

Profile

**Dr. D. Murugan, ME., Ph.D.,
Professor.**



1. General Information:

Name (In Capital Letters)	Dr. D. Murugan
Date of Birth (Day/Month/Year)	05/04/1967
Correspondence Address	Professor Department of Computer Science and Engineering Manonmaniam Sundaranar University Tirunelveli, Tamil Nadu-627 012
Phone No.	Mobile No.: 9443652744 Landline No.: 0462 2986744
Email	dhanushkodim@yahoo.com dmurugan@msuniv.ac.in

2. Present Position:

a. Designation	Professor
b. Organization	Manonmaniam Sundaranar University
c. Pay Scale	2,05,600
d. Date of appointment to the present post	01/10/2013 onwards Professor
e. Total Experience (In Years and Months)	Total: 32 years Professor: 11 years, 2 months upto2024

3. Details of Experience:

S. No.	Post held	Pay Scale	Organization	Nature of duties	Experience (In Years and Months)
1	Professor	2,05,600	Manonmaniam Sundaranar University	Teaching and Research	11 years, 2 months
2	Associate Professor		Manonmaniam Sundaranar University	Teaching and Research	3 years
3	Assistant Professor		Manonmaniam Sundaranar University	Teaching and Research	13 years

4. Educational Qualification:

S.No.	Qualification	University	Year	Subject(s) /Topic(s)	% Achieved
1	Ph.D.	Manonmaniam Sundaranar University	2010	Computer Science and Engineering	--
2	ME	Manonmaniam Sundaranar University	1997	Computer Science and Engineering	69.3
3	BE	Manonmaniam Sundaranar University	1988	Electronic and Communication	58.7

5. Administrative Experience / Post(s) & Responsibilities Held:

S.No.	Post	Organization/ University	Duration		Experience (In Years and Months)
			From	To	
1.	Syndicate Member	Manonmaniam Sundaranar University	2008	2011	3 years
2.	Head of the Department	HOD, Department of Computer Science and Engineering	03/06/2018 01/07/2024	31/06/2021 30/09/2024	3 years 3 months

3.	Member, Board of Studies	Member -PG Board of Studies- MS University	1997	Till	
		Doctoral Committee Member – Anna University	2010	Till date	
		Convener –Viva voce- Karpagam University	2010	2022	
		Observer-PhD- Viva Voce- MS University	2011	Till date	
		Member- Principal Selection Board			
		Member-FX Engineering College	2015	Till date	
5.	Member of Academic Council	Senate Member of Manonmaniam Sundaranar University	Dec 2008	Dec 2011	3 years
		Member of SCAA	2018	December 2011	3 years
6.	Member of Professional/ Academic Bodies	Inspection Commission Member for Affiliated Colleges of Manonmaniam Sundaranar University.	2008	Till date	
		Principal and Faculty selection committee member for various college	2008	Till date	
		Question Paper Setter: 1.Bharathidasan University	2010	2021	
		2. Mother Theresa Women’s University, Kodaikanal	2008	2021	
		3. University of Kerala	2013	2021	
		Doctoral Committee Member-VV College of Engineering	2013	2022	9
		Doctoral Committee Member- Ponjesly College of Engineering		2022	9

		Doctoral Committee Member- Anna University Chennai	2013	Till date	
		Doctoral Committee Member - - Government Engineering College Tiruunelveli	2015	Till date	
		Doctoral Committee Member - Francis Xavier College Tirunelveli	2015	Till date	
		Doctoral Committee Member -National Engineering College Kovilpatti	2015	2022	7
		Doctoral Committee Member - Government Arts College, Coimbatore	2016	Till date	
		Doctoral Committee Member - Karpagam University	2015	2022	7
		Doctoral committee Member - NoorulIslam university	2017	Till date	
		Doctoral Committee Member – Kalasalingam University	2018	Till date	

6. Academic / Teaching Experience & Responsibilities:

S. No.	Post	Organization /University	Duration		Experience (In Years and Months)
			From (Date)	To (Date)	
1	Professor	Manonmaniam Sundaranar University	21-10-2-13	Till date	11 years, 2 months
2	Associate Professor	Manonmaniam Sundaranar University	20-10-2010	20-10-2013	3 years
3	Assistant Professor	Manonmaniam Sundaranar University	01-10-1997	19-10-2010	13 years

