



SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)



**DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING AND
BUSINESS SYSTEMS**

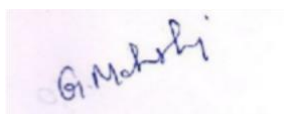
Tech Propel CLUB ANNUAL REPORT

(Academic Year: 2024 to 2025)

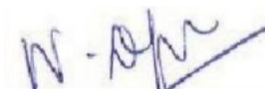
Submitted by Mrs.
G. Maheshwari
Assistant Professor
Faculty Coordinator

Preface

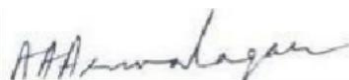
The *Tech Propel Club* of the Department of Computer Science and Business Systems, Sri Manakula Vinayagar Engineering College, serves as an innovative platform dedicated to fostering technical excellence blended with business acumen among students. The club is established with the vision of integrating computing technologies with modern business practices, thereby bridging the gap between engineering solutions and industry-driven management strategies. Tech Propel 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, Tech Propel 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 Tech Propel 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. G. Maheshwari
Club Coordinator



HoD/CSBS
Dr. N.
Danapaquame



IQAC
Coordinator Dr.
Arivalagar A A



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

uture plan of Action

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 TECH PROPEL CLUB

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

Objectives of Tech Propel Club

The primary goal of Tech Propel 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.



"Bits, Bytes, and Business Brilliance."

OFFICE BEARERS

The Tech Propel 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. G. Maheshwari
Assistant Professor
Faculty Coordinator



Logesh S
President
III Year



Adrina Suzanne G
Vice President
III Year



Stanley Jason Aime
Secretary
III Year



Krithiga B
Technical Head
III Year



Srivatsan K
Creative Head
III Year

HANDS-ON WORKSHOP: EMPOWERING INNOVATION AND STARTUP GROWTH WITH SCALABLE SOLUTIONS

To empower participants with strategic leadership insights and practical industry knowledge through the expertise of Mr. L. Pravin Kumar, enabling them to develop innovative and scalable solutions, enhance technical and entrepreneurial skills, build meaningful professional networks, and access mentorship, resources, and opportunities that support prototype development, talent growth, and real-world application of ideas in the technology and startup ecosystem.

Date: 15.11.2024

Duration: 9:00 AM to 5.00 PM

Activity Category: IIC Calendar/MIC Driven/Self Driven/Celebration

Theme: "Tech-Enabled Entrepreneurship: Scaling Startups for the Future".

Expert/Speaker Details



Name: Mr. L. PRAVIN KUMAR

Designation: HR & Managing Director

Organization: Nexgen Technology.

Brief about Expert/Speaker:

- **Mr. L. PRAVIN KUMAR** is an accomplished professional with extensive experience in human resource management, business strategy, and organizational leadership.
- As the HR & Managing Director of Nexgen Technology, he has been instrumental in driving workforce development, talent acquisition, and strategic business growth.
- With a strong background in leadership, innovation, and corporate management, he has played a key role in optimizing business operations and fostering a culture of excellence.

- His expertise in employee engagement, digital transformation, and HR best practices has helped organizations adapt to evolving industry trends and maintain a competitive edge.
- Beyond his corporate leadership, he is an industry speaker and mentor, actively sharing insights on leadership, career development, and the future of work, providing valuable guidance to professionals and aspiring entrepreneurs.

OUTCOMES:

- **Innovative Problem-Solving:** Participants will develop innovative and scalable solutions to real-world challenges through hands-on experience.
- **Prototype Development:** Teams will create functional prototypes, showcasing their ability to build scalable and impactful tech-driven solutions.
- **Networking Opportunities:** Participants will connect with industry experts, mentors, and fellow innovators, fostering valuable professional relationships.
- **Technical Skill Enhancement:** Hands-on coding sessions will enhance participants' technical skills, particularly in scalable architecture, cloud computing, and AI-driven solutions.
- **Entrepreneurial Mindset:** Participants will cultivate an entrepreneurial mindset, learning to identify opportunities, assess risks, and create scalable business models.
- **Access to Funding and Resources:** Select teams may receive funding, mentorship, and incubation support to refine and scale their solutions.
- **Real-World Application:** The workshop will provide practical insights into deploying scalable solutions for startups and enterprises.
- **Talent Development:** Participants will enhance their problem-solving abilities and leadership skills, increasing their employability in the tech and startup ecosystem.

PHOTOS:

