

## Pimpri Chinchwad Education Trust's Pimpri Chinchwad College of Engineering & Research Ravet, Pune



Academic Year: 2021 - 22 Faculty Profile



Name of Faculty:	Sameer Subhash Sawarkar		
Qualification:	B. E. (Civil), M. Tech. (Structures), PhD (IIT Bombay)		
Designation:	Associate Professor		
Department:	Civil Engineering		
Date of Joining:	26 <sup>th</sup> July 2018		
Experience:	Teaching: 15 years		
	Industry: 06 years		
	Research: 05 years		
Research Areas / Area of	Composite Materials, Shear Deformation Theories, Piezoelectricity,		
Specialization	Semi-analytical Method, Blast Resistant Materials		
Courses / Subjects Taken:	Engineering Mechanics, Engineering Drawing, Strength of Materials,		
	Structural Analysis I & II, Design of RCC Structures, Design of Steel Structures, Prestressed Concrete Design		
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Research Publications:	<b>1</b> 77	mul CD	D 11: 1 1:
Journal Publications:	Year	Title of Paper	Published in
		2D Semi-analytical	
		Solutions for Single Layer Piezoelectric	
		Laminate Subjected to	
	2015	Electro-mechanical	Composite Structures
	2010	Loading	120: 326-333
		https://doi.org/10.1016	
		/j.compstruct.2014.10.0	
		<u>18</u>	
		Semi-analytical	
		Solutions for Static	
		Analysis of Piezoelectric	
		Laminates Semi- analytical Solutions for	Composite Structures
	2016	Static Analysis of	153: 242-252
		Piezoelectric Laminates	100.212 202
		https://doi.org/10.1016	
		/j.compstruct.2016.05.1	
		<u>06</u>	
		Semi-analytical	
	2016	Solutions for Electro-	Proceedings of Indian
		mechanical Loading of	National Science
		Single Layer All-round Simply Supported	Academy 82(4): 1303-1315
		Piezoelectric Plate	02(4): 1303-1313
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Semi-analytical Solution for All-round Simply Supported Functionally Graded, Description of Piezoelectric Laminate and Sand Mechanics and Solution for Piezoelectric Laminate and Mechanics and Mech			https://dx.doi.org/10.16	
Conference Publications:   Vear   Title of Paper   Advances in analysis of laminated beams under plane stress condition of elasticity   Sardar Vallabibblai   Patel Institute of Technology, Vasad 38836, Cujitat   Patel Solution for Piezoelectric Laminate under Cyfindrical Bending   Simulation of Patel Solution for All-round Simply Supported Smart Plate   Patel Sm				
functionally graded, laminated and sandwitch piezoelectric plates https://doi.org/10.1080/31550287.202.01.8813  Conference Publications:  Year Title of Paper 2011 Thermal stress analysis of laminated beams under plane stress condition of elasticity and pate limitute of Technology, Vasad 388306, Gujrat 2011 Solution for Piezoelectric Laminate under Cylindrical Bending Solution for Piezoelectric Laminate under Cylindrical Solution for All-round Simply Supported Smart Plate in Cylindrical Bending Cylindrical Bending Solutions for Piezoelectric Individual Solutions for Punctionally Graded Smart Plate in Cylindrical Bending Cylindrical Bending Cylindrical Bending Solutions for Punctionally Graded Piezoelectric Plate Semi-analytical Solutions for Punctionally Graded Piezoelectric Plate Semi-analytical Solutions for Punctionally Graded Piezoelectric Plate Semi-analytical Solutions for Punctionally Graded Piezoelectric Laminates (SEC 2016), CSIR Semi-analytical Solutions for Punctionally Graded Piezoelectric Laminates (SEC 2016), CSIR Semi-analytical Solutions for Punctionally Graded Piezoelectric Laminates (SEC 2016), CSIR Semi-analytical Solutions for Punctionally Graded Piezoelectric Laminates (SEC 2016), CSIR Semi-analytical Solutions for Punctionally Graded Piezoelectric Laminates (SEC 2016), CSIR Semi-analytical Solutions for Thermoelectro-elastic Analysis of San Diego, San Diego, San Diego, USA  2017 Semi-analytical Solutions for Thermoelectro-elastic Analysis of Piezoelectric Caminates (Composite Structures of Piezoelectric Semi-analytical Solutions for Thermoelectro-elastic Analysis of Piezoelectric Semi-analytical Solutions fo			Electro-elastic analysis	
Conference Publications:   Vear   Title of Paper   Advances in and Mechanics   21(5): 312-330   21(5): 312-330   21(5): 312-330   21(5): 312-330   21(5): 312-330   21(5): 312-330   21(5): 312-330   21(5): 312-330   21(5): 312-330   21(5): 312-330   21(5): 312-330   21(5): 312-330   21(5): 312-330   21(6): 312			of simply supported	International Journal for
Conference Publications:   Vear   Title of Paper   Published in Engineering Science and Mechanics   21(6): 312-330   33   33   33   33   33   33   33			functionally graded,	•
Conference Publications:    Vear   Title of Paper   Published in Advances in analysis of laminated beams under plane stress condition of elasticity   Semi-analytical Solution for Piezoelectric Laminate under Cylindrical Bending   Semi-analytical Solution for Technology, Surat   2015   Semi-analytical Solution for All-round Simply Supported Smart Plate in Cylindrical Bending   Solutions for Composites & Solid Smart Plate of Bologna, Italy   Semi-analytical Solutions for Composite of Composites & Solid Mechanics   Simply Supported Samart Plate of Bologna, Italy   Semi-analytical Solutions for Composite state of Semi-analytical   Semi-analytical Solutions for Thermo-electro-elastic Analysis of Punctional Solutions for Thermo-electro-elastic Analysis of Semi-analytical Solutions for Thermo-electro-elastic Analysis of Punctional Solutions for Thermo-electro-elastic Analysis of Piezoelectric Laminates Conference (University in Cylindrical Bending Solutions for Thermo-electro-elastic Analysis of Piezoelectric Analysis of Piezoe		2020	laminated and sandwich	-
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analysis of laminated beams under plane stress condition of elasticity  2012 Semi-analytical Solution for Piezoelectric Laminate under Cylindrical Bending Technology, Vasad—388306, Gujrat Solution for Piezoelectric Laminate under Cylindrical Bending Technology, Surat—395007, Gujarat Solution for All-round Simply Supported Smart Plate Solutions for Functionally Graded Smart Plate in Cylindrical Bending Compension of Bologna, Italy International Mechanics and Simulations—2016 Static Analysis of Functionally Graded Piezoelectric Plate SERC, Chennai, India 2017 Thermo-electro-elastic Analysis of Solutions for Thermo-electro-elastic Analysis of Solutions for Thermo-electro-elastic Analysis of Solutions for Thermo-electro-elastic Analysis of Piezoelectric Laminates of Piezoelectric Laminate Patentic Piezoelectric Piez	Conference Publications:		Title of Paper	
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Profile Link: Web of Science ResearcherId: U-6098-2017	Profile Link:			
		Google Scholar Profile: <a href="http://scholar.google.com/citations?user=eesg-">http://scholar.google.com/citations?user=eesg-</a>		
<u>wwAAAAJ</u>		wwAAAAJ		

