

## Somaiya Vidyavihar University

Name: Dr. Manish deo			E-mail: manish.deo@somaiya.edu		
Contact No: 9718960203					
Department/Section: Mechanical Engineering department					
College: K J Somaiya School of Engineering					
DOJ Somaiya: 10/10/2023		Career Experience: 8.3 Yrs		Industry Experience: _Nil_Yrs	
				Teaching Experience: _9.0 Yrs	
Present Academic Designation: (Professor/Associate Professor/Assistant Professor)			Present Administrative Designation: Non (Principal/Vice Principal/ Associate Dean/ HOD etc)		

Area of research/specialization and Courses Delivered					
Research domain/interests/areas					
<ol style="list-style-type: none"> <li>1. Production Engineering</li> <li>2. Welding and Casting</li> </ol>					
Courses Delivered					
<ol style="list-style-type: none"> <li>1. Manufacturing technology</li> <li>2. Mechanical Measurements and control</li> <li>3. Auto CAD</li> <li>4. Materials and metallurgy</li> <li>5. Engineering Mechanics</li> <li>6. Material Science and Metallurgy</li> </ol>					

Recognition as a teacher by any University	UG: Yes	PG: Yes/No	Ph.D : Yes/No
Details of Recognitions			
<ol style="list-style-type: none"> <li>1. Manav Rachna International University, Faridabad</li> <li>2.</li> </ol>			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D	Ph.D.	IIT (BHU), Varanasi	IIT (BHU), Varanasi	2022	7.75 CGPA
PG	M.Tech.	IIT (BHU), Varanasi	IIT (BHU), Varanasi	2009	7.45 CGPA
UG	B.Tech.	Uttar Pradesh Technical University, Lucknow), (UP)	Krishna Institute of Engineering and Technology, Ghaziabad	2007	60%
Diploma	NA				
NET/SET/Other	GATE			2007	

Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	Manav Rachna International University, Faridabad	Assistant Professor	25-07-2009	6-09-2015	6 Years
2.	Dilkap Institute of Research and Management Sciences (DRIEMS), Neral, Mumbai	Assistant Professor	06-09-2022	09-10-223	1 Year

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Research Accomplishments and Projects		
No of Students Pursuing Ph.D As On Date: Nil		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: 4 groups
Publications Total: 07	Number of Peer review Journal papers: 06	Number of Conference papers: 2
<b>Details of Publications:</b> <b>International Journals</b> <ol style="list-style-type: none"> <li>1. S. Yadav, S. Kumar, S.P. Tewari, S. Ram, R. Prasad, N. Sinha, <b>Manish Deo</b>, J. K. Singh, <b>"Influence of high amplitude mould vibration on the morphology of silicon in the Al-Si alloy (A308)"</b>, Silicon, 15, 229–241, 2023, (SCIE Indexed)</li> <li>2. S. Yadav, S. Kumar, S.P. Tewari, S. Ram, R. Prasad, N. Sinha, <b>Manish Deo</b>, J.K. Singh, <b>"Influence of high-intensity horizontal mould vibration on the density, grain refinement, and mechanical characteristics of a die-cast aluminium alloy (LM-21)." Part E: Journal of Process Mechanical Engineering</b>, Vol. 237, Issue 3, 2022 (SCI Indexed)</li> <li>3. H. Kumar, R. Prasad, P. Kumar, <b>Manish Deo</b>, A. Ravindra, 2021, <b>"Characterisation of Gas Metal Arc Welded A 572 GR 50 Steel"</b> ICAAMM-2021, AIP Conference Proceedings 2492, 040061-1-040061-6, ISSN: 1551-7616; <a href="https://doi.org/10.1063/5.0130630">https://doi.org/10.1063/5.0130630</a> (SCOPUS Indexed)</li> <li>4. R. Prasad, H.Kumar, Nitesh K.Sinha, J.K.Singh, S.Yadav, <b>Manish Deo</b>, <b>"Characterisation of A356/(fly ash + red mud) surface hybrid composite fabricated by friction stir processing"</b>, Materials Today: Proceedings, 2020, ISSN 2214-7853 (SCOPUS Indexed)</li> <li>5. <b>Manish Deo*</b>, S.P. Tewari and G. S. Mahobia, <b>"Optimisation of GMAW Welding Parameters For Micro-Alloyed A572 Gr.50 Steel"</b>, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), ISSN(P): 2249-6890, ISSN(E): 2249-8001, Vol. 10, Issue 3, Jun 2020, 5481–5492 (SCOPUS Indexed)</li> <li>6. <b>Manish Deo*</b>, S. P. Tewari and G.S. Mahobia, <b>"Behaviour of HAZ and weld bead under different welding condition for A572 gr 50 steel"</b>, International Journal of Advanced Research in Engineering and Technology (IJARET), Volume 11, Issue 6, June 2020, pp. 646-655 (SCOPUS Indexed)</li> <li>7. <b>Manish Deo*</b> and S.P. Tewari, <b>"Effect of Cutting variables on Temperature During Metal Cutting"</b>, Manufacturing Technology &amp; Research International Journal, BIT Mesra, Ranchi, pp 29-36, 2009</li> </ol> <b>National Journals</b> <ol style="list-style-type: none"> <li>1. NIL</li> </ol> <b>Conferences</b> <ol style="list-style-type: none"> <li>1. H. Kumar, R. Prasad, P. Kumar, <b>Manish Deo</b>, A. Ravindra, <b>"Characterisation of Gas Metal Arc Welded A 572 Gr 50 Steel"</b> International Conference on "Advancements in Aeromechanical Materials for Manufacturing, 27-28 August, 2021, Organised by MLR Institute of Technology, Hyderabad (INDIA).</li> <li>2. <b>Manish deo</b>, S.A. Bhagat, K.S. Dhule, T.K. batav <b>"A Sustainable Water Filter for Rural Areas"</b> at ICRATESM-2023 International conference at DRIEMS, Neral, Mumbai on 16th and 17th March 2023</li> </ol> <b>Books/Book Chapters</b> <ol style="list-style-type: none"> <li>1. NIL</li> </ol>		
<b>Patents/Copy Rights</b> <ol style="list-style-type: none"> <li>1. Patent: Indian Patent applied on "Fixture For Welding of Thin Foil Via Gas Tungsten Arc Welding" (Ref. TEMP/E-1/63782/2021-CHE) and application no. 202141057686(unknown-1600-46344)</li> <li>2.</li> </ol>		
No of Research / consultancy / projects completed: NIL Rs:	No of Research / consultancy / projects on-going: NO any Rs:	No of Research / consultancy / projects on applied as on date: Rs:
Details of Research / consultancy / projects:		

