

Department of Mechanical Engineering

STAFF PROFILE INFORMATION

	Name of Staff:	Prof. Deshmukh Sardar Balaso.
	Designation:	Assistant Professor
	Qualification:	M.E. (Heat-Power)
	Area of Specialization:	1. I.C. Engines 2. Thermal Engineering
	Experience:	1. Academic: 15.0 Years 2. Industrial: 00 Years
	Email id:	sardar.deshmukh@seti.edu.in
	Contact Number:	9765922586

➤ Research Publications:

Research Citations:

Google Scholar Citations: **07**, H-Index: **02**, i-10 index: **0**.

Publication Summary:

Patent Filed	International Journals	National Journals	International Conferences	National Conferences	Book Chapters	Total
01	04	00	01	03	00	09

Patents:

Wireless sensor based monitoring of air pollution agriculture land.

Research Publications:International Journal

Sr. No.	Title	Journal	Volume	ISSN
1.	Investigation of Performance and Emission Characteristics of a Compression Ignition Engine with Oxygenated Fuel	International Journal of Modern Trends in Engineering & Research	Volume-4, Issue-8, Aug. 2017	2349-9745
2.	Design, Manufacturing and Experimental Analysis of Thermoelectric Lunch Box	International Journal of Engineering Research and Technology	Volume-10, Issue-1, 2017	0974-3154
3.	Properties of Karanj Oil and its Blends with Diesel as a Fuel for C.I. Engines	International Journal of Recent Engineering Research and Development	Volume-2, Issue-2, Feb. 2017	2455-8761
4.	Properties of Jatropha Curcas Oil and Diesel Blends as a Fuel for C.I. Engines	International Journal of Engineering & Management Research	Volume-7, Issue-1, Jan-Feb. 2017	2250-0758

Research Publications: Conference: National Journal

Sr. No.	Title	Journal	Volume	ISSN
-	-	-	-	-

Research Publications: International Conference

Sr. No.	Title	Conference	Volume	ISSN
01	Experimental Investigation of Performance & Emissions of C.I. Engine Fuelled with Jatropha Biodiesel & Its Blends	International Conference on Sunrise Technology at SSVPS college of Engineering, Dhule, held during 13 th - 15 th January 2011.	-	-

Research Publications: NationalConference

Sr. No.	Title	Conference	Volume	ISSN
01	Properties of Jatropha Oil & its Blends with Diesel as a Fuel for C.I. Engine	National Conference on recent trends in harnessing of Non-Conventional Energy Sources at Vivekananda College, Kolhapur held on 15 th - 16 th December 2010	-	-
02	Properties of Karanj Oil & its Blends with Diesel as a Fuel for C.I. Engine	National Conference on recent practices in conventional & non-conventional energy resources at SGI, Atigre held during 8 th & 9 th February 2013	-	-
03	Design & Development of CNC Duplex Milling Machine to Improve Productivity of Cam Follower Lever	National Conference on development & innovations in mechanical engineering at TKIET, Warananagar on 30 th July 2015	-	-

➤ Research Contribution:**Research Grants :(Details of grants received)**

Sr. No.	Funding Agency	Year	Title of the project	Amount in Rs.
-	-	-	-	-

➤ Book Published

Sr. No.	Title of Book	Year	Name of Publisher	ISBN
-	-	-	-	-

➤ Research IDs:

01	Google Scholar ID	https://scholar.google.com/citations?user=udxtU3UAAAAJ&hl=en
02	Researcher ID	-
03	ORCID ID	-

➤ **Number of Ph. D. scholars guiding:** NA

➤ **Member of Professional Bodies:**

ISTE Life Member

➤ **Achievements:** NA

➤ **Details of Faculty Development Programs(Workshop/Conference/Training Program):**

Sr. No.	Title of Program	Nature of program(FDP/ STTP /Workshop)	Organized by (Venue)	Year	Duration
1.	Kaleidoscope of Teaching'	Workshop	SETI, Panhala	2011	6 th to 7 th May
2.	Free Open Source Software'	Workshop	SETI, Panhala	2011	13 th Dec.
3.	Finite Element Analysis Using ANSYS	STTP	SETI, Panhala	2012	28 th May to 01 st June
4.	Recent Trends in Renewable Energy Sources	STTP	SETI, Panhala	2013	17 th to 22 nd June
5.	Curriculum Development of SE Mechanical Engineering'	Workshop	AMGOI, Vathar	2013	31 st Dec.
6.	Curriculum Development of SE Automobile Engineering'	Workshop	SETI, Panhala	2014	11 th Jan.
7.	Fluid Mechanics	Workshop	TKIET, Warananagar	2014	20 th to 30 th May
8.	Introduction to Outcome Based Education	Workshop	SETI, Panhala	2014	4 th & 5 th June
9.	CAM, Fluid Power, CIM/FMS, Robot Simulation'	FDP	AMGOI, Vathar	2015	11 th Sept.
10.	Intellectual Property Rights & Patenting	Workshop	SETI, Panhala	2015	29 th Dec.
11.	LATEX	Workshop	SETI, Panhala	2016	23 rd & 24 th Dec.

