PANEL OF EXPERTS FOR ORAL EXAMINATION

Dr.A.M.KALPANA

PERSONAL DETAILS
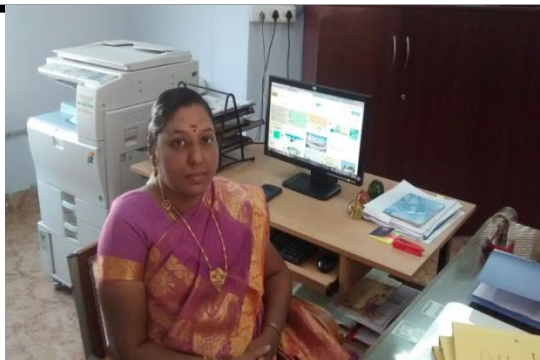
Nationality	: **Indian.**
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E-mail	: **kalpana.gce@gmail.com**
Address	: **Associate Professor,Head of the Department**
	Department of computer Science and Engineering
	Government College of Engineering
	Salem-636 011

ACADEMIC QUALIFICATIONS

Academic Background

S.No	Degree	Institution/ University	Year	Subjects	Class and Percentage
1.	B.E	Bharathiyar University	1999	Computer Science and Engineering	I Class, 70%
2.	M.E	Sona College of Technology Anna University, Chennai	2007	Computer Science and Engineering	First class with Distinction, 82%
3.	Ph.D	Anna University, Chennai	2013	Information and Communication Engineering	Commended

Research Areas :

Doctor of Philosophy (Ph.D) in Computer Science and Engineering

Area of Research   : Software Engineering

Supervisor   : Dr.A.Ebenezer Jeyakumar

University   : Anna University, Chennai.

Publications:

1.   Refereed Journals

1. R.C.Karpagalakshmi, and Dr.A.M.Kalpana "Multi-point co-ordination scheme for traffic control systems" Asian Journal Of Research In Social Sciences And Humanities, vol 6,no.10,October 2016,pp.911-919.

2. R.C.Karpagalakshmi, D. Tensing and Dr.A.M.Kalpana" A Robust Vantage Point based Event Detection Architecture for Efficient Object Detection and Localization" Asian Journal of Information technology, April 2016

3. Karpagalakshmi, RC, Tensing, D &Kalpana, AM 'Image Localization using Deformable Model and its Application in Health Informatics, Journal of Medical Imaging and Health Informatics, ISSN : 2156-7018(Print), ISSN : 2156-7026 (Online) Manuscript 161144. (Annexure I and Updated 2016 list).

4. R.P.S.Manikandan and Dr.A.M.Kalpana," Tracking and Analyzing the Public Opinions by Interpretation Techniques" IJIRT , April 2016 , Volume 2 Issue 11.

5. Kalpana A.M.,Tamizarasu.K, Ebenezer Jeyakumar.A,"A Fuzzy logic based framework for assessing the maturity level of Indian small scale software organizations" , computer system science and engineering, March 2014, vol 29 issue 1,page no: 91-105.(Annexure-I)

6. Kalpana A.M.,Tamizarasu.K, Dr.Rajaram.M,"Maliciousness in mobile Adhoc networks:A performance evaluation", journal of Theoretical and Applied Information Technology, July 2014 vol 65,issue 3,page no:715-722

7. Kalpana A.M., M.Sivasankar "Requirement Management for Agile Software Development "International Journal of Systems, Algorithms and Applications, December, 2012, vol 2, issue 12.

8. Kalpana A.M., Ebenezer Jeyakumar," An Questionnaire based assessment method for process improvement in Indian small scale software organizations." European Journal of Scientific Research, September 2011, vol60 issue-3.

9. Kalpana A.M., Ebenezer Jeyakumar ," Software process improvisation framework based on fuzzy logic approach for optimizing Indian small scale software

organizations **"** International Journal of Multimedia and Ubiquitous Engineering Vol. 6, No. 1, January, 2011 .

10. Kalpana A.M., Ebenezer Jeyakumar. (March 2010), "Fuzzy logic based software process improvisation framework for Indian small scale software organization" International Journal of Computer Science and Engineering, Vol. 2 issue 3 .pp 852-859.

