Vision Mission

Our Vision

Our Vision is to impart the highest quality of Technical Education, provide impetus to Research and Development, foster innovation in the Technological growth, encourage Entrepreneurship and strive to solve problems of Mankind.

Our Mission

M1: Shaping Future Leaders – Cultivating the next generation of leaders through dynamic teaching and learning approaches while fostering a spirit of scientific inquiry to address global challenges.

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ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering started in 2014 offers B.Tech. Computer Science and Engineering. The Course is affiliated to the Pondicherry University. The Department has highly qualified and proficient faculty members in the areas of Networking, Algorithms, Web Technology, Web Services, Grid Computing, Cloud Computing, Data Mining and Artificial Intelligence. The Department with well equipped laboratory imparts quality practical education. The Department aims to create computer engineers who can make a mark in many aspects of computing, from the design of individual microprocessors, personal computers and supercomputers to circuit design.

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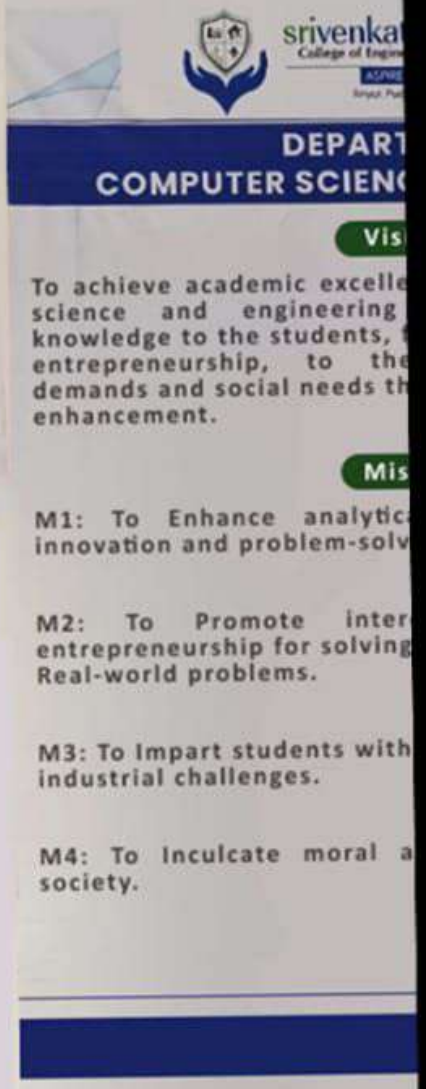

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ACADAMIC YEAR (2024-2025)EVEN SEMESTER
LIST OF SOFTWARE REQUIREMENT

S.NO	YEAR /SEMESTER	SUBJECT CODE	SUBJECTS	SOFTWARE	STAFF NAME	SIGNATURE
1	IV/VIII	CSPW8	Project	Standalone needed PCs	Dr.N.Balaji	
2	III/VI	CSP61	Enterprise solutions Laboratory	Oracle,SQL	Dr.N.Balaji & Ms.S.Vinitha	
		CSP63	Web Technology Laboratory	1.XAMPP (i)Apache Web Server (ii)PHP (iii)PHP My Admin (iv)My SQL 2.Java Development Kit 3.Visual Studio Code 4. Oracle,SQL	Mrs.D.Nagamany Ahlouni & Ms.S.Pavithra	
3	II/IV	CSPL402	Design and Analysis of Algorithms Laboratory	Python, Turbo c	Mrs.M.Lavanya & Ms.V.SiveShankari	
		CSPL403	Java Programming Laboratory	JDK Version 8 Eclipse or netbeans Oracle or MYSQL	Mrs.V.Saranya	

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ACADEMIC YEAR 2024 - 2025 (EVEN SEMESTER)
OS & DBMS LAB TIME TABLE

PERIOD	1	2	BREAK 10.25-10.35 AM	3	4	BREAK 12.25-1.00 PM	5	6	BREAK 2.40-2.50 PM	7	8
DAY / ORDER	8.45 - 9.30am	9.30 - 10.20am		10.35 - 11.25am	11.45 - 12.45pm		1.00 - 1.40pm	1.40-2.40pm		02.50 - 03.40pm	03.40 - 04.30pm
1								CRP LAB(III/A)		CRP LAB(III/A)	
2		CVV LAB (IV)		CVV LAB (IV)				CRP LAB(III/B)		CRP LAB(III/B)	
3								WT LAB (III-B)		WT LAB (III-B)	
4											
5		PROJECT-II		PROJECT-II				WT LAB (III-A)		WT LAB (III-A)	

