



***Rana Hashmy***  
***Curriculum Vitae***

<b>Address</b>	<b>Office:</b>  Department of Computer Science, University of Kashmir, Hazratbal, Srinagar – 190006, J&K (India)  Tele: 0091-194-2427280  E-mail: <a href="mailto:ranahashmy@kashmiruniversity.ac.in">ranahashmy@kashmiruniversity.ac.in</a>
<b>Education</b>	<ol style="list-style-type: none"><li>1. Ph.D Computer Science (March 2007), Jawaharlal Nehru University, New Delhi, India</li><li>2. M.S. Systems &amp; Information , BITS Pilani, India</li><li>• M.Sc Physics with specialization in Electronics , University of Kashmir, Srinagar, J&amp;K, India</li></ol>
<b>Field of Specialization</b>	<ol style="list-style-type: none"><li>3. Software Engineering</li><li>4. Biological Databases</li><li>5. Data Mining, Data Warehouse</li></ol>
<b>Academic Employment</b>	<ol style="list-style-type: none"><li>1. August 2006–till date, Scientist “C”, Department of Computer Science, University of Kashmir, Srinagar</li><li>2. August 1998–2006, Sr. System Analyst, Department of Computer Science, University of Kashmir, Srinagar</li><li>3. August 1992–1998, System Analyst, Department of Computer Science, University of Kashmir, Srinagar<ul style="list-style-type: none"><li>• As the founder member of the department, designed curriculum for graduate and post graduate courses in Computer Science, and developed labs for same</li><li>• Teaching graduate and post graduate courses</li><li>• Conducting Short Term Courses in Information Technology and Computer Sciences for University and College teachers</li><li>• Designing and developing packages for Data Analysis, MIS, and facilitating Automation</li></ul></li><li>4. April 1992 – August 1992, Senior Training Officer, Apple Industries Ltd., New Delhi.<ul style="list-style-type: none"><li>• Conducting and coordinating Short Term Courses in Computer Science &amp; Information Technology</li></ul></li><li>5. July 1991 – September 1991, Resource Person, Computers &amp; Information Systems Division, Indian Institute of Management, Ahmedabad<ul style="list-style-type: none"><li>• Trained Information Analysts from 17 different countries for a Commonwealth Program (International Program for Trainers of Information Analysts).</li></ul></li><li>6. March 1991 – May 1991, Programmer, Courseware Learning Systems Pvt. Ltd., Bombay.<ul style="list-style-type: none"><li>• Developed Computer Based Training packages for the export market</li></ul></li><li>7. April 1987 – February 1991, Project Associate, Dept. of Computer Science, Technical Teachers' Training Institute, Chandigarh<ul style="list-style-type: none"><li>• Hardware:<ul style="list-style-type: none"><li>• Developed Microprocessor based Control and Measurement experiments, like, temperature sensor, altimeter, pressure sensor etc.</li></ul></li><li>• Software:<ul style="list-style-type: none"><li>• Designed and developed the following software packages:</li><li>• Computer Aided Instructions package to teach the concept of Time Sharing Systems graphically.</li></ul></li></ul></li></ol>

