FACULTY PROFILE

Name of the Faculty:	**Mr S PRABHUDAS**	
Designation:	**Assistant Professor**	
Department:	**IT**	
Date of Birth:	**01/06/1983**	
AICTE– ID:	1- 11428940708	

Education	• B.Tech in ECE from JNTUH in 2005. • M.Tech in COMPUTERS & COMMUNICATIONS Specialization from JNTUK in 2010 • Pursuing PhD in Biomedical Image Processing using Machine Learning Techniques from JNTUK,Kakinada.		
Experience	Teaching: 21 Years	Industry: 0 Years	**Total:** 21 Years
	Research: __0__Years	Others:__0__Years	
Research Specialization	Machine Learning, IoT, Bio Medical Image Processing		
Courses taught	1. Mobile Computing/Wireless Networks 2. Data Warehousing & Data Mining 3. Fundamentals of AI&ML 4. Machine Learning 5. Internet of Things 6.Computer Organization 7.Digital Image Processing 8.Microprocessors and Microcontrollers		

Research contributions

International/national peer reviewed journals

S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/ SCOPUS, Google scholar)
1	Automated Kidney MRI Segmentation using connected U-Net Architecture. **DOI:** https://doi.org/10.52783/jns.	Journal of Neonatal Surgery	2025	14	454-462	Scopus

	v14.2253					
2	Semi-Automated Kidney MRI Segmentation Using Optimal Thresholding Technique (OTT) in Adaptive NLM Filtering	Computer Integrated Manufacturing Systems	2023	29	72-86	Scopus
3	Performance evaluation of segmentation algorithms in non contrast and contrast MRI images for region of interest https://doi.org/10.1007/978-981-19-4044-6_10.	Springer Nature Singapore Pte Ltd.	2022	1	95-111	S UGC Care/ Google scholar
4	Integrated clue with genetic algorithm an efficient image search engine	International Journal of Latest Trends in Engineering And Technology	2013	3	292-299	Google scholar
5	Review of Recent Recognition Systems	International Journal of Innovations in Engineering and Technology (IJIET)	2013	3	127-135	Research Gate

Books published

S. No.	Title of the book	Publisher	year
1			

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1	Performance evaluation of segmentation algorithms in non contrast and contrast MRI images for region of interest	Advanced Technologies and Societal Change	Springer Nature Singapore Pt Ltd.	2022

Details of Patents (Filed & Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	202441071967	Infrared and Visible Sensor	04/10/2024	Published

		Image Fusion Model using Machine Learning Framework		

Details of Conferences/FDPs/STTPs/webinars/Workshops Organized

S.No.	Name of the event	Role	Dates
1	National Conference on Scientific Research and INnovations In Emerging Technologies (NCSRINIET-2024)	Co-Convener	27-28 March 2024
2	IEEE International Conference on Big Data Analytics and Computational Intelligence	Session Chair	23-25 March 2017

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1	A National Workshop on Statistical Signal Processing	GIET,Rajahmundry	25 Nov 2009
2	A Two-Day National Workshop on Advances in Signal and Image Processing	JNTU,Kakinada	25,26 Feb 2011
3	A One Week Workshop on Matlab	Swarnandhra College of Engg;&Tech., Narsapur	12-18 Sept 2011
4	National Conference on Emerging Technologies in Electronics & Communications	BVCITS , Amalapuram.	3-4 Dec 2011
5	A Five Day Workshop on RF&MICROWAVE ENGINEERING	Sri Vasavi Engg; College, Tadepalligudem	7-12 Dec 2011
6	A Two-Day National Level Faculty Workshop on Advances in Signal & Digital Image Processing	BVCITS , Amalapuram.	23-24 Feb 2013
7	A Two week ISTE Workshop (online) on Signals & Systems	IIT, Kharagpur	2-12 Jan 2014
8	Course Work on Research Methodology	KLU, Vaddeswaram	7-10 Jan2014
9	IEEE Eleventh Conference on Wireless and Optical Communication Networks	KLU, Vaddeswaram	11-13 Sept 2014
10	A Two-Day National Workshop on Advances in Signal and Image Processing (NW-ASIP-2014)	JNTU, Kakinada	25,26 April 2014
11	Course work on Image and Video	KLU, Vaddeswaram	1-13 Dec 2014

	Processing		
12	A National Workshop on Outcome Based Education	CEC,Chirala	14 March 2015
13	Course Work on "An introduction to Modern Methods of Brain Exploration with focus on Functional MRI	Pune University, Pune	7-18 Nov 2016
14	Design Challenges in Wireless Sensor Communications Networks	CEC,Chirala	23-25 March 2017
15	A Two-Day National Workshop on Advances in Electronics and Communication Engineering (AECE-2017)	JNTU, Kakinada	26-27 August 2017
16	Webinar on Introduction to Informatica Power Centre	GIST Nellore	5 June 2020
17	One Week Faculty Development Programme (FDP) on Recent Trends In Advanced Digital Signal Processing	E&ICT Academy NITW	25- 30 August, 2022.
18	FSDP on Outcome Based Education	CVRCE, Ibrahimpatnam	29 Jan - 2 Feb 2024

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	Best Teacher Award	SIET, Amalapuram	2013
2	Best Teacher Award	CEC,Chirala	2017

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration
	Nil				

Consultancy contribution

S.No.	Year	Amount	Details
1	**Nil**		

Student Project/research guidance

S.No	Level	Total number
1	**UG**	**Completed:** 36 **Ongoing:** 2
2	**PG**	**Completed:** 5 **Ongoing: 0**
3	**PhD**	**Completed: Nil** **Ongoing: Nil**

Administrative Experience

S.No.	Role	Duration (From – to)
1	Head of the Department ECE, SIET Amalapuram	Nov 2012- July 2014
2	NAAC Coordinator	2015 to 2024
3	IQAC Coordinator	2015 to 2019 and 2023-2024
4	Head of the Department CSE & AIML, SIET Amalapuram	April 2023- July 2024
5	IIC-MIC Driven Coordinator And IIC Event Press note preparation	04 August 2025-till date

Research credentials

Index/database	ID/Link
Google Scholar	**https://url-shortener.me/EUY1**
Scopus	**NA**
Orcid ID	**0000-0001-8646-2254**
Vidwan ID	**https://vidwan.inflibnet.ac.in/profile/688010**

Any other relevant information

(**S.PRABHUDAS**)
(Date:28-02-2026)