



Savitribai Phule Shikshan Prasarak Mandal's
SKN SINHGAD COLLEGE OF ENGINEERING
(Approved by AICTE & Affiliated to Solapur University, Solapur.)
At Post- Korti, Taluka-Pandharpur, District-Solapur, Pin-413304
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Department of Mechanical Engineering
Research Publications in International Conference by Faculty

AY: 2016-17

Sr. No.	Name of Faculty	Title of Paper	Conference	Organized Institute	Date	Support by Institute
1	Prof A.S. Aradhya	Review of Wind Mills	challenges in engg. and tech (ICRCET 2016) International conference on research	SIETK, Puttur	18 th and 19 th Aug 2016	Duty leave Registration fees
2	Prof A.S. Aradhya	An Attachment for a Pesticide Sprayer	International conference on research challenges in engg. and tech (ICRCET 2016)	SIETK, Putter	18 th and 19 th Aug 2016	Duty leave Registration fees
3	Prof.I N. Pirjade.	“Effect of industry waste reinforcement on mechanical behavior of aluminium matrix composites by powder metallurgy technique”	International Conference of Smart Engineering Materials,2016, Springer Book chapter	SVERI	September-2016	-
4	Dr.S.G. Kulkarni,	Design & Analysis of Diffuser Wind Turbine	International Conference on Innovation in Engineering and Technology	SKN SCOE	30-31 Dec 2016	Partial leave

5	Prof.A. S. Aradhya Prof. B.S. Gandhare	Effect of Particle Impact Damper on a Beam for Transient Vibration	International Conference on Innovation in Engineering & Technology	SKN SCOE	30-31 Dec 2016	Partial leave
6	Dr.R. T. Vyavahare	Ergonomic Evaluation of Male Worker during Maize Threshing by Thresher	International Conference on Innovation in Engineering and Technology	SKN SCOE	30-31 Dec 2016	Partial leave
7	Prof.A.S.Aradhya	A Review on Particle Tuned Mass Damper	International Conference on Innovation in Engineering and Technology	SKN SCOE	30-31 Dec 2016	Partial leave
8	Dr.S. G. Kulkarni	Method of Manufacturing and Machining Process: A Review	International Conference on Innovation in Engineering and Technology	SKN SCOE	30-31 Dec 2016	Partial leave
9	Prof.S. B. Maharnavar	Manufacturing of Aluminium Metal Matrix Composite Using Powder Metallurgy	International Conference on Innovation in Engineering and Technology	SKN SCOE	30-31 Dec 2016	Partial leave
10	Dr. R. T. Vyavahare	Anthropometric Measurements of Foundry Industry Workers and Ergonomic Evaluation	International Conference on Innovation in Engineering and Technology	SKN SCOE	30-31 Dec 2016	Partial leave

11	Dr. S.G.Kulkarni	Heat treatment of Aluminium matrix composites manufactured by powder metallurgy	International Conference on Innovation in Engineering and Technology	SKN SCOE	30-31 Dec 2016	Partial leave
12	Prof. S.S.Kulkarni	Theoretical Modelling for Vibration Response of Defective Ball Bearing	International Conference on Innovation in Engineering and Technology	SKN SCOE	30-31 Dec 2016	Partial leave
13	Prof S. D.Katekar	A Review on Investigation of Crack and Its Effects on Performance of Rotating Shaft	International Conference on Innovation in Engineering and Technology	SKN SCOE	30-31 Dec 2016	Partial leave
14	Prof. S.R.Koli	Acetylene as Alternative Fuel for Internal Combustion Engines- A Review	International Conference on Innovation in Engineering and Technology	SKN SCOE	30-31 Dec 2016	Partial leave
15	Prof. B.S.Admile	Mechanical Characterization of stir cast Al 356-Fly Ash Composite	International Conference on Innovation in Engineering and Technology	SKN SCOE	30-31 Dec 2016	Partial leave
16	Dr. S. G Kulkarni	Effect on strength of involute spur gear tooth by considering Uncertainties in Fillet Radius by using Finite Element	International Conference on Innovation in Engineering and Technology	SKN SCOE	30-31 Dec 2016	Partial leave

