


CENTRAL UNIVERSITY OF JAMMU

FACULTY PROFILE PERFORMA

First Name	Dr.Bhavna Arora		Photograph (attach below)
Title & Designation	Assistant Professor		
Address	Department of Computer Science &IT Central University of Jammu Distt.Samba J&K		
Phone Number	9419102373		
Office			
Residence			
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Email	bhavna.csit@cuammu.ac.in		
Web-Page			
Educational Qualifications:			
Degree	Institution	Year	
Ph.D	University of Jammu, Jammu	2011	
M.Tech	AAI,DU, Allahabad	2005	
MCA	Institute of Management Technology, Ghaziabad	1997	
B.Sc (Comp Sc)	Kurukshetra University	1994	
Career Profile:			
-One Year Industry Experience of Software Development -21.5 years of Teaching			
Administrative Assignments:			
ACADEMICS/MEMBER(Ex-Member) OF IMPORTANT COMMITTEES <ol style="list-style-type: none"> 1. Member Academic Council of Central University of Jammu 2. Member School Board-School of Basic & Applied Sciences 3. Member-Board of Studies -Department of Computer Science 4. Member - Board of Studies -Department of Mathematics 5. Member-Selection Committee –Technical Assistant, Lower Division Clerk, Medical Attendant 6. Member - Admission Committee 7. Member -Syllabi forming Committee 8. Member - Department Purchase Committee 9. Member- Technical Advisory Committee 10. Member-University Innovation Cell 11. Member-Examination Discipline Committee 12. Member-University Business Incubation Cell 13. Member -Sensitization Prevention & Redressal of Sexual Harassment (SPARSH) 14. Member -Anti Ragging Squad 15. Member- Swachcha Bharat Abhiyaan 16. Member- Editorial Team “Campus Update” 17. Member-Communication & Linkages Cell 18. Member-Rashtriya Avishkar Abhiyaan 19. Member-University Website design 20. Member-SWAYAM(Study webs of Active Learning for Young Aspiring Mind 21. Member-Campus Connect Programme 22. Member-Committee for starting-National E-library facility 22. Member-Invigilator for CUCET 2017,2019 23. Nominated by the University for R&D inputs at Department of Electronics &IT, Ministry of Communications & IT, Govt.of India 24. Member- Screening Committee-Technical Assistant(computer) 			

