

RESUME

Name : **Dr. Krishan Kant Singh Mer**

Present address: **Type IV A residence, G.B.P.E.C. Ghurdauri, Pauri Garhwal Uttarakhand**

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Date of Birth: **4-07-1972 (Fourth July Nineteen Seventy Two)**

Nationality: **Indian**

Academic Qualifications: (Starting from High School)

Sr. No.	Examination	Year of Passing	Division	Specialisation if any	Name of the Board/ University
1.	High School	1987	I With Honours and Name in UP Merit List	Science	UP Board
2.	Intermediate	1989	I	Maths	UP Board
3.	B.Tech.	1993	I	Mechanical Engineering	College of Technology Pant Nagar
4.	M.E.	1995	I	Design of Process Machines	MNREC Allahabad
5.	Ph.D.	April 2008	I	Deformation Behaviour of Gradient Materials Based on Aluminium Alumina Particulate Composites	IIT Roorkee

Professional Experience:

Sr. No.	Designation (Organisation)	Pay Scale	Period of Employment		Nature of Duties
			From	To	
1.	Teaching Associate (GB Pant University Pantnagar)	Rs. 3400/- pm	4 -10-1995	30-6-1996	Teaching B.Tech. Students
2.	Design and Development Engineer(Krishna Maruti Limited)	Rs. 5000/- Basic pm	11-8-1996	18-5-1997	Design and Development of Seat Assembly for Maruti Cars
3.	Design Engineer (Iron Maxflow Pumps India Ltd.)	Rs. 12500/- pm	May 1997	15-7-1998	Design of Centrifugal Pumps.
4.	Lecturer (GBPEC Pauri)	Rs. 8000-13500	20-7-1998	3-7-2005	Teaching and Administrative Works
5.	Assistant Professor (GBPEC Pauri)	12000-18300	4-7-2005	1-1-2006	Teaching and Administrative Works
6.	Associate Professor (GBPEC Pauri) and Head Professor due from 4/7/2011	37400-67000	1-1-2006	Till Date	Teaching and Administrative Works

Subject Taught:

(a) Undergraduate level:

1. Fundamentals of Mechanical Engineering
2. Fluid Mechanics
3. Fluid Machinery
4. Strength of Materials
5. Material Science
6. Refrigeration and Air-Conditioning
7. Computer Aided Design
8. FEM
9. Thermal Turbo Machines
10. Engineering System Design
11. Engineering Mechanics
12. Automobile Engineering
13. Internal Combustion Engines
14. Nonconventional Energy Resources

(b) Postgraduate level:

- 1. Metal Casting**
- 2. Composite materials**

Details of Contribution made to Laboratory Development Activities/

Developed following Labs

- a. Strength of Materials**
- b. Fluid machinery**
- c. CAD and Project Lab**
- d. NDT Lab**
- e. Metallographic Lab**
- f. Fluid Mechanics**
- g. Metallography Lab**
- h. Advance Welding**
- i. Measurement and Metrology**

Details of Summer/Winter Schools attended

- a. Nano Technology and Nano Materials and Their Applications, at IIT Roorkee from 21-2-2005 to 25-2-2005**
- b. Teaching Methodologies and Pedagogy, at IIT Roorkee from 14-2-2005 to 18-2-2005**
- c. Non Conventional Sources of Energy, at IIT Delhi from 16-6-2003 to 27-6-2003**
- d. Auto CAD, At TTTI Chandigarh from 4-03-2002 to 15-3-2002**
- e. VSAT and Internet for AICTE, at NIC Delhi from 18-9-2000 to 19-9-2000**
- f. Advance Pneumatic Theories and Circuits, at SMC Pneumatics Australia from 11-12-2005 to 15-12-2005**
- g. Design and Conduct of Tracer Study for Pass Outs, at NITTTR Chandigarh from 8-11-2006 to 10-11-2006**
- h. Blue Print for Success , by Qualified Learning Systems Co. Inc.(USA)**
- i. Short Term Course on Innovations and Creativity Development in Teachers and Students**
- j. Strategies for Organization's Growth 21-25 Jan 2013 at IIT Mumbai**
- k. Effective Leadership and Teamwork, 23-25 May 2013 at IIT Kharagpur.**

Details of Contribution made to Curriculum Development

Being a member of Board of Studies of Uttarakhand Technical University, continuously engaged in development and modification in curriculum.

Details of Contribution made as Invited Faculty

- 1. Invited at KEC Dwarahat for special lectures on Metallurgy.**
- 2. Trained Officers at Uttarakhand Jal Vidut Nigam Kalagarh about materials for different parts of pumps.**

Details of Research work Supervised

At U.G. Level supervised 20 projects. At M.Tech. Level 22 thesis supervised.

Having 30 international (Journals and Conferences) and three national publications.

Held the Following Administrative Responsibilities

1. **Assistant Warden**
2. **Dy. Dean Academic**
3. **Warden**
4. **OiC Water Supply**
5. **OiC Civil Maintenance**
6. **Proctor**
7. **Head, Department of Mechanical Engineering**
8. **Training and Placement officer**

Presently Holding the following Administrative Posts.

1. **Head, Department of Mechanical and Production Engineering**
2. **DSW**
3. **Nodal Officer Institute Industry Interaction Cell**
4. **OiC Training and Placement**

K.K.S.Mer