

ABOUT THE DEPARTMENT

The Computer Science and Business Systems Department bridges computer science with strategic business applications, making it a popular choice among students looking for CSBS colleges in Pondicherry and the best CSBS engineering college in Tamil Nadu. This interdisciplinary unit equips learners with the skills to navigate today's fast-changing tech scene and its impact on business. SMVEC is recognised among the top CSBS colleges in Pondicherry for its innovative teaching methods and industry-aligned syllabus. Developed in collaboration with TCS, the curriculum integrates technical knowledge with business acumen, equipping students to address the multifaceted challenges of the modern business world.

Vision

To predict and shape future technology and business trends while producing technically adept graduates who can meet global demand. By maintaining its standing among the top 20 computer science engineering colleges in Tamil Nadu, the department aims to lead regional innovation with the updated CSE Syllabus.

Mission

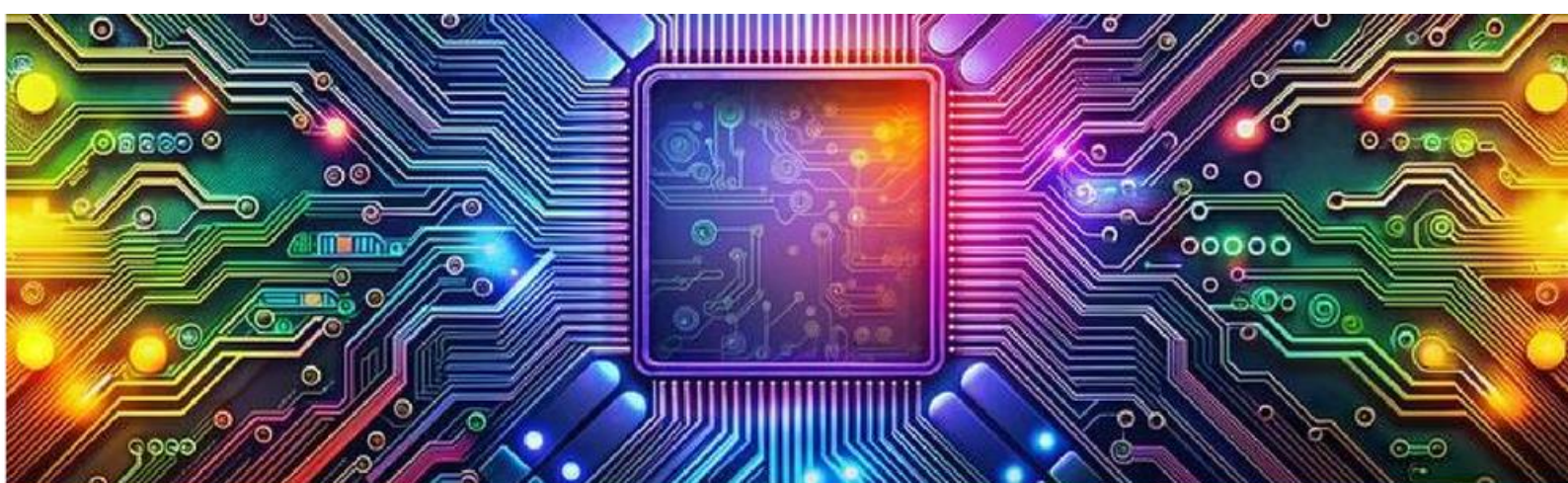
Implement innovative teaching tactics and a current curriculum to share information. Prepare graduates for the fast-paced IT field by teaching them fundamental computer and business skills.

Foster research and encourage ideas that keep us among the best CSE colleges in Pondicherry.

Instill moral values and ethical duties in graduates, training them to be socially responsible.

