C. ABDUL HAKEEM COLLEGE OF ENGINEERING AND TECHNOLOGY
Hakeem Nagar, Melvisharam-632 509

FACULTY PROFILE

Name	S.NATHIYA				
Gender	FEMALE				
Present Designation	ASSISTANT PROFESSOR		**Regular / Adjunction**	REGULAR	
Date of Joining	11/08/2025				
Mobile No.	9489528578		**Email**	nathiyasaminathan.cse@cahcet.edu.in	
FacultyCode	**Given By AU COE**	288590	**Given By AICTE**	1- 43472446907	
Highest Educational Qualification	M.S.,M.E		**Specialization**	Computer Science and Engineering	
Additional Qualification	GATE/NET/SLET	NIL			
Total working Experience		(i) Teaching : 5 years 6 months (ii) Industry : 1 year 7 months			
Publications	**Journals**	3	**International Journals**	2	**National Journals** 1
	Conferences	4	**International Conferences**	2	**National Conferences** 2
No. of Patent	NIL				
No of Workshops/Seminars/Webinar/ FDP /STTP attended	SEMINAR– 3 WORKSHOPS-4 FDP-12 WEBINAR-3				
No of Workshops/Seminars/Conferences/ FDP /Symposium organized	Workshops – 4 Conferences-4		FDP- 12 Symposium- 1		
No of UG / PG / Ph.D Guidance:	UG: 10				
Membership in Professional Bodies	1.IAENG				
Awards / Recognition Received	BEST PERFORMER AWARD FOR 100%				
Other Responsibilities, if any	COUNSELLOR, DEPARTMENT TEST COORDINATOR.				

JOURNAL DETAILS

Paper Publication [Journal]

S.No	Title of the Paper	Journal Name, Volume No. Pages, DOI	Published Year
1.	GAN with CCSO: generative adversarial network-driven CAViaR competitive swarm optimizer for medical video super resolution	*Multimed Tools Appl*, 17373–17394. https://doi.org /10.1007/ s11042-023-16134-x.	2024
2.	Reconstructing Images using Super-Resolution Generative Adversarial Networks - SRGAN.	*SGS - Engineering & Sciences, 1*(01)	2021
3.	Deep Learning Approaches on Super-Resolution Image and Video – A Deep Review	Design Engineering, Volume 2021, Issue 08, (pp. 4901-4921)	2021

BOOK CHAPTERS

1. Published a book chapter entitled, 'Deep Learning for Medical Dataset Classification Based on Convolutional Neural Networks', in Integrating Deep Learning Algorithms to Overcome Challenges in Big Data Analytics, Published by CRC Press, 2021.

2. Published a book chapter entitled, 'Clinical Data Analysis Using IoT Data Analytics Platforms in Internet of Things Use Cases for the Healthcare Industry', 271-293, Springer, 2020.