

Resume



1.Name of Applicant : Dr.Hemant Rajendra Nehete

2.Name of Father : Mr. Rajendra Pundalik Nehete

3.Permanent Address:

6, Third floor, Radharaman residency, Shivcolony, Jalgaon

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4. Date of Birth: - 03/12/1993

5. Nationality: - Indian

6. Religion: - Hindu

7.Qualifications Details:-

Degree	Specialization	Month & Year of Passing	Institute	Board/ University	%	Division
S.S.C	General	June 2009	KMC School, Faizpur	Pune	86.92%	First
H.S.C	Science	June 2011	D.N. college ,Faizpur	Pune	76.50%	First
B.E	Mechanical	May 2015	J.T.M.C.O.E. , Faizpur	N.M.U. Jalgaon	67%	First class with Distinction
M.E	Machine Design	May 2017	J.T.M.C.O.E. , Faizpur	N.M.U. Jalgaon	70%	First class with Distinction
Ph.D	Mechanical	February 2024	RKDF Institute of sci & technology, Bhopal	Sarvepalli Radhakrishnan University, Bhopal	-----	-----

8. Experience: Total 8 Years Experience (01 Year Industrial and 7 Years Teaching)

(a) Industrial Experience:

Total 1 Year Industrial Experience.	
Designation	Purchase Engineer
Organization	MECH INDIA Engineers Pvt Ltd, Dombivli, Dist-Thane, Mumbai MECH INDIA is the manufacturer of burnishing tools

(b) Teaching Experience:

Sr. No.	Total 7 Years Teaching Experience.	
1	Designation	Assistant Professor
	Duration	27/07/2017 to 10/01/18
	Organization	TMES'S J.T.Mahajan college of engg, Faizpur
2	Designation	Assistant Professor
	Duration	11/01/18 to 21/03/2023
	Organization	KCES'S College of engg & Management, Jalgaon
---	Designation	Assistant Professor
	Duration	23/03/2023 to till date
	Organization	Godavari Foundations, Godavari college of engineering, Jalgaon

9. Administrative Experience:

1. Class teacher of T.E Mechanical (Academic year 2018-19)
2. Class teacher of B.E Mechanical (Academic year 2019-20 to 2022-23)
- 3 Project coordinator for T.E & B.E Mechanical.(2018-19 to 2021-22)
4. ISE Coordinator and OR/PR coordinator.
5. CO-Coordinator in the event SPITECH-2K19.
6. Admission coordinator.
7. Cultural coordinator in Annual social Gathering.
8. Project guide for U.G students.
9. Industrial visit Incharge for B.E(Mechanical)
10. Faculty coordinator for HYDRO-LAUNCH in SPITECH 2K18,2K19.
11. Paper setter for subject Machine design-I for Remedial exam winter 2019, DBATU
12. Examiner/Moderator for Winter 2019, Summer 2022, Winter2023 exam,DBATU

10. Workshop,FDP,STTP :

1. One Days workshop on, "National Programme on Technology Enhanced Learning (NPTEL Awareness)", Organized by J.T. Mahajan College of Engineering ,Faizpur, 23- Sept. 2013.
2. Three Days workshop on, "How to crack aptitude test", Organized by J.T. Mahajan College of Engineering ,Faizpur, August 2013.
3. One Week STTP on 3D Modelling Assenbly and Analysis Of Automotive Parts

- Using CATIA V5 R19 Organised by Department of Mechanical Engineering, SSBTS College of engineering and technology, Bambhori, Jalgaon, 14-18 Nov 2017.
4. Five Days International Workshop on “Additive Manufacturing” Organised by Amrutvahini college of engineering, Sangamner, March 12-16, 2018.
 5. Two days workshop on “IPR & Patenting Awareness of Invention and Innovation(WIPAI-2019)” organized by Godavari college of engineering, Jalgaon, November 28-29, 2019.
 6. One week workshop on “Renewable energy: Applications and Entrepreneurship” organized by, Department of Mechanical engg, SSBTS college of engg and technology, Bambhori, Jalgaon. May 26-30, 2020.
 7. One week webinar cum E-FDP on “Machine Learning and Post COVID-19 effect on Computer science Research”, conducted by Department of computer science Engineering and Applications, SRK University, Bhopal, June 2-6, 2020.
 8. One week certificate program on “Use of ICT Tools for Enhancing Quality of Higher Education in India” organized by KCES’S college of engg and management, Jalgaon and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa college, University of Delhi, February 9-15, 2022.
 9. One week FDP on “Industry 4.0: Paradigm shift in technology” organized by Department of Mechanical & E&TC , Vidyavardhinis college of engineering, Vasai, Palghar, 26 June 2023 to 1 July 2023.
 10. One week FDP on “Research Trends in Data Computing & Machine Learning” organized by Department of Computer engineering, Nutan Maharashtra Institute of Engineering & Technology, Pune, May 22-26, 2023.
 11. A National level webinar on “Business skills needed to thrive in the 21 st century” Organized by Sardar Patel college of engineering, Mumbai, 28 August 2023.
 12. A FOP on “Employability skills” Orgaized by DBATU Forum of Innovation, Incubation & Enterprise (DFIIE) in collaboration with Wadhvani Foundation, October 16-18, 2023.
 13. One week STTP on “communication skills” organized by Godavari college of engineering, Jalgaon, Dec 11-15, 2023
 14. NEP2020 orientation and sensitization programme organized by UGC Malviya Mission Training centre, Sant Gadgebaba Amaravati University, Amravati, January 1-10, 2024.