11. Kalpana A.M., Ebenezer Jeyakumar (March 2010), "Software Process Improvisation Framework using Fuzzy Logic based approach for Indian Small Scale Software Organization**"**, International Journal of Computer Science and Network Security, Vol. 10, pp. 111-118.

12. KalpanaA.M.,Ebenezer Jeyakumar. (April 2010), "Software process improvisation framework for indian small scale software organizations using fuzzy logic", International Journal of Computer Science and Information Security, Vol. 8, pp. 156-162.

International Conferences	
'Design and Analysis of a robust Ray Traced Template and improvised Gradient Model for Vehicular Recognition and Localization'.	On Advancements In Power Electronics And Industrial Drives (NCAPEID 2016)
Detection and Tracking of Moving Object Based on Background Subtraction	International Conference on "Recent Innovation in Science, Technology and Management" (ICRISTM-16) at Indian Federation of United Nations Associations (IFUNA) , New Delhi, India on 12thJune 2016
Self assessment tool for small manufacturing enterprise (SME)	Proceedings of International conference on Computing Communication and networks "ICCCN 2008"
Long-Term Cross-Session Relevance Feedback Using Virtual Features	Proceedings of International Conference on "ICOREM" May 27-Anna University, Tiruchirappalli.
A framework approach using CMMI for SPI to Indian SME's	Proceedings of International Conference on "ICICT 2010" M.Kumarasamy College Engineering,Karur.
An Optimized Software Improvisation Framework using Fuzzy Logic Based Approach for Indian Small Scale Software Organization.	Advances in Information Sciences and Service Sciences –AISS
Software Process Improvisation in Small Scale Software Organizations (SSSO)	Medwell Online Journal
An Software Improvisation Framework based on Fuzzy Logic Approach for optimizing Indian Small Scale Software Organization.	International Journal of Software Engineering and its Application (IJSEIA) SERSC

Academic Experience

Present

- Total Experience: **17 years**
  - Head of the department, Dept. of Computer Science and Engineering, Government College of Engineering ,Salem-11 from 1.11.2006 to till date.

Past

- Lecturer, Department of Computer Science and Engineering, PSNA College of Engineering and Technology from 12.07.1999 to 1.8.2001

Responsibilities include

- TEQIP coordinator for the institution.
- Coordination of department level activities for Research and Development
- Project coordination, for the B.E CSE students
- Coordinating and undertaking research and development activities in the software engineering research area.
- Coordination and Administration of IEEE and CSI college chapter activities
- Organizing conferences and faculty development programmes
- Coordination and Administration of AICTE and UGC related activities.
- Coordinating with industries like TCS, Infosys and IBM.

Workshops / conferences / FDPs organized

- **National Conferences organized/ conducted   : 10**
- **National level symposium organized/ conducted : 15**
- **FDP's conducted   : 20**
- **Seminars for students, organized   : 40**
- **Expert Lectures delivered   : 25**

Subjects Taught/Teaching :

- Software Engineering
- Operating systems
- Mobile Computing
- Data Structures
- Software project management
- Distributed Computing

Major positions held

- Chairman , Board of Studies, CSE&IT, GCE, Salem
- Member, Board of Studies, CSE & IT, ACCET, Karaikudi and Pavaai Engineering college, Mahendra Engineering College, Thiagaraja polytechnic college,Adhiyaman college of Engineering.
- Member Pre-Evaluation Board, Anna University, Chennai.

- Qualified Research Supervisor for M.S by Research and Ph.D Programmes at Anna University, Chennai and currently guiding 12 research scholars.
- Member in Anna university affiliation and research committee.
- Recognized Academic Counsellor for IGNOU, since 1996 and number of masters dissertation (MCA level) supervised.
- Supervised 32 M.E. and 6 M.Phil dissertations.
- Reviewer for many international journals

Professional Affiliations

- Life Member, ISTE India, 2002 onwards
- Member, IEEE, 2002 onwards
- Life Member, CSI (India), 2007 onwards
- Member, IE from 2012 onwards