



## Faculty Details Proforma

Title	Dr.	First Name	<b>MAMTA</b>	Last Name	<b>KUMARI</b>	Photograph
Designation	<b>ASSISTANT PROFESSOR</b>					
Address	<b>H-101,SIGNATURE VIEW APARTMENT MUKHERJEE NAGAR DELHI-110009</b>					
Phone No	Office	<b>011-24109821</b>				
	Residence	<b>011-41634179</b>				
	Mobile	<b>9968281520</b>				
Email	<b>mamta.kumari@dcac.du.ac.in</b>					
Web-Page						
<b>Educational Qualifications</b>						
Degree	Institution				Year	
PhD	<b>APS University,REWA(M.P)</b>				<b>2018</b>	
M.Phil	<b>VB University</b>				<b>2009</b>	
<b>Career Profile</b>						
<ul style="list-style-type: none"><li>• Joined as Permanent Faculty in the Department of Computer Science, Delhi College of Arts and Commerce (University of Delhi) from 28 November, 2022</li><li>• Worked as Assistant Professor on Ad-hoc basis in the Dept. of Computer Science from 26 July 2018 to 10 June.2020 in JDM College , DU</li><li>• Worked as an Assistant Professor on Ad-hoc basis in the Dept. of Computer Science from 10 Dec.2008 to 31 Aug.2013 in SSN college , DU</li></ul>						
<b>Administrative Assignments</b>						
<b>TIC , DEPARTMENT OF COMPUTER SCIENCE</b>						
<b>Member of the following Committee:-</b>						
<ol style="list-style-type: none"><li>1. <b>Academic Execution Committee</b></li><li>2. <b>Central Admission Committee</b></li><li>3. <b>Girls Common Room Committee</b></li><li>4. <b>Library Committee</b></li><li>5. <b>Moderation Committee</b></li><li>6. <b>Workload Committee</b></li></ol>						
<b>Areas of Interest / Specialization</b>						
Complexity and Connectivity Analysis of Partitioning and Balancing Techniques and Various Structural Properties of Parallel and Distributed System. Analyzing Various Structural Properties by performing AND,OR and XOR operations on Connectivity Matrix of Interconnection Network.						

Subjects Taught				
C++,PYTHON,HTML,SQL DBMS,DATA STRUCTURE,DATA MINING,MACHINE LEARNING Artificial Intelligence, Computer Graphics				
Time table of the subjects taught during the current semester				
S.No.	Subject	Days	Time	Classroom
1	Introduction to programming using C++	5	11:45	Lab 1
2	Data Mining	5	10:30	Lab 1
3	Machine Learning	5	9:30	Lab 1
Research Guidance				
Publications Profile				
<ul style="list-style-type: none"> <li>• Study of Complexity of Structural Relation for Interconnection Network, International Journal of Computer Application (0975-8887) vol.180-No. 22 Feb 2018</li> <li>• A Comparative Study of Various Load Balancing Algorithm, International Journal Of Computer Applications (0975-8887), Volume 169 - No.10, July 2017</li> <li>• A Multilevel Graphical Approach to Task Partitioning in Parallel and Distributed System , INSPIRA - JCECS p- ISSN : 2397-7069 (IM : 2.0546) Volume 03 April-June 2017,pp 227-231</li> <li>• Study of Butterfly Patterns of Matrix in Interconnection Network ,International Journal of Scientific and Engineering Research, Volume 7, Issue 12, Dec 2016, ISSN : 2229-5518</li> <li>• Analysis of Weighted Graph Theoretic Approach to Task Partitioning and load balancing in a Multiprocessor System, INSPIRA - JCECS ISSN : 2395-7069 (IM-1.7122) Volume 02, Oct-Dec2016, pp.203-206</li> </ul>				
Publications in the Last one year				
Conference Organization/ Presentations (in the last three years)				
<ol style="list-style-type: none"> <li>1. Participated in National Seminar on Innovation in Higher Education Through Public Private Partnership (PPP) Model organized by Cluster Innovation Centre, University of Delhi</li> </ol>				

2. Participated in Knowledge Sharing Program on "Perspectives on Modern Teaching Techniques-Use of Case Studies & Experiential Methods" at JDMC
3. Participated in one day workshop on "R-Software" organised by JDMC
4. Participated in three days Summit on "Global Partnership on Artificial Intelligence at Bharat Mandapam, New Delhi

#### Research Projects (Major Grants/Research Collaboration)

#### Awards and Distinctions

#### Association With Professional Bodies

#### Other Activities

- Organized Expert talk on "Introduction to Artificial Intelligence" on 15 Oct. 2024
- Organized Seminar on "Cyber Crime" in Oct. 2023

Dr. Mamta Kumari  
Signature of Faculty Member