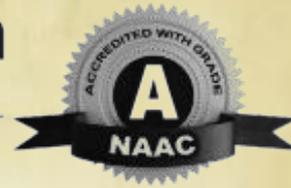




**srivenkateshwaraa**  
College of Engineering & Technology

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Ariyur, Puducherry-605 102.



# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2022-2023(EVEN SEM)

STUDENT SPOTLIGHT PUBLICATION

# NEWSLETTER

*The Daily News*

SRI VENKATESWARAA COLLEGE OF ENGINEERING AND TECHNOLOGY, ARIYUR,  
PONDICHERRY, IN ASSOCIATION WITH THE PUDUCHERRY TECHNOLOGICAL  
UNIVERSITY.



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# PRINCIPAL'S MESSAGE



**Dr.S.PRADEEP DEVANEYAN**  
**PRINCIPAL**

**DELIGHTFUL GREETINGS!**

IT IS WITH GREAT PRIDE AND ENTHUSIASM THAT I EXTEND MY WARMEST GREETINGS TO ALL STUDENTS, FACULTY, AND STAKEHOLDERS OF OUR ESTEEMED INSTITUTION. AS THE PRINCIPAL, I AM HONORED TO LEAD THIS COLLEGE TOWARDS ACADEMIC EXCELLENCE, INNOVATION, AND HOLISTIC DEVELOPMENT.OUR INSTITUTION STANDS AS A BEACON OF KNOWLEDGE, NURTURING YOUNG MINDS AND PREPARING THEM FOR THE CHALLENGES OF THE FUTURE. WITH A STRONG EMPHASIS ON QUALITY EDUCATION, RESEARCH, AND CHARACTER-BUILDING, WE STRIVE TO CREATE AN ENVIRONMENT THAT FOSTERS CREATIVITY, CRITICAL THINKING, AND LIFELONG LEARNING.COLLABORATION BETWEEN STUDENTS, FACULTY, AND INDUSTRY PARTNERS IS KEY TO OUR SUCCESS. I FIRMLY BELIEVE THAT EDUCATION GOES BEYOND TEXTBOOKS—IT IS ABOUT EMPOWERING INDIVIDUALS WITH SKILLS, VALUES, AND A VISION FOR A BRIGHTER FUTURE. TOGETHER, LET US CONTINUE OUR JOURNEY TOWARD EXCELLENCE, ENSURING THAT OUR COLLEGE REMAINS A CENTER OF KNOWLEDGE, INNOVATION, AND SUCCESS.

**BEST WISHES,**  
**Dr.S.PRADEEP DEVANEYAN**  
**PRINCIPAL**

# DEAN'S MESSAGE



**Dr.K.B.JAYARRAMAN**  
**DEAN OF ACADEMICS**

HEARTY GREETINGS!

AS THE DEAN OF ACADEMICS, MY PRIMARY RESPONSIBILITY IS TO UPHOLD AND ENHANCE THE ACADEMIC STANDARDS OF THE INSTITUTION. I OVERSEE CURRICULUM DEVELOPMENT, ENSURING THAT OUR PROGRAMS REMAIN INNOVATIVE, INDUSTRY-RELEVANT, AND ALIGNED WITH ACCREDITATION REQUIREMENTS. FACULTY DEVELOPMENT IS A KEY FOCUS, AS I WORK TO SUPPORT TEACHING EXCELLENCE, RESEARCH INITIATIVES, AND PROFESSIONAL GROWTH. I ALSO MANAGE STUDENT ACADEMIC AFFAIRS, IMPLEMENTING POLICIES, AND FOSTERING AN ENVIRONMENT THAT PROMOTES LEARNING AND INTELLECTUAL GROWTH. COLLABORATING WITH DEPARTMENT HEADS, I ENSURE SMOOTH ACADEMIC OPERATIONS, FACILITATE INTERDISCIPLINARY PROGRAMS, AND PROMOTE CONTINUOUS IMPROVEMENT IN TEACHING METHODOLOGIES. ADDITIONALLY, I PLAY A CRUCIAL ROLE IN POLICY-MAKING, ACCREDITATION PROCESSES, AND MAINTAINING THE INSTITUTION'S ACADEMIC REPUTATION. MY GOAL IS TO CREATE A DYNAMIC, STUDENT-CENTERED LEARNING ECOSYSTEM THAT PREPARES GRADUATES FOR SUCCESS IN THEIR CAREERS WHILE ADVANCING THE INSTITUTION'S ACADEMIC MISSION.