(b) Important MoUs Formulated for Academic Collaborations:

S. No.	MoUs formulated	Name of Agencies/Departments involved	Year of MoU
1	Coordinator STPI Incubation center, Manonmaniam Sundaranar University Campus	Software development Incubation	June 2016
2	Amazon Web Services	MOU signed with ICTACT	2020

(c) Position of Chairs:

S.No.	Name of Chair	Name of Agencies / Departments involved	Period of holding the Chair
1	First International conference on Computer Science, Engineering and Information Technology	Manonmaniam Sundaranar University	23-09-2011 to 25-09-2011
2	First International Conference on Digital Image Processing and Pattern Recognition	Manonmaniam Sundaranar University	23-09-2011 to 25-09-2011
3	First International Conference on Parallel, Distributed Computing Technologies and Applications	Manonmaniam Sundaranar University	23-09-2011 to 25-09-2011
4	UGC sponsored two days workshops on Advanced Concepts in Network Simulation	Manonmaniam Sundaranar University, Tirunelveli	01-03-2012
5	UGC sponsored two days seminar on Advanced Concepts in Wireless Networks	Manonmaniam Sundaranar University	3-05-2013 to 4-05-2013
6	TEQIP PHASE II Sponsored One Week Faculty Development Programme Recent Trends in Computer Science & Engineering”	Manonmaniam Sundaranar University	10-09-2013 to 16-09-2013
7	TEQIP Sponsored “One Week Faculty Development Programme on Cloud Infrastructure Services for the Faculty Members of Engineering and Arts & Science Colleges” on jointly organized by ICTACT	Manonmaniam Sundaranar University	23-03-2015 to 29-03-2015

8	TEQIP sponsored one Day Seminar on “Software Quality Management” on	Manonmaniam Sundaranar University	16 -07-2015
9	TEQIP sponsored two days seminar on “Space Science & Remote Sensing”	Manonmaniam Sundaranar University	17-08-2016 to 18-08-2016
10	TEQIP Sponsored two days invited lecture programme on “Advanced Concepts in Data Structures and algorithms”, on November	Manonmaniam Sundaranar University	03-11-2016 to 04-11-2016

7. International Academic Exposure

S.No.	Post/ Assignment	Organization/ University	Area of Assignment	In Years & Months
1	Singapore	Nanyang University	Academic Work	2007
2	Malaysia	Organization	Paper Presentation	June 2012
3	Dubai	Education Stall	University Representative	2016

8. a. Contribution to Journals and Books:

	Details		
	Title	ISBN	Publisher
Books Authored	Advances in Parallel, Distributed Computing	ISBN :3642240364, 9783642240362	Springer International Publication
	Trends in Computer Science, Engineering and Information Technology	, ISBN: 978-3-642-24043-0	Springer International Publication
	Advances in Digital Image Processing and Information Technology	978-3-642-24055-3	Springer International Publication
	Deep Learning in Medical Image Analysis Recent Advances and Future Trends		CBC Press
Editor in Chief	<p>1. Editor in Chief- International Journal of Computer Science, Engineering and Information Technology, AIRCC. ISSN: 2231-3117</p> <p>2. Editor in Chief: International Journal on Computing Technology. ISSN: 0976-5956</p>		

Editorships	<p>Editor- Advances in Parallel, Distribute Computing, Springer, ISBN: 978-3-642-24036-2</p> <p>Editor- Trends in Computer Science, Engineering and Information Technology. Springer, ISBN: 978-3-642-24043-0</p> <p>Editor- Digital Image Processing and Information Technology. Springer: 978-3-642-24055-3</p>
Peer Reviewer for	<p>Reviewer: Optoelectronics and Advanced Materials - Rapid Communications Journal</p> <p>Reviewer: Journal of Internet Technology</p>

b. Publication:

