


Curriculum Vitae

Name in Full	Dr. Deepak Chandrabhan Sonawane	
Current Position	Associate Professor Dean Research and Development	
Office Address	Department of Mechanical Engineering SSVPS Bapusaheb Shivajirao Deore College of Engineering, Deopur, Dhule. Maharashtra.424005	
Permanent Address	119-A behind Hotel Akash Aadarsh nagar krushi colony, Deopur Dhule, Tal Dist. Dhule 424005.	
Nationality	Indian	

Religion	Hindu
Caste	Maratha
Category	OBC
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Academic record

Degree	College / University / Institute	Year of Passing	Class / Division
DME	MSBTE, Mumbai	1997	First Class
B.E. Mechanical	North Maharashtra University, Jalgaon	2005	Distinction
M.E. Mechanical	North Maharashtra University, Jalgaon	2009	First Class
Ph.D.	Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded. Swami Ramanand Teerth Marathwada University, Manded	2019	-

Membership of Professional Bodies

Name of the Body	Status of Membership : Life / Annual
The Indian Society for Technical Education	Life Member – LM 68448

Employment (Particulars of past and current positions)

Sr. No.	Employer	Position held	Date of Joining	Date of Leaving
1	Maharashtra State Electricity Board (Nasik Thermal Power Station, Eklahare)	Technician	01/12/1998	30/11/1999
2	Shri Suresh dada Jain College of Engineering, Jalgaon	Technical Assistant	01/06/2000	03/08/2006
3	Shri Suresh dada Jain College of Engineering, Jalgaon	Lecturer	04/08/2006	31/12/2007
4	S.S.V.P.S.B.S.Deore College of Engineering Deopur Dhule	Assistant Professor	01/01/2008	13/03/2014
5	Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded	Research Scholar under TEQIP-II	14/03/2014	13/03/2017
6	S.S.V.P.S.B.S.Deore College of Engineering Deopur Dhule	Assistant Professor	14/03/2017	30/06/2019
7	S.S.V.P.S.B.S.Deore College of Engineering Deopur Dhule	Associate Professor	01/07/2019	-
8	S.S.V.P.S.B.S.Deore College of Engineering Deopur Dhule	Dean Research & Development	01/08/ 2019	-

Conferences / Seminars attended

Sr. No.	Conferences / Seminars attended	Title of paper	Place	Page no.
1	International Conference on Advanced and Agile Manufacturing Systems	“Experimental Study of Corrugated Flat Plate Collector (CFPC) for Waste Water Evaporation”	KNIT, Sultanpr UP	503-508
2	International Conference on Advanced and Agile Manufacturing and Agile Software Development (ICAM-ASD2016)	“Solar compound parabolic collector: A review”	SGGSIE & T, Nanded.	271-274
3	International Conference on Advanced and Agile Manufacturing and Agile Software Development (ICAM-ASD2016)	“Analysis of solar parabolic dish collector by using CFD approach”	SGGSIE & T, Nanded.	214-219

4	International Conference on Advanced and Agile Manufacturing and Agile Software Development (ICAM-ASD2016)	“Thermal performance analysis of solar based flat plate collector used for effluent treatment”	SGGSIE & T, Nanded.	220-223
5	International Conference on Advanced and Agile Manufacturing and Agile Software Development (ICAM-ASD2016)	“Experimental study on the performance of flat plate collector for effluent treatment”	SGGSIE & T, Nanded.	267-270
6	National conference on Renewable Energy Sources for Sustainable Climate	“Comparative study of spiral tube flat plate collector for industrial effluent evaporation- Unglazed conditions”	IIT, Varanasi	260-266
7	National conference on Renewable Energy Sources for Sustainable Climate	“Design and fabrication of concentrated parabolic collector for steam based application”	IIT, Varanasi	150-155