BEST WISHES,  
Dr.K.B.JAYARRAMAN  
DEAN OF ACADEMICS

# HOD'S MESSAGE



**Dr.N.BALAJI**

**HEAD OF THE DEPARTMENT,CSE**

HEARTY GREETINGS!

IT IS AN HONOR TO INTRODUCE MYSELF AS THE HOD OF THIS REMARKABLE INSTITUTION .AS THE HEAD OF THE CSE DEPARTMENT AND, I TAKE ON THE RESPONSIBILITY OF SHAPING BOTH DEPARTMENT-SPECIFIC ADVANCEMENTS AND THE BROADER ACADEMIC FRAMEWORK OF OUR INSTITUTION .AS THE HOD OF CSE, MY FOCUS IS ON ENSURING A DYNAMIC AND INDUSTRY-RELEVANT CURRICULUM, FOSTERING RESEARCH, AND GUIDING BOTH FACULTY AND STUDENTS TOWARD ACADEMIC AND PROFESSIONAL EXCELLENCE. I WORK CLOSELY WITH MY TEAM TO INTEGRATE EMERGING TECHNOLOGIES, ENHANCE LEARNING METHODOLOGIES, AND ESTABLISH MEANINGFUL INDUSTRY COLLABORATIONS.BALANCING THESE ROLE ALLOWS ME TO CONTRIBUTE TO BOTH THE SPECIALIZED GROWTH OF THE CSE DEPARTMENT. MY GOAL IS TO ENSURE THAT OUR STUDENTS RECEIVE THE BEST POSSIBLE EDUCATION, EQUIPPING THEM WITH THE SKILLS AND KNOWLEDGE TO EXCEL IN THEIR CAREERS WHILE FOSTERING A CULTURE OF RESEARCH AND INNOVATION.

BEST WISHES

Dr.N.BALAJI

HEAD OF THE DEPARTMENT,CSE

## **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 & 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.**

### **VISION**

**TO ACHIEVE ACADEMIC EXCELLENCE IN COMPUTER SCIENCE AND ENGINEERING BY IMPARTING IN DEPTH KNOWLEDGE TO THE STUDENTS, FACILITATING RESEARCH ACTIVITIES AND CATER TO THE EVER CHANGING INDUSTRIAL DEMANDS AND SOCIAL NEEDS.**

### **MISSION**

**TO BE RECOGNIZED AS AN INTERNATIONAL LEADER IN COMPUTER SCIENCE ENGINEERING EDUCATION RESEARCH AND THE APPLICATION OF KNOWLEDGE TO BENEFIT THE SOCIETY GLOBALLY.**

# WORKSHOP ON EXPLORING MODERN HR MANAGEMENT



**A HIGHLY ENGAGING WORKSHOP TITLED “LIMITED TO BASIC FUNCTIONALITIES WITHOUT EXPLORING PEOPLESOFT'S ROLE IN MODERN HR MANAGEMENT SYSTEMS” WAS CONDUCTED ON 28TH MARCH 2023 FOR THE III YEAR CSE STUDENTS, WITH AN OUTSTANDING 100% PARTICIPATION RATE. THE SESSION WAS LED BY Mr. V. JEEVAGAN, SENIOR SAP BASIS CONSULTANT, HCL TECHNOLOGIES, BANGALORE.THE WORKSHOP SHED LIGHT ON HOW PEOPLESOFT, A LEADING ENTERPRISE HR MANAGEMENT SYSTEM, EXTENDS FAR BEYOND ITS BASIC FUNCTIONS WHEN FULLY EXPLORED AND IMPLEMENTED. MR. JEEVAGAN PROVIDED VALUABLE INSIGHTS INTO REAL-WORLD APPLICATIONS OF PEOPLESOFT IN MODERN HR ECOSYSTEMS, ADDRESSING MODULES LIKE PAYROLL, EMPLOYEE PERFORMANCE, AND TALENT ACQUISITION.THE SESSION WAS INFORMATIVE AND EYE-OPENING, EQUIPPING STUDENTS WITH KNOWLEDGE OF ENTERPRISE-GRADE SOFTWARE TOOLS AND THEIR IMPACT ON BUSINESS PROCESS AUTOMATION IN THE HR DOMAIN.**

