



VSB COLLEGE OF ENGINEERING TECHNICAL CAMPUS
(Approved by AICTE and Affiliated to Anna University)

**NH-209, Coimbatore-Pollachi main road, Ealur Pirivu,
Solavampalayam(PO), Coimbatore – 642109, Tamil Nadu, INDIA**

VSB College of Engineering Technical Campus, Coimbatore

Approved by AICTE and affiliated to Anna University
Established in the year 2012



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic year 2021-2022

Department of Computer Science and Engineering

News Letter (Academic Year: 2021-2022)

EVEN SEMESTER

About the Department

The Department of Computer Science & Engineering is the soul of many engineering branches. This field is instrumental in bringing the world to where it is today. Computer Science & Engineering (CSE) course was started in our institution in the year 2012. Our department has 25 dedicated, well-qualified and experienced faculty members who are specialists in the areas of Database, Data Mining, Computer Architecture, Operating Systems, Image Processing, Wireless Network, Artificial Neural Networks', Information Security and Programming Languages. They actively involve themselves in research activities in the field of their specialization. They have published a number of papers in Journals and Conferences of National and International repute. The department attributes its success to the creative and innovative outlook of its students also. It encourages students to participate in numerous symposiums and to present papers in them. Students are also made to undergo in-plant training programs, where they hone their technical skill in the realm of computers. etc.

Vision

To offer a quality education in Computer Science and Engineering, encourage life-long learning and make graduates responsible for society by upholding social values in the field of emerging technology.

Mission

M1: To produce graduates with sound technical knowledge and good skills that prepare them for rewarding career in prominent industries.

M2: To promote collaborative learning and research with Industry, Government and International organizations for continuous knowledge transfer and enhancement.

M3: To promote entrepreneurship and mould the graduates to be leaders by cultivating the spirit of social ethical values.





Programme Educational Objectives








PEO1 – Computer Science Graduates will have successful careers with high level of technical competency and problem solving skills to produce innovative solutions for industrial needs.

PEO2 – Graduates will have good professionalism, team work, effective communication, leadership qualities and life-long learning for the welfare of mankind.

PEO3 – Graduates will be familiar with recent trends in industry for delivering and implementing innovative system in collaboration.

Programme Outcomes

-  **PO1: Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
-  **PO2: Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
-  **PO3: Design /Development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
-  **PO4: Conduct investigation of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
-  **PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

-  **PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.**
-  **PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.**
-  **PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.**
-  **PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.**
-  **PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.**
-  **PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.**
-  **PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.**

About the Course

Computer Engineers build the world's infrastructure. In doing so, they quietly shape the history of nations around the world. Only by exploring Computer engineering's influence in shaping the world we know today, we can creatively envision the progress of our tomorrows. Students and faculty gain knowledge and experience relevant for their further successful career growth in sphere of Computer engineering. Our institute pioneers towards making every individual as an effective Computer Engineer who serves the nation through the knowledge gained.

NBA COMMITTEE HAS VISITED TO OUR CAMPUS ON 15.5.2022 FOR THE COMPLIANCE REPORT RENEWAL AND THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING HAS SUCESSFULLY GOT COMPLIANCE REPORT APPROVAL FOR THREE YEARS FROM 15.5.2022 UPTO 15.5.2025

Inter College Events Participated by Students and value Added Courses Attended

S.No	Name of the student	Year / Branch	Name of the event	Period (From & To) / Date
1	PURUSHOTHAMAN RS	II CSE	AGILE MODELS	8.6.2022
2	DEVIKALA A	II CSE	SOFTWARE TESTING	7.6.2022
3	NITHYA M	II CSE	PHP AND MYSQL BY ACCENT TECHNOFT	2.5.2022
4	PAVITHRA A	II CSE	PHP AND MYSQL BY ACCENT TECHNOFT	2.5.2022
5	ILAYAMANI T	II CSE	PHP AND MYSQL BY ACCENT TECHNOFT	2.5.2022
6	MOHAN N	II CSE	PHP AND MYSQL BY ACCENT TECHNOFT	2.5.2022
7	DEEPIKA R	II CSE	PHP AND MYSQL BY ACCENT TECHNOFT	2.5.2022
8	D BHARATHI PRIYA	II CSE	ONE DAY NATIONAL LEVEL SEMINAR ON MACHINE LEARNING	9.4.2022