Publication in journals

Sr. No.	Journal	Title of Paper	Status
1	International Journal of Emerging Trends in Science and Technology	Experimental Study of use of Solar Energy for the Effluent Treatment by Using Flat Plate Collector	Published 2015
2	International Journal of Engineering Science & Research Technology. Issue-7 From 629 to 637	Experimental Analysis of Corrugated flat plate collector for Effluent Evaporation	Published 2016
3	Institution of Engineers Annual Technical Volume- 2017 ISBN-978-81-936149-0-7 From 81 To 88	Theoretical and Experimental study of open serpentine tube flat plate collector for effluent evaporation by using solar energy.	Published 2017
4	Inderscience- International Journal of Renewable Energy Technology ISSN 1757-3971 From 68 To 82	Theoretical and Experimental analysis of glazed serpentine tube flat plate collector for effluent evaporation	Published 2019
5	International Journal of Advances in Engineering	Thermal analysis of Copper tube receiver of solar parabolic dish collector using	Published 2022

	and Management ISSN: 2395-5252 Vol.4 Issue-7 PP. 519-524	computational fluid dynamics	
6	Journal of Renewable Energy and Environment	A Review on Recent Advancements in Indirect Solar Drying of Agricultural Products	Accepted
7	Springer- Non-conventional and Renewable Energy, Fluid Mechanics & Machinery	Theoretical and Experimental analysis of unglazed serpentine tube flat plate collector for effluent evaporation	Under review- First Review Submitted
8	Elsevier- Solar energy	Parametric study of single cover spiral tube flat plate collector for effluent treatment	Under review- First revision Submitted

Short Term Courses/Workshops/Seminars Organized

Sr. No.	Title of Workshop	Level	Place	Period
1	National Training Workshop on Entrepreneurship in Renewable Energy, with special emphasis on manufacturing "Parabolic Solar Cookers"	National	SSVPS Bapusaheb Shivajirao Deore College of Engineering Deopur Dhule.	27/01/2010 To 29/01/2010
2	Training Programme for "Installation Commissioning testing and operation & Maintenance of Scheffler solar cookers and steam cooking Systems"	International	SSVPS Bapusaheb Shivajirao Deore College of Engineering Deopur Dhule.	21/01/2012 To 27/01/2012
3	One week Workshop on R & D In Solar and Wind Energy Systems	National	Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded	08/01/2017 To 13/01/2017

Research Project/Grants received.

Sr. No	Funding Agency	Project Title	Project Period	Amount in Rs.	Present Status
1	TEQIP-II (INN) Institute of Chemical Technology, Mumbai	Design and Fabrication of Improved Mobile Blancher for Turmeric Processing.	2 Year	12,50,000	01/10/2014 To 01/10/2016 Completed
2	R & D Fund Shri Guru	Design and Development	1 Year	1,00,000	02/01/2015

	Gobind Singhji Institute of Engineering & Technology, Nanded.	of serpentine tube flat plate collector for Effluent Treatment in process Industry			To 01/02/2016 Completed
3	TEQIP-II (INN) Institute of Chemical Technology, Mumbai	Solar energy Based Water Recovery & Effluent Evaporation System	1 Year	05,50,000	04/03/2017 To 03/03/2018 Completed

Expert lecture delivered outside the college

Sr. No.	Type of Program	Title of Program	Place	Date
1	Suryamitra One Month Training Installation and testing of Solar PV panels	Practical Training use of Pyranometer and data collection, RTD connections and Data logger	Government Polytechnic, Nanded	22/02/2017 To 24/02/2017
2	ISTE approved Short Term Training Program	“Advanced Technology for Energy Conservation and Sustainable Development”	Government Polytechnic, Nanded	28/02/2017

Professional Training / Workshop/FDP/STTP Attended

Sr. No.	Nature of Training	Duration	Organization where training was provided
1	Workshop - [Advanced Engineering Optimization Through Intelligent Techniques.]	16/06/2008 To 20/06/2008	NIT, Surat (G.J.)
2	Seminar - [Energy Conservation & Audit]	16/02/2009 To 16/02/2009	SSBTS College Of Engineering & Technology. BAMBHORI, JALGAON
3	Workshop - [Solar & Wind Energy: Theory & Practice.]	27/02/2009 To 12/03/2009	NIT, Bhopal (M.P.)
4	Workshop - [Effective Teaching]	23/06/2009 To 27/06/2009	SSVPS Bapusaheb Shivajirao Deore College of Engineering, Dhule.
5	Workshop - [Solar photovoltaics, Fundamentals, Technologies And Applications]	12/12/2011 To 22/12/2011	IIT, Bombay
6	Workshop - [Innovation in Maintenance Management]	21/05/2012 To 25/05/2012	IIT, Delhi

