

RESUME

Name	VANKUDRE HARISH VASANTRAO
Qualification	B. E. (Mech.), M. E. (Production Engineering), Ph.D. (Mechanical - Manufacturing Engg.)
Date of Birth	1st Nov, 1958
Marital Status	Married
Present status	Principal, Bharati Vidyapeeth College of Engineering for Women, Dhanakwadi, Pune- 43
Address for correspondence	Dr. Harish V. Vankudre, B4 /207, Anita Residency, Katarj Kondhawa Rd, Pune 411046 Email: harishvankudre@gmail.com Mobile: 9860176909



CAREER OBJECTIVES :

1. To become a resource person in the field of Manufacturing Engg.
2. To become a good educator.
3. To develop Theory of Autosurfaces

EDUCATIONAL QUALIFICATIONS :

EXAMINATION PASSED	BOARD / UNIVERSITY	YEAR	% OF MARKS
B. E. (Mechanical)	Shivaji University, Kolhapur	1981	67.28
M. E. (Prod. Engg.)	University of Bombay.	1988	69.00
Ph.D. (Mechanical - Manufacturing Engg.)	Indian Institute of Technology, Bombay	2002	—

TEACHING AND RESEARCH (23 years) , INDUSTRIAL(2 years)

Sinhgad College of Engineering , Pune**July 2004 – July 2015**

- Teaching at Under-graduate level and Post graduate level in Mechanical and Production Engineering.

K. I. T. College of engineering ,Kolhapur**August 1990 - July 2004**

- Teaching at Under-graduate level in Production Engineering.
- Projects in the area of press tool design , lapping.

V. J. T. Institute , Bombay.**Oct. 1986 – July 1990**

- Teaching at Under-graduate level in Production Engineering.
- Projects in the area of tool design , optimisation of sheet layout, process planning

Ferri-Pearl founders and Engineers , Satara**March 1985 – Oct 1986**

- Development engineer.

Blue Star Ltd. Bombay**March 1984 – March 1985**

- **Trainee Engineer**

ADMINISTRATIVE RESPONSIBILITIES

- Working as Head of Mechanical Department since 2009.
- TEQIP committee member
- Institute Entrepreneurship Development Cell co-ordinator.

COURSES ATTENDED

- 1 Induction program for Technical Teachers at V.J.T.I (conducted by TTTI, Bhopal.)
- 2 Workshop on “ Quality in Technical Education ” at V.J.T.I. Bombay.
- 3 STC on " Quality Assurance and Accreditation of Technical Institutions" at Smt. Kashibai Navale College Of Engineering Pune.
- 4 Faculty Development Programme in Entrepreneurship , MITCON , Dec. 2004
- 5 Course on “Breakthrough Reliability Engineering Techniques for Development , Operation and maintenance of Defense Equipment” at D.I.A.T Pune (2007)
- 6 Entrepreneurs Educators Course - National Entrepreneurship Network and STVP (2008)
- 7 STTP on " Process equipment Design” - S.I.T Lonavala.(2010)
- 8 Train the trainer program of STES Engineering college (2012 to 2014)
- 9 Leadership program under TEQIP by STES (Dec. 2014)

PARTICIPATION IN CONFERENCES / SEMINARS AND WORKSHOPS

- 1 International Seminar on Sheet Metal Forming Technologies, Bombay , 1994
- 2 National Conference on Sheet Metal Forming “ SMF 95” Bombay, 1995
- 3 One-Day Workshop on Sheet Metal Forming Technologies, Bombay, 1995
- 4 National Conference on Sheet Metal Forming “ SMF 97” Bombay, 1997
- 5 One day workshop on “ OIM – a national perspective” , IIT Bombay ,2002.
- 6 National symposium on Manufacturing Excellence “ SYMAX” at I.I.T. Madras. 2002
- 7 International Conference on Metal Forming “ Metal Forming 2002” at the University of Birmingham, U.K. Sept.2002.
- 8 International Seminar on “Casting ,Forming and Heat Treatment – Process Design and Optimization”, Indian Institute of Science , Bangalore. Sept.2003
- 9 National Conf. On Sheet Metal Forming “SMF 2005” at Hotel la meridian, Pune, 13-14th Dec. 2006.
- 10 National Conference on "Computer Applications in Manufacturing Engineering" at S.I.T Loanwala (2008)
- 11 National Seminar on Emerging Technologies in Micro and Nano Manufacturing” at D.I.A.T. Pune (2012)
- 12 2nd International conference on Industrial Engineering (ICIE 2013) at Dept. of Mechanical engineering, Sardar Vallabhbahti National Institute of Technology , Surat , 20-22 Nov. 2013.