Programmes offered

- B.Tech - Computer Science and Business Systems



ABOUT THE INSTITUTE

Sri Manakula Vinayaga Educational Trust was founded to provide quality and affordable education to the weaker sections of society. The trust established Sri Manakula Vinayagar Engineering College (SMVEC) in 1999. SMVEC is an autonomous institution affiliated to Pondicherry University. It offers 13 undergraduate, 8 postgraduate and 11 Research programs in engineering. SMVEC has been accredited by NAAC with “A” grade and NBA. The institution is also accredited by TATA consultancy services. The college has a good placement record with students getting job offers from top companies in India and abroad. SMVEC students have won many awards and accolades for their academic achievements. To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve the society.

Vision

- To nurture the cornerstone of excellence in engineering education and drive innovation by seamlessly integrating the fundamentals of Science and Humanities

Mission

M1: Quality Education: To provide comprehensive academic system that amalgamates the cutting edge technologies with best practices.

M2: Research and Innovation: To foster value-based research and innovation in collaboration with industries and institutions globally for creating intellectuals with new avenues.

M3: Employability and Entrepreneurship: To inculcate the employability and entrepreneurial skills through value and skill based training.

M4: Ethical Values: To instill deep sense of human values by blending societal righteousness with academic professionalism for the growth of society.



Preface

The Reskill Inspirer Club of the Department of Computer Science and Business Systems, Sri Manakula Vinayagar Engineering College, serves as an innovative platform dedicated to fostering technical excellence blended with business acumen among students. The club is established with the vision of integrating computing technologies with modern business practices, thereby bridging the gap between engineering solutions and industry-driven management strategies. Reskill Inspirer actively encourages students to explore emerging domains through hands-on workshops, industry-oriented training programs, expert talks, hackathons, case study discussions, startup mentoring sessions, and collaborative projects, the club promotes experiential learning and practical exposure beyond classroom teaching. By nurturing analytical thinking, problem-solving abilities, leadership qualities, and entrepreneurial mindset, Reskill Inspirer prepares students to become future-ready professionals capable of adapting to dynamic technological and business environments. The club emphasizes interdisciplinary collaboration, encouraging students to combine technical proficiency with strategic decision-making and innovation management skills. The successful functioning of Reskill Inspirer is driven by a committed team of office bearers, including the President, Vice President, Treasurer, Technical Lead, and Business Strategy Lead, who work collectively with enthusiastic members to conceptualize, organize, and execute impactful academic and co-curricular initiatives. Their coordinated efforts ensure that the club consistently aligns its activities with industry requirements and institutional goals.



Mrs. V. Sivasankari
Reskill Inspirer Club



HoD/CSBS
Dr. N. Danapaquame



IQAC Coordinator
Dr. Arivalagar A A



Director Cum Principal
Dr. V.S.K. Venkatachalapathy

LIST OF EVENTS

S.No	<i>Title of the Events</i>
01	Full Stack Web Development with MERN
02	Mobile App Development with Flutter

OFFICE BEARERS

The Reskill Inspirer Club is led by a dedicated team of office bearers who play a vital role in driving the club's activities and fostering a culture of innovation. The team typically includes a President, Vice President, Secretary, Treasurer, and Technical Leads, each bringing unique skills and responsibilities to the table. These office bearers coordinate workshops, manage resources, mentor junior members, and oversee project development. Their leadership ensures smooth operation of the club while encouraging creativity, collaboration, and hands-on learning in the field of robotics. Through their efforts, the club continues to be a hub of technical excellence and a launchpad for future innovators.



Mrs. V. Sivasankari
Assistant Professor
Faculty Coordinator



Vijay K
III Year



Priyadhashni S
III Year



Praveen Kumar S
III Year



Rokhitha N
III Year



Kalanidhi S
III Year

PHOTO GALLERY



OUTCOMES OF THE EVENT

- ◆ Application Deployment: Students successfully built and deployed a basic CRUD (Create, Read, Update, Delete) application.
- ◆ API Integration: Participants learned how to connect a frontend application to a backend server using RESTful APIs.
- ◆ State Management: Students gained an understanding of how to manage data flow within an application using React Hooks.



SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)
(Accredited by NBA-AICTE, New Delhi, Accredited by NAAC with "A" Grade)
Madagadipet, Puducherry - 605 107



DEPARTMENT OF
COMPUTER SCIENCE AND BUSINESS SYSTEMS

Reskill Inspirer Club ANNUAL REPORT

(Academic Year: 2023 to 2024)

Reskill Inspirer Club
Mrs. V. Sivasankari
Assistant Professor
Faculty Coordinator

Full-Stack Web Development with MERN

This workshop focuses on modern web development using the MERN stack (MongoDB, Express.js, React, Node.js). It moves students from static HTML/CSS to building dynamic, data-driven web applications. The session involves setting up a server, creating a database schema, and building a responsive frontend.

Total Number of Participants: 60

Year of Students: III Year / IV Semester / A

Venue: Sri Manakula Vinayagar Engineering College, Madagadipet, Puducherry

Date: 01.08.2024

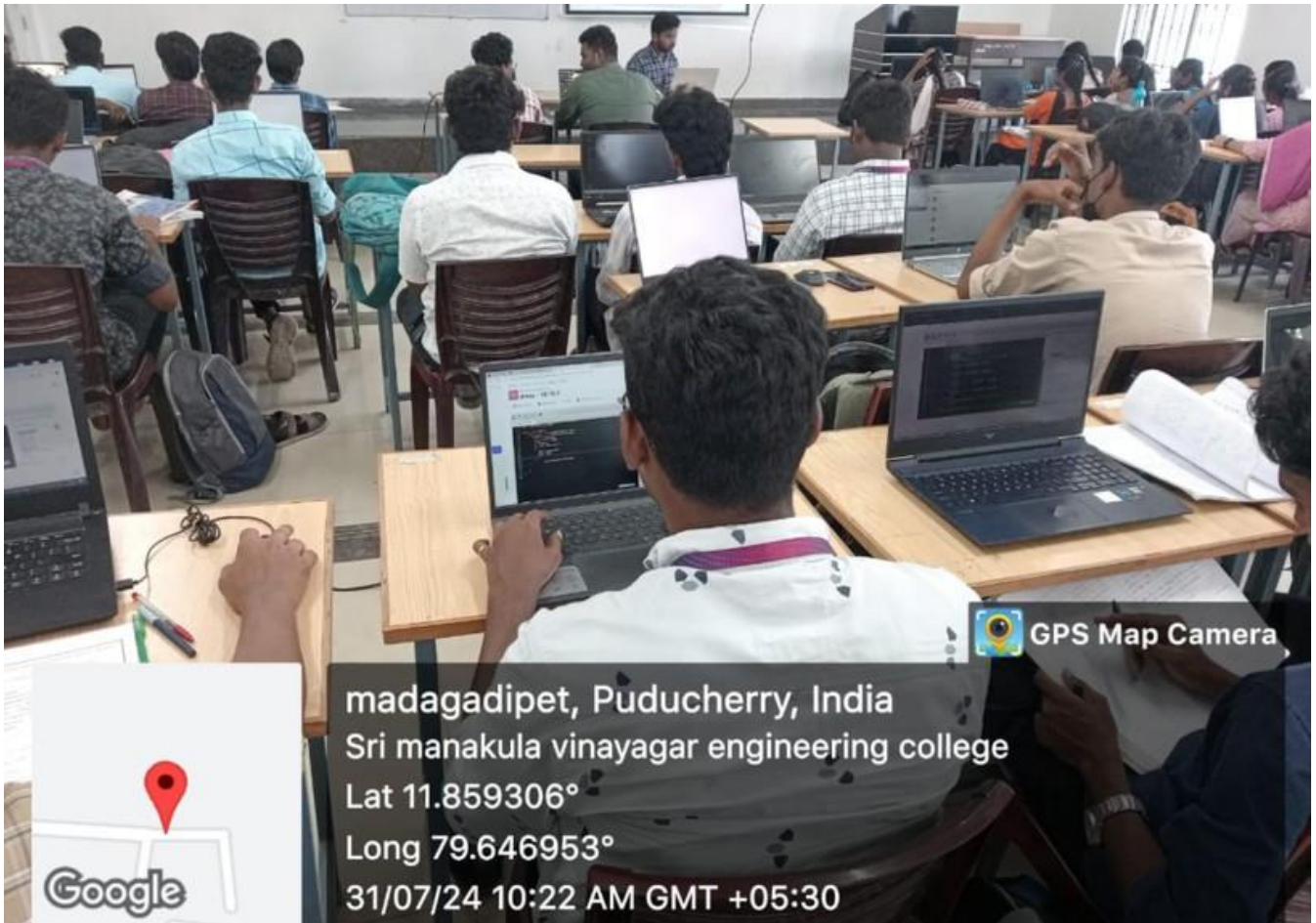
Event Coordinator: TechHuntersBizz Club

Mode of Activity: Technical Seminar & Live Demo

Objective of the Seminar

- ◆ **End-to-End Development:** To teach students the complete lifecycle of a web application, from backend API creation to frontend user interface design.
- ◆ **Database Management:** To provide practical knowledge on using NoSQL databases (MongoDB) for handling unstructured data efficiently.
- ◆ **Component-Based Architecture:** To explain the importance of reusable code components using the React.js framework.

PHOTO GALLERY



OUTCOMES OF THE EVENT

- ◆ Prototype Creation: Students created a working prototype of a mobile app with navigation and list views.
- ◆ Widget Mastery: Participants understood the hierarchy of widgets and how to customize them for specific design requirements.
- ◆ Market Readiness: Students gained insight into the mobile app market and the deployment process for the Play

Mobile App Development with Flutter

This session introduces students to cross-platform mobile application development, an approach that enables developers to build applications for multiple platforms—primarily Android and iOS—using a single codebase. Instead of writing separate applications for each operating system, cross-platform development allows code reuse, faster development cycles, easier maintenance, and consistent user experience across devices.

