



MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING
ISO 9001:2008 CERTIFIED INSTITUTION
(Approved by AICTE, NEW Delhi and affiliated to Anna University, Chennai)
34, Old Mahabalipuram Road SIPCOT – IT Highway
Chennai – 603 103.



FACULTY DATA SHEET

FACULTY NAME : Dr.E.Dhiravidachelvi

DESIGNATION : Professor

DEPARTMENT : ECE

DATE OF BIRTH & AGE : 24/04/1975 & 43

AADHAR NUMBER : 724467222305

PAN NUMBER : AQPPD4756P

PASSPORT NUMBER :-

ADDRESS FOR COMMUNICATION : 3/134, AG1 Opal Homes, First cross Road,
Perumbakam, Chennai -100

AREA OF INTEREST : Digital Image Processing, Electromagnetic
fields, Antennas, Microwave Engg , Satellite communication.

CONTACT NUMBER (OFFICE) :9442046457, 8825774054 Extn:



EDUCATIONAL QUALIFICATION:

Category	Name of the Degree	Specialization	Year of Passing	Name of the University
UG	BE	ECE	1996	Manonmaniam sundaranar
PG	ME	Communication systems	1998	Madurai Kamarajar
Ph.D.	Ph.D	Medical Image Processing	2017	Sathyabama

ACADEMIC/INDUSTRIAL EXPERIENCE:

Name of the Organization	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Mohamed Sathak A.J .College Of Engineering	Professor	Teaching	23/06/2008	Till Date	10	08	23
St.Micheal Institute Of Technology	Assistant Professor		03/06/2007	30/04/2008		10	
Mohamed Sathak Engineering College	Lecturer		05/05/1999	30/04/2007	07	11	25
Total					19	06	18

PUBLICATION DETAILS:

S.No	INTERNATIONAL/NATIONAL JOURNAL	PAPER TITLE
1	IEEE Access on 18.09.18 :DOI 10.1109/ACCESS.2018.2874026, (SCI)	An Efficient Optimal Key Based Chaos Function For Medical Image Security
2	Journal of Emerging Technologies and Innovative Research on June 2018, Volume 5, Issue 6 (ISSN-2349-5162)	Portable Heart Disease Detector
3	Bio medical research Journal, 2017, S336-S343, ISSN 0970-938X (SCI)	Identification Of Hard Exudates In Retinal Images
4	Journal of medical imaging and health informatics, Vol. 6, No.8,1906-1912, 2016 (SCI)	Speedy Location Of The Optic Disc In Retinal Images
5	International Journal of Pure and Applied Mathematics, Volume 117, No .15, Page 1021-1029 (Scopus),2017	Characteristic Analysis Of Hard Exudates In Retinal Images
6	Journal of pharmaceutical science and	Automatic Detection Of Micro Aneurysm

	research, Vol. 9(1), 2017, 74-80,ISSN No:0975-1459(SCOPUS)	In Retinal Images
7	World Journal of Engineering Research and Technology , Vol 3, Issue 5, page no, 274-283.	Hard Exudate Detection In Retinal Images Using Statistical Parameters
8	Advanced Intelligence Paradigm in machine vision, image processing and pattern analysis. (waiting for publication)(SCOPUS)	GLCM Based Detection And Classification Of Micro Aneurysm In Diabetic Retinopathy Fundus Images
9	AHS Journal Of Advances in ECE(JAECE) , Vol 4, Issue 2, page no, 65.	Red Lesion Detection Using Dynamic Shape Features For Retinal Images
10	Journal of Computer science , 11(1): 262- 268,2015,ISSN 1549-3636 (SCOPUS)	A Novel Approach For Diagnosing Diabetic Retinopathy In fundus Images
11	International journal of Applied engineering Research , ISSN 0973-4562, Volume 9,number 22 (2014)pp. 13465-13474 . (SCOPUS)	Analysis Of Retinopathy Images By Examining Blood Vessels
12	International Journal of Engineering Science and advanced Technology , ISSN 2250-3676, Volume-3 issue-3, page 183-187.	A Survey On Anatomical Structures: In Fundus Retinal Images
13	International Journal of Engineering Research and Technology , ISSN 2278-0181,Vol 3,issue 4,April 2014,pages 79-85	A Review On The Abnormalities Of Diabetic Retinal Images

