

## **Faculty Profile**

**Name:** Pooja Sharma

**Designation:** Assistant Professor

**Department:** Computer science and engineering

**Date of Birth** 04.07.1980

**Date of Joining** 18.07.2007

**Email ID:** pooja.sharma@smvdu.ac.in

**Contact Number and Extn.:** 9469099231

**Experience:** 14 years 4 months

### **Educational Qualifications**

1. Class 10 <sup>th</sup>	CBSE	1995	73.8%
2. Class 12 <sup>th</sup>	CBSE	1997	72.8%
3. B.E(Computer )	JU	2002	71%
4. MBA(IT)	SMU	2008	64%
5. PhD Submitted	SMVDU	Date of Submission	24.08.16

**Teaching Experience** 14 years

**Total Experience** 14 years

1. Assistant Professor in Shri Mata Vaishno Devi University from Jan 2007 till date
2. Lecturer in Rai University Delhi from Nov 2004- Jan 2007
3. Lecturer in ABES Engg College Ghaziabad U.P from Aug 2003 – Sept 2004
4. Industry experience WIPRO Aug2002 –Feb 2003

### **Areas of Interest / Specialization:**

1. Computer Networks , adhoc networks, MANETs, VANETs
2. Compilers, programming languages

### **Brief Bio-data:**

Did computer engineering from Govt. College of Engineering and technology Jammu. My areas of interest are computer networks, adhoc networks, MANETs, VANETs. Have taught Compilers, programming languages for more than 10 years.

## **Awards**

Best paper award at IEEE , ACM and internet society of Thailand sponsored World congress on engineering, science and Technology 31 Dec- 01 Jan '17.

## **Participation in Various conferences, workshops, short training courses**

1. Red Hat Linux 1 Week workshop Dec 2007
2. Wipro Mission 10 X workshop 1 Week Dec 2009
3. Introduction to MATLAB 1 Week 27-31 Dec 2010
4. Paper presentation at JK science congress conference Oct 2011
5. ISTE akash for education 2 days Nov 2012
6. Organizing member of two week workshop on research methodology June 2012
7. General orientation course UGC 4 weeks sponsored July 2012
8. Refresher course on IT 2/3 weeks Jan 2013
9. Two week ISTE workshop on DBMS May 2013
10. Two day ISTE research methodologies Feb 2013
11. IBM seed program 4 days workshop Aug 2013
12. Network security and firewalls 1 week workshop Nov 2013
13. International conference at Delhi AET in Dec 2013
14. ICT Workshop on optimization using MATLAB Oct 2016
15. ICT workshop on cloud computing Dec 2016
16. Paper presentation at WCEST Phuket, Thailand
17. Best paper award at International conference IEEE and ACM sponsored Dec 2016
18. Participated in conference NCITBA 17 as committee member

## **Various committee members**

1. Student Seminars regularly each academic year
2. Career counseling being placement committee member and I/C at deptt. Level for past 10 years
3. IQAC expert lecture on Computer based training for non-teaching employees of university Sept 2016
4. Member of co-curricular activities like Tithiksha, Resurgence,
5. Member of different committees of four convocation ceremonies
6. Warden Girls hostel two years Aug 2013- May 2015
7. Member of Board of studies for past 10 years
8. Member of short listing/ screening committee for various technical posts like STA, LA 2017
9. Member for Inspection committee of equipments from 2013-2015
10. Member of Project evaluation committee for B.Tech and M.Tech
11. Member of Placement brochure committee
12. Member of National conference NCITBA 2017
13. Session chair at NCITBA 2017

### **Professional Memberships**

1. Member, IEEE computer Society

### **MOOC Certification**

1. MOOC Certificate on Cybersecurity and Mobility in Apr 2017

## List of Publications

1. Pooja Sharma, M L Garg, Ajay Kaul “ A comprehensive study of requirements for network applications and routing protocols providing resources in Vehicular Adhoc Networks” Proc of Int. Conference on Advances in Computer Science AETACS pp 403-411©Elsevier Dec 2013
2. Pooja Sharma, Ajay Kaul and M. L Garg “Performance evaluation of CBR and VBR applications on different routing protocols in VANETs “Int. Journal of Recent Trends in Engineering & Technology Volume 11, 2014, pages 566-576. ISSN No 2158-5555
3. Pooja Sharma, Ajay kaul, M.L Garg “Performance analysis of video streaming applications over VANETs” Int. Journal of Computer Applications (0975-8887) Volume 112- No 14, Feb 2015 ,pages 13-18 ISSN No 0975-8887
4. Pooja Sharma, Ajay kaul, M.L Garg “Analyzing quality of service of video streaming applications over VANETs” pages 28-33 ISBN 978-93-5136-1221-8
5. Pooja Sharma, Ajay kaul, M.L Garg “Analyzing quality of service of video streaming applications over VANETs” IJETEST ISSN 2476-0862 Vol 1 30-35 (2017)
6. Pooja Sharma, Ajay Kaul, M L Garg, “Optimizing video streaming applications over vehicular adhoc networks” Int journal of Communication systems SCI Indexed (Communicated)
7. Pooja Sharma “Performance Evaluation of Quality of service of streaming applications over VANETs with different routing protocols” (Sole Author) Communicated in International journal of computer science (Scopus)
8. Pooja Sharma ” Resource provisioning for different network applications in adhoc networks” Communicated in International journal of information and communication technology (scopus)

**Research Profile**

**Research Projects Undertaken:**

S. No.	Role	Title	Funding Agency	Current Status (Closed/ Running)

**Research Publications:**

S. No.	Year	Publication

**Books Publications:**

S. No.	Year	Publication

**Conference Publications:**

S. No.	Year	Conference	Publication

**Research Supervised:**

S. No.	Year	Role	Research Topic	Status

**Patents:**

S. No.	Name	Status

**Award and Honours:**

S. No.	Title	Activity/Event	Given by	Year

**Professional Affiliation:**

<b>S. No.</b>	<b>Designation</b>	<b>Organization</b>