

Somaiya Vidyavihar University

Name: Dr. Priyanka Patil			E-mail: priyankapatil@somaiya.edu		
Contact No: 9967467709					
Department/Section:Mechanical department					
College: K J Somaiya School of Engineering					
DOJ Somaiya: 15/07/2013		Career Experience:15 Yrs		Industry Experience:_3 Yrs	Teaching Experience:_12 Yrs
Present Academic Designation: Assistant Professor			Present Administrative Designation: NA (Principal/Vice-Principal/ Associate Dean/ HOD etc)		

Area of research/specialization and Courses Delivered					
Research domain/interests/areas					
<ol style="list-style-type: none"> 1. Computational mechanics 2. Mechanics of composites 					
Courses Delivered					
<ol style="list-style-type: none"> 1. Engineering Mechanics 2. Strength of Material 3. Finite element Analysis 					

Recognition as a teacher by any University	UG: Yes	PG: No	Ph.D : No
Details of Recognitions			
<ol style="list-style-type: none"> 1. Mumbai University : concol-IS-ECD-2013-14/44201 dated7.5.2015 2. Somaiya Vidyavihar University July 19,2020 			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D	Ph.D (Aerospace Engineering)	IIT, Bombay	IIT, Bombay	2021-2025	9.25
PG	M.Tech Mechanical (Design)	Pune university	VIT, Pune	2010 - 2012	8.6
UG	B. E. (Mechanical Engineering)	Shivaji university	Govt. college of Engineering, Karad	2005 - 2009	70.85%

Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	Cummins Research and Technology India, Pune	Structural Analyst	1/7/2011	2/7/2013	2
2.	John Deere Technology centre India, Magarpatta,	Graduate Engineer Trainee	15/7/2009	22/7/2010	1

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	Pune				
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Research Accomplishments and Projects		
No of students pursuing Ph.D as on date:-		No of students completed Ph.D as on date:-
No of students completed PG thesis / Project work as on date: -		No of students / groups completed UG projects as on date: 7 groups
Publications Total:	Number of Peer review Journal papers: --	Number of Conference papers: --
<p>Details of Publications:</p> <p>International Journals</p> <ol style="list-style-type: none"> 1. P.Patil, S. Naskar, P.J. Guruprasad, “<i>Multiscale stochastic dynamic analysis of a damaged pretwisted composite strips</i>”, Journal of Composite Materials 2. P Patil, S Naskar, MT Vinoda, D Harursampath, PJ Guruprasad, “<i>Stochastic dynamic response for delaminated flexbeam like structures</i>” AIAA Journal 63.7 (2025): 2985-3004. <p>Conferences</p> <ol style="list-style-type: none"> 1. Presented a paper titled “Stochastic flexural buckling response of thin-walled composite strips” in “International conference on Computational Mechanics & Simulations(ICCMS-23)” held at IIT, Gandhinagar during 20/12/2023 to 22/12/2023. 2. P. Patil, S. Naskar, and P. J. Guruprasad, “Influence of material and geometrical uncertainties on the dynamic behavior of reducible composite structures”, 4th International conference on Mechanics of Advanced Materials and Structures (ICMAMS-2024), Ramaiah Institute of Technology, Bengaluru, India. 		
<p>Patents/Copy Rights</p> <ol style="list-style-type: none"> 1. Published a group patent on the suture device (Details: Patent no. – 459434, Govt. of India (Awarded date: 16/10/2023) Role: Team member 		
No of Research / consultancy / projects completed: -- Rs:	No of Research / consultancy / projects on-going: -- Rs:	No of Research / consultancy / projects on applied as on date: -- Rs:
<p>Details of Research / consultancy / projects: Nil</p> <p>Completed</p> <ol style="list-style-type: none"> 1. <p>On-going</p> <ol style="list-style-type: none"> 1. <p>Applied</p> <ol style="list-style-type: none"> 1. 		
<p>IPR/ Copyrights</p> <ol style="list-style-type: none"> 1. 		

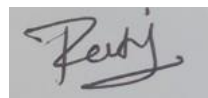
FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered
<p>Attended</p> <ol style="list-style-type: none"> 1. Workshop on Technical communication 2. STTP on fracture mechanics 3. STTP on Biology for Engineers 4. ISTE approved FDP on “Emerging trends in Mechanical Engineering” 5. NPTEL course completed on “Failure Analysis”. 6. NPTEL course completed on “Aerospace Structural Analysis”
<p>Organized : Nil</p> <ol style="list-style-type: none"> 1.
<p>Delivered : Nil</p> <ol style="list-style-type: none"> 1.

Notable Key Scholastic Achievements

Somaiya Vidyavihar University

1.	
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Notable Positions and Responsibility	
1.	Department Alumni coordinator



Date: 3 / 9 / 2025

Signature of Faculty Member