25. Coordinator-NAAC (Departmental)
26. Incharge of Department from Aug 2014-April 2015
27.Member-Department Research Committee
28. Guide/Mentoring-Ph.D Students /MTech and MCA students
Areas of Interest / Specialization:
-Information and Cyber Security, NLP, Data Mining
Subjects Taught:
-Network security, Advances in Operating Systems, Information Security, Cyber security, DBMS, Data Warehousing and Data Mining, e-commerce,Computer Networks, Fundamentals of Computers, Research Methodology, Computer Architecture, Object Oriented Programming, Advance Operating System, ERP, Client Server Architecture
Research Guidance:
<ul style="list-style-type: none"> - M.Tech students - Ph.D Scholars
Publications Profile:
Research Papers
<ol style="list-style-type: none"> 1. Sonam Gandotra, Bhavna Arora, "On Creation of Dogri Language Corpus", <i>Journal of Critical Reviews</i>, 7 (9), (2020), pp.2337-2343. doi:10.31838/jcr.07.09.380 (Scopus Indexed) 2. Sourav Thakial, Bhavna Arora, "Evaluation and Comparison of Job Prediction Model" <i>International Journal of Advanced Science and Technology</i>, Vol. 28, No. 19, (2019), pp. 859 – 871. 3. Neha Verma, Devanand, Bhavna Arora, "User-Item Recommendation System (UIRS) Using Collaborative Filtering", <i>International Journal of Advanced Science and Technology</i>, Vol. 28, No. 19, (2019), pp. 872 – 883. 4. Sourav Thakial, Bhavna Arora, "Neural Network based Prediction Model for Job Applicants", <i>Journal of Computational and Theoretical Nanoscience</i>, American Scientific Publisher, USA, Vol. 16, No. 9, September 2019, pp. 3867-3873, ISSN-1546-1955, EISSN-1546-1963. 5. Sonam Gandotra, Bhavna Arora, "Automated Stop-Word List Generation for Dogri Corpus", <i>International Journal of Advanced Science and Technology</i>, Vol. 28, No. 19, (2019), pp.884–889. 6. Shivangi Dutta, Bhavna Arora, "Pre-processing for Parts of Speech (POS)Tagging in Dogri Language", <i>International Journal of Innovative Technology and Exploring Engineering</i>, Volume 8, Issue 8S3, June 2019, ISSN 2278-3075. 7. Neha Verma, Devanand, Bhavna Arora, "Experimental Analysis of Recommendation System in e-Commerce", <i>International Journal of Innovative Technology and Exploring Engineering</i>, Volume 8, Issue 8S3, June 2019, ISSN 2278-3075. 8. Sonam Gandotra, Bhavna Arora, "Extractive approaches for Automatic Text Summarization", <i>International Journal of Computer Sciences and Engineering (IJCSE)</i>, Vol. 06, Issue 3, Apr-2018, pp.74-80, ISSN: 2347-2693 (E). 9. Akankasha, Bhavna Arora, "Sentiment Analysis on Twitter Data Using Classification Approach", <i>International Journal of Research in Electronics and Computer Engineering (IJRECE)</i>, Vol. 6, Issue 3, July-Sept, 2018, pp. 1144-1148, ISSN(Online): 2348-2281, ISSN(Print):2393-9028. 10. Adeep Malmotra, Bhavna Arora, "Prediction Analysis Techniques of Data Mining: A Review", <i>Research Cell: An International Journal of Engineering Science</i>, Vol. 27, Special Issue March 2018, ISSN: 2229-6913(Print), ISSN: 2320-0332(Online). 11. Karam Singh, Bhavna Arora, "A Web Based Farmer Query System for the State of Jammu and Kashmir", <i>Research Cell: An International Journal of Engineering Science</i>, Vol. 27, Special Issue March 2018, ISSN: 2229-6913(Print), ISSN: 2320-0332(Online). 12. Neeraj Bhagat, Bhavna Arora, "Malware analysis on networks using Honeypots: A Review", <i>International Journal of Latest Trends in Engineering and Technology</i>, Vol. 10, Issue 1, 2018, pp.366-370, e-ISSN:2278-621X. 13. Akankasha, Bhavna Arora, "Sentimental Analysis on Twitter: Approaches and Techniques", <i>Research Cell: An International Journal of Engineering Science</i>, Vol. 27, Special Issue March 2018, ISSN: 2229-6913(Print), ISSN: 2320-0332(Online). 14. Sonam Gandotra, Bhavna Arora, "Neural Network Techniques for NLP tasks", <i>International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)</i>, Vol. 4, Issue 10, October 2017, ISSN (Online) 2394-2320. 15. Bhavna Arora, "Exploring and analyzing Internet crimes and their behaviours", <i>Perspectives in Science (PISC)</i>, Elsevier Publication, Volume 8, September 2016, pp. 540-542. 16. Bhavna Arora, "The Cyber Warfare and Cyber Security Dynamics", <i>International Journal of Scientific and Technical Advancements</i>, September 2015, pp-249-251, ISSN-2454-152. 17. Bhavna Arora, "A Threat Model Approach for Classification of Network Layer Attacks in WSN", <i>International Journal</i>

of *Computer Applications*, Vol. 63, No.9, February 2013, pp. 5-10. ISSN-0975-8887.

