

DATA SHEET



Name of the faculty : **Y.Mohamadi Begum**
Designation : **Professor / Dept. of IT & Vice Principal (Academic)**
Department : **IT**
Educational Qualification :

| Name of the Degree | Specialization | Year of Passing | Name of the College | Name of the University |
|--------------------|-----------------------------------|-----------------|---------------------|-----------------------------------|
| B .E. | Computer Technology & Informatics | 1989 | GCT, Coimbatore | Bharathiar University, Coimbatore |
| AIS | Information Science | 1993 | INSDOC, New Delhi | CSIR, New Delhi |
| Ph.D. | Computer Science & Engineering | 2013 | - | Anna University, Chennai |

Academic Experience :

| Name of the College | Designation | Joining Date | Relieving Date | Experience | | | |
|--|-------------------------|--------------|----------------|------------|--------|------|---|
| | | | | Years | Months | Days | |
| M.A.M. College of Engineering, Trichy Crescent Engineering College, Chennai | Professor | 01.12.2007 | Till date | 7 | 10 | 3 | |
| | Asst. Professor | 10.10.2005 | 30.11.2007 | 2 | 1 | 20 | |
| | Sr. Lecturer | 22.06.2004 | 09.10.2005 | 1 | 3 | 17 | |
| | | 18.06.2001 | 08.02.2002 | 0 | 7 | 21 | |
| | Lecturer | 18.06.1990 | 30.06.97 | 7 | - | 12 | |
| | Sr. Lecturer | 01.07.97 | 04.01.99 | 1 | 6 | 4 | |
| | Total Experience | | | | 20 | 4 | 7 |

Memberships: Technical

| S.No | Description |
|------|--|
| 1. | Institution of Engineers –Member |
| 2. | Indian Society for Technical Education – Life Member |
| 3. | Computer Society of India - Member |

National Seminars, Workshops. Conferences Status Attended

| S.No | Description |
|------|--|
| 1. | Participated in the Workshop on "Google Apps" during the month of March, 2014. |
| 2. | Participated in the Workshop on "Integrated Framework for Cyber Space Security" at SSN college of Engineering, Chennai, Feb 28 - 2012. |
| 3. | Participated in Workshop on “Research Directions in Distributed Computing” conducted by JNTU, Anantapur, December 2010. |
| 4. | Participated in Conference on “Distributed Computing” Indian Institute of Technology – Chennai, December 2009. |
| 5. | Successfully completed a workshop on “High Impact Teaching Skills”, Dale Carnegie Training, Mission 10X, organized by Wipro, May 2009. |
| 6. | Participated in workshop on “Research directions in Software Engineering” IIT – Chennai, December 2007. |
| 7. | Research Initiative Programme on “Service Oriented Architecture”, Anna University, Trichy, October 2007. |
| 8. | NCOOT 2004 – 6th National Conference on Object Oriented Technology, Trichy, August 2004. |
| 9. | Training course on “Quality System Awareness”, organized by Zandig TQM Solutions Pvt. Ltd., Bangalore, August 2004. |
| 10. | Participated in Induction Training Programme, Crescent Engg. College, March 1994. |
| 11. | Participated in Orientation Programme, Crescent Engg. College, December 1992. |
| 12. | Delegate in the Southern Regional Conference of CSI – 89 on “On-line Transaction Processing”, GCT, Coimbatore, January 1989. |

National Seminars, Workshops. Conferences Status Presented

| S.No | Description |
|------|--|
| 1. | Resource Person, Anna University sponsored Faculty Development Programme on “Advanced Databases”, M.A.M. College of Engineering, Trichy, December 2012. |
| 2. | Coordinator, Workshop on "Cloud Computing" by Dr.Rajkumar Buyya, Professor, University of Melbourne, December 2009. |
| 3. | Resource Person, “Web Technology”, Technical talk organized by Computer Society of India & Institution of Engineers, Trichy, August 2007. |
| 4. | Resource Person, AICTE sponsored Staff Development Programme on “Internet Programming and Applications”, M.A.M. College of Engineering, Trichy, July 2007. |