11. Publications Books

1. Basic Piping Engineering, Walnut Publications, Bhuvaneshwar. ISBN 9789389744699, April 2020.
2. Design and analysis of Leaf spring, Walnut publications, Bhuvaneshwar, ISBN13: 9788119232741, ISBN10: 8119232747, May 2023.

12. Publications in International Journal/ Conference:-

1. “Leaf spring damping of vibrations by composite material addition”, Published in International Journal Of Mechanical Engineering Reserch And Technology (IJMERT), Issue-2, ISSN 2454-535X, May 2017, pp:1-8.
2. “Vibration analysis of leaf spring by different composite materials” published in International Journal of Mechanical Engineering Research And Technology (IJMERT), Issue-2, ISSN 2454-535X, Volume 3, May 2017, pp:17-27.
3. “Comparison of vibration analysis of steel and composite Leaf spring”,

Published in International Journal Of Mechanical Engineering Reserch And Technology (IJMERT), Issue-3, ISSN 2454-535X, August 2017, pp:1-9.

4. “ Vibration analysis of composite leaf spring by Finite element method”, published in International Journal for Innovative Research in Science and Technology(IJRST), volume4, Issue-8,ISSN 2349-6000 Jan 2018.
5. “ A review on mechanical performance of banana fiber reinforced epoxy composites” published in International Journal of Engineering Applied science & Technology (IJEAST), Volume 4, Issue12,ISSN No-2455-2143, April 2020, pp112-114.
6. “Stress analysis of composite plate with elliptical and rectangular cutouts by finite element method” published in International Research Jpurnal of Modernization in Engineering Technology & Science(IRJMETS), Volume2, Issue5,e-ISSN 2582-5208, May 2020,pp:220-229.
7. “Static analysis of I-section boom of rotary jib crain for material handling system by finite element method” ” published in International Research Jpurnal of Modernization in Engineering Technology & Science(IRJMETS), Volume2, Issue5,e-ISSN 2582-5208, May 2020,pp:653-659.
8. “Developing a chaff cutter blade with different blade bevel angles for improving productivity”, published in International Journal of Emerging Trends in
9. Engineering and Basic science (IJEEBS), Volume 9,Issue 2, ISSN 2349-6967, March-April 2022, PP:1-7.
10. “Design and modification of fodder cutter machine blades for improving blade life”, European Journal of Advances in Engineering & Technology, Volume 9, Issue 4s 2022, ISSN 2394-658X, February 2022.
11. “Fabrication of tender coconut cutting and water extraction machine”, International Journal Of Research Publication and Reviews (IJRPR), Vol 3, Issue 5 ,ISSN 2582-7421, May 2022, PP:11545-1158.
12. “Fabrication of solar water sprinkler robot”, International Research Journal Of Modernization in Engineering Technology and Science (IRJMETS), Volume 4, Issue 5, e-ISSN 2582-5208, May 2022.
13. “Fabrication of Automatic floor cleaner”, International Journal Of Research Publication and Reviews (IJRPR), Vol 3, Issue 6 ,ISSN 2582-7421, June 2022,PP:1094-1096.
14. “Multiple attribute decision-making methods helps in logically selection of chaff cutting machine blades” Eur. Chem. Bull. 2023, 12 (S3), 7306 – 7317.
15. “Chaff cutter machine steel selection based on AHP and TOPSIS”, China Petroleum Processing and Petrochemical Technology, Volume 23, Issue 2, August 2023 Pp. 195-211.
16. “Finite element analysis of frp-steel comopsite chaff cutter blades with different blade bevel angles”, China Petroleum Processing and Petrochemical Technology, Volume 23, Issue 2, September 2023 Pp. 921-928.

13.Publications in conference:-

1. Presented paper entitled “A Review on design and development of hybrid aluminium composite shaft” in A Multidisciplinary National Conference on Management, Engineering & Science Organised by KCES’S College of engg & Information technology & second shift polytechnic, Jalgaon.
2. Presented paper entitled “A Review on safety impact guard with PRV based damper” in A Multidisciplinary National Conference on Management, Engineering & Science Organised by KCES’S College of engg & Information technology & second shift polytechnic, Jalgaon.
3. Presented paper entitled “Design and modification of chaff cutter machine

blades for improving blade life” in International conference on Tech Trends in Science & Engineering organized by Sarvodaya college of engineering & Technology, Nagpur on February 25-26, 2022.

4. Presented paper entitled “Developing a chaff cutter blade with different blade bevel angles for improving productivity” in International conference on Innovation in Technology, Engineering, Science & Humanities organized by Priyadarshini J.L college of engineering ,Nagpur on March 4-5, 2022.

Signature of the applicant