12.	Computational Methods for Engineering Applications'	STTP	SETI, Panhala	2016	27 th to 31 st December
13.	Ensuring Quality through Academic and Administrative Audit'	Seminar	SGI, Atigre	2017	27 th January
14.	Recent Trends in HVAC & R	FDP	TKIET, Warananagar	2018	30 th & 31 st January
15.	Intellectual Property Rights & Patenting'	Workshop	SETI, Panhala	2018	24 th Feb.
16.	Overcoming the Challenges in Adapting Online Technology in Teaching Learning	FDP	Jhulelal Institute of Technology, Nagpur	2020	6 th - 11 th May
17.	Technical Teacher's Training	FDP	VVIT, Pal	2020	22nd - 27 th May
18.	Renewable Energy and Utilization	STTP	SIEM, Nashik	2020	26 th - 30 th May
19.	Renewable Energy: Application & Entrepreneurship	Workshop	S.S.B.T.'s, COET, Bambhori, Jalgaon	2020	26 th - 30 th May
20.	Manufacturing and Analysis of Advanced Materials & Engineering	FDP	MLR Institute of Technology	2020	26 th - 30 th May
21.	Research Opportunities and Challenges in Manufacturing Sector	FDP	SVERI's COE, Pandharpur	2020	01 st - 06 th June
22.	Use of ICT in Teaching Learning (Regional Language)''	FDP	Dr. Ghali College, Gadhinglaj	2020	1 st - 6 th June
23.	Advanced Teaching Tools, Techniques and Methodologies for Outcome Based Education	FDP	AISSMS COE, Pune	2020	01 st - 05 th June
24.	Futuristic Technologies in Mechanical Industries	FDP	DYPIEMR, Akurdi, Pune	2020	5 th - 9 th June
25.	Applications of Finite Element Analysis (FEA) and Computational Dynamics (CFD) using ANSYS	FDP	Government College of Engineering, Karad	2020	13 th - 17 th June

26.	Future Materials: Nanocomposites	FDP	BVCOE, Pune	2020	15 th - 21 st June
27.	Solar Energy & its Applications in Indian Scenerio after COVID-19	FDP	Prof. Ram MegheIOTR,Amravati	2020	15 th - 19 th June
28.	Research Opportunities in Advanced Manufacturing Processes”	FDP	BVCOE, Pune	2020	22 nd - 28 th June
29.	Research in Energy Technologies	FDP	BVCOE, Pune	2020	06 th - 11 th July
30.	Recent trends in heat exchangers (RTHX 2020)”	FDP	WCE, Sangli	2020	13 th - 18 th July
31.	Electro-Mechanical Systems	FDP	WCE, Sangli	2020	20 th - 25 th July
32.	Digital Transformation & Pedagogies	Workshop	GCE, Karad &WCE, Sangli	2020	10 th - 14 th August
33.	Blended Learning and Flipped Classroom	FDP	NITTTR, Chandigarh	2020	31 st Aug. - 04 th Sept.,
34.	Teaching Learning Pedagogies	STTP	A. G. Patil Polytechnic, Solapur	2020	07 th – 12 th Sept.
35.	Alternate Fuels	FDP	Don Bosco Institute of Technology	2020	21 st – 25 th Sept.
36.	Emotional Intelligence	FDP	MNIT, Allahabad	2021	18 th – 22 th January
37.	Research at A Glance	FDP	Sinhgad Institutes, Pune	2021	18 th – 23 rd January
38.	Outcome Based Education (OBE) and Accreditation Process	FDP	GRW Polytechnic, Tasgaon	2021	14 th - 18 th June
39.	Applications of Artificial Intelligence in Mechanical Engineering	FDP	K. Ramakrishnan College of Engineering	2021	02 nd - 08 th August
40.	Emerging Trends and Developments in Electric Vehicles	FDP	NIT, Manipur	2021	25 th - 29 th October
41.	Machine Learning Applications in Mechanical Engineering	STTP	Dr. J. J. M. COE, Jaysingpur	2022	14 th - 18 th February
42.	Management of Intellectual Property	FDP	NIT, Manipur	2022	21 st - 25 th February

	Uncertainty in Designing and Manufacturing for Electrical Vehicle Systems				
43.	Introduction to NBA	FDP	SETI, Panhala	2022	15th March
44.	Materials & Advanced Manufacturing	FDP	Yashoda Technical Campus, Satara	2022	22 nd – 26 th August
45.	Research Paper Writing and Publishing	FDP	NCER, TalegaonDhabhade, Pune	2023	22 nd - 24 th February
46.	Renewable Energy Sources for Sustainable Development	FDP	Yashoda Technical Campus, Satara	2023	22 nd - 24 th February
47.	Understanding of Course Outcomes (COs) & Program Outcomes (POs)	Workshop	SETI, Panhala	2023	25 February
48.	Innovation, Research And IPR – Journy Towards Excellence	FDP	Sardar Patel College of Engineering, Mumbai.	2023	01 st - 05 th March
49.	Design of Experiment & Optimization	STTP	AMGOI, Vathar	2023	11 th - 16 th December
50.	Recent Trends in Mechanical Engineering and Industry 4.0	FDP	Sanjay Bhokare Group of Institutes, Miraj	2024	08 th - 13 th January