18. Bhavna Arora, "Role of Key Management for Detection of Malicious Nodes in Wireless Sensor Networks" *International Journal of Computing Science and Communication Technologies-TECHNIA*, Vol. 5, Issue No.2, January 2013, pp. 842-846. ISSN-0974-3375.
19. Bhavna Arora, "Security Schemes for Data Aggregation in Wireless Sensor Networks", *PCTE Journal of Computer Sciences*, Vol 8, Issue No. 2, July-Dec 2012, pp. 48-52. ISSN-0973 – 4058.
20. Bhavna Arora, "An Approach for Residual Energy Based Aggregator Selection for Data Aggregation in Wireless Sensor Networks", *International Proceedings of Computer Science & Information Technology Journal*, Vol 40, May 2012, pp. 127-131. ISBN-978-981-07-2152, ISSN-2010-460X.
21. Bhavna Arora, Devanand, "An Intra-Cluster Trust-Based Secure Data Aggregation Framework for Wireless Sensor Networks", *International Journal of Next Generation Computing*, Vol. 2, No.1, March 2011, pp. 75-88. ISSN-2229-4678.
22. Bhavna Arora, Devanand, "Trust Based Secure Data Aggregation Protocol in Wireless Sensor Networks", *The ICFAI University Press (IUP) Journal of Information Technology*, Vol. VI, No. 3, September 2010, pp. 7-22. ISSN-0973-2896.
23. Bhavna Arora, Devanand, "Secure Data Aggregation Using Mobile Agents in Wireless Sensor Networks", *Oriental Journal of Computer Science and Technology*, Vol. 3, No. 1, June 2010, pp. 149-153. ISSN-0974-6471.

Chapter in books

1. Sonam Gandotra and Bhavna Arora, "Pre-processing of Dogri Text Corpus", in: Mishra, D., Dey, N., Deora, B., Joshi, A. (eds.). *ICT for Competitive Strategies*. Boca Raton: CRC Press (2020). <https://doi.org/10.1201/9781003052098>. (Scopus Indexed/Taylor & Francis)
2. Niharika Sharma and Bhavna Arora, "Data Mining and Machine Learning Techniques for Malware Detection", *Advances in Intelligent Systems and Computing*, Springer, Singapore, 2020. (Communicated and Accepted)
3. Sonam Gandotra and Bhavna Arora, "Feature Selection and Extraction for Dogri Text Summarization", *Advances in Intelligent Systems and Computing*, Springer, Singapore, 2020. (Communicated and Accepted)
4. Neeraj Bhagat, Bhavna Arora, "Honeypots and Its Deployment: A Review ", in: Rathore V., Worring M., Mishra D., Joshi A., Maheshwari S. (eds). *Emerging Trends in Expert Applications and Security*. *Advances in Intelligent Systems and Computing*, Springer, Singapore, vol. 841, 2019, Print ISBN978-981-13-2284-6 Online ISBN978-981-13-2285-3. DOI: https://doi.org/10.1007/978-981-13-2285-3_59.
5. Bhavna Arora, "Big Data Analytics: The Underlying Technologies Used by Organizations for Value Generation", in: Chahal H., Jyoti J., Wirtz J. (eds). *Understanding the Role of Business Analytics*. Springer, Singapore, 2019, Online ISBN: 978-981-13-1334-9, Print ISBN: 978-981-13-1333-2, pp-9-30. DOI: <https://doi.org/10.1007/978-981-13-1334-9>.
6. Akankasha, Bhavna Arora, "A Review of Sentimental Analysis on Social Media Application", in: Rathore V., Worring M., Mishra D., Joshi A., Maheshwari S. (eds). *Emerging Trends in Expert Applications and Security*. *Advances in Intelligent Systems and Computing*, Springer, Singapore, vol. 841, 2019, Online ISBN: 978-981-13-2285-3, Print ISBN: 978-981-13-2284-6, pp 477-484. DOI: https://doi.org/10.1007/978-981-13-2285-3_56.