# **PUDUCHERRY STARTUPS EXPO AND DEMO DAY IS ORGANIZED BY PTU ATAL INCUBATION CENTER,**



**THE PTU ATAL INCUBATION CENTER SUCCESSFULLY ORGANIZED THE PUDUCHERRY STARTUPS EXPO AND DEMO DAY ON 28TH SEPTEMBER 2022, PROVIDING AN EXCELLENT PLATFORM FOR ASPIRING ENTREPRENEURS, INNOVATORS, AND STUDENTS TO EXPLORE THE DYNAMIC WORLD OF STARTUPS. AS PART OF THIS INITIATIVE, II AND III-YEAR STUDENTS FROM THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AT SRI VENKATESHWARAA COLLEGE OF ENGINEERING & TECHNOLOGY (SVCET) VISITED PONDICHERRY TECHNOLOGICAL UNIVERSITY (PTU), PUDUCHERRY, TO GAIN FIRSTHAND EXPOSURE TO EMERGING STARTUP ECOSYSTEMS. DURING THE VISIT, STUDENTS HAD THE OPPORTUNITY . THE EVENT SERVED AS A BRIDGE BETWEEN ACADEMIA AND INDUSTRY, ALLOWING STUDENTS TO INTERACT WITH STARTUP FOUNDERS, INDUSTRY EXPERTS, AND INCUBATORS, GAINING VALUABLE INSIGHTS INTO ENTREPRENEURIAL STRATEGIES, PRODUCT DEVELOPMENT, MARKET SCALABILITY, AND BUSINESS MODELS. THE EXPO SHOWCASED CUTTING-EDGE TECHNOLOGIES, WITH LIVE PRODUCT DEMONSTRATIONS, PROTOTYPE DISPLAYS, AND INTERACTIVE SESSIONS WHERE STUDENTS COULD EXPLORE THE JOURNEY OF STARTUPS FROM IDEATION TO EXECUTION. ADDITIONALLY,**

# **II, III, IV YEAR STUDENTS PREPARED FOR IDEATHON SPEAK SESSION HELD ON 10 TH MARCH 2023**



**THE STUDENTS OF II, III, AND IV YEAR FROM THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AT SRI VENKATESHWARAA COLLEGE OF ENGINEERING & TECHNOLOGY (SVCET) ACTIVELY PREPARED FOR THE MUCH-ANTICIPATED IDEATHON SPEAK SESSION, HELD ON 10TH MARCH 2023 AT THE SVCET CAMPUS. THE IDEATHON SPEAK SESSION WAS DESIGNED AS A PLATFORM FOR STUDENTS TO SHOWCASE THEIR INNOVATIVE IDEAS, CRITICAL THINKING ABILITIES, AND PROBLEM-SOLVING SKILLS IN VARIOUS DOMAINS OF TECHNOLOGY, BUSINESS, AND SOCIAL IMPACT. THE EVENT AIMED TO NURTURE CREATIVITY, ENCOURAGE ENTREPRENEURSHIP, AND ENHANCE PUBLIC SPEAKING CONFIDENCE AMONG STUDENTS. IN PREPARATION FOR THIS EVENT, STUDENTS ENGAGED IN BRAINSTORMING SESSIONS, IDEA VALIDATION, PROTOTYPE DEVELOPMENT, AND PRESENTATION REHEARSALS. FACULTY MEMBERS AND MENTORS PROVIDED GUIDANCE AND FEEDBACK TO REFINE THEIR IDEAS AND IMPROVE THEIR PRESENTATION SKILLS. PARTICIPANTS EXPLORED A WIDE RANGE OF TOPICS, INCLUDING ARTIFICIAL INTELLIGENCE, IOT, GREEN TECHNOLOGY, CYBERSECURITY, SMART SOLUTIONS, AND SUSTAINABLE DEVELOPMENT.**

