

BRIEF PROFILE

Name : **NAVNEET ARORA**
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EDUCATIONAL QUALIFICATIONS

Examination/ Degree	Specialization	Year	Div.	% Marks	University/ Board/College	Scholarship/ Distinction
High School	-	1982	Ist	80.6	Haryana School Education Board	Merit, National Scholarship
Pre-University (Non-medical)	-	1983	Ist	81.0	Kurukshetra University, Kurukshetra	21st Position in University
B.Sc. Engg.	Mechanical	1988	Ist	72.7	R.E.C., Kurukshetra	Hons.
M.E. (Mech.)	Welding Engg.	1990	Ist	83.0	University of Roorkee, Roorkee	Hons. (Univ. Gold Medal)
Ph.D. (Mech.)	Industrial Engg.	1997	-	-	Kurukshetra University, Kurukshetra	-

TEACHING EXPERIENCE

1. Serving as Professor at Indian Institute of Technology, Roorkee, since 04.04.2014 till date.
2. Served as Associate Prof. at Indian Institute of Technology, Roorkee, since 29.11.2005 to 03.04.2014.
3. Served as Assistant Prof. at Indian Institute of Technology, Roorkee, since 19.6.1998 to 28.11.2005.
4. Served as Lecturer at Regional Engg. College, Kurukshetra from 26.8.1991 to 18.6.1998.
5. Served as Teaching Asstt. at Punjab Engg. College, Chandigarh from 20.2.1990 to 26.8.1991.

PRIZES /AWARDS

1. **Best Paper Presentation** award ACMME 2016, Kuala Lumpur, Malaysia.
2. Adjudged Institute Star Performer-2004, at IIT Roorkee.

3. **Best Application Paper Award** for Res. Work from an Int. Advisory Board, U.S.A., 1997.
4. Various Prizes for Cultural & Extra Circular Activities.
5. **University Gold Medal** from University of Roorkee, for standing First in M.E., 1990.
6. MHRD, Govt. of India GATE Scholarship awarded by I.I.T. Kanpur, in 1988.
7. National Merit Scholarship Awarded by MHRD, Govt. of India from 1982 to 1988.

MAJOR FIELDS OF INTEREST

1. Availability Analysis, Resource Allocation and Maintenance Planning
2. Fracture Assessment in Dissimilar Welds
3. Arc Welding Processes
4. LASER Welding/Cladding, Hard Surfacing

CONTRIBUTION IN R&D

1. Supervised Ph.D. Thesis – 04
2. Supervised Master Engineering Thesis – 70
3. Research Publications – 105
4. Sponsored Research Project – 02
5. Industrial Consultancy – 11

PROFESSIONAL MEMBERSHIP

1. Life member of Indian Society of Technical Education (LM-14502).
2. Life member of Indian Institute of Welding (M/R-7026-L).
3. Fellow Member of Institution of Engineers (India) (F-114606-4)

COURSES TAUGHT

At Post Graduate Level :

1. Design and Stress Analysis in Welded Structures
2. Safety Aspects of Welded Structures
3. Welding Procedure for Specific Applications
4. Material Science
5. Operations Research
6. Fundamentals of Arc Welding Processes
7. Non-conventional Welding Processes
8. Inspection and Quality Control of Weldments

At Graduate Level:

1. Theory of Production Processes – I and II
2. Tool Engineering
3. Manufacturing Techniques
4. Material Science