Conference Proceedings & Conferences Attended

1. Neeraj Bhagat, Bhavna Arora, "Intrusion Detection using Honeypots", in *Proc. of 2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC)*, Solan, Himachal Pradesh, India, 2018, ISBN: 978-1-7281-0646-5, pp.412-417. doi:10.1109/PDGC.2018.8745761.
2. Sonam Gandotra, Bhavna Arora, "Functional words removal techniques: A Review", in *Proc. of 2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC)*, Solan, Himachal Pradesh, India, 2018, ISBN: 978-1-7281-0646-5, pp. 546-550. doi: 10.1109/PDGC.2018.8745904.
3. Akankasha and Bhavna Arora, "A Review of Sentimental Analysis on Social Media Application", in *Proc. International conference on Emerging Trends in Expert Application & Security (ICETEAS-2018)*, Jaipur, Feb.17-18, 2018.
4. Neeraj Bhagat and Bhavna Arora, "Honeypots and its Deployment: A Review", in *Proc. International conference on Emerging Trends in Expert Application & Security (ICETEAS-2018)*, Jaipur, Feb.17-18, 2018.
5. Sonam Gandotra, Bhavna Arora, "Application of Deep Learning Techniques to Natural Language Processing", in *Proc. International Conference on Computer Science and Information Technology (ICCSIT-17)*, Delhi, Oct. 15, 2017, ISBN: 9788192958093
6. Bhavna Arora, "Cyber-crime schemes and behaviors", in *Proc. International Conference on Recent Trends in Engineering and Material Sciences (ICEMS-2016)*, School of Engineering and Technology and School of Life & Basic Sciences, Jaipur National University, Rajasthan, Computer Society of India, The Institution of Engineers, DST Rajasthan, Elsevier, March 17-18, 2016, ISBN: 978935254230.
7. Bhavna Arora, "Cyber Crime Threats and Impacts", in *Proc. National Conference on Recent Trends and Technologies in Data Science & Artificial Intelligence*, Department of Computer Science & IT, Bhaderwah Campus, University of Jammu, IETE, CSI, Aug. 26-27, 2016.

8. Bhavna Arora, "Cyber Crime and Women", 4th J&K Women Science Congress, Govt. for Women Gandhi Nagar, Jammu, Sept. 1-3, 2016.
9. Bhavna Arora, "The Cyber Warfare and Cyber Security Dynamics", 3rd National Conference & Exhibition on Emerging & Innovative Trends in Engineering Technology (NCEETET-15), Government College of Engineering and Technology, Jammu, Sept. 15-16, 2015.
10. Bhavna Arora, "Integration of ICT in education", presented at the National Seminar, Central University of Jammu, Feb. 10, 2014.
11. Bhavna Arora, "Opportunities & Challenges of ICT", presented at the 101 Indian Science Congress, University of Jammu, Jammu, Feb. 3- 7, 2014.
12. Bhavna Arora, "Wireless Sensor Security: Issues & Challenges", presented at the 101 Indian Science Congress, University of Jammu, Jammu, Feb. 3-7, 2014.
13. Bhavna Arora, "Information Warfare: the Emerging Threat to Digital Economy", in Proc. 8th International Conference on Advanced Computing & Communication Technologies (ICACCT-2014), Panipat (Haryana), India, Nov. 2014, ISBN: 978-93-4935-00-9.
14. Bhavna Arora, "Threat Model and Attacks in Wireless Sensor Networks", in Proc. 7th International Conference on Advanced Computing and Communication Technologies (ICACCT™-2013), Panipat (Haryana), 16th Nov. 2013, vol. 1, pp. 312-316. ISBN:978-93-83083-38-1.
15. Bhavna Arora, "Key Management in Malicious Node Detection in Wireless Sensor Networks (WSN)", in Proc. 6th International Conference on Advanced Computing and Communication Technologies (ICACCT-2012), Panipat (Haryana), 3rd Nov. 2012, vol. 3, pp. 14-18. ISBN-978-93-8206-29-1.
16. Bhavna Arora, "Network security issues: approaches and algorithms.", in Proc. of 8th "International Conference on Upcoming Trends in IT", ICUTIT-2012, PCTE (Punjab College of Technical Education), Ludhiana, 24th March 2012, pp-137-140.
17. Bhavna Arora, "Analyzing throughput in WSN", presented in 7th J&K State Science Congress, University of Jammu, Jammu, Oct. 13-15, 2011.
18. Bhavna Arora, "Security threats, attacks and counter measures in Wireless Sensor Network", in Proc. of International Conference-Advanced Computing and Communication Technologies (ICACCT)-Technically sponsored by IEEE, Asia Pacific Institute of Information Technology, 30th October 2010, pp-146-150. ISBN-93-80697-28-7
19. Bhavna Arora, "Analysis of various schemes used for secure data aggregation", in Proc. of 6th International conference on Upcoming Trends in IT, PCTE (Punjab College of Technical Education), Ludhiana, 21st May 2010, pp. 150.
20. Bhavna Arora, "A Comparative Evaluation of Various Schemes Used for Data Aggregation in Wireless Sensors Networks", in Proc. NGCIS, MIET, Dec 2010, pp-59-63.
21. Bhavna Arora, "A Comparative Analysis of Security Vulnerabilities of Virtual Private Networks and Peer to Peer Networks", in 5th J&K State Science Congress, University of Jammu, Feb 2010. pp. 281.
22. Bhavna Arora, "Security vulnerabilities of mobile agents in distributed system environment", in 3rd J & K State Science Congress, University of Jammu in collaboration with J&K State Council for Science and Technology & DST, Govt of India, 26-28th Feb 2008. pp. 345.
23. Bhavna Arora, "Mobile Agents: the good, the bad and the ugly", in National Conference on Next Generation Computing and Information Systems, NGCIS '07, Model Institute of Engineering and Technology, Jammu, May 12-13, 2007.

