

## D MUGILAN

### PERSONAL DETAILS:

Date of Birth : 25.05.1984  
Fathers Name : K. Dharmalingam  
Gender : Male  
Nationality : Indian  
Linguistic proficiency : Tamil, English.

### SUMMER / WINTER SCHOOLS / OTHER COURSES ATTENDED:

S.NO	INSTITUTION	COURSE TITLE	FROM	TO
1.	Kongu Engineering College, Perundurai	Creating a Successful Start-up Ecosystem	02.02.2023	04.02.2023
2.	UGC and AICTE Online	FDP - UHV	19.12.2022	23.12.2022
3.	ATAL – AVIT, Chennai	Wearable Technologies in Healthcare	05.09.2022	16.09.2022
4.	AICETE Innovation Cell	Innovation Ambassador Training - Advanced	30.06.2021	30.07.2021
5.	ATAL- Maulana Abul Kalam Azad	Application of Artificial Intelligence on Geospatial Data	26.07.2021	30.07.2021
6.	Panimalar Engineering College, Chennai	Data Science Industry Trends	22.06.2020	26.06.2020
7.	PSR Engineering College, Virudhunagar	Deep Neural networks and Expert Systems	25.05.2020	29.05.2020
8.	Panimalar Institute of Technology, Chennai	Principles of Management	18.05.2020	22.02.2020
9.	St Josephs College of Engineering, Chennai	Evolving Trends in Communication and Networking	06.07.2020	10.07.2020
10.	ATAL - IIIT, Madras	Artificial Intelligence	04.12.2019	08.12.2019
11.	IIRS outreach programmes	Hyperspectral remote sensing and its applications	19.02.2018	14.03.2018
12.	Amrita University, Coimbatore	National workshop on computer vision and image processing	30-03-17	01-04-17

S.NO	INSTITUTION	COURSE TITLE	FROM	TO
		techniques		
13.	K.S.Rangasamy College of Technology, Tiruchengode	Faculty Development Programme on Engineering challenges for smart and digital India: Internet of Things and Applications	20-11-17	01-12-17
14.	Kongu Engineering College, Perundurai	National Seminar on Evolutionary Humanoid Robotics	30-10-15	31-10-15
15.	National Institute of Technology, Trichy	Workshop on Video Analytics	27-11-15	28-11-15
16.	K.S.Rangasamy College of Technology, Tiruchengode	TWO - WEEK ISTE Short Term Training Programme (STTP) on Pedagogy for Effective use of ICT in Engineering Education	02-01-15	21-01-15
17.	KSR Institute for Engineering and Technology, Tiruchengode	Faculty Empowerment Workshop on Electron Devices	02-12-14	06-12-14
18.	KSR Institute for Engineering and Technology, Tiruchengode	Faculty Empowerment Workshop on Microprocessors and Microcontrollers	01-08-14	02-08-14
			22-08-14	24-08-14
19.	K.S.Rangasamy College of Technology, Tiruchengode	Staff development programme on 'Recent Advances in Pattern Recognition – Artificial Intelligent Models and Analysis in Biometrics'	25-03-13	06-04-13
20.	K.S.Rangasamy College of Technology, Tiruchengode	International conference on nanomaterial and nanotechnology	21-11-12	25-11-12
21.	K.S.Rangasamy College of Technology, Tiruchengode	Staff development programme on 'Pattern Recognition for medicine: A Knowledge Approach'	20-07-11	01 07-11
22.	K.S.Rangasamy College of Technology,	International conference on nanomaterials and nanotechnology	13-12-10	16-12-10

S.NO	INSTITUTION	COURSE TITLE	FROM	TO
	Tiruchengode			
23.	Kongu engineering college, Perundurai	Hands on training programme on Computational Tools for Engineering Applications	28-01-10	29-01-10
24.	Kongu Engineering College, Perundurai	Workshop on Microsystem Design and Manufacturing Using Intellisuite 8.2	27-05-09	28-05-09

