



**UNIVERSITY COLLEGE OF ENGINEERING
OSMANIA UNIVERSITY
HYDERABAD – 500 007**



RESUME

1. Name : Dr. V. UMA MAHESHWAR
2. a. Father's Name :Late V. JAGANNATHAM
b. Mother's Name :Late V.LIMBAMMA
3. Place of work :Osmania University, Hyderabad
4. Department & College :Dept. of Mechanical Engineering,
University College of Engineering, Osmania University
5. Date of appointment as
 - a. Assistant Professor with AGP Rs.6,000/- : 11-Aug-1997
 - b. Assistant Professor with AGP Rs.7,000/- : 11-Aug-2002
 - c. Assistant Professor with AGP Rs.8,000/- :
 - d. Associate Professor with AGP Rs.9,000/- : 11-Aug-2007
6. Current Designation &AGP : Associate Professor
7. Position and Academic Grade Pay applied for under CAS of UGC RSP 2006 : Professor ,Rs.37,400-67,000+AGP Rs.10,000
8. Date of eligibility for promotion :26-Oct-2018
9. Date and Place of Birth : August 02, 1969 , Jagtial
10. Gender : Male
11. Marital Status : Married
12. Nationality : Indian
13. Category (tick the category) : BC-B

**14. Address for correspondence (with Pin code) : Flat No. 310,
H.No. 1-9-698/1-4, Naik's Prudvi Golden Towers,
Vidyanagar, Hyderabad – 500 044**

15. Permanent Address : Same as above

Mobile No.9885085670..... Landline No.Not available.....

Email: mahesh.v@uceouedu

16. Academic Qualifications

Examination	Subject(s)	Name of the Board / University	Year of Passing	Percentage of marks obtained	Division / Class / Grade
High School / Metric	SSC	Board of Secondary Education	1986	76.5	First
Intermediate	MPC	Board of Intermediate Education	1988	82.4	First
Undergraduate	BE Mechanical	University College of Engineering Osmania University	1992	83	First with Distinction
Post-Graduate	ME Mechanical-Turbomachinery	University College of Engineering Osmania University	1999	78.6	First with Distinction

17. Research Degree

Degrees	Title	Date and year of award	University
Ph.D.	Mechanical Engineering	26 Oct-2018	Osmania University

18. Appointments held prior to joining the Osmania University service:

Designation	Name of the Employer	Date of joining	Date of leaving	Salary with Grade pay	Reason for Leaving
R&D Engineer & Coordinator-ISO 9001	Mahindra & Mahindra R&D Nashik	June 1996	August 1997	Rs 12,000 PM	Moving to Teaching Profession With Industrial Exposure
Production Manager, Manager-Production Planning and Control	Harvin Scientific Optics Pvt Ltd, Hyderabad	Aug 1993	June 1996	Rs 5,000 PM	Moving to Automotive Industry To pursue my passion
Design and Development Engineer	Renewable Energy Systems Ltd, Hyderabad	Sep 1992	Aug 1993	Rs 2,400 PM	For Higher "Responsibilities" with Higher Salary

19. Appointments after joining in the Osmania University:

(Enclose copies of the orders)

Designation	Department	Date of actual joining		Grade pay
		From	To	
Asst. Professor	Department of Mechanical Engineering	11-08-1997	11-08-2002	Rs.15,600-39,100+AGP Rs.7,000
Asst. Prof.- Senior Scale		11-08-2002	11-08-2007	Rs.15,600-39,100+AGP Rs.8,000
Associate Prof.		11-08-2007	Till date	Rs.15,600-39,100+AGP Rs.9,000

20. Teaching experience:

P.G. level : 20 years

U.G. level : 22 years

21. Research Experience excluding years spent in pursuing M.Phil. / Ph. D : 18 Years

22. Fields of Specification under the Subject / Discipline:

DISCIPLINE=MECHANICAL ENGINEERING

- (a) Turbo machinery
- (b) Thermal Engineering
- (c) Computational Fluid Dynamics
- (d) Quality Management Systems
- (e) Renewable Energy Systems
- (f) Career Guidance and Counseling