Total Publications: More than 100 Publications

S.No	Date	Title	Name of Journal	Refereed Journal or not
1	2023	PaddyNet: An Improved Deep Convolutional Neural Network for Automated Disease Identification on Visual Paddy Leaf Images	International Journal of Advanced Computer Science and Application	Scopus + Web of Science
2	2022	COVIDnet: An Efficient Deep Learning Model for COVID-19 Diagnosis on Chest CT Images	International Journal of Advanced Computer Science and Application	Scopus + Web of Science
3	10-06-2021	DISEASES DETECTION AND CLASSIFICATION OF AFFECTED PART OF PLANT LEAVES	Journal of Global Agriculture and Ecology	SCOPUS
4	11-2020	Patient Specific Brain Tumor Segmentation using Context Sensitive Feature Extraction in MRI Images	International Journal of Computing and Digital Systems	SCOPUS
5	06-2019	Face recognition using deep neural network across variations in pose and illumination	Int. J. Recent Technol. Eng	
6	06-2020	Inner interruption discovery and defense system by using data mining	Journal of King Saud University-Computer and Information Sciences	SCOPUS
7	2019	Adaptive multi-threshold based de-noising filter for medical image applications	International Journal of Computational Vision and Robotics	SCOPUS

c. Participation and Scholarly Presentations in Conferences

Total Conference Papers: More than 40 papers

S.No	Date	Title of Conference or Institution	Title / Subject of Presentation (if made)
1.	23-08-2023 to 25 – 08-2023	2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS) (IEEE)	Segmentation and Classification of 3D Lung Tumor Diagnoses Using Convolutional Neural Networks
2.	04-01-2023 to 07-01-2023	6th Joint International Conference on Data Science & Management of Data (10th ACM IKDD CODS and 28th COMAD) (ACM)	Paddy Doctor: A Visual Image Dataset for Automated Paddy Disease Classification and Benchmarking
3.	10-05-2022	Proceedings of International Conference on Communication and Artificial Intelligence ICCAI 2021 (Springer)	A Research Study on Brain Tumor Detection Techniques
4.	14-12-2018 to 15-12-2018	4th International Conference on Computing Communication and Automation (ICCCA) (IEEE)	Performance Analysis of the Bio-inspired Algorithm with Adaptive Recursive Denoising
5.	14-12-2018 to 15-12-2018	4th International Conference on Computing Communication and Automation (ICCCA) (IEEE)	Performance Study on Brain Tumor Segmentation Techniques

d. Participation and Contribution in National/International for a in the Area of Your Academic and Professional Expertise

		Number(s)
Plenary Lectures / Invited Talks	International	2
	National	10
Congresses attended	International	
	National	
Examiner ship etc.	International	
	National	110
Others (Specify)	International	
	National	

9. Sponsored Research Projects

S. No.	Title of Project	Sponsor Name	Duration of the project	Amount of Grant (Rupees)	PI / Co-PI
1.	Face Recognition based drivers alert system	UGC Major Project	3 years	11,27,800	PI
2.	Identification of the objects & signals in rail and alerts the loco pilot	DST-SERB	2 years	12,00,000	PI
3.	TEQIP	MHRD	5 years	4 crores	PI

10. Honors /Awards & Fellowships for Outstanding Work:

S. No.	Name of Award / Fellowship etc.	Elected/Honorary Fellow	Awarded by	Year of Award
1	Staff Completed 25 years distinguished Services award	Dr. D. MURUGAN	Manonmaniam Sundaranar University	2021
2	ROTARY CLUB AWARD	Dr. D. MURUGAN	Tirunelveli City Rotary Club	2019
3	International Rotary Club Award	Dr. D. Murugan	Governor 3212 district	2023

11. No. of Research Scholars successfully guided:

Name of Programme	Awarded (No.) (Under-progress not to be included)
Ph.D.,	24 Research Scholars Awarded

12. Strengths (in 100 words)

For the past 25 years Academic and Administrative Experiences in various Colleges, Institutions and other universities. More than a member experience for TNPSC and Board of studies chairman in Tamilnadu Higher Education. With my leadership quality, I achieved collaboration with STPI, Ministry of IT Government of trading to start the Software Incubation Centre at MS University at a cost of 30 crores. Experience for collaborating with ISRO for MANOSAT Project for the welfare of Farmers in Tamil Nadu. UGC and DST Research Fund Project Experience. Aside from Education, I received awards for involving various Social activities