Department of
COMPUTER SCIENCE AND ENGINEERING

NEWSLETTER
Volume: 12   Issue: 2
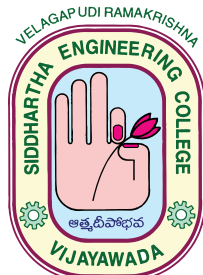
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Prof. & HOD: CSE Dept.

About CSE Department

The Department of Computer Science and Engineering was established in the year 1985 with its cohesive team of faculty members, offers a sound program at the UG as well as the PG levels. The curriculum is a blend of the conventional and the radical. It is updated regularly to keep up with the growing demands and the changing trends of the software industry and research laboratories. Also Department has a thriving research environment with active research groups in the areas of Bioinformatics, Data and Web Mining, Information and System Security, Computer Networks, Digital Image Processing and Video Analytics.

Faculty Improved Qualification:

1. Mr. M. Siva Naga Raju Assistant Professor awarded PhD from VIT University AP in June 2023 Thesis entitled Colorectal cancer histopathology image segmentation and classification using Advanced deep learning techniques.

Faculty Submitted PhD Thesis: 02

1. 1. Mrs.T.Meena submitted PhD Thesis on Study of development of coordination algorithms for drone networks VIT-AP.

2. 2. Mrs. T.Bindu Madhavi submitted PhD Thesis on Development of Deep Learning techniques for liver and tumor segmentation from CT images VIT-AP.

Sponsored Research & Development Projects:

SEED Projects

1. 1. Dr. Ashutosh Satapathy, Assistant Professor from the department of Computer Science and Engineering, VR Siddhartha Engineering College, has received a grant worth

2. 2. Rs. 1, 98,117 from SAGTE for a project on "An Intelligent Virtual Classroom Framework for Monitoring Behavior of Students Using Deep Learning Techniques", and it was sanctioned in March 2023.

3. 3. Dr. K. L. Sailaja, Assistant Professor and Dr. Rameshkumar P., Associate Professor from the department of Computer Science and Engineering, VR Siddhartha Engineering College, has received a grant worth Rs. 47,310 from SAGTE for a project on "Estimation and Analysis of Landslide Occurrence by Combining Geological and Atmospherically Study Using U-Net Model", and it was sanctioned in March 2023.

1. Dr. Ch. Rupa, Professor from the department of Computer Science and Engineering, VR Siddhartha Engineering College, has received a grant worth Rs. 75,000 from SAGTE for a project on "AI enabled accident black spot alerting mobile application to enhance road safety", and it was sanctioned in April 2023.

2. Dr. Sobhana M., Associate professor from the department of Computer Science and Engineering, VR Siddhartha Engineering College, has received a grant worth Rs. 37,400 from SAGTE for a project on "AI enabled accident black spot alerting mobile application to enhance road safety", and it was sanctioned in April 2023.

Events Organized:

3. International Seminar on Fostering Technological Innovation and excellence for Societal Problems – 8th March 2023 for Faculty & Students. Resource persons - Dr Stephenee Gillespie IEEE Epics Chair Associate Dean University of New Heaven USA, Sri Samarth Deo R & D Project Manager Hitachi Energy Swedan & Dr Dinesh Singh Group Leader ,TCS Digital Farming Initiative Maharashtra.

Two Day International Seminar on EPICS
10th & 11th April 2023

Distinguished Speaker
Dr. STEPHANIE GILLESPIE
IEEE EPICS Chair,
Associate Dean,
University of New Haven,
U.S.A

Distinguished Speaker
Sri SAMARTH DEO
R&D Project Manager,
Hitachi Energy, Sweden

Distinguished Speaker
Dr. DINESH SINGH
Group Leader,
TCS Digital Farming Initiative (DFI),
TCS Research and Innovation,
Maharashtra

4. A Five Day Workshop "Design thinking" A creative problem solving & ideation approach" Shri. Anjali, B.Des in Textile Design, NIFT New Delhi and Mr.Krishna Kumar, B.Des in Communication Design, NIFT New Delhi from 4th – 10th March 2023

