



JSPM's
RAJARSHI SHAHU COLLEGE OF ENGINEERING
TATHAWADE, PUNE-33
(An Autonomous Institute Affiliated to Savitribai Phule Pune University, Pune)



Civil Department

Patents/Copyright/Books/Book chapter

Year	2021-22	2022-23-	2023-24	2024-25	Total
Patents Granted	0	1	0	1	2
Patents Published	1	0	2	3	6
Copyright	0	0	1	1	2
Book Chapters	0	0	1	2	3
Books	0	2	0	0	2
Total	1	3	4	7	15




Director
JSPM's RSCOE
DIRECTOR
Jayawant Shikshan Prasarak Mandal
Rajarshi Shahu College of Engineering
(An Autonomous Institute)
Tathawade, Pune - 411 033



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Patent by faculty members

Sr. No.	Name of the faculty	Title	Application Number	Year	Status
1.	Mr Hemant Jagannath Joshi	Design IP of ruler as a drafting tool	352647-001 (Design No.)	2021-22	Published
2.	Dr. Goushiya A. Sayyed	A Method of Seismic Risk Assessment for Evaluating and Design of Bridges	202221055649	2022-23	Granted
3.	Mr Hemant Jagannath Joshi	An instrument for locking of writing tool at its origin	202221026530	2023-24	Granted
4.	Dr. Goushiya A. Sayyed	Earthquake Resistant Structures: Beam Column Joints	202321021778	2023-24	Published
5.	Dr. Goushiya A. Sayyed	Multipurpose Cold Storage with Extra Cooling Effect	202321005797	2023-24	Published
6.	Mr Hemant Jagannath Joshi	A Multifunction drawing apparatus	201721025630	2024-25	Granted
7.	Mrs. Vaishali Dinesh Jaysingpure, Dr. Minaxi Rai Sharma and Dr. Bharti Vikram Mahajan	Biogas Generation Device Through Organic Solid Waste	430984-001 (Design No.)	2024-25	Published
8.	Dr. Girija Deshpande	Wearable Device for Monitoring the Health of Mother and Fetus During Pregnancy	442866-001 (Design No.)	2024-25	Published
9.	Dr. Preeti Gajghate	Method And System for Mitigating Air Pollution and its Impact on Climate Change	202521001647 A	2024-25	Published

Copyright by faculty members

Sr. No.	Name of the faculty	Title	Year	Registration No.
1.	Dr. Anadrao Ramchandr Deshmukh	The Development of an empirical Equation for temporal evaluation of scour	2023-24	L- 143967/2024
1.	Mrs. Ramatai Ganesh Pawar	Optimized mix framework for accelerated carbonation concrete by GGBS and SF	2024-25	L- 162317/2025

Books by faculty members

Sr. No	Name of Author	Title of Books	Publisher	Publication Year
1	Dr. S. S. Shahapure	Data Analysis in Geomatics	CRC Press	2022-23
2	Dr. Rakesh K. Jain	Application of Data Science in Transportation Systems	CRC Press	2022-23
3	Dr. Rakesh K. Jain	Data Science for Civil Engineering	CRC Press	2022-23

Book Chapter by faculty members

Sr. No	Name of Author	Title of Book/ Book Chapter	Publisher	Publication Year
1	Dr. R. A. Dubal	Effect of Basalt Fibre on the properties of Concrete	Springer, Singapore	2023-24
2	Dr. R. A. Dubal	State-Of-The-Art Review on Performance-Based Seismic Design of Structures with Soil-Structure Interaction	Springer Singapore	2024-25
3	Dr. R. A. Dubal	The effect of soil structure interaction on the seismic behaviour of reinforced concrete movement resistant frames with vertical irregularity	Springer Singapore	2024-25




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