

RESUME

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Objective

To work with a reputed organization committed to stray on leading edge of technology, seeking a challenging position where I can enhance my skills and reach at technical zenith of excellence and contribute to maximum in achieving long term goals of an organization.

Academic Credentials

DEGREE	DISCIPLINE	INSTITUTION	YEAR	Percentage
P.h.D.	Computer Science and Engineering	Manav Rachna International Institute Of Research and Studies	2023(completed)	11 credits obtained
M.Tech	Computer Science and Engineering	Banasthali Vidyapeeth	2006	72.6%
B.E.	Computer Science and Engineering	M.D.U. Rohtak	2002	70.04%
10+2	Science Subjects	C.B.S.E.	1997	70.4%
10 th	Science Subjects	C.B.S.E.	1995	82.6%

Work Experience

Name of Institute	Designation	Duration
Jamia Hamdard University, New Delhi	Assistant Professor(Contractual)	March 2024-Current
Greater Noida Institute of Technology	Assistant Professor	Sep 2021-Oct 2023

Manav Rachna international Institute of Research and Studies	Assistant Professor	Aug 2010-Aug 2019
Tata Consultancy Services	Software Engineer	Oct 2006-June 2009
Apex Institute of Engineering and Technology Jaipur	Lecturer	May 2006-Oct 2006
Adarash mahila Mahavidyalya Bhiwani	Lecturer	June 2002-June 2004

Subjects Taught

- ❖ Object Oriented Programming
- ❖ Data Structure and Algorithms
- ❖ Introduction to AI
- ❖ Elements of Computer Programming
- ❖ Data Warehouse and Data mining
- ❖ Database Management Systems
- ❖ Computer System Architecture
- ❖ Data Structures Lab
- ❖ Compiler Design Lab

Projects Undertaken

- ❖ **Design and Development Of Mail Sever in Sec Lan:** In this project E mail is primarily mechanism for official communication and it is only supplemented by other forms of official communications. In this a profile system is created where users can login and create a profile for themselves. In this modern era, electronic communication method is necessary and essential mechanism without which all the advancements are stopped.
- ❖ **Tax Mantra AMC Support to Jefferson County :** In this project tax calculations ,queries related to taxes are solved, Income tax returns filling are done .I have been a part of testing done in this project under Tata Consultancy Services. Designing is done using GUI.In this C,C++,JSP is used.

Workshops /FDPsAttended

- ❖ Participated as a reviewer/repeater in the “**5th International Conference on ICT for Digital, Smart and Sustainable Development (ICIDSSD’25)**” held from 22nd April to 23rd April 2025 organized by Department of Computer Science and Engineering, SEST, Jamia Hamdard, New Delhi.
- ❖ Participated as a reviewer/repeater in the “**4th International Conference on ICT for Digital, Smart and Sustainable Development (ICIDSSD’24)**” held from 23rd April to 24th April 2024 organized by Department of Computer Science and Engineering, SEST, Jamia Hamdard, New Delhi.
- ❖ Participated in a one week FDP programme on” **Empowering Educators: Advancements in Artificial Intelligence and Its Applications in Computer Science**” held from 10th Feb to 15th Feb 2025 organized by SRI MITTAPALLI COLLEGE OF ENGINEERING in Atal FDP Programme.
- ❖ Participated in three days face-to-face FDP on “**Inculcating Universal Human Values in Technical Education**” held from 27th May to 29th may 2024 organized by AICTE at Jamia Hamdard, New Delhi.
- ❖ FDP on Universal Human Values in Greater Noida Institute of Engineering and Technology for three days from 1st March to 3rd march 2023.
- ❖ FDP on business Strategy and Analytics in Manav Rachna International University for five days June 30,2017 to July 5,2017 .
- ❖ FDP on IT Application Security in Manav Rachna International University for five days June 24,2017-June 29,2017..
- ❖ FDP on how to handle stress among students in Manav Rachna International University July 07,2018.
- ❖ FDP on Putting Strengths towards work in Manav Rachna International University Aug 5 2017.
- ❖ FDP on IT Service Management in Manav Rachna International University Dec19,2016-Dec 23,2016.
- ❖ FDP on Library Orientation in Manav Rachna International University Dec 3,2016.
- ❖ FDP on Computer Science and Information Technology in Manav Rachna International University July 7,2016-July 21,2016.
- ❖ FDP on Information Security Fundamentals in Manav Rachna International University for 3 days May 25,2016-May 27,2016.
- ❖ FDP on Leadership in Manav Rachna International University Jan 8,2016.
- ❖ FDP on CyberSecurity in Manav Rachna International University May 2,2015.
- ❖ Workshop On Experiential and Outcome based Learning in Manav Rachna International University June 10,2016.
- ❖ Workshop on Geo Spatial Technologies and Applications in Manav Rachna International University May 30,2012-May 31,2012.
- ❖ Workshop On Geo Cloud Computing and Cryptology in Manav Rachna International

University Sept 21,2012-Sept 22,2012.

Research Publications

- Security Issues and Research of Vehicular Ad-Hoc Networks (VANET) in **International Journal Of Research In Computer Engineering And Electronics** in Oct 2012.
- A Comparative Analysis of Sentiment Analysis Of Big Data in **International Journal Of Computer Science and Information Security** in March 2019
- Prediction Of Elections by twitter in **International Journal Of Engineering and Advanced Technology** in Feb 2020.
- Detecting Twitter's Impact On COVID-19 Pandemic In India in **International Journal Of Innovative Technology and Exploring Engineering** in June 2020.
- Customer Reviews' Sentiment Analysis using Deep Learning in **International Journal Of Computer Applications** in November 2020.
- Sentiment Analysis using Glove and LSTM in **Indonesian Journal of Electrical Engineering and Computer Science** in April 2022.
- Sentiment Analysis on E-Commerce Apparels using Convolutional Neural Network in **International Journal of Computing** in June 2022.
- Detection Of Coronary Artery Diseases Using Various Machine Learning Techniques in **International Conference on Recent Trends in Intelligent Computing and Communication** accepted and presented.
- One patent on **Disabled persons Smart Wheeler System Design with IOT Based Eye Tracking and Gesture Control** in March 2023.

Personal Profile

Name :Dr. Kusum
Father's Name:Sh. B.K. Mehta
Date of Birth:17.05.1980
Marital Status :Married
Nationality :Indian
Languages known :Hindi,English
Hobbies :Playing Badminton.

Date:Jan 23,2025

Dr. Kusum