

Resume

<i>Name</i>	:	Dr. Bhawna Sharma
<i>Designation & Official Address</i>	:	Associate Professor , Department of Computer Engineering Government College of Engineering & Technology, Jammu (J&K) -180016
<i>Residential Address</i>	:	House No. 6, Sector-4, Trikuta Nagar, Jammu 180012, J&K Ph: (R) +91-191-2472681, (M) +91- 9419238868
<i>Email address</i>	:	bhawnash@gmail.com
<i>Qualifications</i>	:	Ph.D. Computer Science & Information Technology , 2015 University of Jammu M.S. Software Systems , 2003 Birla Institute of Technology & Science, Pilani (Rajasthan) B.Tech. Computer Science & Engg. , 1996 Pondicherry Engg. College, Pondicherry
<i>Memberships of Professional Institutions</i>	-	Member, Computer Society of India, Mumbai Member, The Institution of Engineers (India), Kolkatta <ul style="list-style-type: none"> • Member of the Executive Committee of IEI Jammu Local Centre • Member of the Editorial Board of the IEI Jammu News, a quarterly Newsletter of IEI, Jammu Local Centre Member, Indian Science Congress, Kolkatta
<i>Teaching & Research Experience</i>		<ul style="list-style-type: none"> • 20 years of work experience in Academia & Industry out of which 17^{1/2} years as Assistant Professor in the Department of Computer Engineering, Government College of Engineering & Technology, Jammu • Member of Board of Studies of Computer Engineering Department, Faculty of Engineering, University of Jammu. • Examiner for Paper Setting & Evaluation of various Institutions: <ul style="list-style-type: none"> ▪ Faculty of Engineering, University of Jammu for various subjects of B.E. Computer Engineering. ▪ Department of Computer Science & IT, Central University of Jammu. ▪ Department of Computer Science & Information Technology, University of Jammu for MCA Courses. ▪ Faculty of Engineering, Baba Ghulam Shah Badshah University, Rajouri (J&K) • Supervised Projects of B.E. students at Govt. College of Engineering & Technology, Jammu (J&K)
<i>Reviewer/ Board Member of Journals</i>		<ul style="list-style-type: none"> • Reviewer Board Member-IJRCS: International Journal of Research in Computer Science, ISSN Print: 2349-381X, ISSN Online: 2349-3828
<i>Research Interest</i>		<ul style="list-style-type: none"> • Software Systems • Formal Computational Theory • Database Management • Hybrid Systems • Computer Networks

2013

1. Bhawna Sharma, Devanand and Pushkin Kachroo, "*Robust Feedback Control Design for Ramp Metering using Sliding Mode Control*," International Journal of Advanced Research in Computer Science, vol. 4, no.9, pp. 153-159, July-August 2013, ISSN: 0976-5697.
2. Bhawna Sharma, Devanand and Pushkin Kachroo, "*Robust Ramp Metering Design using Sliding Mode Control of a Hybrid Dynamical Model with Functional Uncertainties*", International Journal of Advanced Research in Computer and Communication Engineering, vol. 2, issue 8, pp. 3001-3008, August 2013, ISSN: 2278-1021

2015

3. Pawandeep Singh, Ayushi, Neha Dogra, Bhawna Sharma, Sheetal Gandotra, "*Web Analytics: Taking Thoughtful Decisions Based On User Information and Behaviour*," International Journal of Innovative Research in Science, Engineering and Technology, Vol. 4, Issue 7, pp. 6476-6479, July 2015, ISSN(Online) : 2319-8753.
4. Niharika Sharma, Arvinder Kaur, Sheetal Gandotra, Bhawna Sharma, "*Evaluation and Comparison of Data Mining Techniques Over Bank Direct Marketing*," International Journal of Innovative Research in Science, Engineering and Technology, Vol. 4, Issue 8, pp. 7141-7147, August 2015, ISSN(Online): 2319-8753.
5. Saurabh Kohli, Pardeep Singh, Bhawna Sharma and Sheetal Gandotra, "*Controlling your PC remotely using Android Device*", Journal of Scientific and Technical Advancements, Volume 1, Issue 3, pp. 217-218, 2015, ISSN: 2454-1532.

