

SVCET

DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING

STUDENT SPOTLIGHT PUBLICATION

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NEWSLETTER



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PRINCIPAL'S MESSAGE



Dr.S.PRADEEP DEVANEYAN
PRINCIPAL

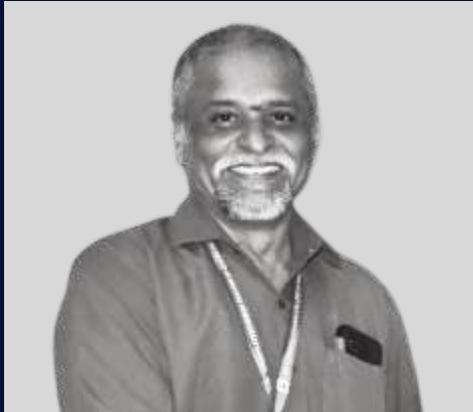
DELIGHTFUL GREETINGS!

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, ADDRESSING CONCERNS, 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.

GUIDANCE SESSION



THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CSE) AT SRI VENKATESHWARAA COLLEGE OF ENGINEERING AND TECHNOLOGY (SVCET) CONDUCTED A SPECIAL SESSION ON PLACEMENTS EXCLUSIVELY FOR FINAL-YEAR STUDENTS. THE SESSION WAS LED BY THE HEAD OF THE DEPARTMENT (HOD) WITH THE OBJECTIVE OF PREPARING STUDENTS FOR UPCOMING CAMPUS RECRUITMENT DRIVES AND INDUSTRY OPPORTUNITIES. HE HOD BEGAN THE SESSION WITH AN INSIGHTFUL OVERVIEW OF THE CURRENT PLACEMENT SCENARIO, HIGHLIGHTING TRENDS IN THE IT AND CORE SECTORS. THE DISCUSSION INCLUDED THE EVOLVING EXPECTATIONS OF RECRUITERS, SUCH AS THE IMPORTANCE OF PROBLEM-SOLVING SKILLS, HANDS-ON EXPERIENCE, COMMUNICATION ABILITIES, AND ADAPTABILITY. STUDENTS WERE BRIEFED ABOUT THE VARIOUS PLACEMENT OPPORTUNITIES AVAILABLE THROUGH ON-CAMPUS AND POOLED RECRUITMENT DRIVES, WITH DETAILED INSIGHTS INTO THE HIRING PROCESS OF TOP RECRUITERS LIKE TCS, INFOSYS, WIPRO, ACCENTURE, COGNIZANT, AND PRODUCT-BASED COMPANIES. THE HOD EMPHASIZED THE IMPORTANCE OF BUILDING A STRONG TECHNICAL FOUNDATION, ESPECIALLY IN AREAS LIKE DATA STRUCTURES, ALGORITHMS, DBMS, OPERATING SYSTEMS, AND PROGRAMMING LANGUAGES SUCH AS C, JAVA, AND PYTHON.

GUEST LECTURE ON CLOUD-BASED ERP SOLUTIONS



A COMPELLING GUEST LECTURE ON “CLOUD-BASED ERP SOLUTIONS AND SAAS ERP” WAS HELD ON 20TH JANUARY 2022 FOR THE III YEAR CSE STUDENTS, WITH AN EXCELLENT 96% PARTICIPATION. THE SESSION WAS CONDUCTED BY Mr. V. JEEVAGAN, SENIOR SAP BASIS CONSULTANT, HCL TECHNOLOGIES, THE LECTURE FOCUSED ON HOW CLOUD COMPUTING IS TRANSFORMING TRADITIONAL ERP SYSTEMS INTO MORE SCALABLE, FLEXIBLE, AND COST-EFFECTIVE SOFTWARE-AS-A-SERVICE (SAAS) MODELS. MR. JEEVAGAN EXPLAINED THE ARCHITECTURE, DEPLOYMENT MODELS, AND REAL-TIME BENEFITS OF CLOUD-BASED ERP PLATFORMS USED IN MODERN BUSINESSES. STUDENTS WERE INTRODUCED TO INDUSTRY-RELEVANT CONCEPTS SUCH AS MULTI-TENANCY, REAL-TIME DATA ACCESS, INTEGRATION CAPABILITIES, AND CLOUD SECURITY WITHIN THE ERP CONTEXT. THE SESSION PROVIDED A SOLID FOUNDATION IN UNDERSTANDING HOW BUSINESSES LEVERAGE CLOUD SOLUTIONS FOR ENTERPRISE RESOURCE PLANNING AND DIGITAL TRANSFORMATION. THE LECTURE WAS HIGHLY INFORMATIVE AND HELPED BRIDGE ACADEMIC LEARNING WITH CURRENT INDUSTRY PRACTICES IN ENTERPRISE TECHNOLOGY.