17	Prof.S. A.Sonwane	Multi-quality characteristics optimization of WEDM for IN-625 by applying Taguchi DEAR technique.	International Conference on Materials, Manufacturing and Design held at Dr. BATU, Lonere Paper is published in Springer Atlantis Press	Dr. BATU, Lonere	20/12/2016 to 21/12/2016	Duty leave Registration fees
18	Prof.S. A.Sonwane	Multi-quality Response Optimization of Wire EDM for Ni-75 using PCA based Utility theory	7 th International Conference on Materials Characterization and Processing held at Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad Paper will be published in Journal Materials Today Proceedings (Scopus Indexed)	Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad	17/03/2017 to 19/03/2017	-
19	Prof. B. S. Gandhare	Benchmarking of maintenance performance of Dairy Industry	4th International Conference on Business Analytics and Intelligence (ICBAI)",	Iisc, Banglore	Dec.19-21, 2016.	-



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Research Publications in International Conference by Faculty

AY: 2015-16

Sr. No	Name of Faculty	Title of Paper	Conference	Organized Institute	Date	Support by Institute
1	Dr. R. T. Vyavahare	Postural analysis of male worker operating maize thresher cum dehusker	International Conference on Industrial Engineering	Dubai, UAE	16-18 Nov 2015	Duty leave Registration fees
2	Prof.S.S.Kulkarni	Investigation for multiple distributed defects in ball bearing using vibration signature analysis	5 th NIRMA University International conference on Engg. NUiCONE 2015	Institute of Tech. NIRMA University	26-28 Nov 2015	Duty leave Registration fees
3	Dr.S.G. kulkarni	Effect of Reinforcement Type on The Uniaxial Stress Strain Behaviour of Particle Reinforced Metal Matrix Composites	International Conference on Computer Aided Engineering (CAE-2015)	Gitam University	10-12 Decem ber 2015	Duty leave Registration fees
4	Prof.S.S.Kulkarni	Experimental investigation of distributed defects in ball bearing using vibration signature analysis	International Conference on Vibration Problems 2015	IIT Guwahati	14-18 Dec 2015	-

5	Dr.S.G. Kulkarni	Numerical Investigation of clustering Effect on the Uniaxial Stress strain behaviour of A356 matrix Composite	5th International conference on Materials Processing and Characterization	GRIET, Hyderabad	12-13 march 2016	-
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AY: 2014-15

Sr. No.	Name of Faculty	Title of Paper	Conference	Organized Institute	Date	Support by Institute
1	Prof.B. S. Gandhare	Material Selection for Pressure Vessel by using AHP	National conference on Industrial Engg. And technology and management	National Institute of Industrial Engg. (NITIE) Mumbai	29-30 Oct 2014	Duty Leave
2	Prof.S. S. Kulkarni,	Experimental Investigation of effect of Local defects on Deep Groove ball bearing under pure radial load	National conference on Methods for reducing the odd effects of mechanical vibration and noise	SVNERI's, COE Pandharpur	27-28 Nov 2014	-
3	Dr. S.G. kulkarni	Dynamic analysis of alumina reinforced particulate aluminium matrix composite material plate	International conference on Advances in Materials and Product Design	SVNIT, Surat	10-11 Jan. 2015	Duty Leave
4	Prof.B. S. Gandhare	Product maintainability Evaluation in Concept design phase- A Fuzzy Approach	International Symposium in Honor of Dr. A. Ravi Ravindran	Satish Dhawan Auditorium, IIS, Bangalore. India	12-13 March 2015	Duty Leave



