

Curriculum Vitae

Name: Dr S. Elango B.E., M.Tech., Ph.D.

Position: Associate Professor in Computer Science

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Experience: Teaching Under-Graduate Course in Computer Science (from June 1989 to till date) and taught M.C.A for five years

Date of Birth: 8th October 1967

Educational Qualifications:

Degree	Subject	University	Year	Class
Bachelor of Engineering (DOTE)	Electronics and Communication Engineering.	Madurai Kamaraj University, Madurai	1988	First
Master of Technology (UGC-DEC)	Computer Science and Engineering.	AAIDU, Allahabad	2006	First
Ph. D (UGC)	Computer Science	Madurai Kamaraj University, Madurai	2014	Degree Awarded

Ph.D. Work: Carried out research work on “A Study on Wireless Sensor Network Deployment in Home Automation and In-home Healthcare” (2008-2013) in the field of Computer Science.

Field of Specialization: *Computer Networks & Network Security / Microcontrollers & Embedded Systems*

Publications:

1. S. Elango, N. Mathivanan and K. Arun Venkatesh, K. Vairamani, C. Karunakaran, T. Madasamy, M. Pandiaraj, Deployment of wireless sensor network for the measurement of exhaled nitric oxide in-home healthcare, *Sensors and transducers*, 142 (2012) 87-94.
2. S. Elango, N. Mathivanan and K. Arun Venkatesh, Design and deployment of wireless sensor network for In-home healthcare application using LabVIEW, *Journal of the Instrumentation Society of India*, 41 (2011) 233-236.
3. S. Elango, N. Mathivanan and P.K. Gupta, RSSI based indoor position monitoring using WSN in a home automation application, *Acta Electrotechnica et Informatica*, 11 (2011) 14-19.
4. S. Elango, N. Mathivanan and Pankaj Kumar Gupta, Design and deployment of a low cost wireless sensor network for environmental monitoring in a home automation application, *Journal of the Instrumentation Society of India*, 41 (2011) 115-117.
5. S. Elango and N. Mathivanan, Study of middleware usage in USB based Home Network Automation under java enabled environment, *Journal of the Instrumentation Society of India*, 40 (2010) 131-132.

Membership in Professional Society: IETE Member No: M-234498

Grants received for Projects & Workshops:

S.No	Role	Funding Agency	Title of the Project and Reference Number	Duration	Amount
1	Served as Co-Investigator	UGC-SERO	National level workshop on Micro-Controllers and Embedded systems (<i>F-SEM/1372/09</i>)	3 rd and 4 th July, 2009	85000.00
2	Served as Co-Investigator	DRDO-ER&IPR	Electrochemical Immunosensor Assay for Cytochrome C as Biomarker of Apoptosis (<i>ERIP/ER/1104603/M/01/1400</i>)	2012-2014 Completed	9.78 lacs
3	Served as Co-Investigator	DRDO-DIPAS	Design and development of microcontroller based hand-held biosensor device for the measurement of nitric oxide metabolites. (<i>TC/370/Task-191(CK)/DIPAS/201</i>)	2013-2014 Completed	9.90 lacs