

Curriculum Vitae

Ashwani

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CAREER OBJECTIVE

To work in an environment that is conducive to my growth and that provides me an opportunity to apply my engineering skills to real world problems thereby helping me to contribute the maximum towards the organization as well as individual development.

ACADEMIA

- **Ph.D, Computer Science & Engineering:** Gurukula Kangri (Deemed to be University) - (Pursuing)
- **M.Tech, Computer Engineering:** G.B.P.U.A.T, Pantnagar - 2015 (1st Division)
- **B.Tech, Computer Science:** Graphic Era University, Dehradun - 2012 (1st Division)

WORKING EXPERIENCE

1. **Assistant Professor**, Computer Science and Engineering Department
Gurukula Kangri Vishwavidhyalaya)
(January 2018 - Present)

2. **Assistant Professor**, Computer Science Department
Ramanand Institute of Pharmacy Management & Technology, Haridwar
(1 year, 2016-2017)

Subjects Taught: Operating System, Compiler Design, Computer Networks, FCP.

3. **Implementation Engineer**

Infinite Computer Solution (India) Limited

(July 2012 to July 2013) Client: **UPCL** (Uttarakhand Power Corporation Limited)

Project: Restructured Accelerated Power Development and Reforms Programme (R-APDRP Portal for UPCL)

Responsibilities:

- Handled Application GUI part of the given modules of the project.
- Worked as a Key person in implementation of SBM for end user.
- Responsible for Data verification and validation for project implementation.
- Provided End user training for all the modules.

PATENTS

Australian Innovation Patent Filed on 20-08-2021 for “**Smart Street Light Management System**”. **Application Number:** 2021106053 **Granted on:** 10 November 2021.

CONFERENCE PAPERS PRESENTED

- **August 11 - 13, 2025:** Presented a paper entitled "**A Machine Learning-Based Decision Support System for Smart Agriculture**" in the 3rd International Conference on Intelligent and Secure Engineering Solutions (CISES-2025), organized by G.L. Bajaj Institute of Technology and Management, Greater Noida.
 - **December 23 - 25, 2023:** Presented a paper entitled "**Holistic Crop Recommendation System: Integrating Soil Ecology**" at the International Conference on "Veda Vijnana & Sanskriti Mahakumbha" organized by Gurukula Kangri (DU), Haridwar.
 - **March 19, 2023:** Presented a paper entitled "**Recommendation System for Smart Farming using AI**" in the National Conference on "Science & Technology for All (NCSTA)" held at Gurukula Kangri (Deemed to be University), Haridwar.
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INVITED TALKS & GUEST LECTURES

- **October 27, 2023:** Delivered a talk on "**Use of Tech Savvy Amenities to Learn Language**" at an event organized by Gurukula Kangri (Deemed to be University), Haridwar.
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FACULTY DEVELOPMENT PROGRAMS & WORKSHOPS

- **September 15 - 19, 2025:** 5-day FDP on "**Artificial Intelligence and Machine Learning**" organized by Rajiv Gandhi University in association with Pantech e Learning.
- **August 11 - 18, 2025:** 6-day FDP on "**Deep Learning, Gen AI, and their applications in Agriculture**" organized by Tezpur University in association with Pantech e Learning.
- **July 7 - 11, 2025:** 5-day FDP on "**Generative AI with LLM**" organized by STEP-National Institute of Technology Karnataka in association with Pantech e Learning.
- **February 3 - 8, 2025:** AICTE (ATAL) Academy FDP on "**Exploring AI using IBM Watson and Google Colab**" at Gurukula Kangri Vishwavidyalaya Haridwar.
- **September 25 - 29, 2023:** One-week FDP on "**Cloud Application Development using Redhat Openshift**" organized by Gurukula Kangri, Haridwar in collaboration with IBM.
- **April 9 - 13, 2022:** Induction Programme organized by the Faculty of Education & Training.
- **July 12 - 16, 2021:** AICTE (ATAL) Academy Online Elementary FDP on "**Virtual and Augmented Reality for Robotics**" at Vimal Jyothi Engineering College.
- **May 17 - 21, 2021:** Participated in the "**Academic Leadership and Management**" program organized by FET, Gurukula Kangri Vishwavidyalaya.
- **May 26 - 30, 2021:** AICTE (ATAL) Academy Online Elementary FDP on "**Internet of Things & its Applications**" at Amity School of Engineering & Technology, Amity University, Gwalior.
- **February 2 - 6, 2021:** AICTE (ATAL) Academy Online FDP on "**Internet of Things (IoT)**" at the Department of Computer Science, Cochin University of Science and Technology.
- **February 2 - 8, 2021:** FDP on "**Advanced Excel with Data Visualization**" by E & ICT Academy, IIT Kanpur.
- **September 14 - 18, 2020:** AICTE (ATAL) Academy Online FDP on "**Leadership & Excellence**" organized by the Faculty of Engineering & Technology.

- One Week STC on “**Blockchain and Machine Learning**” organized by the Faculty of Engineering & Technology, Gurukula Kangri Vishwavidyalaya, Haridwar.
 - One week Online AICTE Recognized FDP on “**Linux Applications in Engineering**” Education organized by NITTTR, Chandigarh.
 - One Week International FDP on “**Innovative E-Teaching Practices in Management and Technology**” organized by Babu Banarasi Das National Institute of Technology and Management, Lucknow.
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Organizational & Co-curricular Roles

- Serving as the Programming Officer for Unit 5 of the National Service Scheme (NSS) since 2024.
 - **March 7 - 8, 2025:** Member of the Inauguration/Valedictory Committee in the International Conference on "**Automation for Sustainable Future**" held at the Faculty of Engineering & Technology, Gurukula Kangri, Haridwar.
 - **December 14 - 19, 2020:** Member of the Organizing Committee of the Online Student Induction Program organized by the Faculty of Engineering & Technology, Gurukula Kangri Vishwavidyalaya, Haridwar.
 - Served as a **Coordinator** for fresher and farewell parties.
 - Played an active role as a **Coordinator** in "jyanagni," the annual event of Gurukul Kangri.
 - Acted as the **Convener** for the "Chuna Committee" and "Jhanda Committee" on the occasion of **Shraddhanand Diwas** on December 23, 2024.
 - As a **Programme Officer** for the National Service Scheme (NSS), successfully organized and led numerous community service events.
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CERTIFICATIONS

- **Certified by Google:** Successfully completed the 6-week Coursera course on "**The Bits and Bytes of Computer Networking**".
 - Completed course on Coursera “**Use Mailchimp to Build an E-mail Marketing Campaign**”.
 - Completed course on Coursera “**Cybersecurity and the Internet of Things**”.
 - Completed course on Coursera “**Fundamentals of Network Communication**”.
 - Completed the course “**Computer Application software**” by MSPVS under Uttarakhand government.
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ACHIEVEMENTS & AWARDS

- **GATE 2012:** 82.67 PERCENTILE.
 - Participated in "**Interpret C programming skills 2009**" in college.
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PERSONAL DETAILS

- **Father's Name:** Mr. Anil Kumar
- **Mother's Name:** Mrs. Hema
- **Date of Birth:** 27-01-1991
- **Languages:** Hindi, English
- **Nationality:** Indian

Date: (Ashwani)
Place: Haridwar