



SRI MANAKULA VINAYAGAR  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



DEPARTMENT OF  
COMPUTER SCIENCE AND BUSINESS SYSTEMS

**Reskill Inspirer CLUB**  
**ANNUAL REPORT**  
(Academic Year: 2024 to 2025)


Submitted by  
Mrs. V. Sivasankari  
Assistant Professor Faculty  
Coordinator

## **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 Inspirerclub 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 Inspirerclub 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 TechBiZZ 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. Venkatachalapat

## **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.



## 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*

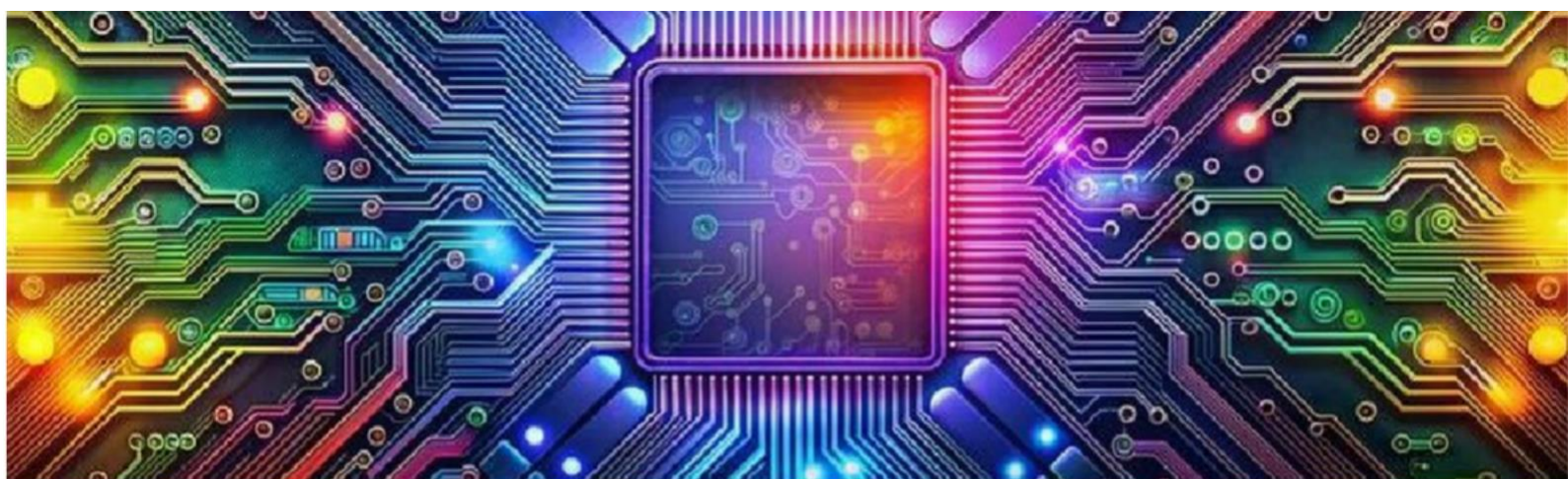
Implement innovative teaching tactics and a current curriculum to share information. Prepare graduates for the fast-paced IT field by teaching them fundamental computer and business skills.

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 RESKILLINSPIRER CLUB

The ReskillInspirer 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. ReskillInspirer 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. ReskillInspirer aims to produce technically proficient and business-savvy professionals capable of leading digital innovation and sustainable growth in modern organizations.

### *Objectives of RESKILLINSPIRER Club*

The primary goal of ReskillInspirer 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 team work and interdisciplinary collaboration.

## **| OFFICE BEARERS**

The ReskillInspire 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



**Kaviyah V**  
President  
II Year



**Divyanshu Gupta S**  
Vice President  
II Year



**Sushmitha K**  
Secretary  
II Year



**Nithishkkumar D**  
Technical Head  
II Year



**Anusha N B**  
Creative Head  
II Year

**LIST OF EVENTS****S.No*****Title of the Events***

01

SEMINAR ON “PYQUANT - EXPLORING PROBABILISTIC &amp; STATISTICS WITH PYTHON”

02

INNOVATIVE PATHWAYS: HANDS-ON LEARNING FOR THE NEXT GENERATION OF NETWORKING

## SEMINAR ON “PYQUANT-EXPLORING PROBABILISTIC & STATISTICS WITH PYT

The Mathematics and Data Science Club successfully organized a seminar titled “PyQuant – Exploring Probabilistic & Statistics with Python” on 12/03/2025 in virtual mode at the auditorium. The seminar aimed to strengthen students’ understanding of probability and statistics through practical implementation using Python. The session focused on applying statistical and probabilistic concepts using popular Python libraries such as NumPy, Pandas, Matplotlib, and SciPy. The resource person demonstrated how these tools can be used for data analysis, probability distributions, hypothesis testing, and statistical visualization. .

- Total Number of Participants : 110
- Year of students:II/IV
- Venue : SMVEC Auditorium
- Date : 12/03/2025
- Event Coordinator: Mrs. V. Sivasankari Mode
- of seminar: Offline

### Objective of the Seminar

- To strengthen students’ understanding of probability and statistical concepts using Python
- To provide hands-on exposure to statistical analysis and data visualization tools.
- To bridge the gap between theoretical mathematics and practical data-driven applications
- To encourage analytical thinking and interest in data science and research-oriented fields.