Conference / Workshops/Training Organized:

- Member of Organizing Committee of Third International Conference on Recent Innovations in Computing (ICRIC-2019) held online on 12th June, 2020
- Member of Organizing Committee of Second International Conference on Recent Innovations in Computing (ICRIC-2019) held from 8th to 9th March, 2019.
- Co-Ordinator -Quiz Competition "Legal Rights of Women" (Organized under GSCASH) held on 31st October 2018
- Member of Organizing Committee of International Conference on Recent Innovations in Computing (ICRIC-2018) held from 5th to 6th March, 2018
- Conducted various IT awareness programmes for children of different schools of Samba District. The students studying in classes 9-10 visit the University for basic IT awareness programmes.
- Member Organizing Committee of two days' workshop on "Tools that Assist Software Development through Continuous Integration Practice" held on 22-23 Apr 2017.
- Member Organizing Committee of one-week workshop on "Recent Trends in Computer Technology" from 21 -28 October, 2016
- Member Organizing Committee of two days' Workshop on "Android Programming" held on 13th -14th April, 2016.
- Member Organizing Committee of three days workshops for students on "Basic Computer Skills" held from 19-21st Oct 2015
- Member Organizing Committee of three days Workshop on "Hardware and Networking" held from 8th -10th April, 2015.

- Member Organizing Committee of workshop on “Essential Computing Techniques” from 8th-10th Oct 2014 for students, scholars and faculty of Central University of Jammu
- Member Organizing Committee of seven days’ workshop on “Working with Computers” form 12-18 December 2013 for senior citizens and underprivileged students of Savera School, Channi Himmat, Jammu
- Member Organizing Committee of State Level Seminar on “Networking Essentials” in Dec. 2012

Creation of ICT Mediated Teaching Learning Pedagogy and Content:

- Creation of e-content in form of slides, pdfs, handouts, teaching plans etc.

