

M.M. GOWTHUL ALAM, M.E.,M.B.A.,

Associate Professor in Dept. of CSE

National College of Engineering, Maruthakulam,
Tirunelveli – 627 151.

E-mail : alamme2005@yahoo.com

Phone : +91-4635-256343 Extn. 119 (Office/College)

Mobile No. 99943 93985, 99943 93925 (Personal)



Academic Background: **B.E.** (Computer Science and Engineering – Regular) at Government College of Engineering, Tirunelveli from Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu in April 1999.

M.E. (Computer Science and Engineering – Regular) at J.J. College of Engineering and Technology, Trichy from Anna University, Chennai, Tamil Nadu in Jun 2005.

M.B.A. (Human Resources – Distance Mode) at MSU Education Centre, Tirunelveli from Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu in May 2011.

Pursuing **Ph.D.*** (Part–Time) in Information and Communication Engineering at Anna University, Chennai, Tamil Nadu.

Areas of interest : Data Mining and Network Security

Subjects handled : Theory of Computation, Compile Design, Operating Systems, Data Structure and Algorithms, Internet Programming, Component Based Technology, Object Oriented Programming, Computer Architecture and Data Base Technology.

Software Proficiency : C, C++, Java and SCILAB

Experience :

Academics : 11 Years & 11 Months (As on 30.06.2014)

July 2010 to Till date
(As on 30.06.2014) **Associate Professor**, Department of Computer Science and Engineering, National College of Engineering, Maruthakulam, Tirunelveli – 627 151.

Other responsibilities :

- Coordinator for IEI Students' Chapter.
- Coordinator for ISO (CSE Department).
- Head of the Department (In-charge) of CSE in absence of H.O.D.

Aug 2005 to June 2010 **Assistant Professor**, Department of Computer Science and Engineering, National College of Engineering, Tirunelveli – 627 151.

Other responsibilities :

Head of the Department (In-charge) of CSE in absence of H.O.D.

April 2005 to July 2005	Senior Lecturer , Department of Computer Science and Engineering, National College of Engineering, Tirunelveli – 627 151. Other responsibilities : Head of the Department (In-charge) of CSE.
July 2002 to April 2005	Lecturer , Department of Computer Science and Engineering, M.A.M. College of Engineering, Trichy – 621 105.
July 2001 to May 2002	Lecturer , Department of Computer Science and Engineering, National College of Engineering, Tirunelveli – 627 151. Other responsibilities: • Head of the Department (In-charge) of CSE & IT.
Feb 2001 to July 2001	Lecturer , Department of Computer Science and Engineering, PET Engineering College, Tirunelveli – 627 117.
July 2000 to Jan 2001	Lecturer , Department of Computer Science and Engineering, Sethu Institute of Technology, Virudhunagar – 626 106.

Industry :	NIL
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Professional Association Activities	Life Members in IEI, ISTE and CSTA. Institutional Member in CSI.
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Publications :	
International Journals/ Conferences (5 Publications – Conf. 1 Publication – Journal)	<ul style="list-style-type: none"> • F. Bommi Shamini Mary and M.M. Gowthul Alam “Overhaul Accessibility with Self Motivated Path Renovation in Mesh Network”, International Conference on Emerging Trends in Computer & Communication Technologies – EMICS 12, 16th & 17th Feb 2012, Maria College of Engineering and Technology, Kanyakumari Dist., Tamil Nadu. • B. Bruntha and M.M. Gowthul Alam “Efficient Scheduling Algorithm for Routing in Asynchronous Sensor Networks”, International Conference on Emerging Trends in Computer & Communication Technologies – EMICS 12, 16th & 17th Feb 2012, Maria College of Engineering and Technology, Kanyakumari Dist., Tamil Nadu. • Jaspin and M.M. Gowthul Alam “Authentication based Image Sharing with Data Repair Capability”, International Conference on Emerging Marvels in Information and Computer Science Engineering – EMICS 13, 15th & 16th Feb 2013, Maria College of Engineering and Technology, Kanyakumari Dist., Tamil Nadu. • S. Meenakshi, M.M. Gowthul Alam and S. Baulkani “Anomaly Detection using Multiple Cost Sensitive Decision Tree Approach”, International Conference on Trends in Mechanical, Aeronautical, Civil, Computer, Communication & Electrical Sciences – ICMAE’14, 19th & 20th Feb 2014, Tamizhan College of Engineering and Technology, Kanyakumari Dist., Tamil Nadu. • S. Meenakshi, M.M. Gowthul Alam and S. Baulkani “Fraud

Classification using Multilayered Clustering Techniques”, International Conference on Emerging Marvels in Information and Computer Science Engineering – EMICS 14, 25th & 26th Feb 2014, Maria College of Engineering and Technology, Kanyakumari Dist., Tamil Nadu.

- S. Sumathi and M.M. Gowthul Alam **“Numerical and Categorical Attributes Data Clustering using K-Modes and Fuzzy K-Modes”,** International Journal of Engineering Research and Applications (IJERA) ISSN:2248-9622, Vol. 7, Page 19 -24.