### Outcome of the Seminar

- Students gained practical understanding of probability and statistical concepts using Python.
- Participants developed skills in data analysis, visualization, and interpretation.
- These seminars enhanced analytical thinking and encouraged interest in data science and research fields.



Resource Person  
Mr. Karthikeyan SS  
Azim Premji Foundation,  
Chennai.



## DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEM

SMVEC/CSBS/SC/32.3/2022-23/001

12.03.2025

CIRCULAR

We would like to inform you that the "Reskill inspirer club", part of the Department of Computer Science and Business Systems, has planned to conduct a seminar on "Seminar on Py Quant - Exploring Probabilistic and Statistics with Python" for the second year students on 12.03.2025 at 10:00 am. Students are hereby instructed to participate in the event and enhance their technical knowledge in industrial automation.

Mrs. V.Sivasankari  
Reskill Inspirer Club

Hod/CSEBS  
(Dr. N. Danapaqulame)



  
**SRI MANAKULA VINAYAGAR**  
**ENGINEERING COLLEGE**  
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**Department of Computer Science and Engineering and Business Systems**  
*Organizes*  
**Value added Courses**

*A hands on workshop on*  
**“PyQuant-Exploring Probabilistic & Statistics with python”**  
 12th March | 10.00am-4.00pm | Final Year CSEBS classrom

**Fascinating Cipher**  
**Mr. SS. Karthikeyan**  
 Resource Person at Azim Premji Foundation,  
 Chennai.  
**Shri.M.Dhanasekaran**  
 Chancellor takshashila university, tindivanam,tamil nadu,chairman  
 and managing director,SMVE Trust  
*Presides*

<b>Dr.K.Narayanasamy</b> Secretary,SMVE Trust	<i>Will Felicitate</i> <b>Dr.V.S.K.Venkatachalapathy</b> Director cum principal,SMVEC <i>Welcomes</i>	<b>Shri.D.Rajarajan</b> Treasurer,SMVE Trust
<b>Dr.S.Jayakumar</b> Controller of Examinations	<i>Gratitude Note</i> <b>Dr.N.Danapaquame</b> HOD - CSEBS,SMVEC	<b>Dr.K.Velmurugan</b> Dean of Academics
<b>Dr.S.Anbumalar</b> Dean of Academics		
<b>Dr.A.A.Arivalagar</b> Dean of Academics	<b>Dr.N.S.N.Cailassame</b> Dean-Placement	

PHOTO GALLERY



## INNOVATIVE PATHWAYS: HANDS-ON LEARNING FOR THE NEXT GENERATION OF NETWORKING

The objective of the workshop was to provide participants with a practical understanding of IP Addressing and Subnetting, fundamental components of computer networking. The session aimed to equip students and staff with the technical skills needed to design efficient IP networks, manage IP ranges, calculate subnets, and configure networks with optimal use of resources. The focus was on real-world applications, binary calculations, classful addressing, subnet mask computation, and CIDR-based planning through engaging presentations and live subnetting exercises.

Date: 16.04.2025

Duration: 1 Day

Activity Category: Self Driven

Theme: "Simplifying Network Design: A Practical Approach to IP Addressing and Subnetting"

### Expert/Speaker Details



Name: Dr.S.Sivanesh

Designation: Asst. Professor(Sr.Gr), Department of CSE (CISCO Certified Instructor)

Organization: University College of Engineering (Panruti) Anna University

### Brief about Expert/Speaker:

Dr. S. Sivanesh, Assistant Professor (Sr. Grade) from the Department of Computer Science and Engineering at Anna University (UCE Panruti), served as the chief resource person. With over 15 years of academic and industry experience, Dr. Sivanesh is a seasoned expert in computer networks, cybersecurity, and embedded systems. He holds a Ph.D. in Information and Communication Engineering and is a CISCO-certified instructor with hands-on expertise in setting up network laboratories under TEQIP funding.

His contributions include the establishment of CISCO Academy Labs, numerous publications, conference participations, and keynote speeches across premier institutions. Known for his clarity and real-time teaching approach, Dr. Sivanesh guided the participants through complex networking concepts in a simplified, learner-friendly manner. His vast consultancy experience, such as designing LAN/Wi-Fi for Tamil Nadu National Law School, added great practical insight to the workshop.

#### Outcomes of the Event:

- **Foundational Clarity:** Participants gained a solid understanding of IP address classes (A, B, C), binary-to-decimal conversion, and dotted decimal notation.
- **Hands-On Subnetting Practice:** Participants practiced subnetting using CIDR and VLSM, calculating subnets, valid hosts, and broadcast addresses.
- **Live Demonstrations:** Engaging sessions using Power Point and subnetting exercise worksheets helped bridge theory and practice.
- **Subnet Planning Mission:** Students actively solved subnet planning challenges, including scenarios requiring division of networks for specific host requirements.
- **Real-Life Application:** Emphasis was placed on how subnetting helps in managing networks, optimizing IP resources, and minimizing wastage.

#### PHOTOS OF THE EVENT