23. Orientation / Refresher Courses attended at Academic Staff Colleges:

Name of the Course	Academic Staff College / University	Duration	Sponsoring Agency/ Organising Agency
Big Data Analytics	University College of Engineering, Osmania University	2 days (Aug 2-4, 2018)	University College of Engineering, Osmania University
Faculty Advisor Forum	Marri Laxman Reddy Institute of Technology, Dundigal	1 day March 31, 2018	SAE Southern Section, SAE India
IP Awake: IP Awareness Program for Academia	Osmania University Center for International Programmes (OUCIP)	1 day Jan 24, 2018	Confederation of Indian Industry, Telanagana
Induction Program	University College of Engineering, Osmania University	1 day Jan 20, 2018	University College of Engineering, Osmania University, NBA
Outcome Based Education and Accreditation	University College of Engineering, Osmania University	1 day Dec 18, 2016	TEQIP-II, OUCE
Teaching Learning and Assessment Methodologies	University College of Engineering, Osmania University	2 days Dec 13-14,2016	TEQIP-II, OUCE
Advances in Materials and Manufacturing	University College of Engineering, Osmania University	3 days Dec 8-10,2016	DRDO & OUCE
How to write Research Proposal	University College of Engineering, Osmania University	1 day Sep 18 2015	TEQIP-II, OUCE
Engineering Research Methodology	University College of Engineering, Osmania University	3 days Aug 26-18,2013	University College of Engineering, Osmania University
Numerical Solutions to Mathematical Models using FOSS Tools	University College of Engineering, JNTUH Hyderabad	2 days Jan 3-4,2013	JNTUH
ISTE Workshop on Computational Fluid Dynamics	University College of Engineering, JNTUH Hyderabad	2 weeks June 12-22,2012	ISTE & IIT-Bombay under National Mission on Education through ICT (MHRD, Govt. of India)
Innovation	University College of Engineering, Osmania University	1 week Sep 2010	Dale Carnegie Institute& Wipro Ltd.
Ansys CFX	University College of Engineering, Osmania University	2 days Oct 15-16, 2009	ANSYS ACTIVE,OU

Advanced Manufacturing Systems	University College of Engineering, Osmania University	1 day July 30, 2009	University College of Engineering, Osmania University
Learnability- Insights	University College of Engineering, Osmania University	1 day Feb 5, 2009	Wipro Ltd, & University College of Engineering, Osmania University
Mission 10X Learning Approach	University College of Engineering, Osmania University	1 week July 18-22,2008	Wipro Ltd, & University College of Engineering, Osmania University
Mission 10X	University College of Engineering, Osmania University	1 week April 28-May 02 2008	Wipro Ltd, & University College of Engineering, Osmania University
High Impact Presentation Skills	University College of Engineering, Osmania University	2 days April 28-29,2008	Wipro Ltd, & University College of Engineering, Osmania University
Quality Assurance & ISO 9000 Certification	University College of Engineering, Osmania University	1 day March 5, 2008	University College of Engineering, Osmania University

Attended a Two week ISTE Workshop on Computational Fluid Dynamics Conducted by IIT Bombay conducted at JNTUCEH, Hyderabad under National Mission on Education through ICT (MHRD, Govt. of India)
Attended a Three day Workshop on “Numerical Solutions to Mathematical Models using FOSS Tools” Conducted by JNTUCEH, Hyderabad.

24) Journal papers published:

Year	Activity
	Research Publication
2018	V Uma Maheshwar, Vijrumbana, Analysis of Key Design Parameters of a Pure Scramjet Engine to Reduce its Starting Mach Number, International Journal of Modern Engineering and Research Technology. Volume 5 Special Issue June 2018
2018	V. Uma Maheshwar, Moogi Srinivasa Rao Hyderabad, Comparative Study of Structured and Unstructured Meshing of Nozzle Model,

	International Journal of Modern Engineering and Research Technology. Volume 5 Special Issue June 2018
2018	Computational Study of Savonius Vertical Axis Wind Turbine (VAWT) for Different Overlap Ratios, International Journal of Modern Engineering and Research Technology. Volume 5 Special Issue June 2018
2018	V. Uma Maheshwar, Pavan Mummadi, International Journal of Modern Engineering and Research Technology. Volume 5 Special Issue June 2018
2017	V. Uma Maheshwar, AMK Prasad, Experimental Investigation of Downstream Flow Field in a Linear Turbine Cascade: Effects of Relative Wall Motion, International Journal of Advanced Research in Basic Engineering Sciences and Technology, Volume 2, Special Issue 22 - April 2017, pp.37-49, ISSN 2456-5717
2016	V. Uma Maheshwar, AMK Prasad, Experimental Investigation of Downstream Flow field in a Linear Turbine Cascade: Effects of Incidence changes. International Journal of Engineering Technology, Management and Applied Sciences. Volume 4 Issue10 Oct 2016
2013	Md. Abdul Raheem Junaidi, GM Sayeed Ahmed, Dr. Nawazish Mehdi, V. Uma Maheshwar, Design Optimisation and Analysis of a Steam Turbine Rotor Grooves, IOSR Journal of Mechanical and Civil Engineering, Vol 8, Issue 6, PP 66-72

Publications other than journal articles (books, chapters in books):

Year	<u>Activity:</u> Text/Reference books published by International Publishers, with ISBN/ISSN number
2007	Editor for Proceedings of International Conference on Vibration Engineering and Technology of Machinery (VETOMAC –IV) Organised by University College of Engineering, OU and BHEL R&D at Hyderabad during Dec 17-19, 2007 ISBN 819041641-4

Year	<u>Activity:</u> Subject books published by National Level publishers, with ISBN/ISSN number or state / Central Government publications
2010	Editor for Souvenir for International Conference on Reforms in Technical Education –Global Trends (ICORTE-2010) Organised by Dept of Mechanical Engineering, University College of Engineering, OU at Hyderabad during August 27-18, 2010