

Dr. Ajay K. S. Singholi

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Academic Background

- Obtained the degree of **Doctor of Philosophy (Ph.D.)** from Guru Gobind Singh Indraprastha University, Delhi in May, 2013.
- Obtained **Masters of Technology (M.Tech.)** Degree from the Dayalbagh (D.E.I.) University, Agra in Mechanical Engineering Systems in the year of 2002.
- Obtained **Bachelor of Engineering Degree (B.Sc. Engineering)** in Mechanical Engineering from the Dayalbagh (D.E.I.) University, Agra in the year of 2000.

Professional Background

December 2014 – Present date: Working as **HOD** an “**Associate Professor**” in the Mechanical & Automation Engineering department of G. B. Pant Govt. Engineering College, New Delhi with the following work responsibilities:

- Heading the **MAE Department** and deal with day to day administrative matters.
- Conducting theory and practical classes at UG (B.Tech. in Mechanical & Automation) level for the students of Mechanical and Automation Engineering Department.
- Teaching specialized courses such as “Advanced Methods of Manufacturing”, “Management of Manufacturing Systems” etc.
- Holding additional responsibility of “**Head, Training and Placement Department**”.

May 2014 – December 2014: Worked as an “**Associate Professor**” at Indira Gandhi Delhi Technical University for Women, Delhi with the following work responsibilities

- Conducting theory and practical classes at UG (B.Tech. in Mechanical & Automation) and PG (M.Tech. in Robotics & Automation) level for the students of Mechanical and Automation Engineering Department.
- Teaching core courses such as “Automated Manufacturing Systems (PG)”, “Flexible Manufacturing Systems (PG & UG)”, “Advanced Manufacturing (UG)” “Mechatronics Systems and Applications (PG)”, “Mechatronics (UG)” etc.
- Presently working as “**Training and Placement Officer**” at Indira Gandhi Delhi Technical University for Women, Delhi since 2005 and maintaining 100% placement record.
- Presently working as “**Program Coordinator**” of M.Tech. Program in Robotics & Automation.

November 2002 – May 2014: Worked as an “**Assistant Professor**” at Indira Gandhi Delhi Technical University for Women, Delhi with the following work responsibilities:

- Conducting theory and practical classes at UG (B.Tech. in Mechanical & Automation) and PG (M.Tech. in Robotics & Automation) level for the students of Mechanical and Automation Engineering Department.
- Worked as the “**Dept. Coordinator**” of Mechanical and Automation Engineering for more than three years.
- Active participation in curriculum revision of B.Tech. (Mechanical & Automation) and M.Tech. (Robotics & Automation) at Indira Gandhi Delhi Technical University for Women, Delhi and Guru Gobind Singh Indraprastha University, Delhi.

2001- 2002: Worked as a **Lecturer (on Contract)** at Dr. B.R. Ambedkar University, Agra with the following work responsibilities.

- Conducted theory and practical classes at UG level.
- Worked as the “Program Coordinator” for B.Tech. (Evening) program.

Workshops / Short Term Courses Attended (Last 4 Years)

1. Attended one week ISTE sponsored Short Term Training Program on “Recent Developments in Nano and Micro Manufacturing” organized by School of Engineering & Technology, Indira Gandhi National Open University, Delhi
2. Attended a Workshop on Multimedia Programming and Graphics Design organized by Indira Gandhi Institute of Technology, Delhi

Sponsored Research Projects Undertaken (Last 4 Years)

1. Design and Fabrication of Wired and Autonomous Robotic Vehicles for ROBOCON-2013. Sponsorship of Rs. 1 Lakh was received from Maruti Suzuki India Ltd.
2. Design and Fabrication of Super Mileage Vehicle for Shell Eco Marathon -2011. Sponsorship of Rs. 1 Lakh was received from Steel Authority of India Ltd.
3. Design and Fabrication of All Terrain Vehicle (ATV) for SAE-BAJA 2009. Sponsorship of Rs. 3 Lakh was received from Maruti Suzuki India Ltd.

Personal Data

1. Marital Status: Married
2. Place of Birth: City Agra, State U.P., India
3. Language(s): English and Hindi
4. Health: Excellent