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Brief Profile:

Prof.(Dr.) Umesh C. Rathore is presently working as **Director-cum-Principal at Atal Bihari Vajpayee Government Institute of Engineering & Technology Pragatinagar, Shimla** since February, 2023. Before joining as Director-cum-Principal, he was working as Professor & Head (Electrical Engineering Department) at Govt. Hydro Engineering College Bandla, Bilaspur. He joined as a regular faculty in the Department of Technical Education, Govt. of Himachal Pradesh on 27th December, 1999.

Born in Chamba, Himachal Pradesh, Prof. (Dr.) Umesh C. Rathore completed his B.Tech. Degree in Electrical Engineering from REC (Now NIT) Hamirpur in 1994. Before joining the teaching profession, he has an industrial experience of about 5 years in leading MNC as an Electrical Engineer. During his tenure in industry, he handled installation, operation and maintenance of electrical and instrumentation system in the process industry. There he also had a working experience on PLC, SCADA and DCS based automation systems. After serving in MNC for five years, he joined Department of Technical Education, Govt. of Himachal Pradesh as regular faculty in 1999. He completed his Master of Engineering in Instrumentation & Control from Panjab University Chandigarh with Gold Medal. He is also a recipient of Dr. S.P. Luthra Gold Medal award conferred on him for his best performance in M.E. program of NITTTR Chandigarh. He completed his PhD degree in Electrical Engineering from SLIET University Longowal with specialization in Small Hydro Power Plant Control. He has also authored six books (**Industrial Instrumentation, basic Instrumentation System and PLC, PLC & Microcontrollers, Energy Management, A Text Book of Electrical workshop Practices**), and **Energy Science & Engineering** in the field of Electrical & Instrumentation Engineering. He has also published many research papers in reputed international journals and conferences. His areas of interest include Renewable Energy Conversion Systems, Power Electronics & Control of Drives, Industrial Instrumentation, Programmable Logic Controller, Energy Management and Hydro Power Plant Control. During his service in last many years in Govt. institutions, he has also handled many other administrative responsibilities assigned to him from time to time. He is also associated with many universities and HEIs for various academic, research and other administrative activities.