			TECHNIQUES USING R PROGRAMMING	
9	T INNDHU	II CSE	ONE DAY NATIONAL LEVEL SEMINAR ON MACHINE LEARNING TECHNIQUES USING R PROGRAMMING	9.4.2022
10	GAYATHRI N	II CSE	ONE DAY NATIONAL LEVEL SEMINAR ON MACHINE LEARNING TECHNIQUES USING R PROGRAMMING	9.4.2022
11	YOGA PRAKASH NS	II CSE	PAPER PRESENTATION SHRISTI 22 AT AT SARASWATHI THYAGARAJA COLLEGE	12.4.2022
12	PRINCE RICHART M	II CSE	PAPER PRESENTATION SHRISTI 22 AT AT SARASWATHI THYAGARAJA COLLEGE	12.4.2022
13	JITHIN KRISHNA N	II CSE	CYBER SECURITY BY CRAYON AS A PART OF SAMHITA 22 AT ANNA UNIVERSITY CHENNAI	25.4.2022
14	GUNA PRASANTH P	II	CYBER SECURITY BY CRAYON AS A	25.4.2022

		CSE	PART OF SAMHITA 22 AT ANNA UNIVERSITY CHENNAI	
15	PRITHVI RAJAN	II CSE	CYBER SECURITY BY CRAYON AS A PART OF SAMHITA 22 AT ANNA UNIVERSITY CHENNAI	25.4.2022
16	RAM KUMAR M	II CSE	CYBER SECURITY BY CRAYON AS A PART OF SAMHITA 22 AT ANNA UNIVERSITY CHENNAI	25.4.2022
17	SHIVA SURYA S	II CSE	CYBER SECURITY BY CRAYON AS A PART OF SAMHITA 22 AT ANNA UNIVERSITY CHENNAI	25.4.2022
18.	JEYASURYA G	II CSE	CYBER SECURITY BY CRAYON AS A PART OF SAMHITA 22 AT ANNA UNIVERSITY CHENNAI	25.4.2022
19	YOGA PRAKASH NS	II CSE	CYBER SECURITY BY CRAYON AS A PART OF SAMHITA 22 AT ANNA UNIVERSITY CHENNAI	25.4.2022
20	PRITHVIRAJAN M	II CSE	CLOUD COMPUTING WORKSHOP BY ANNA	25.4.2022

			UNIVERSITY CHENNAI	
21	ARAVIND G	II CSE	QUANTUM COMPUTING WORKSHOP BY ANNA UNIVERSITY CHENNAI	27.4.2022
22	P THANSWERA	II CSE	QUANTUM COMPUTING WORKSHOP BY ANNA UNIVERSITY CHENNAI	27.4.2022
23	V RAAGUL SHAKTHIVEL	II CSE	BLOCK CHAIN BASICS- GREAT LEARNING	27.4.2022
24	G SAM SHELTON	II CSE	WEB- DEVELOPMENT BASICS- GREAT LEARNING	17.3.2022
17	PURUSHOTHAMAN RS	II CSE	PYTHON WEB SCRAPING – INFOSYS SPRING BOARD	14.3.2022
	INNDHU T	II CSE	JAVA BASICS	10.3.2022
18	VIJAY KS	II CSE	HTML BASICS- GREAT LEARNING	24.2.2022
19	AMRIDHA SRI	III CSE	HANDS ON ANDRIOD	18.2.2022
20	SUGANTHA RANI F	III CSE	ANDRIOD APP DEVELOPMENT	9.2.2022
21	MOHANLAL P	III CSE	BLOCK CHAIN TECHNOLOGY	27.1.2022

22	DHRUSIYA P	III CSE	AGILE DEVELOPMENT PROCESS	6.1.2022
----	-------------------	----------------	--	-----------------

Technical quiz Participated by Students

S.No	Name of the student	Year / Branch	Name of the event	Period (From & To) / Date
1	KATHIRESH KUMAR	I CSE	Technical quiz held at JCT college of Engineering and Technology	7.5.2022
2	E MOHAMMED ASIQ	I CSE	Technical quiz held at JCT college of Engineering and Technology	7.5.2022
3	K SANJAY KUMAR	I CSE	Technical quiz held at JCT college of Engineering and Technology	7.5.2022
4	R SRI SARVESH	I CSE	Technical quiz held at JCT college of Engineering and Technology	7.5.2022

