



## 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	nathiya.saminathan.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) (ii)	Teaching Industry	: 5 years 6 months : 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% UNIVERSITY RESULTS, DISTINGUISHED ALUMINI AWARD								
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	Publish ed Year
1.	GAN with CCSO: generative adversarial network-driven CAViaR competitive swarm optimizer for medical video super resolution	<i>Multimed Tools Appl</i> , 17373–17394. <a href="https://doi.org/10.1007/s11042-023-16134-x">https://doi.org/10.1007/s11042-023-16134-x</a> .	2024
2.	Reconstructing Images using Super-Resolution Generative Adversarial Networks - SRGAN.	<i>SGS - Engineering &amp; Sciences</i> , I(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.