

CURRICULUM VITAE

Dr. HV Panchakshari Ph.D

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Academic Qualifications

- Ph.D in Mechanical Engineering, VTURRC Bangalore, 2014.
- M.Tech in Manufacturing Science & Engg, MSRIT, VTU, 2001.
- B.E in Mechanical Engineering, MCE Hassan Mysore University, 1992.

Experience

- 20years of experience in Teaching and Research

Academic:

- Professor & Head, RR Institute of Technology, Bangalore, July 2016.
- Faculty in Mechanical Engineering, Ibri College of Technology, Sultanate of Oman, Oct 2013 to June 2016.
- Assistant Professor, Department of Mechanical Engineering, Kammavari Sangham Institute of Technology, Bengaluru. June 2012 to September 2013.
- Faculty in Mechanical Engineering, Nizwa College of Technology, Sultanate of Oman, Oct 2008 to Jan 2012.
- Assistant Professor, Department of Mechanical Engineering, Saphthagiri College of Engineering, Bengaluru, July 2007 to September 2008.
- Sr.Lecture/Lecturer, Dept. of Mechanical Engineering, Acharya Institute of Technology, Bengaluru, September 2002 to June 2007.
- Lecturer, Dept. of Mechanical Engineering, Shirdi Sai Engineering College, Bengaluru, April 2001 to Aug 2002.
- Lecturer, Dept. of Mechanical Engineering, Acharya Polytechnic, Bengaluru, July 1996 to September 1999.
- Production Engineer, D.S. Granites Private Limited, Maddur, Karnataka, Dec1992 to June1996.

Memberships of Professional Bodies

- Indian Society of Technical Education.

Equipment's developed

- Aluminium Melting Furnace.
- Stirring unit for Stir Casting.
- Seed Sowing Machine.
- Post Hole Auger.
- Gear Pump.

Study Materials developed

- Laboratory Manual for Mechanical Measurements & Metrology lab.
- Engineering Materials.
- Manufacturing Operations Management.

Course Subjects taught

- Material Science & metallurgy
- Internal Combustion Engines
- Elements of Mechanical Engineering
- Applied Thermodynamics
- Fluid Mechanics
- Heat & Mass Transfer
- Engineering Graphics
- Manufacturing Process

Student Projects Guided

- UG: 18
- PG: 01

Curricular and co-curricular activities

- **Organizing Secretary & Treasurer**, Forum of Acharya's Mechanical Engineers (FAME), Acharya Institute of Technology, Bengaluru, 2006.
- **Convener**, State level Student Symposium, Yanthrotsav 06, Acharya Institute of Technology, Bengaluru, 2006.
- **NSS Programme Officer**, Acharya Institute of Technology, Bengaluru, 2006.

Programs/Seminars/Conferences Organized

1. State level Symposium "Yanthrotsav" 2006, Acharya Institute of Technology, Bengaluru.
2. Seminar on "Cellular metals", Dr. H.B. Niranjan, Professor, Mechanical Engineering Department, MSRIT, Bengaluru, 2004.

Programs/Seminars/Conferences Attended

1. Review of **Quality Assurance Manual**, Ibri College of Technology, Sultanate of Oman, 5th July 2015.
2. Workshop on **Strategic & Operational Plans**, Nizwa College of Technology, Sultanate of Oman, Oct 2010.
3. Workshop on **Managing Staff**, Nizwa College of Technology, Sultanate of Oman, 11th Jan 2010.
4. Workshop on **Student Project Presentation Methodology**, Nizwa College of Technology, Sultanate of Oman, 10th Jan 2010.
5. Workshop on **Academic Integrity**, Nizwa College of Technology, Sultanate of Oman, 10th Jan 2010.
6. Workshop on **E- Learning**, Nizwa College of Technology, Sultanate of Oman, 10th Jan 2010.
7. Workshop on **Teaching Methodology**, Nizwa College of Technology, Sultanate of Oman, 9th Jan 2010.

Publications

1. **Dr. Panchakshari HV**. “Effect of Cryogenic Treatment on Corrosion Behaviour of Al 6061/ Al₂O₃ MMCs” Magazine published from Ibri College of Technology, Oman, Vol 3, May 2015.
2. **Dr. Panchakshari HV**, Dr. D.P. Girish, “Effect of Deep Cryogenic Treatment on Microstructure, Mechanical and Fracture Properties of Aluminium-Al₂O₃ Metal Matrix Composites”, IJSCE, Vol 1/6, Jan 2012.
3. **Dr. Panchakshari HV**, Dr. D.P. Girish, “Investigation on Effect of Cryogenic Parameters on Wear Behavior of Aluminium- Al₂O₃ MMCs Using Taguchi Method”. IJSCE, , Vol 2/3, July 2012.
4. **Dr. Panchakshari HV**, Dr. D.P. Girish “Effect of Cryogenic Treatment on Microstructure and Micro hardness of Al6061 - Al₂O₃ Metal Matrix Composites”, IJERS, Vol 3/1, March 2012.
5. **HV. Panchakshari**, T.Lokesh, et al “Strengthening of Ferrous Alloys Subjected to Sub-Zero Temperature”. National Conference at YMCA Institute of Engineering. Faridabad, Dec. 9-10, 2006.
6. T.Lokesh, **HV. Panchakshari**, et al “Light weight and Porous Metal Structures for Engineering Application”. National Conference at M.I.T. Manipal, Feb. 22-24, 2007.
7. **HV.Panchakshari, R.G. Deshpande**, et al “Cellular Structure of Metals and Their Engineering Applications”, National Conference at M.I.T. Manipal, Feb. 22-24, 2007.