5. A three Day hands-on workshop on "Cyber security tools and techniques" by Shri Sai Satish, CEO,Indian Serves Ltd and Shri KVN Karthik, Corporate Trainer from 13th -15th March 2023

6. A two day hands-on training workshop on "Block Chain Technology and Applications" by Shri Talasila Ram Kumar, Project Manager, Aditi Software Hyderabad from 17th -18th March 2023

7. Training Program on Image Analysis for Deep Learning Applications using OpenCV Python by K Chaitanya, Sr. Machine Learning Specalist, Blaize Inc., organized on 10th & 11th April 2023 for ¾ B.Tech Students sponsored by IEEE, GRSS, SAGTE.

8. FDP on "Salesforce Platform Developer 1" in collaboration with ICT Academy by Mr RaghaVendra Swamy Kambhampati, Senior Technical Trainer, ICT Academy Mr Charan Chadragiri, Technical Trainer ICT Academy for Faculty from 5th – 9th June 2023

9. Workshop on "Open Source Technologies" by Mr Amruth Kumar CEO, Smaragdine Technologies, Hyderabad on 12th June 2023 for Non Teaching& Technical Staff

Technical & Cultural Events:

FEMBLAZE – Women's day celebrations - A cultural and technical fest organized exclusively for Women faculty and students is celebrated on 08th March 2023

Patents:

1. Dr. G.Kranthi Kumar Published patent on An Efficient Machine Learning Technique For Brain Tumor Identification Ref No 202341003052

2. Dr. G. Anuradha published patent on Smart Door lock using simultaneous face liveness and face detection algorithms Ref No 202341009020

3. Dr. G. Anuradha filed patent on Dynamic monitoring of bridge under heavy water flow Ref No 202341011002

4. Mr. A. Raghuvira Pratap & Ms. Macharapu Madhavi published patent on Design And Development Of Multi-Layered Security Using Cryptography And Steganography Ref No 20234101644

Student Achievements:

1. S Hemasri of ¾ B.Tech got Appreciation for APSCHE Excellence awards 2023 – Best Student of the year Award Category organized by Andhra Pradesh State Council of Higher Education APSCHE Excellence Awards 2023.

2. A Hari Sai Babu Ch Kushal Kumar P Pavan Kumar & V Venkata Reddy of ¾ B.Tech received 3rd Prize at National Level Hackathon – Prajwalan – Android Track from SRKR Engineering College.

3. AJ Akash & Aneelaja Devasena of ¾ B.Tech received Best Social Consciousness Award from District Level Youth Parliament 2023 Nehru Yuva Kendra Govt. of India.

Professional Bodies Activities:

International Women Leadership Conclave held on 8th March 2023 in association with IEEE VRSEC WIE AFFINITY GROUP
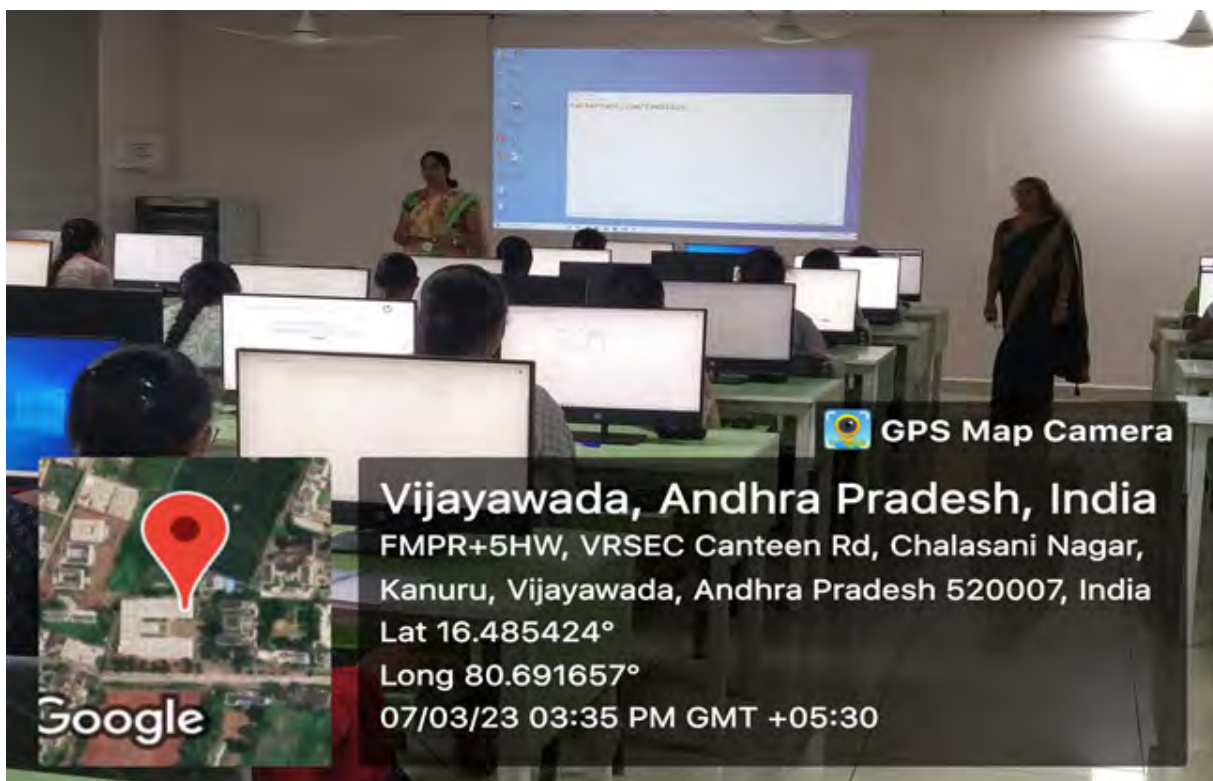
Flembaze held on 8th March 2023 in association with IEEE VRSEC WIE AFFINITY GROUP

Placements Achieved:

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Congratulations 2022-23

	2	6	1	5	1	2	14	12	4
	Adobe	amazon SDE	Morgan Stanley	cisco	amazon SDE	Microsoft	AT&T	DBS	FACTSET
	46 LPA	44 LPA	30 LPA	17.5 LPA	12.3 LPA	12 LPA	11.5 LPA	10.5 LPA	10.3 LPA

9	1	1	2	5	2	4	3	2	
epam	HSBC		ZOHO	Deloitte	iValueLabs	LUMEN Technologies	IBM	Capgemini	
9.0 LPA	9.0 LPA	9.0 LPA	8.4 LPA	8.0 LPA	8.0 LPA	7.4 LPA	7.25 LPA	7.25 LPA	

	35	3	1	1	77	2	8	1	13
	tcs	virtusa	accenture	ZOHO	virtusa	Tech Mahindra	Torry Harris	IBM	accenture
	7.2 LPA	7.0 LPA	6.5 LPA	5.6 LPA	5.5 LPA	5.5 LPA	5.0 LPA	4.75 LPA	4.5 LPA

9	5	13	1	6	15	2	43	7	
anblicks	Capgemini	Cognizant Genc Elevate	Avantel	Cognizant Genc	Mindtree	Qspiders	tcs Ninja	FACTSET	
4.5 LPA	4.5 LPA	4.2 LPA	4.0 LPA	4.0 LPA	4.0 LPA	4.0 LPA	3.96 LPA	5.5 LPA	

100% Placements | **Total Offers: 314+**

VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE
(AUTONOMOUS)

Extension Activities:

Rally on Importance of Millets

Quiz & Drawing competition on 28th June 2023 at ZPH School, Tadigadapa Vijayawada

SwachhBharath at Tadigadapa, Vijayawada

VELAGAPUDI RAMAKRISHNA
SIDDHARTHA ENGINEERING COLLEGE
(AUTONOMOUS)

(Sponsored by Siddhartha Academy of General & Technical Education)

Approved by AICTE | Affiliated to JNTUK Kakinada

Accredited by NAAC with 'A+' Grade | An ISO 21001-2018 Certified Institution

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