	<ul style="list-style-type: none"> <li>• Computer Aided Instructions package to teach the concept of Taylor's Series</li> <li>• Simulation of 8085 kit for teaching assembly language programming</li> <li>• Teaching &amp; Training:</li> <li>• Training teachers from various polytechnics and universities, in Computer Science and Information Technology</li> <li>• Conducted and coordinated a long term course (six months) on Control &amp; Measurement and Computer Aided Instructions for the teacher trainees from Ethiopia</li> <li>• Guided various projects developed by students from R.E.Cs, other engineering colleges, and polytechnics.</li> </ul>
<p><b>Publications</b></p>	<ul style="list-style-type: none"> <li>• "Finding Influential Users in Online Social Networks A Tree based Approach", accepted for publication in the "JOURNAL OF ARTIFICIAL INTELLIGENCE RESEARCH &amp; ADVANCES" eISSN 2395-6720, to be published in Volume 5 Issue 3, 2018.</li> <li>• "Logical Data Integration Model for the Integration of Data Repositories", International Journal of Database Theory and Application, Vol. 11, No.1 (2018), pp. 21-28</li> <li>• "Exploring Different Aspects of Social Network Analysis Using Web Mining Techniques" in International Journal of Emerging Trends &amp; Technology in Computer Science (IJETTCS), Volume 4, Issue 2, March-April 2015 .</li> <li>• "Exploring Different Aspects of Social Networks Using Web Mining Techniques" <i>International Journal of Emerging Trends &amp; Technology in Computer Science</i>, 4(2): 121 -125 {ISSN: 2278-6856}</li> <li>• "Forecasting Natural Disasters Using Social Networks". 11th JK Science Congress Sovenier, University of Kashmir, Srinagar, India. {ISBN: 978-93-82288-87-9} pp 1</li> <li>• "SumDoc: A Unified Approach for Automatic Text Summarization". Springer(India) Pvt. Ltd, 17, Barakhamba Road, New Delhi - 110001, India. {ISBN: 978-981-10-0447-6} pp 12</li> <li>• "A Comparative Analysis of Community Detection in Online Social Networks". 11th JK Science Congress Sovenier, 11th JK Congress Sovenier, University of Kashmir, Srinagar, India. {ISBN: 978-93-82288-87-9} pp 3</li> <li>• "A Context Based Approach to Emotion Detection from Text". 11th JK Science Congress Sovenier, University of Kashmir, Srinagar, India. {ISBN: 978-93-82288-87-9} pp 1</li> <li>• "Analyzing Social Data Streams on Eco-consciousness: A case study". 11th JK Science Congress Sovenier, University of Kashmir, Srinagar, India. {ISBN: 978-93-82288-87-9} pp 1</li> <li>• "Mapping Biological XML DTDs using Ontology", in <i>Proceedings of The 2006 International Conference on Bioinformatics &amp; Computational Biology (BIOCOMP'06), Monte Carlo Resort, Las Vegas, Nevada, USA (June 26-29, 2006).</i></li> <li>• "Querying Biological Databases Using Ontology", in <i>Proceedings of 2nd International Database Conference on (IADC-2006), San Diego, California, 92127, USA (June 27-29, 2006).</i></li> <li>• "Biological Database – A Survey", in <i>Proceedings of the National Conference in Computer Sc and Information Technology (NCCIT '06), Fatehgarh Saheb, Punjab, India ( march 18-19th, 2006).</i></li> </ul>
<p><b>Papers in Conference/ Seminars/ Workshops attended</b></p>	<ul style="list-style-type: none"> <li>• "Context Based Approach to Emotion Detection from Text", in 11th JK Science Congress 2015, organized by <i>University of Kashmir, Srinagar</i>, from 12-10-2015 to 14-10-2015</li> <li>• "Analyzing Social Data Streams on Eco-consciousness : A case study", in 11th JK Science Congress 2015, organized by <i>University of Kashmir, Srinagar</i>, from 12-10-2015 to 14-10-2015</li> <li>• "Forecasting Natural Disasters Using Social Networks", in 11th JK Science Congress 2015 organized by <i>University of Kashmir, Srinagar</i>, from 12-10-2015 to 14-10-2015</li> <li>• "SumDoc: A Unified Approach for Automatic Text Summarization", in in SocPro 2015, organized by <i>IIT Roorkee</i>, from 18-12-2015 to 20-12-2015</li> <li>• "Event Detection and Propagation on Twitter", in Conference on "Issues related to the Library &amp; Information Science Profession in the North -Western Region of India", organized by <i>Dept. of Library &amp; Information Science, University of Kashmir, Srinagar, India</i>, from 24-04-2015 to 25-04-2015</li> <li>• "A Comparative Study &amp; Evaluation of Various Community Detection Algorithms in Online Social Networks", in International Conference on Sustainable Development &amp; Technology innovation organized by <i>Islamic University of Science &amp; Technology, Kashmir</i>, from 23-12-2015 to 24-12-2015</li> <li>• "Computational Approaches for Emotion Detection and Classification in Textual Data", in International Conference on Advances in Computers, Communication &amp; Electronics Engineering, organized by <i>Dept. of Electronics &amp; Instrumentation Technology, University of Kashmir, Srinagar</i>, from 16-04-2015 to 18-04-2015</li> </ul>