RESEARCH PUBLICATIONS

- **International – A. Journal publications.**

1. **H. V. Vankudre**, P. P. Date, I. Samajdar and S K Yerra, "Effect of in-plane biaxial strain paths on the variation of normal anisotropy and texture of steel sheet " *Journal of Material Processing Technology*. Vol.125-126 (2002), pp. 756-763.
2. **H.V Vankudre** and P.P.Date, “ Evaluation of the Mean Plastic Strain Ratio r_m of Metallic Sheets Prestrained Along Different Biaxial Strain Paths”, *Journal of Testing and Evaluation of ASTM* in Vol. 31, No. 4 of Year 2003.
3. Yerra S.K, **Vankudre H.V.**, Date, P. P. and Samajdar, I., “ Effect of strain path and Magnitude of prestrain on the formability of a low carbon steel: on the textural and microtextural developments”, *ASME transactions Journal of Engineering Materials and Technology* . Vol. 126, No.1 (2004) pp. 53-61.
4. Sujay Shelke,H.V.Vankudre,Vinay Patil,Comparative evaluation of Mode combination methods in seismic analysis using response spectrum method for tank structure using FEA-Seismic FEA”, *Journal Applied mechanics and Materials*.Vols.110-116(2012), pp 5240-5248
5. Avinash S. Shinde, Prof (Dr.) H. V. Vankudre, Prof (Dr.) C. S. Pathak, “Fatigue Analysis Of Crankshaft Section Under Bending With Consideration of Induction Hardening”, *International Journal of Advances In Management, Technology And Engineering Science*, ISSN: 2249-7455, Vol. 1, Issue 9(I), June 2012, pp 56-60
6. S. V. Latkar, H. V. Vankudre and C. S. Pathak, “Flexible Multi-Body Dynamic Analysis of Crankshaft System”, *I JAE* 2 (2012) 194-199, Published by Eureka Press, Singapore ISSN –2010 4391.

- 7 Vankudre H. V., Kulkarni S. A., Gawali, S., "Design and Development of Automatic Weighing System for Wheel Loader", International Journal of Engineering Research & Technology (IJERT), Vol. 3 Issue 11 Nov-2014, pp1508-1513
- 8 Kulkarni P. B., Gosavi A. K., Vankudre H. V., Kulkarni P. P, "Development of Pulse Jet Engine Based Fumigation System for Agricultural Application", International Journal of Research and Scientific Innovation(IJRSI), Volume I, Issue II, July 2014 ISSN: 2321 - 2705 Impact Factor: 0.709 (IIFS)
- 9 Deshmukh A.B, K. Senthilkumar, H.V.vankudre,"Modelling and Simulation of Multi-Axle Combat Vehicle Model over Different terrain Obstacles" International Journal of Emerging Technology and Advanced Engineering, Vol. 4, issue 12 , Dec. 2014,pp 285-288.
- 10 R. S. Sewane,H. V. Vankudre, M. N. Kakatkar,"Personal Handy System Based Online Vehicle Tracking With Mobile Locking", Int. Journal of Engineering Research and Applications ISSN : 2248-9622, Vol. 4, Issue 8(Version 1), August 2014, pp. 154-157.

Conferences:

- **International**

- 1 **H.V.Vankudre** and P.P. Date, " Some investigations on the Variation of Normal Anisotropy During Forming of Steel Sheets", Proceeding of 5th International Conference on Sheet Metal **SheMet '97**, 8-10 April, 1997, University of Ulster, **North Ireland**.
- 2 **H. V. Vankudre** and P. P. Date, On the Prediction of Strain Localization of a Biaxially Stretched Steel Sheet Considering Strain and Strain Path Dependent Variation in Tensile Properties, Proceedings of **NUMISHEET 2002**, Oct. 21-25, 2002, pp. 637-642. Jeju Island , **South Korea**.,
- 3 H.V.Vankudre , S.N Shinde, D.G Thakur," Study and analysis of machining of Inconel 718" Second International Conference on Industrial Eengineering at SVNIT Surat, 20-21 Nov. 2013.
- 4 H.V.Vankudre , S.N Shinde, D.G Thakur, "Experimental analysis of surface roughness in mavinging of Inconel 718" International conference on Design. Manufacturing and Mechatronics ICDMM 2014,at KJ's Trinity College of Engineering, Pune