S.No	INTERNATIONAL/NATIONAL CONFERENCE	PAPER TITLE
1	National Conference On Innovative Trends In Engineering in Engineering & Technology (NCITET 18) on 7 th March 2018.	Portable Heart Disease Detector
2	International Conference on Emerging Trends in Information and Communication Technologies, Sethu Institute of technology ,Kariapatti,4 th April,2017.	Bright lesion detection using dynamic shape features for diabetic retinopathy screening
5	The Proceedings of the National Level Conference on Nascent Technologies in Biomedical ,Electrical , Electronics and Communication (NT BEECOM'17) , Vel Tech Multi Tech Dr.Rangarajan Dr. Sakunthala Engineering College, Chennai.21 th January 2017. Pp. 37-37.	Search analysis for hard exudate detection in retinal images
6	IEEE International Conference on Circuits, Power and Computing Technologies (ICCPCT 2014), Noorul Islam University, Nagerkovil ,978-1-4799-2395-3/14/\$31.00,2014 IEEE	Computerized detection o optic disc in diabetic retinal images using background subtraction model
7	Proceedings of the 2 nd International Conference on Smart Technologies for Materials, Communication, Controls, and Computing & Energy – ICST 2013 dated 3-5 January 2013, Veltech Technical University.	Automatic classification of exudates in diabetic retinopathy through fundus images
8	The National Conference on Recent Trends in Electronics and communication (NCRTECE 2014)organized by SMK Fomra institute of technology on 21st march.	Blood vessel extraction in diabetic retinopathy images
9	The national conference on Emerging Trends and Technology in computer science at shriAndal Alagar college Of Engineering ,Mamandur	Detection of soft exudates in diabetic retinal images

10	National conference on communication & informatics (NCCI 2012), April 04, 2012, at Shree Motilal kanhayalal Fomra institute of Technology	Automated feature extraction of diabetic retinopathy in fundus images by morphological operations”,
11	National Conference on Emerging Trends in Instrumentation and Communication technology, 16 th and 17 th march 2006.	Color Clustering and learning for image Segmentation based on Neural networks
12	National Conference on Emerging Trends in Instrumentation and Communication technology, 16 th and 17 th march 2006	A New protocol for Efficient Key Management in Secure group communications”,
13	National Conference on recent trends in communication techniques, 8 th and 9 th , 2006 at Noorul Islam college of Engineering	VLSI Implementation of excisor for global Positioning Receiver system
14	National Conference on recent trends in communication techniques, 8 th and 9 th , 2006 at Noorul Islam college of Engineering	VLSI implementation for 1-D Multilevel Lifting Based wavelet Transform

RESEARCH GRANT / CONSULTANCY (Sanctioned/Ongoing)

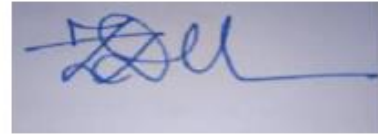
S.No	Agency	Grant/Consultancy Details
1	Tamilnadu State Council For Technology & National Council for Science & Technology Communication, sponsored	one day National Seminar on Radar Navigation and Antenna Applications ,on 31.07.2017 at MSAJCE – Rs: 15000

Any Other information:

- Innovative & Dedicative Teaching Professional Award for the field of Science , Engineering and Technology & Management Applications, society of engineers & Technicians , Kuala Lumpur, Malaysia, 2017

- Reviewer of
 1. Inderscience Publishers (Scopus journal)
 2. International Journal of Biomedical Engineering and Technology (IJBET)
 3. Journal of Ambient Intelligence and Humanized Computing (AIHC)
 4. International Journal of Smart Electronics and Government Application (Special Issue)
- Published a Monograph on Fundamentals Of Electrical Measuring Instruments
- Special guest in Namvirundhinar program in Podhigai TV on 19-06-16 and 16-07-17
- Organized IETE Students Member Association-2017
- Women Empowerment Coordinator, Mohamed Sathak A.J college of Engineering, Chennai, 2010 – 2015

It is certified that all the information provided are true to the best of my knowledge.

A handwritten signature in blue ink, appearing to be 'S. Sathak', written on a light-colored background.

Signature of the Faculty