

BIODATA

NAME & QUALIFICATION : S. HEMALATHA, M.Sc.,M.Phil., Ph.D.,
DESIGNATION : ASSISTANT PROFESSOR
DEPARTMENTNAME : COMPUTER SCIENCE
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Specialization : NETWORKS.
Total Teaching Experience : 28 YEARS
Research Experience : 17 YEARS
Guide ship : M.Phil.
No. of Scholars who have taken their M.Phil under my guidance and their details : 55

MEMBERS No. of research articles published in UGC CARE / SCOPUS / WEB of SCIENCE indexed journals: 6

LIST OF ARTICLES PUBLISHED IN JOURNALS:

INTERNATIONAL JOURNALS: 6

1. S. HEMALATHA “Timely and Secure Data Transmission in DisruptionTolerant Networks” International Journal of Scientific Progress and Research ISSN: 2349- 4689. Volume II, Issue No. 03, May 2015.
<http://www.ijraset.com/files/serve.php?FID=2622>
2. S. HEMALALTHA, “An Efficient Privacy Preserving for Mobile and Pervasive Computing” International Journal of Engineering and Science Invention ISSN: 2319 – 6734, Volume IV, Issue No. 6, June 2015.
[http://www.ijesi.org/papers/Vol\(4\)6/F046038041.pdf](http://www.ijesi.org/papers/Vol(4)6/F046038041.pdf)
3. S. HEMALATHA, “High Energy Efficient Target Tracking and Maximal Throughputin Wireless Sensor Networks” International Journal of Advance Research in Science and

Engineering. ISSN: 2319 – 8354, Volume V, Issue on 01, January 2016.
http://www.ijarse.com/images/fullpdf/1453207416_2761.pdf

4. S. HEMALATHA, “Unicast Delivery Delay Study for MANET with Erasure Coding and F-Cast Relay” International Journal of Computer Science and Engineering Technology. ISSN: 2231 – 0711, Volume VI, Issue No. 6, June 2016.
<http://ijcset.net/docs/Volumes/volume6issue6/ijcset2016060607.pdf>

5. S. HEMALATHA, “Enhancing Three – Hop Routing Protocol to Raise the High Throughput and Reducing Packet Delay Using Wireless Sensor Networks” International Research Journal of Engineering and Technology, ISSN: 2395 – 0026, Volume III, Issue No. 07, July 2016.
<https://www.irjet.net/archives/V3/i6/IRJET-V3I6108.pdf>

6. S. Hemalatha “SECURE AND ENERGY-EFFICIENT DISJOINT MULTIPATH ROUTING PROTOCOL” International Journal of Research and Analytical Reviews (IJRAR) (www.ijrar.org) UGC Approved (Journal No: 43602) & 5.75 Impact Factor Volume 7 Issue 2, Date of Publication : June 2020.

<https://www.irjet.net/archives/V3/i6/IRJET-V3I6108.pdf>

PARTICIPATION IN WORKSHOP / CONFERENCES / SEMINARS:

1. Participated in Regional level Conference on I3 – Industries institutions Interactions 6th and 7th January 2005.
2. Participated in National Conference on Bioinformatic Tools for Gene and Protein Analysis at Shrimati Indira Gandhi College, Tiruchirappalli-2 during 7th & 8th September 2007.
3. State Level Seminar on Computer oriented mathematical Techniques 2007 (SLSCOMT-2007) at Shrimati Indira Gandhi College, Tiruchirappalli-2 during 10th & 11th August 2007.
4. Participated in Regional conference on “Information Communication Technology – Trends”, organized by Shrimathi Indira Gandhi College, Trichy on 21st November 2009.
5. Participated in the National Conference on “SOFTWARE AND COMPUTING TECHNOLOGIES” jointly organized by BUTP, SIGC, Trichy and Computer Society of India, Trichy Chapter, CSI-WOMEN Students Branch of SIGC on 19th September 2012.
6. Participated in the National level seminar on “HIGH PERFORMANCE COMPUTING”, organized by Shrimathi Indira Gandhi College, Trichy 23rd Feb 2012
7. Participated in the National Seminar on “CLOUD COMPUTING” jointly organized by BUTP, SIGC, Trichy and Computer Society of India, Trichy Chapter on 26th & 27th September 2012.
8. Participated in the National Level Workshop on “RECENT TRENDS IN HUMAN COMPUTER INTERACTION” organized by Computer Society of India, Trichy Chapter in association with CSI student Branch of MAM College, CSI student Branch of JMC, CSI student Branch of SIGC and Dept. of CS\IT\MCA of Saranath college of Engineering”, Tiruchirappalli on 28th February 2015.

9. Participated and presented a paper entitled SECURE DATA AGGREGATION USING EFFICIENT KEY MANAGEMENT TECHNIQUE IN WIRELESS SENSOR NETWORK on the International conference on Technology for Sustainability-Engineering, Information Technology, Management and the Environment held at DAV Institute of Management, Faridabad on 28th November 2015.
10. Participated and presented a paper entitled HIGH ENERGY EFFICIENT TARGET TRACKING AND MAXIMAL THROUGHPUT IN WIRELESS SENSOR NETWORK on the 3rd International conference on Science, Technology and Management held at India International Center, New Delhi on 17th January 2016.

COURSE ATTENDED:

Participated in the Refresher Course in Computer Science conducted by UGC – Academic Staff College, Bharathidasan University, Tiruchirappalli on November 2004.
