

FACULTY PROFILE

1. Name : **S.KALAISELVI**
2. Present Post / Dept. : **ASSISTANT PROFESSOR
(Sr. Grade)
Department of CSE
National Engineering College
Kovilpatti**
3. Date of joining in the college : **01.06.2009**



4. Educational Qualification

<i>Educational Qualification</i>	<i>Branch</i>	<i>Name of the Institution/University</i>	<i>Yr. of Passing</i>	<i>% of Marks</i>	<i>Class/ Division</i>
M.C.A	M.C.A	MK University	2004	78	First
M.E.	CSE	National Engineering College / Anna University	2009	83	First
Ph.D	ICE	Pursuing in Anna University			

5. No. of years of Experience in: **i. NEC : 11 years 12 days ii. Other Colleges : 1 Y 10 M**

Designation	Institution/ Organization	Period
Assistant Professor(SG)	National Engineering College, Kovilpatti	01.08.2016 to till date
Assistant Professor		01.11.2011 to 31.07.2016
Lecturer		01.06.2009 to 31.10.2011
Lecturer	Arasan Ganesan Polytechnic College, Sivakasi	June 2006-May 2007
Lecturer	Aditanar Arts and Science College, Tiruchendur	Sep 2004-May 2005

6. No. of Papers Presented in Conference/Seminar

- a) *International Conference:* **12** b) *National Conference:* **6**

International Conference Publications

S.No	Title of the Paper	Name of the Conference	Organizer	Month & Year
1	Blood Pressure Monitoring System During Pregnancy	ICCET'19	Prince Sri Venkatewara Padmavathy Engineering College	09.03.2019
2	Kernel Based FCM for Change Detection in Multitemporal Remote Sensing Images	ICCCI' 16	Alagappa Chettiar College of Engineering, Karaikudi	06.10.2016
3	Classification of Landuse	ICIIECS' 16	Karpagam College	17 th & 18 th

	Images using Deep Learning Networks		of Engineering, Coimbatore	March 2016
4	Land use Land cover Classification of remotely sensed data using Object Based Segmentation.	ICIECS'15	Karpagam College of Engineering, Coimbatore	15.03.2015
5	Change Detection from Remotely Sensed Images using Fuzzy Distance Measure	ICCTRD'15	SCAD College of Engineering, Tirunelveli	12.02.2015
6	Urban post conflict change classification performance using optimal wavelet features in Self organizing feature map	ICRTIT'14	Madras Institute of Technology, Chennai	April 2014
7	An Efficient Method for Crowd Event Recognition based on Motion Patterns	ICRTIT'14	Madras Institute of Technology, Chennai	April 2014
8	Unsupervised Monitoring of Urban Land use and Land cover change detection in Multi temporal images	ICECS'14	Karpagam College of Engineering, Coimbatore	13 & 14 February 2014
9	A Registration Technique for Medical Images using Fuzzy SIFT Matching	ICIECS'14	Karpagam College of Engineering, Coimbatore	13 & 14 March 2014
10	Unsupervised Change Detection of Tumor in Medical Images	BSSI'12	IIT Chennai	29.11.2012
11	Unsupervised Change detection using UDWT and neural networks	ICACC'12	Teja Sakthi Institute of Technology for Women, Coimbatore	9 th & 10 th January 2012
12	Multi-view based Human Activity Recognition using discrete hidden markov models	ICONCT '09	Mepco Engineering College, Sivakasi	9 th December 2009

National Conference Publications

S.No	Title of the Paper	Name of the Conference	Organizer	Month & Year
1	Land use Land cover Classification of remotely sensed data using Multi-Scale Segmentation.	NCACM'15	Anna university, Coimbatore Region	March 2,3 2015
2	An Efficient Crowd Behavior Recognition using Motion Patterns for Intelligent Video Surveillance	ETCCT '14	Coimbatore Institute of Technology, Coimbatore	03.03.2014 & 04.03.2014
3	Fuzzy rule based classification of multispectral images using SOM	VISION'13	Government College of Engineering, Tirunelveli	March 2013
4	Clustering Based	VISION'13	Government College	March 2013

	Registraion of Remotely Sensed Data		of Engineering, Tirunelveli	
5	Unsupervised Change Detection in Multitemporal satellite images using Undecimated Discrete Wavelet Transform	NLC IPC'11	PSG College of Technology and PSG Ploytechnic, Coimbatore	17 th & 18 th November 2011
6	Spatial Transform Invariant Human Activity Recognition	MEPCOIT'09	Mepco Engineering College, Sivakasi	13 th March 2009

7. No. of Publications in Journals

(a): *International Journals: 1*

(b): *National Journals :-*

S.No	Title of the Paper	Name of the Journal	Vol.No & Page No.	Month & Year
1	Change Detection from Remotely Sensed Images using Fuzzy Distance Measure	International Journal of Advanced Research in Science and Engineering (ISSN – 2319-8354)	Vol.4, No.2	March 2015