SUBJECT CODE	SUBJECT NAME	NAME OF THE FACULTY	NO. OF PERIODS / NO. OF STUDENTS
	Practical		
CS P61	DataWise Solutions Lab(A)	Ms.S.Pavithra	3 / (66)
CS P61	DataWise Solutions Lab(B)	Dr.N.Balaji	3 / (66)
CS P63	Web Technology Lab(A)	Mrs.Nagamany Ahlouni	3 / (66)
CS P63	Web Technology Lab(B)	Ms.S.Pavithra	3 / (66)
CS P83	Comprehensive Viva Voce	Dr.R.Anitha	3 / (65)
CS P68	Project Phase II	Dr. H.Ravi	3 / (65)
		TOTAL	18

TIME TABLE COORDINATOR DEAN-ACADEMICS HOD VICE PRINCIPAL PRINCIPAL

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DEPARTMENT OF COMUPUTER SCIENCE AND ENGINEERING

...academic excellence in the field of computer science and engineering by ...meticulous knowledge to the students, facilitating research and ...entrepreneurship, to the ever-changing industrial demands and social needs through skill ...enhancement.

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...MENT OF COMPUTER SCIENCE & ENGINEERING

OS & DBMS LAB

SYSTEM CONFIGURATION DETAILS

...YSTEM	30 nos
	Intel @ core™ i3-10th GEN
	16GB
	256GB (SSD)
	20"

SYSTEM CONFIGURATION

Processor	Intel(R) Core(TM) i3-10110U CPU @ 2.10GHz 2.59 GHz
RAM	16.0 GB (15.8 GB usable)
System type	64-bit operating system, x64-based processor
Operating system	Windows 11 Pro

OS Lab: 30 systems
DBMS Lab: 30 systems

HOD/CSE

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IDEATHON – 2024

GRAND FINALE ON 26th JULY 2024

Instructions

- Open to all the students of SVCET
- Any number of Ideas can be submitted
- Team size:
  Individual or maximum 4 members per team

Timeline

Last date for Idea Submission: 12th July 2024

Idea Pitching: 19th July 2024

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PROJECT REPORT PHASE-I

PONDICHERRY UNIVERSITY

Submitted to in fulfilment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE AND ENGINEERING

By

NAHSIFA.J	**(Reg.21TD0629)**
RABIYATHUL BASEERA.A	**(Reg.21TD0634)**
AHFIFA.J	**(Reg.21TD0602)**
PRIYADHARSHINI.K	**(Reg.21TD0633)**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SRI VENKATESHWARAA COLLEGE OF ENGINEERING AND TECHNOLOGY

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DECENTRALIZED DDoS ATTACKS DETECTION AND PREVENTION USING ADAPTIVE LEARNING AND MITIGATION IN IoT NETWORKS

PROJECT REPORT PHASE – I

PONDICHERRY UNIVERSITY

Submitted to in fulfilment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE AND ENGINEERING

By

SHARMILA . P	**(Reg . 21TD0644)**
SANTHOSH . V	**(Reg . 21TD0638)**
DEEPIGA . S	**(Reg . 21TD0607)**
ABINAYA . V	**(Reg . 21TD0601)**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SRI VENKATESHWARAA COLLEGE OF ENGINEERING AND TECHNOLOGY

PUDUCHERRY – 605102

NOVEMBER - 2024

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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About Resource Person

Session 1
6:30 PM - 8:00 PM

Topic: Introduction to DevOps and Cloud Native Developments
Name of the Expert: Dr.N.Sivakumar
Designation & Organization: Professor /CSE,
Puducherry Technological University
Years of Exp: 20

Session 2
8:00 PM - 9:30 PM

Topic: Introduction to Containers and Docker
Name of the Expert: Dr.S.Senthilkumar
Designation & Organization: Assistant Professor / CSE,
UCE - BIT Anna University, Tiruchirapalli.
Years of Exp: 24

Session 3
6:00 PM - 7:30 PM

Topic: Container Orchestration with Kubernetes (with Hands-on)
Name of the Expert: Ravi Kulkarni
Designation & Organization: Devops Architect SSK Training & Consultant
Years of Exp: 12

Session 4
7:30 PM - 9:00 PM

Topic: Kubernetes Storage and Configurations
Name of the Expert: S.Milton Ganesh
Designation & Organization: AP / CSE, AnnaUniversity – Tindivanam
Years of Exp: 14

Session 5
6:00 PM - 7:30 PM

Topic: Building and Managing CI/CD Pipelines
Name of the Expert: Prabhakaran Ramadoss
Designation & Organization: Principal Software Engineer
Cadence Design Systems
Years of Exp: 12

