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HOLY-WOOD ACADEMY'S

# SANJEEVAN

**ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA**

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○ Approved By AICTE, New Delhi ○ Recognized by Govt. of Maharashtra & DTE  
○ Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

## Department of Mechanical Engineering

### STAFF PROFILE INFORMATION

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

<b>Sr. No.</b>	<b>Title</b>	<b>Journal</b>	<b>Volume</b>	<b>ISSN</b>
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**

<b>Sr. No.</b>	<b>Title</b>	<b>Journal</b>	<b>Volume</b>	<b>ISSN</b>
-	-	-	-	-

**Research Publications: International Conference**

<b>Sr. No.</b>	<b>Title</b>	<b>Conference</b>	<b>Volume</b>	<b>ISSN</b>
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 <sup>th</sup> - 15 <sup>th</sup> January 2011.	-	-

**Research Publications: NationalConference**

<b>Sr. No.</b>	<b>Title</b>	<b>Conference</b>	<b>Volume</b>	<b>ISSN</b>
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 <sup>th</sup> - 16 <sup>th</sup> 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 <sup>th</sup> & 9 <sup>th</sup> 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 <sup>th</sup> July 2015	-	-

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

<b>Sr. No.</b>	<b>Funding Agency</b>	<b>Year</b>	<b>Title of the project</b>	<b>Amount in Rs.</b>
-	-	-	-	-

**➤ Book Published**

<b>Sr. No.</b>	<b>Title of Book</b>	<b>Year</b>	<b>Name of Publisher</b>	<b>ISBN</b>
-	-	-	-	-

**➤ Research IDs:**

<b>01</b>	<b>Google Scholar ID</b>	<a href="https://scholar.google.com/citations?user=udxtU3UAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=udxtU3UAAAAJ&amp;hl=en</a>
<b>02</b>	<b>Researcher ID</b>	-
<b>03</b>	<b>ORCID ID</b>	-

➤ **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):**

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

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

26.	Future Materials: Nanocomposites	FDP	BVCOE, Pune	2020	15 <sup>th</sup> - 21 <sup>st</sup> June
27.	Solar Energy & its Applications in Indian Scenerio after COVID-19	FDP	Prof. Ram MegheIOTR,Amrav ati	2020	15 <sup>th</sup> - 19 <sup>th</sup> June
28.	Research Opportunities in Advanced Manufacturing Processes”	FDP	BVCOE, Pune	2020	22 <sup>nd</sup> - 28 <sup>th</sup> June
29.	Research in Energy Technologies	FDP	BVCOE, Pune	2020	06 <sup>th</sup> - 11 <sup>th</sup> July
30.	Recent trends in heat exchangers (RTHX 2020)”	FDP	WCE, Sangli	2020	13 <sup>th</sup> - 18 <sup>th</sup> July
31.	Electro-Mechanical Systems	FDP	WCE, Sangli	2020	20 <sup>th</sup> - 25 <sup>th</sup> July
32.	Digital Transformation & Pedagogies	Workshop	GCE, Karad &WCE, Sangli	2020	10 <sup>th</sup> - 14 <sup>th</sup> August
33.	Blended Learning and Flipped Classroom	FDP	NITTTR, Chandigarh	2020	31 <sup>st</sup> Aug. - 04 <sup>th</sup> Sept.,
34.	Teaching Learning Pedagogies	STTP	A. G. Patil Polytechnic, Solapur	2020	07 <sup>th</sup> – 12 <sup>th</sup> Sept.
35.	Alternate Fuels	FDP	Don Bosco Institute of Technology	2020	21 <sup>st</sup> – 25 <sup>th</sup> Sept.
36.	Emotional Intelligence	FDP	MNIT, Allahabad	2021	18 <sup>th</sup> – 22 <sup>th</sup> January
37.	Research at A Glance	FDP	Sinhgad Institutes, Pune	2021	18 <sup>th</sup> – 23 <sup>rd</sup> January
38.	Outcome Based Education (OBE) and Accreditation Process	FDP	GRW Polytechnic, Tasgaon	2021	14 <sup>th</sup> - 18 <sup>th</sup> June
39.	Applications of Artificial Intelligence in Mechanical Engineering	FDP	K. Ramakrishnan College of Engineering	2021	02 <sup>nd</sup> - 08 <sup>th</sup> August
40.	Emerging Trends and Developments in Electric Vehicles	FDP	NIT, Manipur	2021	25 <sup>th</sup> - 29 <sup>th</sup> Octob er
41.	Machine Learning Applications in Mechanical Engineering	STTP	Dr. J. J. M. COE, Jaysingpur	2022	14 <sup>th</sup> - 18 <sup>th</sup> Febru ary
42.	Management of Intellectual Property	FDP	NIT, Manipur	2022	21 <sup>st</sup> - 25 <sup>th</sup> 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 <sup>nd</sup> – 26 <sup>th</sup> August
45.	Research Paper Writing and Publishing	FDP	NCER, TalegaonDhabhade, Pune	2023	22 <sup>nd</sup> - 24 <sup>th</sup> February
46.	Renewable Energy Sources for Sustainable Development	FDP	Yashoda Technical Campus, Satara	2023	22 <sup>nd</sup> - 24 <sup>th</sup> 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 <sup>st</sup> - 05 <sup>th</sup> March
49.	Design of Experiment & Optimization	STTP	AMGOI, Vathar	2023	11 <sup>th</sup> - 16 <sup>th</sup> December
50.	Recent Trends in Mechanical Engineering and Industry 4.0	FDP	Sanjay Bhokare Group of Institutes, Miraj	2024	08 <sup>th</sup> - 13 <sup>th</sup> January

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