Conference/Workshops/Training attended as Faculty Member:

Conferences attended:

- Third International Conference on Recent Innovations in Computing (ICRIC-2019) held online on 12th June, 2020
- FICR International Conference of Rising Threats in Expert Applications & Solutions 2020) on 17-19 Jan, 2020 at IIS (deemed to be University), Jaipur (INDIA)
- Two Days’ National Seminar on Assessment and Evaluation: Recent Trends and Challenges February 5-6, 2020 at Central University of Jammu
- International conference on Emerging Trends in Expert Application & Security (ICETEAS-2018) held at held at Jaipur Engineering College and Research Centre, Jaipur, India, on February 17–18, 2018
- National Conference in Data Science held at University of Jammu, Bhaderwah campus in Aug 2016
- International Conference on Recent Trends in Engineering and Material Sciences (ICEMS-2016), School of Engineering and Technology and School of Life & Basic Sciences, Jaipur National University, Rajasthan, Computer Society of India, The Institution of Engineers, DST Rajasthan, Elsevier, March 17-18, 2016
- National Seminar on “On education and Youth: Challenges and Prospects” at Central University of Jammu 2nd Nov 2015
- 4th J&K Women Science Congress, Govt. for Women Gandhi Nagar, Jammu, Sept. 1-3, 2016
- 3rd National Conference & Exhibition on Emerging & Innovative Trends in Engineering Technology (NCEEITET-15), Government College of Engineering and Technology, Jammu, Sept. 15-16, 2015.
- Three day NASSCOM – DSCI Annual Information Security summit from 9th Dec. 2014 to 11th Dec. 2014 held at Mumbai, Maharashtra.
- 4th International Conference on Computer Engineering and Technology (ICCET 2012), held at Phuket, Thailand on May 27-28th 2012. Vol 40, pp-127-131.
- The travel grant to attend the conference was sanctioned by Department of Science & Technology, GOI New Delhi.

Workshops & Trainings

- AICTE (ATAL) 5-Days Faculty Development Programme on “Artificial Intelligence”, conducted by Department of Computer Science & IT, Central University of Jammu, Nov 18-22, 2019
- AICTE (ATAL) 5-Days Faculty Development Programme on “Internet of Things”, conducted by Department of Computer Science & IT, Central University of Jammu, Oct 14-18, 2019
- Three weeks FDP on “Entrepreneurship Development”, conducted by UBIC & FIDC, Central University of Jammu (In collaboration with Entrepreneurship Development Institute of India), May 20th -June 10, 2019
- One week FDP on “Data Analytics with Python” conducted at University of Jammu, Bhaderwah Campus, University of Jammu-In Collaboration with Electronics & ICT Academy, IIT Roorkee, May 7- 12, 2019
- One week FDP on “eSuraksha” A practical Approach on Network & Web Application Security conducted by Department of Computer Science & IT (In Collaboration with C-DAC , Mohali), Central University of Jammu, Dec 10-14, 2018
- One-week workshop on “Recent Trends in Computer Technology” conducted by Department of Computer Science & IT, Central University of Jammu, Oct 21 -28, 2016
- Two days DIETY, Govt. Of India, sponsored National Workshop on “Intellectual Property Rights: Implementation and Enforcement” Under IPR Awareness Programme organized by UBIC, Central University of Jammu, J&K, Jan 14th -15th
- Three weeks Refresher Course in Mathematical Science organized by Academic Staff College, University of Jammu, Jammu, Dec 8th-29th 2015
- Two days NAAC Bangalore sponsored workshop on “Accreditation Awareness & Institutional Ranking” under NQRI of NAAC at Central University of Jammu, Jan 5th -6th 2015
- Three days NASSCOM-DSCI Annual Information security summit 2014, Dec 9th-11th 2014 at Mumbai
- Three weeks General Orientation Course organized by Academic Staff College of University Jammu June 17th-14th July
- One day workshop on “Cloud Computing and Big data Forum” at MIET, J ammu, Sept 12, 2013
- One day National Seminar “In-gender: Texts and contexts” organized by SPARSH Deptt of English , Central University of

