

Shivinder Singh Mehta

S/o Shri Tara Singh Mehta,
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TITLE: Master in Electrical Engineer with 10+ yrs Experience.

KEY SKILL: Teaching Skills in Electrical Machines, Power Systems, Basic Electrical along-with their labs and Branch coordinator for the senior most batch in Electrical Engineering Department.

OBJECTIVE:

To work for a company/organization to contribute towards its growth and that provides an environment to grow intellectually and which provides a platform for better career.

WORK EXPERIENCE:

1. Baba Ghulam Shah Badshah University, Rajouri, J&K.

Designation	-	Lecturer
Department	-	Electrical Engineering Department, University Polytechnic BGSB University, Rajouri, J&K.
Duration	-	From 7 th October, 2010 to Till Date

Key Highlights:

A) Main Responsibility is to take the teaching load of electrical engineering department in university polytechnic, BGSB University

Main subjects undertaken are as follow

- Electrical Machines I & II : 4th and 5th Semester in Electrical Branch.
- Control Of machines : 6th Semester in Electrical Branch.
- Electrical Machines : 4th Semester in Electronics Branch
- Power System I : 5th Semester in Electrical Branch.
- Analog Electronics I : 3rd Semester in Electrical Branch.

- B) Coordinator of the 5th and 6th semester students.
- C) Member of time table Committee.
- D) Member of Entrance Conducting Committee.
- E) In-charge of computer related items in diploma engineering.

2. HENKEL TEROSON INDIA Ltd., (ANAND AUTOMOTIVE SYSTEM Parwanoo H.P)

Designation - Sr. Production Engineer
 Duration - From 9th Sept 2008 to October 2010.

Key Highlights:

- To plan and coordinate production engineering processes on daily basis to produce high quality product.
- Maintain SMP (Systematic Manufacturing Process) in shift and Filling all the DPR (Daily Production Report) and MIS (Material Inspection and Safety) reports in production log book and in inventory management software.
- Internal & external (ISO/TS 16949/2002 & ISO 14001) audits handling.
- Improve OEE (Overall Equipment Efficiency) by Implementing TPM (Total productive maintenance) and Implementing Anand Production System
- To maintain effective working of the plant machinery with zero breakdowns.
- 5S coordinator of the Organization and to conduct periodic 5S Audits (Mock Drills)
- Facilitator for Standardize Work Place and Work Place Organization (APS).
- Facilitator for changeover time reduction.
- Awareness About 5S, TAKT Time, Poka Yoke, Jishu Hozen , Kanban
- Ensuring the use of PPE's (Personal protective equipments) and all Safety Measures at shop floor.
- Maintenance data (MTTR & MTBF) and breakdown handling.
- Active participation in making Hazop analysis & ORCA performed while the 18001 OSHAS CERTIFICATION

COMPANY PROFILE:

- **Henkel Teroson India Limited** is a pioneer in automotive polymers, sealant, adhesives and surface coating. Which is a **joint venture between Henkel KGaA, Germany and Anand Group India**? It is an ISO/TS 16949/2002 & ISO 14001, OHSAS 18001 certified company, having the customers like Maruti / Hyundai / Toyota / Telco / Fiat / Mitsubishi / Honda / Mahindra & Mahindra etc.

3. **WIPRO, New Delhi**

- Designation - Sr. Technical Associate L2 Technician
- Duration - March 2007 – August 2008.
- Key Highlights -
- Main responsibility was the Hardware Troubleshooting for DELL Desktop Computers on the floor.
 - Maintaining effective working between the L1 technicians & Team Lead.

EDUCATIONAL QUALIFICATION:

Year	Degree	College/Board	Percentage
2015	M tech (Electrical Engineering)	Guru Nanak Dev Engineering College, Ludhiana	67.95
2006	B.E.(Electrical)	M.B.S. College of Engineering & Technology	61.91
2001	10+2 th	J & K Board of School Education	69.33
1999	10 th	J & K Board of School Education	68.40

TOPIC OF M TECH THESIS:

ENERGY OPTIMISATION IN AN INDUSTRIAL BUILDING; A CASE STUDY OF HENKEL ANAND INDIA PVT LTD.

The focus of the research is the implementation of "Building Management system", in an industry (Henkel Anand India Pvt. Ltd.), which can be done by removing the wastage of

energy by obtaining information about all the process and minimizing the total energy consumption while ensuring proper ease, comfort and safety.

PAPER PUBLISHED:

ENERGY OPTIMISATION IN AN INDUSTRIAL BUILDING; A CASE STUDY OF HENKEL ANAND INDIA PVT LTD. ID paperE5010106, Volume 5, Issue 1, IJAREEIE (International journal of advanced research in electrical, electronics and instrumentation engineering) on 20th January 2016.

This paper is an attempt to highlight the application of Building management system in an industry located in Parwanoo, Himachal Pradesh. After taking small measures there was a substantial reduction in the monthly electricity bills.

Projects:

Title – **PLC Based Solar tracking System**

Objective – Created a ladder logic in RS logix to control the movement of solar plate along with the movement of sun from sun rise to sun set to optimize the better usage of solar plates with a automatic tracking system

Title – **Robotic Arm**

Role – Project Leader.

Objective – Created a robotic arm with the combination of motors, timers and relays, which was designed to pick & drop the objects at predefined places.

Achievements:

1. **“Programmable logic controller”** certification course from PROLIFIC systems & Technologies Ltd. Chandigarh.
2. AICTE Recognized Short term course on **“Substantial Environmental Management”** organized at university polytechnic BGSB University.
3. Workshop on **“RFID and microcontroller based pervasive computing”** organized by ITE and CSE department, COET, BGSB University.

4. Two days seminar on **“Advances in electrical engineering”** organized by Electrical and renewable energy engineering department, COET, BGSB University.
5. Eight days Workshop on **“C Programming”** organized by Department of Mathematical sciences, BGSB University.
6. Entrepreneurship development course in MOBILE Technology organized by small scale industries at NITS Polytechnic Jammu, under the able guidance of SofTech Institute’s faculty
7. Certificate of participation for new trends in emerging technologies by CII (Confederation Of India Industry Since 1895) at New Delhi on 24-25th June 2010.
8. Certified First Aider by INDIAN RED CROSS SOCIETY, Chandigarh.
9. Stood 1ST in the District Level Science model Exhibitions.
10. Did professional training at NHPC Hydal power project Salal Joytipuram J&K.
11. Dell Certified best hardware technician.
12. Remained in the TOP list while working for DELL Computers & received couple of certificates.

Personal Information:

Father’s Name : Sh. Tara Singh Mehta
Date of Birth : 19-03-1984
Gender : Male
Marital Status : Single
Languages : English, Hindi, Punjabi, Urdu
Permanent address : Ward No.11, Tehsil Office, Rajouri, (J & K) 185131.