HANDS-ON TRAINING



A PRACTICAL HANDS-ON TRAINING SESSION ON “AUTOMATA TRANSITION USING JFLAP ONLINE COMPILER TOOL” WAS CONDUCTED ON 12TH MARCH 2022 FOR THE II YEAR CSE STUDENTS, ACHIEVING AN IMPRESSIVE 98% PARTICIPATION RATE. THE SESSION WAS LED BY Dr. M. THIRUMARAN, PROFESSOR, DEPARTMENT OF CSE, PONDICHERRY TECHNOLOGICAL UNIVERSITY. THE OBJECTIVE OF THE SESSION WAS TO STRENGTHEN STUDENTS’ UNDERSTANDING OF AUTOMATA THEORY, PARTICULARLY THE CONSTRUCTION AND VISUALIZATION OF FINITE AUTOMATA, PUSHDOWN AUTOMATA, AND TURING MACHINES. THROUGH THE USE OF JFLAP, AN INTERACTIVE TOOL DESIGNED FOR TEACHING FORMAL LANGUAGES AND AUTOMATA, STUDENTS GAINED HANDS-ON EXPERIENCE IN SIMULATING TRANSITIONS AND VALIDATING MACHINE BEHAVIOR. THE SESSION SUCCESSFULLY BRIDGED THEORETICAL CONCEPTS WITH PRACTICAL APPLICATION, ENHANCING STUDENT ENGAGEMENT AND CLARITY IN ONE OF THE CORE SUBJECTS OF COMPUTER SCIENCE. IT ALSO ENCOURAGED STUDENTS TO EXPLORE COMPUTATIONAL THEORY THROUGH EXPERIMENTATION AND VISUAL LEARNING.

FAREWELL DAY CELEBRATION



THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CSE) AT SRI VENKATESHWARAA COLLEGE OF ENGINEERING AND TECHNOLOGY (SVCET) ORGANIZED A WARM AND EMOTIONAL FAREWELL FUNCTION TO BID ADIEU TO THE OUTGOING FINAL-YEAR STUDENTS. THE EVENT WAS FILLED WITH JOY, NOSTALGIA, AND APPRECIATION AS FACULTY AND JUNIORS CAME TOGETHER TO CELEBRATE THE ACHIEVEMENTS AND MEMORIES OF THE GRADUATING BATCH. THE FUNCTION COMMENCED WITH A TRADITIONAL WELCOME AND INVOCATION SONG, FOLLOWED BY THE LIGHTING OF THE CEREMONIAL LAMP. THE HEAD OF THE DEPARTMENT (HOD) DELIVERED A HEARTFELT ADDRESS, CONGRATULATING THE STUDENTS ON THEIR ACADEMIC JOURNEY AND EXPRESSING BEST WISHES FOR THEIR FUTURE ENDEAVORS. HE APPRECIATED THE CONTRIBUTIONS MADE BY THE FINAL-YEAR STUDENTS TO THE DEPARTMENT IN ACADEMICS, CO-CURRICULAR ACTIVITIES, AND TECHNICAL ACHIEVEMENTS. THE FACULTY MEMBERS TOOK THE OPPORTUNITY TO SHARE THEIR THOUGHTS AND MEMORIES, OFFERING GUIDANCE AND ENCOURAGEMENT FOR LIFE BEYOND COLLEGE. THEY EXPRESSED THEIR PRIDE IN WITNESSING THE TRANSFORMATION OF STUDENTS INTO CONFIDENT PROFESSIONALS READY TO TAKE ON THE CHALLENGES OF THE INDUSTRY.

WORKSHOP ON EXPERIENTIAL LEARNING IN CYBERSECURITY



A HIGHLY INTERACTIVE WORKSHOP FOCUSING ON EXPERIENTIAL LEARNING IN CYBERSECURITY WAS CONDUCTED ON 5TH APRIL 2022 FOR THE IV YEAR CSE STUDENTS, ACHIEVING 100% PARTICIPATION. THE SESSION WAS LED BY Dr. A. KANNAKI, ASSOCIATE PROFESSOR, ACET.

THE OBJECTIVE OF THE SESSION WAS TO STRENGTHEN STUDENTS' UNDERSTANDING OF AUTOMATA THEORY, PARTICULARLY THE CONSTRUCTION AND VISUALIZATION OF FINITE AUTOMATA, PUSHDOWN AUTOMATA, AND TURING MACHINES. THROUGH THE USE OF JFLAP, AN INTERACTIVE TOOL DESIGNED FOR TEACHING FORMAL LANGUAGES AND AUTOMATA, STUDENTS GAINED HANDS-ON EXPERIENCE IN SIMULATING TRANSITIONS AND VALIDATING MACHINE BEHAVIOR. THE SESSION SUCCESSFULLY BRIDGED THEORETICAL CONCEPTS WITH PRACTICAL APPLICATION, ENHANCING STUDENT ENGAGEMENT AND CLARITY IN ONE OF THE CORE SUBJECTS OF COMPUTER SCIENCE. IT ALSO ENCOURAGED STUDENTS TO EXPLORE COMPUTATIONAL THEORY THROUGH EXPERIMENTATION AND VISUAL LEARNING.

FACULTY EDITORIAL BOARD



Ms.K.ANDAL

ASSISTANT PROFESSOR/CSE

STUDENT EDITORIAL BOARD



EZHILARASAN

2ND YR CSE