### PUBLICATIONS:

1. **Mugilan D**, Kumar P, 'Vegetation Analysis using Landsat 8 based Estimates: Case Study of a Vaniyar Dam Irrigation Basin, Pappireddipatti, Dharmapuri, Tamilnadu, India, Journal of Environmental Protection and Ecology (Anna University, Annexure I) (Accepted, and it will be available online at March 2023)
2. **Mugilan D**, Dhanuj S, Dharanya C and Hariharan C, 'A Smart Controlled Environment Based Green House Management System', International Journal of Applied Science and Engineering, 2022.
3. **Mugilan D**, Elavaran and Guhan, 'Artificial Intelligence based Home Automation', International Conference on Recent Advances in Engineering and Technology, February 2019.
4. Ragul Priya and **Mugilan D**, 'Spybot', International conference on Engineering and Advancement in Technology, March 2018.
5. Priyanka G, Sangeetha M and **Mugilan D**, 'Voice Controlled Home Appliances Using Embedded System', International Journal of Emerging Technology in Computer Science and Electronics, Vol. 30, Issue 6, 2017.
6. Arunkumar V, Asma and **Mugilan D**, 'Vehicle License plate detection using Image Processing, National conference on Recent Advancement and Effectual Researches in Electrical Engineering, March 2017.
7. Gowthaman T V and **Mugilan D**, 'Elastic Buffer for Virtual Channels in Heterogeneous Switching Network on Chip', IEEE International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), pp. 2100-2102, March 2016.

8. Mukesh S and **Mugilan D**, 'Usability and Interoperability system for patient Telemonitoring using Arduino Technology', International Journal of Applied Engineering Research, pp. 29107- 29110, Vol. 10 No.38 ,2015, ISSN 0973-4562
9. Mukesh M and **Mugilan D**, 'Usability and Interoperability System for Patient Telemonitoring using Arduino Technology', Proceedings of International Conference on Advances in Computing, Control, Communication, Automation and Structural Engineering, 2015
10. Minu Mathew and **Mugilan D**, 'Reconfigurable Router Design for Network – On – Chip', Proceedings of International Conference on Circuit, Power and Computing Technologies, 2014
11. Minu Mathew and **D Mugilan**, 'A Router Architecture in Network-On-Chip for efficient packet transmission', National Conference on New trends in electronics, computing and communication, 2014
12. Minu Mathew and **D Mugilan**, 'Modified Reconfigurable Router Architecture for Network On Chip', International Journal of Modern Trends in Engineering and Science, pp. 8-12, Vol. 1, 2014 (ISSN: 2348-3121)
13. Pratheeverajan P and **Mugilan D**, 'Testing methodology of minimizing N-Detect test set for sequence set for sequential circuits', International Conference on Advanced Computing, Machines and Embedded Technology, March 2013, ISBN 978-93-80757-74-2.
14. Mythili R and **Mugilan D**, 'Optimization of task scheduling and memory partitioning for multiprocessor System on Chip', International Journal of Computer Trends and Technology, Vol. 4, Issue 5, May 2013, ISSN 2231-2803.
15. Kumuthini Angel and **Mugilan D**, 'Intraframe Encoder with high performance and reduced Power for high resolution video', International Journal of VLSI and Signal Processing Applications, Vol. 2, Issue 2, pp. 131-137, 2012 (ISSN:2231-3133)
16. **D Mugilan**, Kumuthini angel, "HD video encoder with high performance and reduced power", international conference on advances in electrical and electronics, information, communication and bioinformatics, Prathyusha institute of technology and management, 24th Jan2012.

17. **D Mugilan**, Mohamed Mustafa, “Morphological background detection and enhancement of images with poor lighting” in NCVCC 10 Maharaja engineering college on 12<sup>th</sup> march 2010.
18. **D Mugilan**, G Murugesan, “Optimization of buffer size in micro mobile MPLS”, optimization techniques in engineering sciences and technologies during 27-28 March 2009.