### ANNU SHARMA

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| Name |  | Ms. Annu Sharma |
| Father’s Name |  |  Sh. R.S.Sharma |
| Date of Birth |  | 07.04.1977 (April 04, 1977) |
| Present Designation and Positions |  ***Asst.Prof and Senior Research Scholar*** Department of Computer Science & Applications, Gurukul Kangri Vishwavidyalaya,Haridwar, Uttrakhand , India-124001. |
| Home Address & Address for CorrespondenceContact No. |  | Flat.No.-E-004, Renaissance Park-1.Milk Colony Subramanyanagar Malleshwaram WestNear Sandal Soap Metro Station, Banglore, Karnatka |
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|  |  | E-mail:**annumca01@gmail.com**, |
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| Professional Qualifications |  |  PhD ( Pursuing from GKV, Haridwar) MCA (Jammu University) |
| Teaching Experience |  | 17 years |
| Research Experience |  | 5 years |
| Research Interest |  | Image Processing, Pattern Recognition, Biometric Systems, Fingerprint Recognition, Spectral processing, Security of Biometric Systems. |
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|  Projects guided |  | More than 100 |

### Work Experience

* 1. Working as Research Scholar at Department of Computer Science & Applications, Gurukul Kangri Vishwavidyalaya Haridwar , since Sep, 2014.
	2. Worked as Assistant Prof. at Department of Computer Science & Applications, Central University of Jammu, J & K during 2012-2013.
	3. Worked as Assistant Prof. at Department of Computer Science & Applications, Institute of Management &Technology, Faridabad from Aug 2005- Aug2007.
	4. Worked as Head, Department of Computer Science & Applications, Institute of Management &Technology, Faridabad from Aug 2007- Aug2012.
	5. Worked as Senior Lecturer at Department of Computer Science Arya College Ludhiana from July 2002- April 2005
1. **Educational Qualifications**

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| **CLASS** | **UNIVERSITY/ BOARD** | **YEAR** | **Division & %age/ Subjects** |
| ***Ph. D.(Pursuing)******(Computer Sc.)*** | **Gurukul Kangri Vishwavidyalaya University, Haridwar (India)** | **Sep** **2014 to****Till date** | **Subject : *“Biometric System”*****Title of Thesis : *“ANALYSIS AND DESIGN OF BIOMETRIC SYSTEM BASED ON SPECTRAL PROCESSING”*** |
| ***Ph.D CourseWork.*** ***(Computer Sc.)*** |  **Gurukul Kangri University, Haridwar (India)** | **20013-14** | **FIRST, 73%****Computer Science subjects** |
| ***MCA*** | **University of Jammu,****J & K (India)** | **1998-2001** | **FIRST, 62 %** |
| ***Bachelor of Science (B.Sc.)*** | **University of Jammu****J & K (India)** | **1995-1998** | **FIRST, 73 %** |
| ***12th*** | **J&K State Board of School Education** | **1994-1995** | **FIRST, 63 %** |

### Administrative Experience

* 1. Head, Department of Computer Science & Applications at Institute of Management & Technology, Faridabad from 2007-2012.
	2. Team Supervisor and Trainer for CAT- Online Project for Prometric during 2010-2011.
	3. Project coordinator of Value Aided courses and Industrial interaction.
	4. Acted as College representative in the counseling for admissions for MCA and BCA Courses.
	5. Member of committees pertaining to initiatives/reforms in the Central University of Jammu and IMT, Faridabad.
	6. Worked as Institute nominee for Paper Setting and Evaluation .
	7. Acted as Subject Expert appointed by Institute on several Confidential Assignments.

