

Resume

1. **Personal Information :**

Full Name – Mrs. Vandana Neelkanth Mahajan

Date of Birth – 29th August 1979

Designation – Asst. Professor

Email Address – er.vandana@rediffmail.com

Contact No. – 9405444753



2. **Educational Information :**

Sr. No.	Education	University	Percentage	Passing Year	Specialization	Special Honor
1	SSC	Nasik	89%	1995	-	First Class
2	Diploma	M.S.B.T.E.	72.28%	June-1998	Mechanical	First Class
3	BE	N.M.U.	67.70%	June-2002	Mechanical	First Class
4	ME	N.M.U.	72.6%	Nov.-2010	Machine Design	First Class

3. **Experience : 13 Years**

a. Employment Record:

Sr. No.	Organization / Institute	Designation	Working Period	Subject
1	UDCT, NMU, Jalgaon	Lecturer(Contract Basis)	Dec.2004-April 2006	Machine Design
2	Govt. Poly. Jalgaon	Lecturer(Visiting)	Oct.2003-Dec.2004	Thermodynamics
3	Govt. college of Engg. Jalgaon	Lecturer(Visiting)	July 2002 – Oct.2003	Steam Technology, Tribology

b. Other related experience/research/industries : Nil

4. **Subject Offered/ Mechanical Taught :**

Sr. No.	Class	Branch	Subject
01	S.E.(1 st)	Mechanical Engineering	Engineering Thermodynamics
02	T.E.(2 nd)	Mechanical Engineering	Machine Design-II
03	T.E.(2 nd)	Mechanical Engineering	Machine Design-II
04	S.E.(1 st)	Mechanical Engineering	Engineering Thermodynamics
05	S.E.(1 st)	Mechanical Engineering	Applied Thermodynamics
06	T.E.(2 nd)	Mechanical Engineering	Machine Design-II
07	S.E.(1 st)	Mechanical Engineering	Applied Thermodynamics
08	T.E.(2 nd)	Mechanical Engineering	Machine Design-II
09	T.E.(2 nd)	Mechanical Engineering	Machine Design-II
10	L.Y.(1 st)	Mechanical Engineering	Steam Technology, Tribology

5. **Areas of Research / Interest : Design Engineering.**

6. **Administrative Responsibilities:**

a. Major Achievement

Sr. No.	Responsibility	Organization
1	Worked as a member of T&P cell	Govt. College of Engg. Jalgaon
2	Working as member of AICTE/NBA Accreditation committee	Govt. College of Engg. Jalgaon
3	Working as sub-nodal officer of academic reforms	Govt. College of Engg. Jalgaon
4	Working as Co-ordinator for Annuual Magazine of Instiute, Working as member of AICTE/NBA Accreditation committee	Govt. College of Engg. Jalgaon
5	Secretary of Alumni Association, Worked as member of AICTE/NBA Accreditation committee	Govt. College of Engg. Jalgaon
6	Secretary of Alumni Association, Worked as member of AICTE/NBA Accreditation committee	Govt. College of Engg. Jalgaon
7	Secretary of Alumni Association, Worked as member of AICTE/NBA Accreditation committee	Govt. College of Engg. Jalgaon
8	Worked as a member of T&P cell,	Govt. College of Engg. Jalgaon
9	ISTE student chapter (Faculty Incharge)	Govt. College of Engg. Jalgaon
10	Departmental NAAC co-ordinator	Govt. College of Engg. Jalgaon
11	Departmental Time Table co-ordinator	Govt. College of Engg. Jalgaon
12	Girls Hostel Warden	Govt. College of Engg. Jalgaon

b. Other responsibilities Held: Warden (Girls hostel)

7. Membership of Scientific and Professional Society:

Sr. No.	Organization	Type of membership	Membership details (no. & date)
1	Indian Society for Technical Education	Life member	LM 76819 , Year-2011

8. Consultancy and Sponsored Research Activities : Nil

9. No. of Ph.D. and ME/M. Tech/M. Phil Guided : Nil

10. Publications :

a. National : 01

Sr. No.	Name of Author(s), vol. no., page no. & year	Title	Details of paper published: (name of journal/conference/seminar,venue, date etc.)
01	Ms.Vandana N.Mahajan,	Investigation on Micro-hardness if Tio2/ZnO coating on SUS409L	National conference on innovation in science, Engineering and Management