	ORCID Profile: https://orcid.org/0000-0003-4442-9434	
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Product Developed:	Porous pavement brick as a part of BE project	
Awards/Appreciation/Achievemen ts:	Received Best Teacher Award for year 2018-19	
Membership:	Fellow, Institute of Engineers, India	
Resource Person /Expert Session/Jury Invited:	Working as editor for International Journal of Civil Engineering Session chair for International Conference at Jaihind College of Engineering, Junnar 2019 SPPU External Examiner for BE Projects assessment	
Workshop/FDP/STTP attended (more than a Week):	One week STTP on Plastic Design of Steel Structures at VNIT, Nagpur, 2019	
Event Organized Inter department/Inter college/ Other recognized Industry/IITs/NPTEL/ SPOKE N TUTORIAL/ etc.:	Acted as convener for Convocation 2019, National Conference CIPCIS2020, Inter-college Social event for Faculty & Staff Indradhanu 2021.	
University level appointments:	Chairman, Strength of Materials (SE – Civil) 2019-2021 Examiner, Mechanics of Structures (SE – Civil) 2021-22	
Administrative Duties:	Looking after administration of the Department as the HoD Looking after preparations for NBA	
Academics Duties:	Conducting lectures, practicals, tutorials, internal examination paper setting, assessing, conducting oral examination, invigilation, etc.	
Any Other	Currently pursuing post-doctoral research on blast-resistant structures under the supervision of IIT Bombay and IIT Roorki faculty members.	