Name of the FDP/STTP/Online certification courses attended by faculty members

S.No	Name of the Faculty member	Department	Name of the course	Name of the organization conducted the programme	Period (From & To) / Date
1	DR. M.AMUTHA	CSE	IOT Fundamentals	Great learning	8.6.2022
2	DR.S.SARAVANAN	CSE	Surface Computing	Great learning	2.5.2022
3	MR S BOOPATHY	CSE	AWS Academy Graduate	Amazon	3.4.2022
4	DR. M.AMUTHA	CSE	ICT Tools For Innovative Teaching Learning Process	AICTE Sponsored FDP,RV Institute of Technplogy and Management	28/3/2022-1/4/2022
5	Mr.S.SREERAJ	CSE	ICT Tools For Innovative Teaching Learning Process	AICTE Sponsored FDP,RV Institute of Technplogy and Management	28/3/2022-1/4/2022
6	Mrs K ARATHI	CSE	ICT Tools For Innovative Teaching Learning Process	AICTE Sponsored FDP,RV Institute of Technplogy and Management	28/3/2022-1/4/2022
7	Dr.S.SARAVANAN	CSE		AICTE Sponsored FDP,JCT College of Engineering and Technology	1.3.2022-4.3.2022
8	Mr. J. DAVID LIVINGSTON	CSE	Cloud Computing	Great learning	9/3/2022-16/2/2022
		CSE	Java programming	Great learning	9/3/2022-16/2/2022
		CSE	Advanced Cloud Foundation OOPs in Java	Great learning	21/2/2022-26/2/2022

9	Mrs UL SINDHU	CSE	Cyber Security Challenges and Technology	AICTE Sponsored FDP by Anna University Chennai	3.1.2022-8.1.2022
		CSE	Cloud Computing	Skill Up	15/1/2022-21/1/2022
10	Mrs NANDHINI	CSE	Cyber Security Challenges and Technology	AICTE Sponsored FDP by Anna University Chennai	3.1.2022-8.1.2022
11	Mrs K AARATHI	CSE	Cyber Security Challenges and Technology	AICTE Sponsored FDP by Anna University Chennai	3.1.2022-8.1.2022

FUNDING PROPOSAL SUBMITTED BY FACULTY MEMBERS

Sl.No	Name of the faculty member	Department	TITLE OF PROPOSAL SUBMITTED	Name of the funding Agency / organization	STATUS OF THE PROJECT PROPOSAL	TOTAL BUDGET OF THE PROJECT
1.	DR. M.AMUTHA	CSE	ENHANCING HUMAN ROBOT INTERACTION WITH AN AUGMENTED DIALOG SYSTEM	TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (TNSCST)	SUBMITTED ON 4.3.22	4,76,000
2.	Mr.S.SREERAJ					

JOURNAL PUBLICATION DETAILS OF STAFF

S.No.	Faculty Name	JORNAL NAME	TITLE OF JORNAL	STATUS OF JORNAL	ISSN NUMBER
1.	V RADHA	JOURNAL OF GEOTECHNICAL ENGINEERING	KEY WORD SEARCH WITH ACCESS CONTROL OVER ENCRYPTED CLOUD DATA	ACCEPTED YET TO BE PUBLISHED	ISSN 1000-4548 PERIOD MONTHLY FOUNDED: 1979

Books published by faculty Members

S.No.	Faculty Name	PUBLISHER NAME	TITLE OF THE BOOK PUBLISHED	STATUS OF PUBLICATION	ISSN NUMBER
1.	Dr. M. Amutha	Notion press	Database Management Systems	Published on 14.6.2022	Press ISBN No:9798885460064
2.	Mr S.Sreeraj				

**POWER SEMINAR CONDUCTED FOR STUDENTS BY
EXTERNAL FACULTIES**

Power Seminar has been Organized by the department of CSE and IT dated 19.4.2022 on the Topic of Devops and Cloud Computing and the resource Person was Mr Prasanth Ganesh COO of Pre skale Private Ltd in Association With Mr Lakshmi Ganth ICT Academy Co-ordiantor for the students of II Year and III Year CSE and IT

***Great Teachers emanate out of Knowledge ,passion and
compassion.***

— Dr APJ ABDUL KALAM

Thank You