

Curriculum Vitae



1. Name: Nitesh Ambadas Pachpor
2. Designation & Department: Assistant Professor, Mechanical Engineering
3. Correspondence address: Mahakali Krupa Nivas, Ayodhya Nagar, Akola, Maharashtra
4. Email(s): nitesh.pachpor@coeta.ac.in

5. Academic Qualification (Undergraduate Onwards)

Sr. No	Degree	Year	Subject	University/Institution	% of marks /CGPA
1	B.E	July 2012	Mechanical Engineering	SGBAU	72.00%
2.	M.Tech	Nov 2017	Mechanical Engineering	BIT Chandrapur, Maharashtra	7.85 CGPA
3.	Ph.D.	Feb 2024 - Present	Mechanical Engineering	Dr. Vishwanath Karad MIT World Peace University	Pursuing

6. M.Tech Dissertation (2017): “*Experimental Investigation of Thermal Performance of Solar Air Heater With Different Roughness on an Absorber Plate.*”

7. Work experience

A. Industrial

S.No.	Designation	Name of the Company	From	To
1	Junior Engineer	Vasavi Power Services Pvt. Ltd., CSTPS Chandrapur (2×500 MW)	Sep 2012	Apr 2015

B. Teaching

S.No.	Designation	Name of the Institute	From	To
1	Assistant Professor	Bhosale College of Engineering & Research, Akola	Jun 2015	May 2016
2	Assistant Professor	College of Agril. Engineering & Technology, Thane	Jun 2017	Jan 2020
3	Assistant Professor	College of Agril. Engineering & Technology, Jalgaon Jamod Buldhana	Feb 2020	Jun 2022
4	Assistant Professor	College of Agril. Engineering & Technology, Thane	Jul 2022	Feb 2024
5	Research Fellow	Dr. Vishwanath Karad, MIT World Peace University, Pune	Feb 2024	July 2025
6	Assistant Professor	College of Engineering & Technology, Akola, Maharashtra	July 2025	Till now

8. Publications

S. No	Author(s)	Title	Journal / Conference	ISSN/ISBN	Volume (Issue)	Page(s)	Year
1	Prof. N.A. Pachpor	Comparative analysis of tubular and conical receivers for solar heliostat systems	World Journal of Advanced Engineering Technology and Sciences	ISSN: 2582-8266 (Online)	13(02)	678–685	2024
2	Prof. N.A. Pachpor	Development and Performance Evaluation of Traditional, Pedal Operated and Modified Pedal Portable Paddy Thresher for Small Farmers	Journal of Pharmacognosy and Phytochemistry	E-ISSN: 2278-4136 P-ISSN: 2349-8234 JPP 2020; 9(1): 1033-1039	9	1033–1039	2020
3	Prof. N.A. Pachpor	Analysis of Drying Characteristics of Ginger by Different Drying Methods	Journal of Pharmacognosy and Phytochemistry	E-ISSN: 2278-4136, P-ISSN: 2349-8234	8(6)	1998–2004	2019
4	Prof. N.A. Pachpor	Analysis of Paddy Straw, Paddy Husk and Saw Dust Briquettes by Using Hand Operated Briquetting Machine	International Journal of Current Microbiology and Applied Sciences (IJCMAS)	ISSN: 2319-7706	8(11)	640–651	2019

5	Prof. N.A. Pachpor	Compare the Performance Characteristics of Solar Trolley Type Sprayer and Solar Knapsack Sprayer	International Journal of Current Microbiology and Applied Sciences (IJCMAS)	ISSN: 2319-7706	8(11)	739-752	2019
6	Prof. N.A. Pachpor	Automatic Solar Tracking System Used for Irrigation	Journal of Pharmacognosy and Phytochemistry	E-ISSN: 2278-4136, P-ISSN: 2349-8234	8(6)	2005–2011	2019
7	Prof. N.A. Pachpor	A Comparative Analysis of the Performance of Natural and Forced Convection Solar Dryer for Drying Fruits	International Journal of Agricultural Science and Research (IJASR)	ISSN(P): 2250-0057, ISSN(E): 2321-0087	8(6)	89–94	2018
8	Prof. N.A. Pachpor	Study on Different Technology Used in Solar Dryer: A Review	International Research Journal of Engineering and Technology (IRJET)	e-ISSN: 2395-0056, p-ISSN: 2395-0072	5(07)	—	2018
9	Prof. N.A. Pachpor	Performance Enhancement of Pre-Cleaner and Gravity Separator	International Journal of Pure & Applied Bioscience (IJPAB)	ISSN: 2320–7051	6(6)	838–852	2018
10	2	To Analysis Efficiency of Solar Air Heater with Discrete V-Shape Roughness Geometry on an Absorber Plate	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	ISSN(Online): 2319-8753, ISSN(Print): 2347-6710	6(10)	—	2017

9. A. Books

S.No	Title	Author's Name	Publisher	Year of Publication
1	A Textbook of Renewable Energy and Green Technology	Nitesh A. Pachpor, Priti P.Lad	Sara Book Publisher (ISBN: 978-93-88672-11-5)	2019

B. Book Chapter

S.No	Chapter Title	Author's Name	Book Title	Year of Publication
1	Advanced Paradigms in Renewable Energy Harvesting Technologies	Nitesh A. Pachpor	Advanced Trends in Mechanical Engineering (Volume - 3) ISBN 978-93-5834-583-4 Integrated Publications	2025

C. Article

S.No	Title	Author's Name	Publisher	Year of Publication
1	Importance of Solar Tunnel Dryer Technology	Nitesh A. Pachpor	Krishkonnati	2019
2	Biomass Wheat (Briquette) Production Business	Nitesh A. Pachpor	Krishkonnati	2019

10: Field of Expertise / Specialization.: **Manufacturing and Sustainable Non-Conventional Energy**



Date and Sign

10/12/2025