

Curriculum vitae



1. Name in Full:- **Hemant Kumar**
2. Correspondence Address:- Assistant Professor
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3. Permanent Address:- S/o Sh. Rewati Prasad
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4. Date of Birth:- 05th February 1973
5. Academic Qualification:
B. Tech. (Mechanical Engineering Specialization in Welding, 65.22 1999) Department of Mechanical Engineering, Sant Longowal Instt. Of Engg. & Technology.
M.Tech. (Persuining) (Manufacturing Technology) Department of Mechanical Engg., National Insstt. Of Technical Teacher's Training & Research, Chandigarh.
6. Work Experience:-
 - a. Assistant Professor, Department of Mechanical Engg. , G .B. Pant Engg. College Pauri Garhwal from 29th July2005 to till date.
 - b. Lecturer, Bhagwan Mahaveer Insst of Engg. & Technology Sonepat From 25th sept.2001to 19th july 2005.
7. Administrative Experience:-
 - a. Hostel warden from 2007 to 2011.
 - b. Officer in charge for guest house from 2009 to 2011.
 - c. Officer in charge for College water supply &civil maintenance from 2009 to 2011.
 - d. Public information Officer (RTI Act 2005) for college from 2010 to 2011.
 - e. Time Table in charge in the Department of Mechanical Engg.
 - f. Worked As a Registrar from 2010 to 2011.

- g. Officer in charge Central Store from 2011 to till date
 - h. Officer in charge Finance from 2011 to till date
 - i. Nodal officer Finance for TEQUIP under world bank project from 2010 to till date.
8. Area of Interest:-
Manufacturing technology, welding, and unconventional machining. Micro electro mechanical system, Metallurgy and material science.
9. Infrastructure Development related work:
- a. A few laboratory were set up under my supervision in the department of mechanical engg . such as Fluid machinery lab, fluid mechanics lab, basic mechanical engg lab.
10. Course attendant:-
- a. STC on Integrated CAD/CAM (Based on I-Deas) from 19 June 2001 to 9 July 2001 at NSIC Technical services Centre N.D
 - b. STC on FEM & Applications (using ANSYS) at DIT DDN during August 8-9, 2005.
 - c. FDP on Blue Print For Success at DIT DDN during 18-20 Nov.2006
 - d. STC on Advances in Thermo-Fluids Engineering: From Modeling to Experimentation at IIT Roorkee during July 2-6, 2012.
 - e. STC on Manufacturing Excellence through Quality Assurance at IIT Roorkee during July 9-13, 2012.
 - f. TEQIP Conclave of Educators on Quality of delivered academics in Mechanical Sciences at IIT Kanpur during Dec.22-23, 2012
 - g. CEP course on Strategies for Organizations' Growth at IIT Bombay during January 21-25, 2013.
 - h. FDP on EFFECTIVE LEADERSHIP AND TEAMWORK at IIT Kharagpur (Kolkata Campus) during May22-24, 2013.
 - i. Training WOESHOP ON TEQIP FINANCIAL MANAGEMENT& e-FMR conducted by NPIU at Guru Nanak Dev University, Amritsar, on June 1,2013
 - j. STC on Fatigue and Fracture of Advanced Materials at IIT Roorkee during July 20-23, 2013
 - k. STC on Information Technology and Its Impact on Society-A New Horizon of Energy Efficiency and E-Waste Management (ITIS-2013) at GBPEC Pauri during August 26-30, 2013.
 - l. STC on Energy Resources at IIT Roorkee during January 6-10, 2014.
 - m. STC on ECO TECHNOLOGY for SUSTAINABLE DEVELOPMENT (ETSD-2013) at GBPEC Pauri during October 21-25, 2013.
 - n. A Training Programming on TALLY. ERP 9(56 HRS IN HOUSE TRAINING) at GBPEC Pauri during February 18-24, 2014.

11. Paper Published/Presented :-

- a Interaction Information Retrieval and Improved PageRank Algorithm Based on Access Duration of Page International Journal of Engg Research and Technology, Volume, 1, Issue 6, Aug-2012 2278-018
- b Improved Time Aware Incremental Page Ranking Using Personalized Link Structure Analysis International Journal of Computer Science Technology, Volume, 9, Issue 6, No 2, November-2012 1694-0814
- c Production methodology & chemical analysis of sunflower based biodiesel: A view point International Conference on Molecules to Materials 2006
- d Bulk welding an approach of saving wire and flux in submerged arc welding: A review NSWT-2006
- e An Approach of replacing conventional fuel by different bio mass fuel using down draft gasifier NCDDM-2007, 16-17 march 2007, SLIET Longowal, Sangrur March 16-17, 2007
- f Gas Hydrates as Fuels, Present status and Future problems of R/D Program NCACE&T-2007, 26-27 march 2007, SLIET Longowal, Sangrur March 26-27, 2007
- g Synthesis and Dry Sliding Wear Characterization of Aluminum based Metal matrix Composite Reinforced with In-situ (Iron ore) Alumina NCRAME-2013 July 8-9 2013