FACULTY PROFILE

Faculty Name	First Name	ANULEKSHMI	Last Name	S	
Designation	ASSISTANT PROFESSOR				
Dept. Name	COMPUTER SCIENCE				
Address:	ANJALI NILAYAM IMALI,OMALLOOR P.O, PATHANMTHITTA,KERALA				

Phone No.	Office	
	Mobile	9946194494

Email	1.anustc22@gmail.com	2.anu84rhyme@gmail.com

Subjects Taught	C,C++,DBMS,OS,Data structure,IC,Python,R programming,Java,Software Engineering,Networking,Data mining,VB,COA ,Microprocessor
Areas of Interest/Specialization	Wireless Sensor Network,IOT
Doctoral Research Area	Strengthening Of Agricultural Sectors With Improved Sustainability Using WSN And IoT Framework

Experience (in years)	Total	6 Years PG – 3 UG - 6
	Teaching	Assistant Professor in ST.thomas College, Ranni from 2012-2015 Assistant Professor in Musaliar College of Arts and Science,Pathanamthitta from 2016 to 2017 Assistant Professor in Peri Arts and Science College,Chennai from 2019-2020 Assistant Professor in St.Thomas College Ranni, 2022 to ---

Educational Qualifications	UG	BSc Software System
	PG	MCA
	Doctorate	PhD in Computer Science
	Any other	MPhil

Research Publications in Journals/ Conference Proceedings	1. . S. Anulekshmi and Dr. R. Durga, "Performance Enhancement of the Wireless Sensor Network with Proficient Power Management with Supervised Multimodel Data Regression Algorithm In Precision Agriculture," 2022 International Conference on Electronics and Renewable Systems (ICEARS), 2022, pp. 754-761, doi: 10.1109/ICEARS53579.2022.9752058 2. "Agriculture Monitoring System Using Dynamic Resilience Learning Algorithm (DRLA) and Energy Efficient Data transmission mechanism in Wireless Sensor"DesisgnEngineering, Volume:21ssue:6 publication Year:2021(SCOPUS) 3. "Solar-Based Power Generation Agricultural Process Using SSDA Technique Based On Remote Monitoring Agriculture Environments", Solid State Technology Volume: 63 Issue: 4 Publication Year: 2020(SCOPUS) 4. "Comprehensive Study and Research on Wireless Sensor Network and Internet of Things for Precision Agriculture", Journal of Advanced Research in Dynamical & Control Systems, Vol. 12, No. 4, 2020 (SCOPUS) 5. Efficacy of wireless sensor technology in sustainable agriculture , national seminar proceedings on "biodiversity and sustainable development",2019 6. " Wireless Sensor Network-Node Replication Attack Detection", International Conference on Innovative Trends in Engineering, 2016
Conference / Workshop attended	1. Participated and presented a research paper entitled ""Enhanced Biosecurity And Secured Data Transmission Using Supervised Multimodal Data Regression Algorithm(SMDR) in precision agriculture" in International conference on future electric challenges-ICFEMC2021 conduct by AICTE and JB2EC,Hyderabad on 21.12.2021 2. Attended one week online faculty programme on :Progresses in Computer Science & its Applications from 09.07.2021 to 14.07.2021 hosted by Vels institute of science and technology,Chennai 3. Participated and presented a research paper entitled "Energy Efficient data transmission and congestion control using DRLA in WSN based agriculture monitoring system" in National Conference on Innovative Computing Technique(NCICT'21)organized by Dr, M.G.R Educational Institute, Chennai on 29th April 2021 4. Participated and presented a research paper entitled " Smart Energy Saving Synchronized Data Aggregation Technique based on Remote Agriculture Monitoring Environment" in two day conference on Recent Trend and Technologies in Soft Computing(ICRTSC-20)organized by St.Peters Institute of Higher Education and Research,Avadi,Chennai on 28th and 29th September 2020 5. Attended Two weeks online faculty programme on: Media And Art In Teaching And Learning" from 12th to 25th January2021 programme was organized in online synchronousmode under the Pandit Madan Mohan Malaviya National Mission for Teachers andTeaching (PMMMNMTT scheme) of Ministry of Human Resources Development,Government of India and was hosted by Bishop Moore College Mavelikara incollaboration with Guru Angad Dev Teaching Learning Centre (SGTB Khalsa College,University of Delhi) of MHRD 6. Participated AICTE sponsored six day online short term traing program on "Deep learning based analysis of images and videos using Phython" from 30.11.2020 t0 5.12.2020 7. Attended webinar on the topic "Recent Development in Nanostructured metals and alloys" organized by IFERP on 25th October,2020 8. Partcipated one week online workshop on "Redefining customer

	experience with AR (Augmented Reality)and VR(Virtual Reality)during 17th to 21st August 2020,P.E.S College of engineering,Karnataka 9. Participated in the International Webinar on BLOCKCHAIN, Organized by the Department of Computer Applications, Holy Cross College of Management and Technology, Idukki, Kerala, India on 26/08/2020. 10. Participated in the Webinar on 'Effective use of Open Broadcaster Software (OBS) for Recording Your Screen' organised by the Internal Quality Assurance Cell (IQAC), K.K.T.M. Govt. College, Pullut on 17.08.2020 11. Participated in one day workshop on "Machine Learning Using Python" organized by B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai on Feb 13, 2020 12. Participated and presented a paper entitled "Efficacy of wireless sensor technology in sustainable agriculture" in UGC sponsored national seminar on "biodiversity and sustainable development" in St.Thomas college, Ranni, Kerala, 2019		
No. of Conferences	National	Attended/Presented	Organized
		2	1.Dr, M.G.R Educational Institute, Chennai 2.St.Peters Institute of Higher Education and Research,Avadi,Chennai
	International	1	AICTE and JB2EC,Hyderabad