



**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 th July 2018		
Experience :	Teaching : 15 years Industry: 06 years Research: 05 years		
Research Areas / Area of Specialization	Composite Materials, Shear Deformation Theories, Piezoelectricity, 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		
Research Publications :			
Journal Publications:	Year	Title of Paper	Published in
	2015	2D Semi-analytical Solutions for Single Layer Piezoelectric Laminate Subjected to Electro-mechanical Loading https://doi.org/10.1016/j.compstruct.2014.10.018	Composite Structures 120: 326-333
	2016	Semi-analytical Solutions for Static Analysis of Piezoelectric Laminates Semi-analytical Solutions for Static Analysis of Piezoelectric Laminates https://doi.org/10.1016/j.compstruct.2016.05.106	Composite Structures 153: 242-252
	2016	Semi-analytical Solutions for Electro-mechanical Loading of Single Layer All-round Simply Supported Piezoelectric Plate	Proceedings of Indian National Science Academy 82(4): 1303-1315

		https://dx.doi.org/10.16943/ptinsa/2016/48584	
	2020	Electro-elastic analysis of simply supported functionally graded, laminated and sandwich piezoelectric plates https://doi.org/10.1080/15502287.2020.1841333	International Journal for Computational Methods in Engineering Science and Mechanics 21(6): 312-330
Conference Publications:	Year	Title of Paper	Published in
	2011	Thermal stress analysis of laminated beams under plane stress condition of elasticity	<i>Advances in Composites & Solid Mechanics</i> 2011(ACSM-2011), Sardar Vallabhbhai Patel Institute of Technology, Vasad – 388306, Gujrat
	2012	Semi-analytical Solution for Piezoelectric Laminate under Cylindrical Bending	<i>Structural Engineering Convention – 2012</i> (SEC-2012), S. V. National Institute of Technology, Surat – 395007, Gujarat
	2015	Semi-analytical Solution for All-round Simply Supported Smart Plate	<i>Shells, Plates & Beams - 2015</i> (SPB2015), University of Bologna, Italy
	2016	Semi-analytical Solutions for Functionally Graded Smart Plate in Cylindrical Bending	<i>International Congress on Computational Mechanics and Simulations – 2016</i> (ICCMS2016), IIT Bombay, Mumbai
	2016	Static Analysis of Functionally Graded Piezoelectric Plate	<i>Structural Engineering Convention 2016</i> (SEC2016), CSIR-SERC, Chennai, India
	2017	Thermo-electro-elastic Analysis of Piezoelectric Laminates in Cylindrical Bending	Engineering Mechanics Institute (EMI) Conference, University of San Diego, San Diego, USA
	2017	Semi-analytical Solutions for Thermo-electro-elastic Analysis of Piezoelectric Materials	20th International Conference on Composite Structures (ICCS20), 4- 7 September, 2017, Paris, France
Profile Link :	Web of Science ResearcherId: U-6098-2017 Google Scholar Profile: http://scholar.google.com/citations?user=eesg-wwAAAAJ		

	ORCID Profile: https://orcid.org/0000-0003-4442-9434
H –Index:	2
Product Developed:	Porous pavement brick as a part of BE project
Awards/Appreciation/Achievements:	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.