2016

6. Rajat Sharma, Bhawna Sharma, Sheetal Gandotra, "*Finding Nearby Places(Using Google Places API and Maps API in Android)*", International Journal for Scientific Research & Development, Vol. 4, Issue 05, pp 652-654, 2016, ISSN (online): 2321-0613.
7. Sheetal Gandotra, Bhawna Sharma, Shreeya Mahajan, Tsering Motup, Tahira Choudhary, Paras Thakur, "*Bluetooth Controlled RC Car using Arduino*", Imperial Journal of Interdisciplinary Research (IJIR) Vol-2, Issue-9, pp. 144-147, 2016 ISSN: 2454-1362, <http://www.onlinejournal.in>
8. Arun Kumar, Vishal Chowdhary, Bhawna Sharma, Sheetal Gandotra, "*Android as a CCTV Camera Project*", International Research Journal of Engineering & Technology (IRJET), Vol 3, Issue 8, pp 1087-1091, Aug 2016, e-ISSN:2395-0056, p-ISSN:2395-0072.

	<p>2017</p> <p>9. Raksham Mengi, Shubam Gupta, Bhawna Sharma, Sheetal Gandotra, <i>“Game Interaction Using Gesture Recognition”</i>, IJRCS-International Journal of Research in Computer Science, Vol 04, Issue 02, pp 46-49, 2017 ISSN:2349-3828.</p> <p>10. Aruj Kapoor, Avantika Gupta, Pariksha Arora, Bhawna Sharma, Sheetal Gandotra, <i>“Polling System Using Android Platform”</i>, International Journal of Science Technology & Engineering, Vol 3, Issue 12, pp.72-76, June 2017 ISSN(Online 2349-784X).</p> <p>2018</p> <p>11. Heena Gupta, Richa Gupta, Bhawna Sharma, Sheetal Gandotra, <i>“Review on Various Techniques of Video Steganography”</i>, International Journal of Scientific and Technical Advancements, Vol 4, Issue 1, , pp 161- 164 , 2018.</p> <p>12. Bhawna Sharma, Akshay Sharma, Akash Rajput, Parnika Gupta, Rohit Dhiman, Sheetal Gandotra <i>“Rural Electrification Using Gramjyoti Doot, Mobile And Web Based Application”</i>, International Journal of Computer Sciences and Engineering, Vol 6, Issue 8, pp 747-751, Aug 2018, E-ISSN: 2347-2693.</p>
<p><i>Short Term Training Course attended</i></p>	<p>- <i>“Network Protocols”</i> at NITTTR, Chandigarh, March 2006 (1 Week)</p> <p>- <i>“Microprocessors, Microcontrollers and their Applications”</i> at NITTTR, Chandigarh, May 2007 (1 Week)</p> <p>- <i>“VB.NET”</i> at NITTTR, Chandigarh, Sep 2007 (1 Week)</p> <p>- <i>“ANN & Fuzzy Logic”</i> at GCET, Jammu by NITTTR, Chandigarh, Feb 2008 (1 Week)</p> <p>- <i>“Wireless LANs”</i> at NITTTR, Chandigarh, March 2010 (1 Week)</p> <p>- <i>“Faculty Development Programme on Entrepreneurship”</i> at GCET, Jammu by The National Science & Technology Entrepreneurship Development Board, Dept. of Science & Technology, G.O.I., Jan 2011 (2 Weeks)</p> <p>- <i>“Soft Computing”</i> at GCET, Jammu by NITTTR, Chandigarh, March 2012 (1 Week)</p>