### RESEARCH PAPERS PUBLISHED IN JOURNAL AND CONFERENCES

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| **S.no** | **Research Paper**  | **Presented and Published Conference/Journal** |
| 1. | **A novel image compression based method for multispectral fingerprint biometric system** | “A novel image compression based method for multispectral fingerprint biometric system” Published in Elsevier.<https://doi.org/10.1016/j.procs.2020.04.182><http://coconet-conference.org/2019/> |
| 2. | **Multispectral Image Fusion System Based on Wavelet Transformation for Secure Human Recognition** | **“Multispectral Image Fusion System Based on Wavelet Transformation for Secure Human Recognition”published in SCOUPUS INDEXED journal IJAST.**<http://sersc.org/journals/index.php/IJAST/article/view/2667> |
| 3. | **On Performance Analysis of Biometric Methods for Secure Human Recognition**  | “On Performance Analysis of Biometric Methods for Secure Human Recognition **“presented at** <http://www.icric-2018.com/> **and accepted for publication in LECTURE NOTES IN ELECTRICAL ENGINEERING (LNEE), SPRINGER.** |
| 4. | **Biometric Systems for Secure Human Recognition** | “Biometric Systems for Secure Human Recognition” presented and published in ICMTEA2018 3rd International Conference on Mathematical Techniques in Engineering Applications (ICMTEA2018) December 7-8, 2018 Graphic Era Deemed to be University | Graphic Era Hill University. Uttrakhand  |
| 5. | **A multispectral identification system for human recognition based on image fusion** | Presented paper “A Multispectral Identification System For Human Recognition Based On Image FUSION”  for 10th Uttarakhand State Science and Technology Congress 2015-16 at Uttarakhand State Council for Science and Technology, Vigyan Dham, Jhajra, Via Premnagar, Dehradun held on 10-12 February, 2016. |
| 6. | **Analysis of Existing Biometric Systems for Secure Human Recognition.** | Presented paper at National Conference on Recent Trends and Technologies in Data Science and Artificial Intelligence (NCTDA-2016) held on 26th -27th August 2016 at Department of Computer Science & IT, Bhaderwah Campus University of Jammu. |
| 7. | **Human Recognition Methods based on Biometric Technologies** | **Manuscript Title** : Human Recognition Methods based on Biometric Technologies published in UGC recognized IJCA journal.2015 Volume 120 - Number 17 .Year of Publication: 2015 **Digital Library URI** : <http://www.ijcaonline.org/archives/volume120/number17/21316-4312>**ISBN** : 973-93-80887-56-6 |
| 8. | **A Survey of Biometric Systems for Human Recognition** |  **Presented paper titles “A Survey of Biometric Systems for Human Recognition” at** icmc-2014 international conference on modeling and computing (icmc-2014) organized by Department of computer science July 10, 2014 at Babasaheb Bhimrao **Ambedkar University** (BBAU) Central **University** in **Lucknow**, Uttar Pradesh.[**https://mail.google.com/mail/u/0/#search/icmc+2014/FMfcgxckZCbWSgjGZCCcXJhbKtsMJplZ**](https://mail.google.com/mail/u/0/#search/icmc+2014/FMfcgxckZCbWSgjGZCCcXJhbKtsMJplZ) |
| 9. | **Role of secure Biometrics for Identification and verification** | Presented paper “**ROLE OF SECURE BIOMETRICS FOR IDENTIFICATION AND VERIFICATION** “  for 9th Uttarakhand State Science and Technology Congress 2014-15 at Uttarakhand State Council for Science and Technology, Vigyan Dham, Jhajra, Via Premnagar, Dehradun held on 26-28 February, 2015 |
| 10. | **Improving Energy-Management with Green Computing** | Presented paper “**IMPROVING ENERGY-MANAGEMENT WITH GREEN COMPUTING** “  at International Conference on ICIT 2013 held at  Asia Pacific Institute of Management, New Delhi, India on 21-22 February, 2013 |
| 11. | **Energy Efficient and Green Pervasive Computing**  | Presented paper “ **Energy-Efficient and Green Pervasive computing”** at International Conference on Innovative Development ICT 2013 held at  DAV College, Amritsar, Punjab, India on 02-03 March, 2013 |
| 12. | **Advanced Structural Design for a secure Mobile Payment System** | Presented paper **“ADVANCED STRUCTURAL DESIGN FOR A SECURE MOBILE PAYMENT SYSTEM “** National Conference on Emerging trends in mobile Technologies and Security ETMTS” held at MDU, Rohtak, Haryana, India  March 29,2011 |
| 13. | **Long Term Impact of Global Meltdown on IT Industry in India** | Presented paper **“IMPACT OF GLOBAL MELTDOWN ON IT INDUSTRY IN INDIA”** atInternational Conference on New Global Economic Order: Challenges and Opportunities” held at JK Business School, Gurgaon, Haryana, India during Aug 19-20, 2009. |
| 14. | **Security Issues in Electronic Payment System** | Presented paper **“**Security Issues in Electronic Payment System **“** atNational Conference on Issues & Challenges in Internet and Mobile Computing” held at IMR, Ghaziabad, Uttar Pradesh, India ,March-28,2008. |



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