7	Energy Audit workshop on oil conservation organized by PCRA Ministry of Petroleum & Natural Gas Government of India	11/03/2013	SSVPS Bapusaheb Shivajirao Deore College of Engineering, Dhule.
8	Workshop - [TEQIP Workshop on Research at Mechanical Engineering Department]	22/12/2014 to 23/12/2014	IIT, Bombay
9	Workshop - [Recent Trends in Non-Conventional Energy with the focus on Solar and Wind Energy]	25/05/2015 To 29/05/2015	Government College of Engg. Karad
10	Workshop - [Continuing Education Program - Computational Fluid Dynamics: Theory and Practice]	15/06/2015 To 19/06/2015	NIT, Surat (GJ)
11	Workshop – [TEQIP-II Sponsored – Impending Paradigm shift in Engineering and India’s Preparedness]	23/09/2015 To 23/09/2015	Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded.
12	STTP – Statistical Analysis for Signal and Image Processing and Data Analysis	27/02/2017 To 04/03/2017	Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded.
13	3 rd TEQIP Innovation Networking Project Meeting & Exhibition	23/03/2017 To 23/03/2017	Institute of Chemical Technology, Mumbai.
14	Short Term Course – Machining Dynamics	15/10/2018 To 19/10/2018	IIT, Kanpur
15	AICTE Sponsored QIP – Machine Learning and Applications	21/01/2019 To 25/01/2019	SGGSIE & T, Nanded
16	Two Week FDP- Pedagogical and Assessment Techniques for Product Design Engineering	25/02/2019 To 06/03/2019	Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, Maharashtra
17	AICTE Sponsored FDP- Faculty Development Program for Student Induction	27/05/2019 To 29/05/2019	CSMSS, COE, Aurangabad
18	AICTE Sponsored FDP- Faculty Development Program for Student Induction on UHV	09/12/2019 To 15/12/2019	Sandeep Institue of Engineering and Mangement, Nashik
19	Outcome Based Education: A Step Towards Excellence	11/05/2020 To 15/05/2020	Government College of Engineering, Karad
20	Advanced Trends in Engineering	19/05/2020 To 23/05/2020	NIT, Nagpur In Association with Institution of Engineers

21	Open FOAM	01/06/2020 To 07/06/2020	SVKM Institute of Technology, Dhule, In Association with IIT, Bombay
22	Robotics, Automation and Industry 4.0	08/06/2020 To 12/06/2020	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune. In Association with Indian Machine Tool Manufactures Association
23	Product Development & Industrial Research-2020	06/07/2020 To 10/07/2020	Government College of Engineering, Aurangabad
	Train the Teacher Training Program (TTT) online learning: Classroom TeachingPlatform.	24/07/2020 To 27/07/2020	KBCNMU, Jalgaon
24	Current Biomedical Applications of 3D Printing and Additive Manufacturing	02/11/2020 To 07/11/2020	G H Raison College of Engineering, Nagpur
25	Advancement in Renewable Energy	14/12/2020 To 19/12/2020	Government College of Engineering, Nagpur
26	Application of Artificial Intelligence and Machine Learning in Mechanical Engineering	12/03/2021 To 16/03/2021	Dr. D. Y. Patil Institute of Technology Pimpri, Pune-18
27	Techniques for Promoting Creativity and Innovation Among Students	24/05/2021 To 28/05/2021	Dr. Rajendra Gode Institute of Technology and Research, Amravati
28	Experimental Methods in Engineering	05/07/2021 To 09/07/2021	TEQIP Sponsored Government College of Engineering Karad
29	Research Avenues in Thermal Engineering (RATE-2021)	26/07/2021 To 30/07/2021	Vasavi College of Engineering, Hydrabad (AP)
30	Environmental Cyber Physical Systems	23/08/2021 To 27/08/2021	Indo-South Korea Joint Network Center, IIT Indore
31	Innovation Management	06/09/2021 To 10/09/2021	AICTE Training and Learning DBATU, Lonere, Raigad
32	Novel Materials	04/10/2021 To 08/10/2021	AICTE Training and Learning, NIT, Mizoram.
33	CNC Turning and Milling	28/11/2022 To 03/12/2022	Ministry of Micro. Small & Medium Enterprises Technology Centre, Indore, MP