<p><i>Workshops Attended</i></p>	<p>:</p>	<ul style="list-style-type: none"> (i) Workshop on “Patent Awareness” held on 12/12/2002 organized by Patent Office ,Ministry of Commerce and Industry , Industrial Policy and Promotion, New Delhi held at GCET,Jammu. (ii) Workshop on “Transparent and Credible Selection Procedures for Recruitment” organized by J&K Public Service Commission on 29th March, 2008 (iii) Workshop on “Awareness Program on Entrepreneurship” held on 22.05.2012-24.05.2012 at GCET Jammu (iv) Faculty Development Program on Cloud, Big data and Knowledge management conducted by Tata Consultancy Services at GCET , Jammu on 7th Aug’, 2014. (v) TEQIP-III sponsored Workshop on NBA Accreditation organized by ESCI, Hyderabad at The Institution of Engineers (India), Jammu from 8th Dec 2017 to 10th Dec 2017. (vi) Workshop on “Start-Ups” organized Jointly by AICTE and NPIU held at UIET, Panjab University, Chandigarh on 4th-5th January, 2018. (vii) TEQIP-III Summer Training Program on Active Learning Workshop under the ‘Knowledge Incubation under TEQIP’ (KITE) initiative of MHRD, GOI on the theme Pedagogy and Research conducted in IIT Bombay from 11 June to 15 June 2018. (viii) TEQIP-III sponsored Three Days Workshop (Short Term Skill Course) on 3D Modeling and Printing under Twinning Arrangement with A UIET Chandigarh & conducted at GCET Jammu from 16th Aug to 18th Aug 2018. (ix) One week TEQIP Phase-III “Summer Training Program on Active Learning” held from 11/06/2018 to 15/06/2018 at IIT Bombay.(1 week) (x) Two weeks DST-NIMAT (EDII) Sponsored “ National Faculty Development Program on Entrepreneurship Development’ held from 10th-21st December ,2018 at Shri Mata Vaishno Devi University, Katra.(2 weeks)
<p><i>Conferences</i></p>	<p>;</p>	<ol style="list-style-type: none"> 1. Presented a Research paper titled, “<i>Women Engineers & Information Technology in Developing Nations,</i>” at The Institution of Engineers (India), Jammu Local Centre on World Telecommunication Day, 17th May 2004. 2. Presented a Research paper titled, “<i>Convergence of Technologies for Rapid Development,</i>”at The Institution of Engineers (India), Jammu Local Centre on 40th Engineers Day, Sep 15 2007.

3. Presented a Research paper titled, "*Convergence of Technologies for Rapid and Sustainable Development,*" in Engineering Section of 3rd J&K Science Congress, held at Jammu University on Feb 28, 2008.
4. Member of Organizing Committee of National Conference & Exhibition on Emerging & Innovative Trends in Engineering & Technology (NCEEITET-13) on Sep 15-16, 2013 at GCET, Jammu
5. Member of the Organizing Committee of the Engineering Chapter of 101st Indian Science Congress held at University of Jammu from Feb 3 to Feb 7, 2014.
6. Member of Organizing Committee of National Conference & Exhibition on Emerging & Innovative Trends in Engineering & Technology(NCEEITET-14) on Jan 9-10, 2015 at GCET, Jammu
7. Convener of the National Conference & Exhibition on Emerging & Innovative Trends in Engineering & Technology (NCEEITET-15) on Sep 15-16, 2015 at GCET, Jammu and also presented a Research paper titled "*Controlling your PC remotely using Android Device*"
8. Co-Convenor of the National Conference & Exhibition on Emerging & Innovative Trends in Engineering Technology (NCEEITET-2016) jointly organized by GCET, Jammu and IIT, Kharagpur on 11th-12th November, 2016 and also presented a Research paper titled "*Fuzzy Logic Based Video Quality Adaptation in Future Ready Smart Home*",
9. Co-Convenor of the National Conference & Exhibition on Emerging & Innovative Trends in Engineering Technology (5th NCEEITET) jointly organized by GCET, Jammu and IIT, Kharagpur on 19th-20th February,2018 and also Presented a Research paper titled "*Review on Various Techniques of Video Steganography*"
10. Attended 4th World Summit on Accreditation (WOSA 2018) on the theme Challenges and Opportunities in Outcome Based Accreditation organized by NBA at New Delhi from 7 Sep to 9 Sep 2018.