SRI SANKARA ARTS & SCIENCE COLLEGE
ENATHUR, KANCHIPURAM
STAFF PROFILE
DEPARTMENT OF COMPUTER SCIENCE

1.	Name of the Staff	V.VANITHA
2.	Designation	ASSISTANT PROFESSOR
3.	Date of Joining	22-08-2022
4.	Mobile Number	9566495934
5.	E-Mail ID	Vani_carmel@yahoo.com
6.	Nationality	INDIAN
7.	Academic Qualification	M.C.A., M.Phil.,(Ph.D.), NET.
8.	Field of Specialization	CLOUD COMPUTING AND IMAGE PROCESSING
9.	Ph.D Thesis Title	EFFICIENT HEPATITIS DIAEASE DIAGNOSIS USING MACHINE LEARNING ALGORITHM
	Pursuing University	VELS UNIVERSITY CHENNAI.

10. Work Experience (in chronological order):

S.No.	Name of the Institution	Designation	Period
1.	Sri Sankara Arts & Science College, Enathur, Kanchipuram, Tamil Nadu, India	Assistant Professor	22-08-2022 to till date
2.	Pachaiyappa's College for Women , Kanchipuram,Tamil Nadu, India	Assistant Professor	01-10-2021 to 17.06.2022

11. Publications:

S.No.	Title	Journal	Pages
1.	"A Survey on Biometric Authentication Systems in Cloud to Combat Theft"	Journal of Critical Reviews	Vol 7,Issue 3 ,March 2020 pp.540-547 URL : http://dx.doi.org/10.31838/jcr.07.03.97
2.	"Detection and Diagnosis of Hepatitis Virus Infection Based on Human Blood Smear Data in Machine Learning Segmentation Technique"	9th International Conference on Reliability , Infocom Technologies and Optimization(Trends and Future Directions)	2021,pp.1-5 (IEEE) URL:http://doi.org/10.1109/ICRITO51393.2021.959648
3.	"Image Segmentation and classification of Hepatitis viral infection in human blood smear with a hybrid algorithm combining Naïve Bayes Classifier"	Turkish Journal of Computer and Mathematics Education	Vol 12, No 11 2021
4.	"Bio-medical image encryption using modified chaotic logistic method"	**Artificial Intelligence on Medical Data**	pp 231–241 URL : https://doi.org/10.1007/978-981-19-0151-5_20

5.	"Efficient Computation Of Hepatitis Blood Smear Image Encryption Using Enhanced Chaotic Technique For Cloud Storage"	**Soft Computing: Theories and Applications**	pp 845–855 URL:https://doi.org/10.1007/978-981-19-0707-4_76
6.	"A Novel Technique For Data Leakage Detection In Cloud Using Fake Objects"	International Journal of Research in Engineering Technology .	Volume 1 Issue 6, Sep - Oct 2016.

Conferences:

Presented:

➢ "Machine Learning Segmentation Technique for Detection and Diagnosis of Hepatitis Virus Infection Based on Human Blood Smear Data",2nd International Conference on Technology Innovation and Data science(ICTIDS-2021) held on 19th and 20th February 2021,Lincoln University College,Malaysia.(Springer).

➢ "Detection and Diagnosis of Hepatitis Virus based on Human Blood Smear Data using Machine Learning Technique" ,9th International conference on Reliability, Infocom Technologies and optimization (ICRITO) held on 3rd and 4th september 2021 at Amity University,Uttar pradesh,India. (IEEE).

➢ **"**Bio-medical image encryption using modified chaotic logistic method", International Symposium on Computer Vision and Machine Intelligence in Medical Image Analysis,held on 11th and 12th Nov 2021,Sikkim Manipal Institutute of Technology.

➢ "Efficient Computation Of Hepatitis Blood Smear Image Encryption Using Enhanced Chaotic Technique For Cloud Storage", 6th International Conference On Soft Computing : Theories And Application – Socta 2021,held on 17-19th Dec,IIIT Kota.

Workshop and FDP Attended:

➢ Three Days FDP on "ARTIFICIAL INTELLIGENCE", organised by Department of Computer Science and Engineering,Francis Xavier Engineering college from 08-03-2021 to 10-03-2021.

➢ A Week long FDP on"Data :From Synthesis and Analysis to Connect and Security(D:SACS) ", organized by AMITY University from March 28 to April 2,2022.

➢ Two days FDP on "BITCOIN AND CRYPTOCURRENCY in BLOCKCHAIN TECHNOLOGY"organganised by Panimalar Institute of Technology on 20-06-2020 and 21-06-2020.

➢ Five days FDP on "Machine Learning" held from 10th to 14th August 2020 organized by Department of Information Science and Engineering, VVCE, Mysuru.

➢ One Week Online workshop on "Data Science using R",organised by Department of computer Science and Engineering and Department of Information Technology of St.Xavier,s Catholic College of Engineering.Nagercoil from 20th to 25th july,2020.

- Three days FDP on "Python for Data science",organised by the Department of Infor Technology and Department of Computer Science and Engineering,Dr.M.G.R Educational and Research Institution in association with Imarticus Learning,Chennai held from from 23rd to 25th july 2020.

- Five days FDP on "Recent Trends in Computer Science",organised by the Department of Computer Science and Master of Computer Applications at SITAMS,Chittoor .held from 28th June to 2nd july 2020.

- One Week's International FDP on "AI and Data Science" ,organized by Department of MCA, JSPM's Rajarshi Shahu College of Engineering,Pune, Maharashtra, India.from 22 - 26 July 2020.

- Two Day workshop on Python Programming for Image Processing and Computer vision" Organized by Department of Computer Science and Engineering on 16/07/2020 & 17/07/2020.

Webinars Attended :

- National Level Webinar on "Cyber Attacks and Defence Mechanism in Data Security" Organised by SITAMS- CSI Students chapter in Association with CSE and MCA at SITAMS,held on 26th july 2020.

- Webinar on "Introduction to Machine Learning" presented by Mr.Mabel Finney, Director, Infoziant IT Solutions, Chennai. Organised by the Department of Computer Science and Engineering, Francis Xavier Engineering College, Tirunelveli on 24-07-2020.

- One Day National Level Webinar on "Matrix Method for System of Differential Equations" held on 11th July, 2020 organized by Internal Quality Assurance Cell (IQAC).

- one day online Webinar on "SQL For BIG DATA APPLICATIONS" (ONLINEMODE) on 11-07-2020 In Association with Turnip Innovations,IEEE COMPUTER SOCIETY& COMPUTER SOCIETY OF INDIA.

- National Webinar "MATLAB and its Applications",Organized by SCSVMV University, Kanchipuram, Tamil Nadu held on :05th July,2020

- Webinar on "Machine Learning with MATLAB",Organized by the Deoartment of Computer Science and Engineering,SR Group of Institions ,Jhansi and DesignTech Systems Pvt.Ltd.