8. FDP / Seminars Attended :

S.No	Title	Period	Venue
1	C++ for C programmers	May 2020	Coursera Course
2	Data science using Python	May 2020	Coursera Course
3	Python Django Web Development :To Do App	Apr 2020	Udemy Course
4	Introduction to Python Programming	01.08.2019 to 03.08.2019	National Engineering College, Kovilpatti
5	Industry Know How Program on Machine Learning	18.03.2019 to 22.03.2019	Vyakya Technologies, Chennai
6	Deep Learning - AI	11.08.2018 to 13.08.2018	KLE Technological University, Hubli
7	NPTEL – Deep Learning	July – October 2018	National Engineering College, Kovilpatti
8	GIAN course on Advance level course on Remote Sensing Image Processing and Analysis	16.11.2017 - 20.11.2017	NITK Surathkal, Mangalore
9	Deep Learning	29.07.2017	Mepco Schlenk Engineering College, Sivakasi
10	Technology enabled Teaching learning process	27.05.2017 - 29.05.2017	National Engineering College, Kovilpatti
11	NPTEL - Programming, Data structures and Algorithms using Python	Jan - Mar 2017	National Engineering College, Kovilpatti
12	Infosys - UI Technologies	29.03.2017 - 31.03.2017	K.S.R.College of Engineering, Tiruchengode
13	Tech Mahindra- FDP	14.02.2017 - 16.02.2017	Tech Mahindra Ltd. Chennai
14	Infosys - Foundation Program 5.0	26.12.2016 - 30.12.2016	Infosys Ltd. Chennai
15	Recent Trends in Optimization Techniques and its Applications	05.12.2016 - 06.12.2016	Mepco Schlenk Engineering College, Sivakasi

16	Bhuvan Overview Training	22.03.2016 - 23.03.2016	National Remote Sensing Centre, Hyderabad
17	Train the Trainers on Python Programming	18.05.2015 - 20.05.2015	Saveetha Engineering College, Chennai
18	Research Methodology	15.12.2014	Anna University, Chennai
19	Data base Management System	04.12.2013 - 10.12.2013	Anna University, Tirunelveli Region
20	Research: A Perspective	30.11.2012 - 01.12.2012	National Engineering College, Kovilpatti
21	Recent Trends and Research Issues in Semantic Based Image Analysis	10.10.2012 – 11.10.2012	Mepco Schelenk Engineering College, Sivaksi
22	Soft computing techniques using Matlab	16.03.2012	Dr.G.U.Pope Engineering College, Sawyerpuram
23	Prospective issues and methodologies in Human Machine Interaction	17.05.2010- 21.05.2010	National Engineering College, Kovilpatti
24	Soft Computing and Mathematical Modeling	15.02.2010- 20.02.2010	Gandhigram Rural University, Dindigul
25	Research Issues and Challenge on Image Processing towards Remote Sensing	04.12.2009 - 05.12.2009	National Engineering College, Kovilpatti
26	DB2 Technologies	19.11.2009 - 21.11.2009	National Engineering College, Kovilpatti

Workshop/ Seminar Organized

S.No	Title	Venue	Date
1	Infosys Seminar- Overview of Python	National Engineering College	12.09.2019
2	Infosys Seminar – Industry Perspectives	National Engineering College	10.09.2019
3	Insights into Machine Learning and Deep Learning Approaches	National Engineering College	19.07.2019 to 20.07.2019
4	AICTE Approved workshop on “AI & Deep Learning”, technically sponsored by Bennett University, Noida	National Engineering College	28.12.2018 to 30.12.2018
5	Infosys - Seminar on Artificial Intelligence	National Engineering College	12.12.2017
6	Infosys - Seminar on Software Testing	National Engineering College	27.09.2017
7	Infosys- Train the Trainers Workshop for FA2 - DBMS	National Engineering College	02.11.2015 to 04.11.2015
8	Matlab Applications for Engineering	National Engineering College	22.08.2014 to 23.08.2014
9	Hands on training in Matlab	National Engineering College	23.08.2013 to 24.08.2013 and 30.08.2013 to 31.08.2013

10	Advancements In Image Processing Towards Research	National Engineering College	16-03-2013
11	Exploring Matlab	National Engineering College	20.10.2012
12	Insight into Matlab	National Engineering College	16.09.2012

Guest Lecture Delivered

- "Insights into Machine Learning and Deep Learning Approaches", on 19.07.2019 at National Engineering College, Kovilpatti
- "Hands on training in the applications of Image processing using Fuzzy Logic" on 12.02.2019 at National Engineering College, Kovilpatti
- "Hands on workshop on Digital Image Processing using MATLAB" on 15.09.2015 at National Engineering College, Kovilpatti
- "Matlab Applications for Engineering" on 22.08.2014 to 23.08.2014 at National Engineering College, Kovilpatti
- "Hands on training in Matlab" on 23.08.2013 to 24.08.2013 and 30.08.2013 to 31.08.2013 at National Engineering College, Kovilpatti
- "Exploring Matlab" on 20.10.2012 at National Engineering College, Kovilpatti
- "Insight into Matlab" on 16.09.2012 at National Engineering College, Kovilpatti
- "Machine Learning using python" on 31.01.2020 & 01.02.2020 at National Engineering College, Kovilpatti.