



Holy-wood Academy, Kolhapur  
**Sanjeevan Engineering and Technology  
Institute,**

Sanjeevan Knowledge City, Panhala, Tal. Panhala, Dist. Kolhapur

Department of Mechanical Engineering

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### STAFF PROFILE INFORMATION

	<b>Name of Staff:-</b>	Katkar Ajit Ashok
	<b>Designation: -</b>	Assistant Professor
	<b>Qualification:-</b>	Ph.D. Thesis submitted, M.Tech Energy Technology, B.E. Mechanical Engineering
	<b>Area of Specialization:-</b>	Energy, Technology, Material science
	<b>Experience:</b>	Teaching : 12 years Industrial: 5 years
	<b>email id:-</b>	ajit.katkar@seti.edu.in
	<b>Contact Number:-</b>	9158893049

➤ **PAPER PUBLICATIONS:**

PAPER PUBLICATIONS: CONFERENCE-NATIONAL / INTERNATIONAL , JOURNAL

Sr. No	TITLE	JOURNAL / CONFERENCE	VOLUME	ISSN
1.	Microstructure, Hardness and Machinability Analysis of Gravity Cast AA6061/SIC Composites	Journal Manufacturing Technology Today (MTT)	Vol.19, 2020	0972-7396
2.	Improvement of Mechanical Properties of Aluminum 6061 based Metal Matrix Composite with Addition of Granite Particulate	International Journal of Innovative Technology and Exploring Engineering	Vol.9, 2020	ISSN: 2278-3075
3.	Tribological Behavior of Al6061-Granite Composites	International Journal of Scientific and Technology Research	Vol.9, 2020	ISSN 2277-8616

4.	Analysis of Effect of SiC Reinforcement on Microstructure and Hardness of Al 6061 and Al 7075	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol. 9, 2020	2278-3075
5.	Design & Analysis of Belt Conveyor for Weight Reduction in Foundry	International Research Journal of Engineering & Technology (IR-JET)	Vol.7, 2020	2395-0056
6.	Vibration Analysis of Cantilever Beam made up of Magneto Rheological Fluid	International Research Journal of Engineering & Technology (IR-JET)	Vol.8, 2021	2395-0056
7.	Machinability Studies on Sic Reinforced with Aluminium 6061 and 7075 Alloy	International Journal of Engineering Research and Advanced Technology (IJERAT)	Vol2, 2016	2454-6135
8.	FSI approach Study & Analysis	IOSR Journal Of Mechanical & Civil Engineering	2013	
9.	Evaluation of industrial solar cell w.r.t. temperature	IOSR Journal Of Mechanical & Civil Engineering	2013	
10.	Design & Analysis of Tanker for Reduction of Sloshing Effects	International Journal of Engineering and Innovative Technology	2012	2277-3754
11.	Performance & evaluation of industrial solar cell wrt temperature and humidity	International Journal of research In Mechanical engineering and technology	2011	2249-5770
12.	Sustainable Hospital Building Envelopes Ideal Energy Conservation Tool	NCRAE-12	2012	
13.	Net zero Energy concept,Ideal Energy Conservation Toll For Hospital Building Envelopes	ICARE2010	2010	

➤ **Research IDs:**

1	<b>Google scholar ID</b>	0FznH9oAAAAJ
2	<b>Researcher ID</b>	rid19771
3	<b>ORCID ID</b>	0000-0001-6224-6864

➤ **Member of Professional Bodies:**

**ISTE Life membership**

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

Sl. No.	Title	FDP/STTP/ Workshop	Organized by	Duration	Approved by
1.	Kaleidoscope of teaching	Workshop	Sanjeevan Engineering & Technology Institute, Panhala	6th & 7th May 2011	ISTE
2.	Recent Trends in renewable Energy Sources(RTRES-13)	FDP	ISTE-SRM-SETI,Panhala	June2013	ISTE-SRM-SETI,Panhala
3.	One week STTP FEM Tool for non Linear analysis	STTP	ISTE – DrJJMCOE	Dec 2009	ISTE – DrJJMCOE
4.	Curriculum Development of B.E.(Mech)	Workshop	SUK- DrJJMCOE	Jan 2010	SUK- DrJJMCOE
5.	Curriculum Development of S.E.(Mech)	Workshop	SUK- AMGOI	Dec 2013	SUK- AMGOI

6.	Two –Week ISTE workshop on engineering Mechanics	FDP	IIT Bombay MHRD	Dec 2013	IIT Bombay MHRD
7.	Two –Week ISTE workshop on Engineering Thermodynamics	FDP	IIT Bombay MHRD	Dec 2012	IIT Bombay MHRD
8.	Curriculum Development & Syllabus Framing of T.E.& B.E. (Mech Engg)	Workshop	SUK –DKTE	Jan 2015	SUK –DKTE
9.	Two –Week ISTE workshop on solar Photo-voltaic: Fundamentals, Technologies and applications	FDP	IIT Bombay MHRD	Dec 2011	IIT Bombay MHRD
10.	One week STTP on Recent Trends in Design, Failure Analysis and Maintenance of Bearings	STTP	ISTE-TSI- DrJJM-COE	June 2015	ISTE-TSI- DrJJM-COE
11.	Two –Week ISTE workshop on Thermodynamics in Mechanical Engineering	FDP	IIT Bombay MHRD	June 2011	IIT Bombay MHRD

**Any other details**