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AY: 2013-14

Sr. No.	Name of Faculty	Title of Paper	Conference	Organized Institute	Date	Support by Institute
1	Prof. A. S. Aradhye	“Design Modification of Hybrid Solar Cooker”	International conference of IJAMTES	BIT Barshi.	Oct 2013.	Duty Leave
2	Prof. A. S. Aradhye	“Design Optimization of Hybrid Solar Cooker”	International conference of Renewable Energy and Sustainable Development	Trinity College of Engineering Pune.	Nov 2013.	Duty Leave
3	Dr. R. T. Vyavahare	Selection of farm equipment's for ergonomics analysis using analytical Hierarchy process	International conference on Industrial Engg.	NIT, Surat	20-22 Nov 2013	Duty Leave
4	Prof.S. A. Sonawane.	“Influence cutting parameter on cut characteristics of WEDM”	International Conference COPEN	NIT, Calicut	Dec 2013	Duty leave Registration fees

5	Prof.A. S. Aradhye	“Application of Simulation Technique in Queuing Model to Reduce Waiting period of Pilgrims”	International conference of Role of Statistics in the advancement of Science and Technology	University of Pune	Dec 2013	Duty Leave
6	Dr.S. G. Kulkarni	“Low velocity impact dynamic behavior of composite plate with different material properties under contact force.”	International Conference on Computer Aided Engineering at	IIT Chennai	21 Dec 2013	Duty Leave
7	Prof.M. M. Katkar, Prof.B. S. Gandhare	“Review on Pressure vessel design and development”	International Conference on Design and Manufacturing	Trinity College of Engineering and Research Pune	9-10 Jan 2014	Duty Leave
8	Prof.A.S. Aradhye	“An Innovative Approach to Reduce Waiting Line in a Large Pilgrimage Centre in India: A Case Study”	International conference of Design, Manufacturing and Mechatronics	Trinity College of Engineering and Research Pune.	9-10 Jan 2014	Duty Leave
9	Prof.A.S. Aradhye	“Need of Multi Unit Particle Damper”	International Conference on Design and Manufacturing	Trinity college of Engineering , Pune	9-10 Jan 2014	Duty Leave
10	Prof.R.K. Shinde	Effect of Exhaust Gas Recirculation on the performance and Emission characteristics of diesel engine with soya acid oil and its blends	International conference on Science and technology (ICST-2K14)	SB PatilIndhapur	Feb 2014	-

11	Prof.B.S.Gandhare	“Maintenance Performance measurement in sugar industries”.	3 rd National conference on Computer, science, information technology and management	SIT, Pandharpur, Solapur University	6-7 March 2014	Duty Leave
12	Dr.S.G. Kulkarni	“Effect of fly ash hybrid reinforcement on mechanical property and density of aluminum 356 alloy.”	International conference on advances in manufacturing and materials engineering.	NIT Suratkal	27-29 March 2014	Duty Leave
13	Prof.S. S. Nagane, Prof.S.S. Kulkarni,	“Vibration based condition monitoring of rolling element bearing with unbalanced rotor using statically analysis method”	3 rd International conference on recent trend in Engg. and technology ICRTET 2014	SNJB’s Late Sau. College of Engg. Chandwad (India)	27-29 March 2014	Duty Leave
14	Dr.S.G. Kulkarni	“Bearing system optimization for differential lock of skidder axle proceedings”	3 rd international conference on recent trends in engineering & technology	SNJB’s Late Sau. College of Engg. Chandwad (India)	27-29 March 2014	-
15	Prof.Y.D. Shinde	Vibration Analysis of Cracked Cantilever beam with single and double crack using FEA method	3 rd . international conferences on Recent Trends in Engg. And Tech.	Kantabaibhavarlaljijain COE, Chandwad	28-30 march 2014	-
16	Prof. A. S Aradhye	An Application of “On line booking” to reduce waiting period of Pilgrim at a large pilgrim centre – Case study	6 th International conference on Excellence in Research and Education CERE2014	IIM Indore	8- 11 May 2014	Duty Leave