b. International :04

Sr. No.	Name of Author(s), vol. no., page no. & year	Title	Details of paper published: (name of journal/conference/seminar, venue, date etc.)
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1	V.N..Mahajan, Shekhawat S.P., Vol.2,Issue- 2, 2011, pp 261-270,	Analysis of Blades of Axial Flow Fan using Ansys, International Journal of Advanced Engineering Technology	International Journal of Advances in Engineering and Technology.
2	V. N. Mahajan, Gaurav Pethkar, Nagesh Patil, Vol 6, Issue-3, March 2017	Review on Shale gas by using Hydraulic fracturing in India	International Journal of Innovative Research and Science, Engineering and Technology
3	V. N. Mahajan, Gaurav Pethkar, Nagesh Patil, Suryakant Dhondge Vol 6, Issue-3, March 2017	A survey on year round air conditioning system in cars by using exhaust gases	International Journal of Innovative Research and Science, Engineering and Technology
4	V. N. Mahajan, Punam Patil, Parag yadav, Vol 6, Issue-5, May 2017	A review of Optimization techniques of various machining parameters of milling machine	International Journal of Engineering Science and Research Technology
5	V. N. Mahajan,	Metal oxides and its blended derivative's coating for anti- corrosion application	International Journal of Engineering and Material Science
6	V. N. Mahajan,M .J.Sable, Suhas R. Patil, Vol 29, Feb 2022,pp 9- 17	Optimization of corrosion behavior of blended Tio2/ZnO coating on SUS 304 using Taguchi Method"	Indian Journal of Science and Technology

c. Books/Monograms/Review Articles/Patents if any; NIL

11. Details of Participation in Technical Activity :

a. Conferences/Seminars/Workshops/ STTP

Sr. No.	Title	Details of organizing body	Venue	Duration
1	Digital Instructional Resource Development	NITTTR, Bhopal	NITTTR, Bhopal	20-24 June 2011
2	Recent Advances in Nano Technology and Nano Science	UDCT, NMU, Jalgaon	UDCT, NMU, Jalgaon	15-30 June 2012
3	Recent Trends in Computer Networking	Government College of Engineering, Jalgaon	Government College of Engineering, Jalgaon	3-7 Dec 2012
4	Research Methodology	Government College of Engineering, Jalgaon	Government College of Engineering, Jalgaon	16-20 March 2013
5	Energy and Environmental Conservation	Government College of Engineering	Government College of Engineering	24-28June 2013
6	Leveraging the Expertise Technical Teaching Skills	Government College of Engineering	Government College of Engineering	16-21, Sept.2013
7	Mathematical and statistical approaches in Engineering Applications	Government College of Engineering, Jalgaon	Government College of Engineering	26-30 Dec.2013

8	Formulation of Research and Development Initiatives for Women Scientists and Technologists	Engineering Staff College of India ,Hyderabad	Engineering Staff College of India ,Hyderabad	05-07 Feb.2014
9	Fluid Mechanics	K.C.E Society ,COEIT ,Jalgaon	K.C.E Society ,COEIT, Jalgaon	20-30 May 2014
10	Advanced Manufacturing Processes	Indian Institute of Technology ,Bombay	Indian Institute of Technology ,Bombay	11-16 Aug.2014
11	Finite Element applications in Engineering	Govt College of.Engg. Jalgaon	Govt College of.Engg. Jalgaon	24-28 Feb 2020
12	NPTEL course on Corrosion Failure and Analysis	IIT Madras	IIT Madras	Jul –Sept 2021
13	International conference on Emerging Trends in Engineering Science and Technology 2021	Government College of Engineering	Government College of Engineering	06-07, Feb.2021
14	Webinar on foundation of learning to higher education: NEP @glance	Government College of Engineering	Government College of Engineering	18 Feb 2021
15	Product Development and Analysis (PDA) 2022	Government College of Engineering	Government College of Engineering	21 Feb - 25 Feb 2022
16	Quality Assurance and Accreditation: An overview in respect of new guidelines and NEP 2020	Government College of Engineering	Government College of Engineering	31 Jan -04 Feb 2023
17	Advances in physical Sciences and Material (ICAPSM-2023)	KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India	KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India	17-18, August 2023
18	NPTEL course on Ethics in Engineering Practice	IIT Madras	IIT Madras	Feb-Apr 2024

12. **Conference/Seminars/Workshop/STTP/CEP Organized :** Nil

13. **Selections/Honours/Awards/Fellowship :** Nil

14. **Invited Talks as a Trainer/Faculty:** Nil

15. **Extra Curricular / Co-curricular activities** Nil

This is to certify that the above information furnished by me is true to the best of my knowledge.

Date: 03/09/2024

Name and Signature of faculty

(Prof. V.N.Mahajan)