FACULTY PROFILE TEMPLATE

Personal Information:

- **Name: GOMATHI.S**

- **Designation/Position: Assistant Professor**

  Department: Department of Computer Science and Engineering

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- **Office Address:PKC-215,VALLAM**
  (Building name, Room number, Campus location)

Educational Background:

Degree	Major/Field	Institution	Year of Graduation
M.E.	CSE	Anna Univeristy,Meenakshi Ramasamy Engineering College	2015
B.E.	CSE	Anna Univeristy,A.R.J. college of engineering &Technology	2008

Teaching Interests:

** Computer Organization and Architecture
** Compiler Design
** Database Management Systems
** Web Technology
** System Modeling & Simulation
** Theory of computation
** Computer Networks
** Computer Graphics
** Java & J2EE
** Advanced Computer Architectures
** Data Structures
** Programming in C,C++, Java
** Data Structures

** Analog & Digital Communication
** .Net
**Artifical Intelligence and Machine Learning

Publications:

A Research to find Destination Location of Wireless Sensor Network Using GOR Routing
Programming Language:.Net
Duration:4months

Description:
Exploit the geographic opportunistic routing (GOR) for QoS provisioning with both end-to- end reliability and delay constraints in wireless sensor networks (WSNs). Recent work exploits multipath routing to guarantee both reliability and delay QoS constraints in WSNs. However, the multipath routing approach suffers from a significant energy cost. We also find that existing GOR protocol may not be suitable for QoS provisioning in WSNs, due to the large computation delay at each hop. To improve the efficiency of QoS routing in WSNs, we study the problem of efficient GOR for multi constrained QoS provisioning in WSNs, which can be formulated as a multi objective multi constraint optimization problem. We look in depth at the properties of the multiple objectives. Based on the analysis and observations, we then propose a heuristic efficient GOR (EGOR) algorithm for QoS provisioning in WSNs.

Professional Experience:

Position	Institution/Organization	Duration
Assistant Professor	PMIST	DEC 2015 to tilldate
Lecturer	STET Women's College	August 2015 to July 2016
Lab Instructor	Agni College of technology	July 2012 to July 2013.

Languages:

- English, Tamil

Hobbies/Interests (Optional):

Reading Books, Listening Music.

Signature