**CURRICULUM VITAE**

***Parmod Kumar***

***# AD-18 HMT Township***

***Pinjore, (Panchkula)***

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Career Objective

To become an asset to the organization by giving a comprehensive understanding to different operations in the organization and hence taking up early responsibility and contributing meaningfully to the progress of the organization to prepare for general management responsibility through self development, personal growth and enhancement of technical activities.

Educational Record

* Matric from D.N. City High School, Rohtak (72.6%).
* Diploma in Mechanical Engineering from H.I.T. Sonepat (2004-2007) (69.35 %)
* B.E. (Mech. with honors) from M.D.U.Rohtak (2007-2010)(70.70 %)
* M.Tech. (Mech.) from M.M. University, Ambala.(2011-2015) (8.79 C.G.P.A.)

Summer Training

* Completed 2 months Training at Havells India Limited. (June 2008-July 2008).
* Completed 2 months Training at Escorts India Ltd..(June2009 – July 2009).

Teaching Experience record

* Working as Assistant professor from Sep 2010 to present (6.6 years) in M.M.U. Sadopur, Ambala.

Subjects Taught

* Theory of machines
* Operations research
* ICGT
* Machine Design
* Machine Drawing
* Engineering Drawing
* Manufacturing process
* Non Conventional Machining

Conferences and Faculty Development Program Attended

* 2 days International conference in new drifts in mechanical Engineering in 2014 at M.M.U.Mullana.
* 7 days FDP attended at NITTTR Mohali.

Full Paper in Conference Proceedings

Ankit Dua,Bikramjit Singh,**Parmod Kumar**,A statistical approach to demonstrate the variation in hardness of Heat affected zones and weld pool formed during TIG welding between P91-P22 grade steels” International Conference on Newest Drifts in Mechanical Engineering ICNDME-2014,vol-1,pp.574-581,dec.2014.**(Awarded as the best paper of the conference)**

Overview of M.Tech Research Work

The dissimilar GTAW weld joints between P22 (2.25Cr-1Mo) steel and P91 (9Cr-1Mo) steel is commonly used in power plants. After welding, high hardness values of the heat affected zone (HAZ) of those dissimilar weld joints were possibly obtained. This high hardness HAZ comes from the austenite transformation to martensite due to the high cooling rate. The improper post weld heat treatment (PWHT) can result in a considerable difference in hardness between P91 steel and weld metal leading to prior crack and failure during high temperature operation. Therefore, there is a need to establish a proper post weld heat-treatment and the cooling conditions to reduce the difference in hardness .The research outlined is an investigation of the microstructure and mechanical properties of weldment of 2.25Cr-1Mo steel (P22) with 9Cr-1Mo (91) before and after the application of preheat and/or post weld heat treatment.

Organizational Duties Handled

* Associate head of the Training and placement cell of Department
* Worked as an effective member of University sports meet.
* Worked as Asstt. to Controller Suptt., Deputy Suptt. in university examinations.
* Internal & External Sessional awards co-ordinator.
* Member of Seminar/Presentation/Project Committee.
* Work as a admission counselor for the college
* Guided minor and major project of UG students.
* Member of  **“DISCIPLINE COMMITTEE”.**

Personality Traits

**Area of interest** Teaching

**Hobbiess** Writing, reading, listening music and traveling.

Strengths

* Analytical mind to identify problems and implement Effective solutions.
* Positive attitude in all circumstances.

Personal Profile

Name : Parmod Kumar

Father's Name : Sh. Ram Ratan

Nationality : Indian

Marital Status : Unmarried

Date of Birth : 25th August, 1985

**Declaration**

I hereby declare that the information given above is true to the best of my knowledge.

Date………... Parmod Kumar