**National Journals /
Conferences
(6 Publications)**

- M.M. Gowthul Alam **“Efficient Implementation of Blind Signature”,** National Conference on High Performance Computing – Vision’ 05, 08th Apr 2005, Govt. College of Engineering, Tirunelveli, Tamil Nadu.
- M.M. Gowthul Alam and P. Ramasubramanian **“A Novel Approach for Network Security using Data Mining”,** National Conference on Innovations in Information Technology – NCIT 2012, 24th & 25th Feb 2012, Bannari Amman Institute of Technology, Erode, Tamil Nadu.
- M.M. Gowthul Alam and Dr S. Kurshid Jinna **“Data Retrieval from Cluster based System using SSL Backend Forwarding Scheme”,** National Conference on Emerging Trends in Applications of Computing – NACETAC’ 12, 10th Mar 2012, FX Engineering College, Tirunelveli, Tamil Nadu.
- F. Bommi Shamini Mary and M.M. Gowthul Alam **“Rapid Failure Re-routing with Service Availability in Mesh Network”,** National Conference on Computing and Applications – NACCA’ 12, 22th Mar 2012, National Engineering College, Kovilpatti, Tamil Nadu.
- M.M. Gowthul Alam **“Information Transmission in Crime Branch using Stegnography and RSA Algorithm”,** National Conference on Emerging Trends in Computer Engineering & Technology – ETCET’ 12, 23rd Mar 2012, Sri Vidhya College of Engineering & Technology, Virudhunagar, Tamil Nadu.
- S. Meenakshi and M.M. Gowthul Alam **“A Novel Approach for Credit Card Detection Based on Decision Tree”,** National Conference on Research and Application of Information Technology – NCRAIT’14, Mar 2014, SCAD College of Engineering and Technology, Cheranmahadevi, Tirunelveli, Tamil Nadu.

**Conferences/Seminars/
Workshops participated**

- Two days Training Program on “Internal Auditing”, National College of Engineering, Tirunelveli, Mar 2002.
 - Five days FDP on “Data Structures and Algorithms”, MIT, Chromepet, Chennai, June 2003.
 - Two days National Conference on “e-Education”, J.J. College of Engineering & Technology, Trichy, Aug 2004.
 - One day National Seminar on “Renewable Energy – Energy of the
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Future”, National College of Engineering, Tirunelveli, Aug 2005.

- One day Workshop on “Mobile and Pervasive Computing”, National Institute of Technology, Trichy, Aug 2007.
 - One day Workshop on “Network Security”, Angalamman College of Engg. & Technology, Trichy, Aug 2008.
 - Two days Training Program on “Internal Audit-Quality Management System”, National College of Engineering, Tirunelveli, Oct 2008.
 - One day Seminar on “Satellite and its Applications”, National College of Engineering, Tirunelveli, Aug 2010.
 - One day Workshop on “NS 2 (Network Simulator 2)”, Einstein College of Engineering, Tirunelveli, Oct 2010.
 - Two days Training Program on “Internal Audit on ISO 9001:2008 and ISO 19011:2002”, National College of Engineering, Tirunelveli, Oct 2010.
 - One day Seminar on “Recent Trends in Cloud Computing”, National College of Engineering, Tirunelveli, Dec 2011.
 - One day National Workshop on “Digital Image Processing and Mobile Computing”, PSN College of Engineering and Technology, Tirunelveli, Feb 2011.
 - Five days Workshop on “Mission 10x – Faculty Empowerment Program”, National College of Engineering, Tirunelveli, Feb 2012.
 - One day National Workshop on “Network Simulation using NS2”, National College of Engineering, Tirunelveli, Mar 2012.
 - Ten days National Workshop on “Introduction to Research Methodologies”, National College of Engineering, Tirunelveli, June – July 2012.
 - Two days Workshop on “Free Open Source Software”, National College of Engineering, Tirunelveli, Aug 2012.
 - One day Seminar on “Android Mobile Applications”, National College of Engineering, Tirunelveli, Sep 2012.
 - Two days Workshop on “Aakash for Education”, Conducted by IIT Bombay at National College of Engineering, Tirunelveli, Nov 2012.
 - Two day ISTE Workshop on “Research Methods in Educational Technology”, Conducted by IIT Bombay at National College of Engineering, Tirunelveli from 02 & 09.02.2013.
 - Two days Workshop on “Ethical Hacking Techniques”, National College of Engineering, Tirunelveli, Feb 2013.
 - Two week ISTE Workshop on “Database Management Systems”, Conducted by IIT Bombay at National College of Engineering, Tirunelveli from 21 to 31.05.2013.
 - Two days Instructional Course on “Computational Complexity”, at
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National Engineering College, Kovilpatti on 27 & 28.09.2013.

- One day National level Seminar on “Advanced Trends in Web Mining and Web Security”, at Jayaraj Annapackiam CSI College of Engineering, Nazareth on 03.10.2013.
- Two weeks ISTE Workshop on “Computer Programming”, at IITB, Mumbai, India, April 2014.

**Events Organized/
Conducted**

- One day Seminar on “Android Mobile Applications”, National College of Engineering, Tirunelveli, Sep 2012. (Co-Convenor)
- Two days Workshop on “Ethical Hacking Techniques”, National College of Engineering, Tirunelveli, Feb 2013. (Co-Convenor)
- NCE IEI Students’ Chapter Inaugural Function at National College of Engineering, Tirunelveli, Feb 2013. (Coordinator NCE IEI Students’ Chapter)
- Two weeks ISTE Workshop on “Computer Programming”, Conducted by IITB, Mumbai, India at National College of Engineering, Tirunelveli in June 2013 under National Mission on Education through ICT.

Achievements

- Received the “**Best Faculty award for 2007 – 2008**” in Department of Computer Science and Engineering, National College of Engineering, Tirunelveli.
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