Session 6
7:30 PM - 9:00 PM

Topic: Kubernetes with Helm : Package Management
Name of the Expert: Ravi Kulkarni
Designation & Organization: Devops Architect SSK Training & Consultant
Years of Exp: 12

Session 7
6:00 PM - 7:30 PM

Topic: Monitoring, Logging and Observability
Name of the Expert: Arun Rajendran,
Designation & Organization: PMP, Head – Midis Group, UAE.
Years of Exp: 16

Session 8
7:30 PM - 9:00 PM

Topic: Serverless Architectures in DevOps
Name of the Expert: Dr.P.Elumalaivasan
Designation & Organization: Assistant Professor / Data Science and Business System,SRM - Katankulathur
Years of Exp: 15

Session 9
6:00 PM - 7:30 PM

Topic: DevOps : GitOps Managing Kubernetes with Git (with Hands-on)
Name of the Expert: Mr.Vimal Raj
Designation & Organization: Associate System Engineer, TCS
Years of Exp: 10 Years 11 Months

Session 10
7:30 PM - 9:00 PM

Topic: DevSecOps : Integrating Security in CI/CD (with Hands-on)
Name of the Expert: Dr.N.Sivakumar
Designation & Organization: Professor /CSE,
Puducherry Technological University
Years of Exp: 20

Session 11
2:00 PM - 3:30 PM

Topic: DevOps : Micro Services Architectures in DevOps
Name of the Expert: R. Tamiliniyan
Designation & Organization: Assistant Consultant, TCS
Years of Exp: 11

Session 12
3:30 PM - 5:00 PM

Topic: Cloud – Native DevOps Tools and Best Practices (Hands-on)
Name of the Expert: Saravana Balaji
Designation & Organization: Assistant Professor / Dept of Computing, De Montfort University Kazakhstan, Almaty, Kazakhstan.
Years of Exp: 18

Session 13
5:00 PM - 7:30 PM

Topic: Advanced Kubernetes: Networking and Service mesh
Name of the Expert: Shalini
Designation & Organization: Skill Development Engineer in AWS
Years of Exp: 16

Registration Form

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Course and Certification

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Phone: 0413-2644426

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6 Days Online Basic Faculty Development Programme

on

DevOps for Cloud Native Development : Containers , Kubernetes and CI/CD Pipelines

From **03-02-2025** *to* **08-02-2025**

Organized by

Department of
Computer Science and Engineering

Coordinator

Dr. N. Balaji
Dean Academics cum Professor & Head/ CSE

Co- Coordinator

Dr. K. Andal
Associate Professor/ CSE

About the Institution

Sri Venkateshwaraaa College of Engineering & Technology (SVCET) is a vibrant Institute of higher education established in the year 2014 with the objective of producing globally competitive and ethical Engineers with Industrial exposure. SVCET is approved by All India Council for Technical Education (AICTE) New Delhi,affiliated to Pondicherry University, NAAC 'A' graded and ISO certified institute. Our institute is offering Undergraduate courses of ECE, CSE, BME, MECH and EEE and Post graduate course of MBA.

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Objective

Learn fundamental concept and advantages of serverless architectures compared to traditional server based models. Gain practical skills deploying serverless functions using popular platforms like AWS lambda or Knative on Kubernetes. Implement automation strategies for deploying and managing serverless functions within CI/CD pipelines.

Targeted Participants

Assistant Professors/Ph.D. Scholar /PG students

Important Dates

Register Before: 02.01.2025

All the participants are requested to register by scanning the QR code and filling the Google form

Contact Details of the Coordinator

nbalajihodcse@svcet.ac.in
9944199803

Coordinator Details

Name :Dr. N.Balaji
Designation :Dean - Academics cum Professor & Head
Department :CSE

Co-Coordinator Details

Name :Dr. K.Andal
Designation :Associate Professor
Department :CSE

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Shri. B. Ramachandiran, Chairman
Shri. B. R. Rajiv Krishna, Managing Director
Smt. Mousmi Rajiv Krishna, Executive Director
Dr. B. Vidhya, Chief Operating Officer

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Dr. K. B. Jayarraman, Vice Principal

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Mr. R. Venkedesh, HoD/EEE
Mr. S. Balaji, HoD/BME
Mr. V. Ganesan, HoD/S&H
Mrs. A. Anitha, HoD/MBA

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Dr. G. Amuthavalli, Head

Placement Cell

Mr. J. Anandharaj, Head

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Mrs. D. Nagamany Abirami, AP/CSE
Mrs. L. Sathiya, AP/CSE

Technical Committee

Ms. S. Vinitha, AP/CSE
Ms. S. Pavithra, AP/CSE
Mrs. M. Lavanya, AP/CSE