Total Number of Participants: 55

Year of Students: III Year / IV Semester / A

Venue: Sri Manakula Vinayagar Engineering College, Madagadipet, Puducherry

Date: 31.07..2024

Event Coordinator: TechHuntersBizz Club

Mode of Activity: Hands-on Coding Workshop

OBJECTIVE OF THE SEMINAR

- ◆ Cross-Platform Efficiency: To demonstrate how to reduce development time by writing code once for multiple platforms.
- ◆ UI/UX Implementation: To teach students how to design fluid and adaptive user interfaces using Flutter's widget ecosystem.
- ◆ Dart Programming: To introduce the Dart programming language as the foundation for modern mobile apps.

ABOUT RESKILL INSPIRER CLUB

The Reskill Inspirer Club of the Department of Computer Science and Business Systems is dedicated to exploring the dynamic convergence of technology and business innovation, guided by the overarching theme of “Empowering Future Leaders through the Integration of Technology and Business Intelligence.” The club serves as a vibrant platform where students transform theoretical knowledge into practical, industry-relevant solutions that address real-world business and technological challenges. Reskill Inspirer nurtures analytical thinking, strategic decision-making, and entrepreneurial skills. By fostering creativity, collaboration, and leadership, the club prepares students to excel in technology-driven enterprises and competitive global markets. Reskill Inspirer aims to produce technically proficient and business-savvy professionals capable of leading digital innovation and sustainable growth in modern organizations.

Objectives of Reskill Inspirer Club

The primary goal of Reskill inspirer club are as follows:

- To develop practical skills in technology-driven business solutions.
- To promote innovation and entrepreneurial thinking.
- To enhance analytical and strategic decision-making abilities.
- To update members on emerging technologies and business trends.
- To prepare students for competitions, placements, and startup initiatives.
- To encourage teamwork and interdisciplinary collaboration.

