Name:	
Dr. Kalaimagal Sivamuni	

Qualification:Ph.D(Computer Science And Engineering)

Experience : 20 years

Area of Interest :

1.Software components.

2.Software Quality

3.Cognitive Pedagogies in Education Technology

Subjects Taught : Advanced compiler Design,Theory of computation,Design and Analysis of Algorithms,Advanced Data Structures,Object oriented management,Software Engineering,Software Quality Assurance.

Research Publications:

a)Internal journals

1.Sivamuni Kalaimangal and Rengaramanujam Srinivasan(2008),'A TRUSTAD Component Nomeneclature',Journal of Object Technology,Vol 7,No.4,pp.159-173.

2.Sivamuni Kalaimangal and Rengaramanujam Srinivasan(2008),A Retrospective on software component Quality Models',ACM SIGSOFT Software Engineering Notes,Vol.3.No.6.pp.1-10.

3.Sivamuni Kalaimangal and Rengaramanujam Srinivasan(2009),'The need for transferring the COTS Component Quality Evaluation Standard Mirage to Reality',ACM SIGSOFT Software Engineering Notes,Vol.34,No.5.pp.1-4.

4.Sivamuni Kalaimangal and Rengaramanujam Srinivasan(2010),'Q'Facto 10-A COTS

Quality Evalution Model',Journal of Software Engineering,Vol.4,No 1.pp.1-15.

5.Sivamuni Kalaimangal and Rengaramanujam Srinivasan(2010),'Q'Facto 12-An Improved

Quality Model',ACM SIGSOFT Software Engineering Notes,Vol.35,No.2,pp.1-4.

6.S.Kalaima,M.A. Mukunthan, V.Vijayaraja,(2011),'Buffer Overflow Attack Blocker using SIGFREE Concept,'Inernational Journal of Computer Technology and Applications,Vol.1,No.2 pp.365-373.

7.Sivamuni Kalaimangal and Rengaramanujam Srinivasan(2013),WEBDEV:A Six Sigma DMAIC based web Portal Design Framework",International Journal of Computer Applications,Vol 69,No19,may 2013.

Projects guided:

100plus UG and PG Projects

Some of the recent innovative projects guided are:

1.Robol.eg(An Exoskeleton for Paraplegic Children).

2.HIV Medication Tracer.

3.Baby Snatching Prevention System.

4.Calorie 60(A nutrition guide for Malnourished Childrens)

5.Gesture Driven WheelChair

6.Interactive Learning Using Kineet

7.Speakto Act(An Exclusive Application for Austistic People to Communicate)

PHD SUPERVISION

S.NO	Name of the student	Date of Registration	Current Status	Remarks

1	Mr.VijajayakumarMantri	September 2012	Second Doctoral Committee Completed	Registered at KL University
2	Mr.Rohit	August 2013	First Doctoral Committee completed	KL University
3	Mr.Mukundan	April 2011	Third Doctoral Committee Completed	Registered at Anna University ,Chennai

Workshops/Seminars/FDP's Organized:

S.NO	Title	Duration	Major Sponsor(s)	Level(International/National)	Remarks
1	Windows8 apllication Development Workshop	Sep 3-Sep8 2012		National	148 students developed Windows8 apps
2	Windows Azure MTA Certification Program	Dec 17-Dec22,2012		National	38 students got Mts certified in Windows Azure
3	Microsoft Dreamspark Yatra	March 31, 2012	Microsoft Corporation	National	1500 students attended

4	Faculty Development Programme for Entrepreneurship Development	June 24-July 5,2013	Center for Entrepreneurship Development	National	25 faculty members participated in the workshop
5	Entrepreneurship Awareness Workshop	July 30-31,2013	Center for Entrepreneurship Development	National	Attended by 75 students
6	Cloud Computing Workshop	Sep 10-Sep15,2014		National	Attended by 120 students and 53 faculty

Workshops/Seminars/FDP's Attended:

S.No	Title	Duration	Insttution
1	"Online Education Technologies"	2days	Microsoft Research
2	Microsoft Winter School on Theoretical	2weeks	Microsoft Research

	Computer Science		
3	Cloud Computing and Big Data	5days	IUCEEFLI

Conferences Attended:(preferably International)

a)International Conferences:

1.Sivamuni Kalaimagal and Rengaramanujam Srinivasan(2009),'A Five Star Component Maturity',Presented at 2009 IEEE International Advanced Computing Conference,Thapar University.

2.Sujoy Bhattacharya and Sivamuni Kalaimagal(2013),"2D IIR Filter Design Using an Adaptation of Random Search Methodology",accepted at the 2013 IEEE International Conference on Advanced Computing(IACC),Ghaziabad,Feb 22-24,2013

3.Sivamuni Kalaimagal and Amgoth Jagan(2013),"Using Six Sigma in Web Portal Development",accepted at the 2013 IEEE International Conference on Research and Development Prospects on Engineering and Technology (ICRDPET),Nagapattinam,March29 and30.

4.Sivamuni Kalaimagal and Amgoth Jagan(2013),"Six Sigma In Software Engineering:a Dream Into Reality",presented at the Second International Conference of Computer Science and Electronic Engineering to be held at New Delhi,Feb22-24,2013.

5.Sivamuni Kalaimagal and Sujoy Bhattacharya,"Assembling pieces of the MOOCS Jigsaw Puzzle",presented at the 2013 IEEE International Conference in MOOC(Innovationa and Technology in Education),20-22Dec 2013.

6.Kumar.V.A.Shraban, Kalaimagal Sivamuni,"C-Glance-An Interactive Way to Learn C",presented at the 2014 6[th]IEEE International Conference on Technology for Education(T4E).

7.Sivamuni Kalaimagal,"HIV smART Monitor-A Health Care System That Monitors

Pediatric Antiretroviral Therapy(ART)Drug Dosages",12CT 2018,Pune ,April 6-8, 2018.

National Conference:

1.Kalaimagal.S&Srinivasan.R(2006),'The Quest for Component Testability',published in the Proceeding of the National Conference on Recent Advances in Computing,Sree Krishna Engineering College,Coimbatore,pp.525-531.

Achievements:

1.Instrumental in establishing the Microsoft Innovation Center in B.V.Raju Institute of Technology.(BVRIT)as a consulting faculty which earned the following accolades:

a.Received Best MIC award in March 2013.

b.Coordinated 148 students to attend the Windows 8 appfest in Bangalore in September 2012

c.Guided the Project titled,"Baby Snatching Preventon System"which was one of the top six in the Idea Carnival held at BITS Pilani Hyderabad in June 2013.

d.Key Speaker at MIC Summit in Bangalore in March 2013.

e.Selected to represent India in the MIC summit held in Spain in September 2012.

2.Adept at handling Theory of Computation ,Advanced Compiler Design,Design and Analysis of Algorithms and Object Oriented Analysis and Design at both the UG and PG levels with a consistent University Pass Percentage of 95% and above.

3.Established a CSI student chapter in Jayaaa engineering College.

4.Established a CSI chapter in St.Martins Engineering College.

5.Established an ACM Womens chapter in St.Martins Engineering College.

6.Submitted a research proposal titled"Siishurakshan"to the Department of

Electroncs and Information Technology(Deity).Goverment of India.

7.Submitted a research proposal title"Constructing a Cognitive Pedagogical Framework for Compiler Design Classroom Institute for the Computer Science and Engineering Curriculum in India

Universities",to the Department of Science and Technology(DST) under the Cognitive Science Research Initiative.