- **National**

- 1 **H.V.Vankudre** and P.P. Date, " Deformation Analysis of Auto-Body Component Fender", Presented at National seminar on Sheet Metal Forming -**SMF'97**, April 25-26, 1997, Bombay, India.
- 2 **H.V.Vankudre and** P.P. Date., "Development and Standardization of a tool for In-plane stretching of sheet metal by Marciniak Method" ,Presented at National symposium on Manufacturing Excellence "**SYMAX**" at **I.I.T. Madras**, 5-7th Jan. 2002
- 3 R.A. Shaikh **and H.V.Vankudre.**, " Design and Analysis of Tube sheet" at All India Seminar on "Emerging Trends in Automobile Industry" **23-24 May 2009, Institution of Engineers, Pune Chapter.**
- 4 Awathankar S., Vankudre H. V., "Development of Unmanned Guided Vehicle for Unstructured Environment", National Conference on Advances in Mechanical

Engineering (NCAME-2014) ISBN-978-98-5196-216-8,pp 193-200.

Other Achievements:

1. **Approved Ph.D. guide for Savitribai Phule Pune University.**
2. **Best teacher award - instituted by “Cognizant Technology Solutions”**
3. **Member of Faculty of Engineering Savitribai Phule Pune University.**
4. **Member Board of studies in Production and Industrial Engineering Savitribai Phule Pune University.**
5. College selected for TEQIP grant.
6. Department was accredited by NBA for 5 Years.
7. Coordinator for IGNOU study center.
8. Coordinator and resource person for THERMAX GRADUATE PROGRAM.
9. Dept. received MODROB grant for Rs. 13.00 Lakhs from AICTE.
10. Received travel grant from AICTE for presenting a paper in the 9th International Conference on Metal Forming “Metal Forming 2002” at the University of Birmingham, UK.
11. Represented Shivaji University in **Football** (1979-80).
12. Resource person for a primer course in Sheet Metal Forming arranged by SMFRA at Chakan Jan 2004.
13. Resource person for Two day workshop on Tribology at SCOE.
14. Coordinator for “Entrepreneurship Awareness Camp” .
15. Resource person for STTP on “Reliability and Failure Analysis of Engineering Systems” at SCOE (2007).

RESEARCH SUPERVISOR

- Ph.D. students – 02 (ongoing)
- M.E Students - 12

CONFERENCE ORGANIZED

- National Conference on Fluid Dynamics and Heat Transfer (FDHT15)
(under QIP program of SPPU)

FACULTY DEVELOPMENT PROGRAM ORGANIZED

- Advances in Product Design and Surface Engineering (in collaboration with IIM Pune chapter)
- Automotive Emissions and Control Technologies (under TEQIP)
- On Advances In Heat Exchanger Technologies (Under TEQIP)

SYLLABUS REVISION /IMPLEMENTATION WORKSHOPS CONDUCTED

- MECHTRONICS (T.E. Mech. 2012 course).
- RELIABILITY (B.E. Mech. 2012 course)

FUNDS RECEIVED

Sr. No.	Details	Amount (Rs.)	Sponsors
1	Reliability Analysis of Hydraulic chuck	3.00 Lakhs	UOP BCUD Research Grant for Teachers
2	Demonstrative setup for online fuzzy tuning PID controller for MIMO system on steam power plant	1.8 Lakhs	AICTE
3	Mod rob funding for purchase of Dell 1600 work stations	13 Lakhs	AICTE

REFERENCES

- 1 **Prof. P. P. Date** , Dept. of Mechanical Engg., Indian Institute of Technology, Bombay, Powai , MUMBAI - 400 076.
Phone : (91-22) 2576 7511 (O)
Email : ppdate@me.iitb.ac.in
- 2 **Prof. K. Narsimhan**, Dept. of Metallurgical Eng. & Mat. Sci, IIT Bombay, Powai, Mumbai 400076, India.
Phone : 91-22-2576 7630 (O), 91-22-2572 8018 (R), 91-22-2576 8630 (R)
Email : nara@me.iitb.ac.in

I declare that the above particulars are true and correct to the best of my knowledge.

PLACE : Ahmednagar

DATE : 11/08/2016

(**HARISH V.VANKUDRE**)