# **WOMEN'S DAY CELEBRATION ORGANIZED BY THE DEPARTMENT ON 8TH MARCH 2022**



**THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AT SRI VENKATESHWARAA COLLEGE OF ENGINEERING & TECHNOLOGY (SVCET) CELEBRATED INTERNATIONAL WOMEN'S DAY ON 8TH MARCH 2022 WITH GREAT ENTHUSIASM AND APPRECIATION FOR THE CONTRIBUTIONS OF WOMEN IN VARIOUS SPHERES OF LIFE. THE EVENT WAS METICULOUSLY ORGANIZED BY THE FACULTY MEMBERS OF THE DEPARTMENT, AIMING TO RECOGNIZE AND HONOR THE STRENGTH, ACHIEVEMENTS, AND RESILIENCE OF WOMEN, ESPECIALLY IN THE FIELDS OF EDUCATION, TECHNOLOGY, AND LEADERSHIP. THE CELEBRATION FEATURED A SERIES OF ENGAGING ACTIVITIES, INCLUDING MOTIVATIONAL SPEECHES, CULTURAL PERFORMANCES, INTERACTIVE DISCUSSIONS, AND FELICITATION OF WOMEN ACHIEVERS. FACULTY MEMBERS AND STUDENTS CAME TOGETHER TO ACKNOWLEDGE THE ROLE OF WOMEN IN SHAPING SOCIETY AND FOSTERING PROGRESS IN ACADEMIA AND THE PROFESSIONAL WORLD.**

# ENLIGHTEN THE STUDENTS ON “DATA STRUCTURES”.



THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AT SRI VENKATESHWARAA COLLEGE OF ENGINEERING & TECHNOLOGY (SVCET) HAD THE DISTINCT HONOR OF HOSTING DR. N. SIVAKUMAR, A DISTINGUISHED ACADEMICIAN FROM PONDICHERRY TECHNOLOGICAL UNIVERSITY, FOR AN INTELLECTUALLY STIMULATING AND KNOWLEDGE-ENRICHING GUEST LECTURE ON THE TOPIC OF “DATA STRUCTURES.” THE SESSION WAS METICULOUSLY ORGANIZED WITH THE OBJECTIVE OF STRENGTHENING STUDENTS’ CONCEPTUAL UNDERSTANDING AND PRACTICAL GRASP OF DATA STRUCTURES – A FUNDAMENTAL COMPONENT OF COMPUTER SCIENCE THAT SERVES AS THE BACKBONE FOR EFFICIENT ALGORITHM DEVELOPMENT AND SOFTWARE DESIGN. DR. SIVAKUMAR, RENOWNED FOR HIS EXPERTISE IN THEORETICAL COMPUTER SCIENCE AND YEARS OF ACADEMIC AND RESEARCH CONTRIBUTIONS, DELIVERED A COMPREHENSIVE LECTURE THAT SPANNED BOTH FOUNDATIONAL AND ADVANCED TOPICS. HE EMPHASIZED THE CRITICAL ROLE OF DATA STRUCTURES IN PROBLEM-SOLVING, PERFORMANCE OPTIMIZATION, AND REAL-WORLD APPLICATIONS ACROSS VARIOUS DOMAINS OF TECHNOLOGY AND ENGINEERING. IN ADDITION TO THE TECHNICAL DEEP DIVE, DR. SIVAKUMAR ALSO ILLUSTRATED HOW THESE DATA STRUCTURES ARE APPLIED IN REAL-WORLD SCENARIOS – FROM OPERATING SYSTEMS AND DATABASE INDEXING TO WEB DEVELOPMENT AND ARTIFICIAL INTELLIGENCE. HE ENGAGED STUDENTS WITH PRACTICAL EXAMPLES AND ENCOURAGED ACTIVE PARTICIPATION THROUGH THOUGHT-PROVOKING QUESTIONS AND PROBLEM-SOLVING DEMONSTRATIONS.