International Seminars, Workshops. Conferences Status Presented

| S.No | Description |
|------|--|
| 1. | Y.Mohamadi Begum and M.A. Maluk Mohamed, “A Heap-based P2P Topology and Dynamic Resource Location Policy for Process Migration in Mobile Clusters”, Proc. of the Fourth International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies (UBICOMM 2010), Florence, Italy, pp. 196-201, 2010. |
| 2. | Y.Mohamadi Begum and M.A. Maluk Mohamed, “A DHT-Based Process Migration Policy for Mobile Clusters”, Proc. of the 7th International Conference on Information Technology: New Generations (ITNG 2010), Las Vegas, Nevada, USA, pp.934-938, 2010. |
| 3. | M.A. Maluk Mohamed and Y. Mohamadi Begum, “Building QoS Enabled Mobile Service Grid”, Proc. of the International Workshop on QoS and Performance Metrics in High Performance Computing (QPMHPC-08) held in conjunction with the 10th IEEE International Conference on High Performance Computing and Communications (HPCC-08), DaLian, China, Sep. 2008. |
| 4. | M.A. Maluk Mohamed and Y. Mohamadi Begum, “Mobile Sensor Grid for Context-Aware Applications and its Challenges”, Proc. of the IEEE International Conference on Mobile Data Management (MDM 2008), Beijing, China, April 2008. |

Publications (Technical)

| S.No | Description |
|------|---|
| 1. | Y.Mohamadi Begum and M.A. Maluk Mohamed, "Dual Heap Overlay for Range Queries for Handling Hardware Resources", The Arabian Journal for Science and Engineering, July 2013. |
| 2. | R. Pandeewari and Y. Mohamadi Begum, "RSFTS: Rule-based Semantic Fault Tolerant Scheduling for Cloud Environment", International Journal of Computers & Technology, Volume 4, No. 2, March-April, 2013. |
| 3. | Y.Mohamadi Begum and M.A. Maluk Mohamed, "DEEPG: Dual Heap Overlay Resource Discovery Protocol for Mobile Grid", Scalability Computing: Practice and Experience, Vol.12, No.2, pp.239-255, 2011. |
| 4. | Y.Mohamadi Begum and M.A. Maluk Mohamed, "Handling Disconnections in LTE Network-based Mobile Grid", International Journal on Internet and Distributed Computing Systems, Vol.1, No.2, pp.68-75, 2011. |
| 5. | Y.Mohamadi Begum, Mohideen Ibramsha and M.A. Maluk Mohamed, "Service level Requirements for Cloud as Business Platform", International Journal of Wireless and Mobile Computing, Vol.1, No.1, pp.25-29, 2011. |

Research Grants Received / Granting Authority / Purpose

| S.No | Description |
|------|---|
| 1. | Research Promotion Scheme – "Interoperable API For Cloud Computing Environment", AICTE, Rs. 3,22,140/ , 2013-2014. |
| 2. | Seminar Grant – "Computing and communication Architecture For Pervasive Computing", AICTE, Rs. 2,00,000, 2013-2014. |
| 3. | FDP Grant – "Advanced Databases", Anna University, Chennai, Rs. 60,000, December 2012. |
| 4. | FDP Grant – " Grid Computing", Anna University, Chennai, Rs. 25,000, December 2007. |
| 5. | FDP Grant – "Network Programming and Management", Anna University, Chennai, Rs. 25,000, December 2006. |

Other Disclosures, if any:

| S.No | Description |
|------|---|
| 1. | Areas of Interest: Distributed Systems, Parallel Computing, Computer Architecture, Software Engineering |
| 2. | Discipline Chairman (Zonal), Educational Excellence Forum of CII (Confederation of Indian Industries) |
| 3. | Chairman, Central Valuation of Computer Science & Engineering, Anna University, Chennai |
| 4. | Dissertation for Post Graduate Degree: "Hypertext Generator" (Demonstrated on ISO 9000), July 1993. (INSDOC New Delhi, India) Possibly the world's first implementation of a hypertext generator in C. |