RESUME

S.HEMALATHA
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PAGALAVADI VIA
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Objective

To establish myself in the field of Education, to utilize my skills and experience to help students to achieve high improvements in Academics.

Professional Profile

- Has 28 years of teaching experience for Under Graduates and Post Graduates.

- 20 years of teaching experience in Research course (M.Phil., Computer Science) and successfully produced 40 M.Phil., Research Scholars.

- Examiner of   PG practical and theory examinations of Bharathidasan University.

- Attended Refresher Course in Computer Science at Bishop Heber College, Trichy. November 2004

- Recognised As a Research Advisor For Guiding M.Phil., (Computer Science) Research Scholars By Bharathidasan University, Trichy.

- Question Paper Setter and Valuator in Bharathidasan, Bharathiyar, Periyar, Alagappa, Manonmaniam Sundaranar Universities and various Autonomous Colleges.

- Conducting Tutorial classes and Remedial classes for the slow learners, preparing study materials for fast learners.

Work Experience

Joined as a Full time Lecturer in the Department of Computer Science at Shrimati Indira Gandhi College, Trichy from **June25th,1992 to till date** .

Technical Expertise

Web Technologies   : HTML, XML

Programming Languages : Visual Basic 6.0, C, C++, Java

RDBMS   : SQL Server 2000, Oracle 9.x, MS Access

Operating Systems   : Windows 2000, Windows 98, Windows 5,   Linux, UNIX

Packages   : MS Office

Education

Master of computer application

Periyar University, Salem 2009

Master of Philosophy- M.Phil., (Computer Science)

R.E.C. College,Trichy February (2003)

Master of Science – M.Sc., Computer Science

Seethalakshmi Ramaswamy College,Trichy (1989-1991)

Bachelor of Science- B.Sc., (Computer Science)

Cauvery College, Trichy (1986-1989)

Publications / Conference Presentations

1) S. HEMALATHA "Timely and Secure Data Transmission in Disruption Tolerant Networks" International Journal of Scientific Progress and Research ISSN : 2349-4689. Volume II, Issue No. 03, May 2015.

2) S. HEMALATHA, "A Security threats Analyzed and Applications: Camera Based attacks on Smart Phone" International Journal of Research Science and Engineering ISSN: 2212 – 4012, Volume I, Issue No. 5, May 2015.

3) 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.

4) S. HEMALATHA, "Developing Algorithm for Aggregation of Key exchange Management in Wireless Sensor Networks" International Journal of Advanced Technology in Engineering and Science. ISSN: 2348 – 7550, Volume III, Issue No. 3, Nov. 2015.

5) S. HEMALATHA, "High Energy Efficient Target Tracking and Maximal Throughput in Wireless Sensor Networks" International Journal of Advance Research in Science and Engineering. ISSN: 2319 – 8354, Volume V, Issue on 01, January 2016.

6) S. HEMALATHA, S. SARANYA, "Energy Efficient Sleep Scheduling Based on Moving Directions in Target Tracking Sensor Networks" International Journal of Research Science and Engineering. ISSN: 2212 – 4012, Volume III, Issue No. 6, June 2016.

7) 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.

8) 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.

9) "The Role of cyber security tools in current era" in Suraj Punj Journal for Multidiscipilinary Research at Singapore.

Workshop / Seminar Participation

- Attended National Seminar on "Cloud Computing" on 26th September 2012 held at Technology Park, Bharathidasan University, Trichy.

- Attended National Level Seminar on "High Performance Computing" held at Shrimati Indira Gandhi College, Trichy 23-Feb-2012.

- Attended Regional Level Workshop on "INFORMATION COMMUNICATION TECHNOLOGY – TRENDS & TECHNIQUES" held at Shrimati Indira Gandhi

  College, Trichy on 21-Nov-2009.

- Attended one day Workshop on Emerging Trends in Information Technology held at BUTP, Trichy, 15-Mar-2008

- Organized and Co-ordinated National Seminar on "Emerging Trends of Mathematical Techniques And Their Applications in Computer Science" at Shrimati Indira Gandhi College, Trichy, on Feb 23-24,2007.

- Organized and Co-ordinated State Level Seminar on "Computer Oriented Mathematical Techniques 2007" at Shrimati Indira Gandhi College, Trichy, India, on Aug 10-11,2007.

- Organized and Co-ordinated State Level Seminar on "Current Trends of in Research Field of Computer Science" at Shrimati Indira Gandhi College, Trichy,

  India, on Oct 13-14,2006

- Attended one day Workshop conducted by the Bharathidasan University, Trichy. India, on "Image and Pattern Recognition (WIPREC)", on Dec'27 2006.

- Attended one day Workshop conducted by Computer Society of India, on "Industries- Institutions- Interaction ", on Jan 06-07, 2005.

Personal Profile

Name	: Mrs .S.HEMALATHA
DOB & Age	: 05/06/1969
Blood Group	: O+ve
Marital Status	: Married
Nationality	: Indian
Category	: OC
Languages Known	: Tamil and English

Place:Trichy

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