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Completed

1.

On-going

1. .

Applied

1. .

IPR/ Copyrights

1. Title- “Design and Modelling of adhesively-fillet: Bonded tubular T-joint”, Registration Number: L-136064/2023, Dated: 14/11/2023

### FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered

Attended

1. Five days ISTE approved STTP on “Non Destructive Testing: Integrating Legacy and Emerging New Techniques from 08-12 July 2024 at KJSCE, Vidyavihar, SVU(Participated)
2. Five days, AICTE Training And Learning Academy Online Elementary FDP on "Simulation of Welds and Optimisation Techniques" from 12-16 July 2021 at Annamalai University
3. Two days, workshop on “Micromachining Technology”, 17-18June, 2016, organised by Indian Institute of Technology (BHU) Varanasi.
4. Seven days TEQIP short term course on “Recent Advances in Casting and Welding” 22-28 Feb-2019 at Mechanical Engineering Department, IIT (BHU), Varanasi, India.
5. One day, workshop on IPR: Awareness and government initiative on 17th June 2015 at MRIU, Faridabad.
6. Two days Short Term Course on Manufacturing: Processes, Materials and Systems MPMS-2014 from 18-19 July 2014 at F.E.T. (MRIU Faridabad).
7. One day, National conference “Paradigms in Mechanical Engineering (PME-2014) on 20th Dec 2014 at FET, MRIU Faridabad.
8. One day Workshops on DOE and Taguchi technique on 4th April 2012 conducted by Dept. of Mechanical Engineering, F.E.T. (MRIU Faridabad).
9. Three days, FDP on Current Global Pedagogical Practice held from 21-23 May 2012 at MRIU Faridabad. Lectures and hands on experience class taken by Dr. Juhani Nieminen Vice President from Lathi University of Applied Sciences, Finland.

Organized

1. Volunteered in Seven days TEQIP short term course on “Recent Advances in Casting and Welding” 22-28 Feb-2019 at Mechanical Engineering Department, IIT (BHU), Varanasi, India.
2. Organizing member for 5 days ISTE, STTP on Non Destructive Testing: Integrating Legacy and Emerging New Techniques from 8-12 July2024 at KJSCE, Vidyavihar,SVU
3. Organizing member for Int. Conference on Technologies for Energy, Agriculture and Healthcare (ICTEAH 2024) on 15-16 April 2024 organized at KJSCE, Vidyavihar, SVU

Delivered

1. NIL

### Notable Key Scholastic Achievements

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| 1. | Qualified GATE in 2007 and got MHRD scholarship in PhD and M.Tech. |
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### Notable Positions and Responsibility

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| 1. | Placement coordinator for Mech. Engg. Department at Manav Rachna International University, Faridabad |
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2.	Subject convener and paper setter for Auto CAD, MMC and Production Engineering subjects at MRIU, Faridabad and DRIEMS, Neral
3.	Session chair at ICRATESM-2023 International conference at Dilkap Institute of Research and Management Sciences, Neral, Mumbai on 16th and 17th March 2023

**Date: 03 / 09 / 2025**

*Manish Deo*  
**Signature of Faculty Member**