prospects	23 rd to 25 th March 2006 at NIT Surthkal
5	Slow Speed Diesel Engine Performance analysis using Bio-diesel Fuel	1 st International conference on ‘New Frontiers in bio-fuels’	18-19 th January 2010. at Delhi Technological University, New Delhi.

Participated in Workshop

1. TWO/ONE WEEK QIP/ FDP /STTP ATTENDED

Sr.	Name of the STTP courses	Date	Venue
1	Short Term QIP on "Feedback Control System".	24 to 30.06.1996	Govt. COE, Pune.
2	National Seminar on "Energy for Better Tomorrow".	26 to 28.12.1997	K.K. Institute of Technology, Ramtek.
3	One week Workshop on 'Biomass Theory and Practice'.	20 to 24.11.2000	I.I.Sc., Bangalore.
4	Four weeks ISTE STTP on 'Programming in V.B. 6'.	06 to 31.05.2002	Govt. Polytechnic, Kolhapur.
5	Two weeks ISTE STTP on 'I.T. Enabled Effective Curriculum Implementation'.	10 to 22.06.2002	Walchand COE, Sangli
6	Two weeks ISTE STTP on "C Programming"	30 to 11.03.2003	TEI, Ichalkaranji.
7	One week ISTE STTP on 'Present Trends & Future Prospects in Mechatronics'	31 to 05.06.2004	J.J. Magdum COE Jaysingpur
9	Two weeks ISTE STTP on 'Teaching Pedagogies & Modern trends in teaching'	26 to 06.01.2007	J.J. Magdum COE Jaysingpur
10	One week course on CFD under Networking program	29 to 2.01.2009	VJTI, Mumbai
11	One week QIP STTP on ' Corrosion Engineering'	14 to 19.11.2009	V.N.I.T. Nagpur
12	One week CE & QIP on ' Classical Control System- Theory & Hands on (CCS_10)'	10 to 15.05.2010	IIT Bombay, Mumbai
13	One week CE & QIP on ' Advances in Cryo- cooler Technology'	2 to 6.05. 2011	IIT Bombay, Mumbai

2. ONE DAY WORKSHOPS/SEMINARS ATTENDED

Sr.	Name of the Workshops/seminars	Date	Venue
1	One day Workshop on CNC in Education.	24.09.1998	TEI, Ichalkaranji
2	One day Workshop on DNC & CAM.	21.01.1999	TEI, Ichalkaranji
3	One day Workshop on T.E. (Mech.) Syllabus	05.08.1998	DYP COE, Kolhapur.
4	One day Workshop on "Fluid Power".	August 1998	DYP COE, Kolhapur.
5	Three days Program on "Steam Engineering and Energy Conservation".	27 to 29.10.1999	Forbes Marshall, Pune.
6	One day workshop on 'Alternative Fuels for automobiles'.	13.02.2004	R.I.T. Sakharale.
7	Two day workshop on "Environment friendly Refrigeration & Cryogenics"	13 to 14.01.2006	Govt. COE, Pune.
8	One day Seminar on "Recent Trends in Heat Exchangers"	31.03.2006	W CE. Sangli.
9	Two day w/s on 'Control Techniques for Mechanical & Electronic Systems'	19 to 20.01.2007	J.J. M COE Jaysingpur
10	Control techniques for Mechanical and Electronic systems	19 to20 .01.2007	J.J. M COE Jaysingpur

11	One day workshop on 'Cryogenics'	02.04.2007	RIT, Sakharale
12	Two day Network Program on ' Implementation of Intellectual Property Rights'	21to 22.07. 2007	TEI, Ichalkaranji.
13	Two day National w/s on 'Recent trend in Heat-Exchangers'	30 to 31.01.2009	WCE, Sangli.
14	Teaching Methodology for T.E. (Mech –rev) Part –I & II by Shivaji University	1.08.2009	P.V.P.I.T. Budhgaon

3. TRAINING UNDERGONE

Sr	Industrial Training Under TEQUIP	Dates.	Venue
1	Industrial Training on CNC programming, Air vessels, HP boilers	26.12.2005 - 31.12.2005	S.S. Engineers & M/s Patange Industries, Pune
2	Training on MATLAB	01.06.2006 - 03.06.2006	India soft Technologies Ltd. Pune

Consultancy Activities /Research Grants Received/ Books Published / Patents Interaction with other Institutions / Industries

Year.	Organization.	Project Title.	Estimated cost Rs.
2006-2007	M/s. Balaji Bakers Ichalkaranji	Conversion of Diesel fired furnace into Bio-diesel furnace	1, 00, 000/-
2005-2006	M/s Patil Automobiles	Testing & Certification of retrofitted Tractor (50 H.P.)	1, 15, 000/-
2009-2011	Kulkarni Power Tools Shrol	Modification And Calibration of Blower Test Rigs	15, 00,000/-

Professional Societies Memberships

1. ISTE Life Member. (LM22829 dated 18.10.1996)
2. Associated Member of ISHRAE
3. SAE

Projects

Completed Projects

Ongoing Projects