# GUEST LECTURE ON "DESIGN AND ANALYSIS OF ALGORITHMS"



**THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AT SRI VENKATESHWARAA COLLEGE OF ENGINEERING & TECHNOLOGY (SVCET) ORGANIZED A GUEST LECTURE ON "DESIGN AND ANALYSIS OF ALGORITHMS" FOR II-YEAR CSE STUDENTS ON 6TH APRIL 2023. THE SESSION AIMED TO PROVIDE STUDENTS WITH IN-DEPTH KNOWLEDGE OF ALGORITHMIC PROBLEM-SOLVING TECHNIQUES, OPTIMIZATION STRATEGIES, AND EFFICIENCY ANALYSIS, WHICH ARE FUNDAMENTAL TO COMPUTATIONAL THINKING AND SOFTWARE DEVELOPMENT. THE SESSION WAS HIGHLY INTERACTIVE, WITH STUDENTS ACTIVELY PARTICIPATING IN PROBLEM-SOLVING EXERCISES, CODING CHALLENGES, AND DISCUSSIONS ON ALGORITHM OPTIMIZATION. THE GUEST SPEAKER ALSO SHARED INDUSTRY INSIGHTS, BEST CODING PRACTICES, AND COMPETITIVE PROGRAMMING STRATEGIES TO HELP STUDENTS EXCEL IN TECHNICAL INTERVIEWS AND HACKATHONS.**

# **A HEARTFELT FAREWELL DAY FUNCTION ON 15TH JULY 2022**



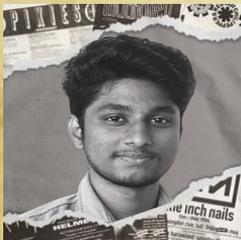
**THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AT SRI VENKATESHWARAA COLLEGE OF ENGINEERING & TECHNOLOGY (SVCET) ORGANIZED A TOUCHING AND MEMORABLE FAREWELL DAY ON 15TH JULY 2022 TO BID ADIEU TO THE GRADUATING FINAL-YEAR STUDENTS. THE EVENT WAS LOVINGLY ARRANGED BY THE II-YEAR AND III-YEAR STUDENTS, WHO CAME TOGETHER WITH GREAT ENTHUSIASM AND HEARTFELT EMOTIONS TO GIVE THEIR SENIORS A WARM AND UNFORGETTABLE SEND-OFF. THE FAREWELL FUNCTION WAS MORE THAN JUST A FORMAL GOODBYE—IT WAS A VIBRANT CELEBRATION FILLED WITH LAUGHTER, TEARS, MEMORIES, AND DEEP GRATITUDE. THE EVENT FEATURED A SERIES OF ENGAGING CULTURAL PERFORMANCES, FUN GAMES, HEARTFELT SPEECHES, AND A NOSTALGIC VIDEO MONTAGE THAT CAPTURED THE HIGHLIGHTS OF THE SENIORS' TIME AT SVCET. FACULTY MEMBERS ALSO SHARED ENCOURAGING WORDS AND BLESSINGS, RECOGNIZING THE ACCOMPLISHMENTS OF THE OUTGOING BATCH AND INSPIRING THEM TO EMBRACE FUTURE OPPORTUNITIES WITH CONFIDENCE AND INTEGRITY. THE FAREWELL DAY WAS TRULY A BLEND OF JOY AND REFLECTION—A CELEBRATION OF ACHIEVEMENTS AND BONDS FORMED OVER THE YEARS.**

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**MS.S.VINITHA**  
ASSISTANT PROFESSOR/CSE

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