Jammu, Apr 21 st 2015
Invited Lectures/Resource Persons:
<ul style="list-style-type: none"> Delivered 02 lectures on "Cyber Crimes" , "History & Evolution of Cyber Crimes" at Sher-I -Kashmir Police Academy, Udhampur during workshop on "Cyber Crimes" for J&K Police Officers on 11th Mar 2020 Delivered 02 lectures on "Cyber Crimes" , "History & Evolution of Cyber Crimes" at Sher-I -Kashmir Police Academy Academy, Udhampur during workshop on "Cyber Crimes" for J&K Police Officers on 02 Dec 2019 Delivered lecture on "INFORMATION SECURITY" at Govt. College of Engineering & Technology,Chak Bhalwal Jammu on 27th of November, 2019 Delivered 02 lectures on "Cyber Crimes" , "History & Evolution of Cyber Crimes" at Sher-I -Kashmir Police Academy Academy, Udhampur during workshop on "Cyber Crimes" for J&K Police Officers on 24 Jun 2019 Delivered 02 lectures on "Cyber Crimes" , "History & Evolution of Cyber Crimes" at Sher-I -Kashmir Police Academy Academy, Udhampur during workshop on "Cyber Crimes" for J&K Police Officers on 18th Mar 2019 Delivered 02 lectures on "Cyber Crimes" , "History & Evolution of Cyber Crimes" at Sher-I -Kashmir Police Academy Academy, Udhampur during workshop on "Cyber Crimes" for J&K Police Officers on 26th Nov 2018 Delivered 06 hrs extension lecture on "Basics of C Language" at Yogananda College of Engineering & Technology,Jammu on 11 May 2018 Delivered 02 lectures on "Introduction to IT" , "Cyber Crimes" at Sher-I -Kashmir Academy, Police Academy Udhampur during workshop on "Disk Forensics" for J&K Police Officers on 27th Nov 2017 Delivered 02 keynote address on "Applications of IT " & "Cyber crime & challenges" at Sher-I -Kashmir Police Academy, Udhampur during workshop on "Disk Forensics" for J&K Police Officers on 11 Sept 2017 Delivered keynote address on "Computer forensics acquisition lab hardware and software requirements" at Sher-I -Kashmir Police Academy, Udhampur during workshop on "Disk Forensics" for J&K Police Officers on 23 May 2017 Delivered invited talk on "File Systems ,limitations and operating systems" at Sher-I -Kashmir Police Academy, Udhampur during workshop on "Disk Forensics" for J&K Police Officers on 23 May 2017 Delivered lectures under "IPR Awareness Programme" under UBIC and Innovation cell initiative to the students of various departments of CU on Fridays in session Jan-May 2017 Delivered keynote address on "Challenges in cyber crime" at Sher-I -Kashmir Police Academy Udhampur during workshop on "Cyber Crimes" for J&K Police Officers on 26th Nov 2016 Delivered invited talk on "Identity Theft" at Sher-I -Kashmir Police Academy Udhampur during workshop on "Cyber Crimes" for J&K Police Officers on 26th Nov 2016. Delivered talk to faculty and research scholars on "Cyber Crime" during faculty interaction lecture series at Central University of Jammu on 16 April 2014 Delivered talk on "Cyber Security" during Workshop on Digital India held on 5th March 2016 Delivered Keynote lecture at IM Public Administration , Jammu for JKAS probationers on "Information Technology" on 25.10.13
Research Projects (Major Grants/Research Collaboration):
<ul style="list-style-type: none"> -Grant of 80.16 lacs (In process) under DRDO Project - Worked on UGC-BSR Startup Grant for amount of 6 lacs for project titled "Study of cybercrimes in the Universities of Jammu & Kashmir State using data mining techniques" from 2015-2017 - DST Travel Grant for attending conference in Phuket in May 2012
Association with Professional Bodies:
Member IEEE No:- 92601864, Member ACM No:- 7702620, Member ISTE, Member of IETE (The Institution of Electronics and Telecommunication Engineers) No:- M181387, CSI (Computer Society of India) No:- 01090179,Member of SIE (Singapore Institute of Electronics)- No:- 60080030,Senior Member (International Association of Computer Science and Information Technology) No:- 80345441, Board of Reviewers (InSite International Conferences),TALLIP Journal, Journal of Information Technology Education: Research
Other Activities: