

# RESUME

**Mrs. K. GOMATHI**

**1-5 Al Humaid Real Estate Building,  
Prince Mashoor Street,  
Near Hyper Panda,  
Al Jubail, Eastern Province,  
Saudi Arabia.**

**Email:gomathikrishna@gmail.com**

**Contact No. 966-0565924591**

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## Objective

To meet the challenging opportunities to make a strong contribution to organizational goals through continued development of professional skills

## EDUCATION

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### **Ph.D.,**

- pursuing( Joined on June 2009), Sathyabama University,Chennai,T.N - Compre viva completed on Sep' 2011

### **M.Phil., Computer Science**

- Finished my M.Phil., with Distinction (82.%).  
2003-2005 Bharathidasan University,Trichy, T.N.

### **MCA (Master of Computer Applications)**

- Finished my Post Graduation in 1<sup>st</sup> Class (70%).  
1998-2001 Mother Teresa Women's University, Kodaikanal, T.N.

### **B.Sc., (Physics With Instrumentation)**

- Finished my Under Graduation with I<sup>st</sup> Class (67%).  
1995 - 1998 NGM College, Pollachi, (Bharathiar University), T.N.

## TECHNICAL QUALIFICATIONS

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### COMPUTER PROFICIENCY

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Operating Systems: DOS, Windows98, 2000, NT, UNIX.

Programming Languages: C, C++ and Java.

RDBMS: MS – SQL Server 7.0, Oracle, MS – Access.

Scripting and Mark-up Languages: HTML, DHTML, JavaScript,

GUI Tools: Visual Basic 6.0.

## WORK EXPERIENCE

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1. Worked as a Lecturer in Department of Computer Science Sree Saraswathi Thyagaraja College, Pollachi, from 3rd June 2002 to 15th April 2005. **(3 years)**
2. Worked as a Lecturer in Department of Computer Applications Dr. Mahalingam College of Engineering & Technology, Pollachi – 03, from 26<sup>th</sup> May 2005 to 20<sup>th</sup> December 2007. **(2.5 years)**
3. Worked as a Lecturer in Department of Computer Technology Velammal Engineering College, Chennai, since 30<sup>th</sup> January 2008 to April 30<sup>th</sup> 2008. **(4 months)**
4. Worked as a Senior Lecturer in Department of Computer Applications Sathyabama University, Chennai, since 28<sup>th</sup> May 2008 to June 2010. **( 2 years).**
5. Worked as a Senior Lecturer in Department of Computer Applications Mamallan Institute of Technology, Chennai, since July 2008 to Sep 2011. **( > 1 year).**

## VOLUNTEER EXPERIENCE

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- I am guiding the students project for their Curriculum, I have guided MCA, M.Sc(SE), M.Sc(SS), B.Sc (CS), BCA, B.Sc (CT) & B.Sc (IT) student projects.
- Chief Editor of GIST Magazine, Association In-charge of Sree Saraswathi Thyagaraja College, Pollachi.
- I am acting Internal Auditor for ISO, Dr. Mahalingam College of Engg & Tech, Pollachi.
- I am involved in AICTE & NAAQ report preparation for the academic year 2005-06 in Dr. Mahalingam College of Engg & Tech, Pollachi.
- Chief Editor of COMPYOUTH Association Magazine, in Dr. Mahalingam College of Engg & Tech, Pollachi.
- Co-ordinator of Second International Conference on Trendz in Information Sciences and Computing [ TISC-2010 ], Sathyabama University, Chennai.

## EXTRACURRICULAR ACTIVITIES

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- Participated in National seminar on “Environmental and Pollution Awareness” organized by Sree Saraswathi Thyagaraja College, Pollachi on 24<sup>th</sup> Sep 2005.
- Feb 05, 2003, Participated in the National level Seminar on “Data Mining & Warehousing” at Sree Ramakrishna College for Women, Coimbatore
- Sep 27, 2003 attended national seminar on “Business Process Outsourcing” organized by Sree Saraswathi Thyagaraja College, Pollachi
- Feb 14, 2003 attended & presented a paper on “Security in WEP Algorithm” in National Seminar entitled “Recent Trends in Global Networking” organized by Sree Saraswathi Thyagaraja College, Pollachi
- Participated in seminar on “Value Based Educations” organized by Dr. Mahalingam College Engineering & Technology, Pollachi on 23<sup>rd</sup> Oct 2005.
- Participated in FDP Open Source & Open Standard Based IBM Technologies organized by Coimbatore Institute of Technology, Coimbatore on 7<sup>th</sup> & 8<sup>th</sup> Oct 2005.
- Participated in seminar on ““Number theory and Cryptography”” organized by Rajalakshmi Engineering college, Chennai on August 5& 6, 2010
- Participated in “AICTE-QIP Short Term Course for MCA Teachers on Recent Trends on Computer Networks.”- organized by Ramanujan Computing Centre, Anna university, Chennai-25 from 18th to 30th, April, 2011 .
- Participated in “Workshop on NS2 “on 28th & 29th March 2011, conducted by Department of Computer Science & Engineering, Sathyabama University, Chennai.

### • International Conference:

- [1] K.Gomathi, Dr. B. Parvathavarthini “An efficient cluster based key management in MANET”- In:Proc. Second International Conference on Trendz in Information Sciences and Computing [ TISC-2010 ] on 17 to 19 December 2010 Publication Year: 2010 , IEEE Xplore, Page(s): 202 – 205, Digital Object Identifier: 0.1109/TISC.2010.5714639
- [2] K.Gomathi, Dr. Meera Gandhi “Weight based clustered key management scheme using RSA for wireless Mobile Adhoc Networks” In:Proc. Third International Conference on Advanced Computing [ ICOAC-2011 ] on 14 to 16 December 2011 Publication Year: 2011, IEEE Xplore, Digital Object Identifier:10.1109/ICoAC.2011.6165202 Publication Year: 2011 , Page(s): 359 - 364
- [3] K.Gomathi, Dr. Meera Gandhi ” Novel Weight Based Intra Cluster Group key Management Applying RSA Algorithm, In:Proc :International Conference on Security and Management (SAM'12), WORLDCOMP'12,July 16-19, 2012,Las Vegas Nevada, US

### • National Conference

- [1] K.Gomathi, Prakash K.P, Karthik V “Survey of routing attacks in mobile ad hoc networks” – In: Proc. National Conference on Emerging Trends in Networking, Automation and Control Technologies, ENACT'10 in (ENACT 2010) on Oct 4 and 5 2010,
- [2] K.Gomathi, Dr. B. Parvathavarthini, Dr. Meera Gandhi “A Novel Weighted Clustering Architecture for Intra and Inter Cluster Routing in Wireless Mobile Ad hoc Sensor Networks (WIICRP) for Disaster Management “ In:Proc.- Annual convention on GeoSpatial Technologies And Applications (GEO Summit-2011) , on June 27-29 Page 39

**PERSONAL DETAILS**

Father's Name : Krishnasamy P  
Date of Birth : 15<sup>th</sup> June 1978  
Age : 34 Years  
Marital Status : Married  
Spouse Name : Saravana Kumar C  
Children : 2  
Nationality : Indian

**OTHER DETAILS**

Languages Known : English, Tamil  
Hobbies : Reading books, Listening Music

I hereby declare that the above information's are true with best of my knowledge.

**(K.GOMATHI)**