



Bhoj Reddy Engineering College for Women

(Sponsored by Sangam Laxmibai Vidyapeet, Accredited by NAAC with A Grade approved by AICTE and affiliated to JNTUH)

Recognized by UGC under section 2(f) of the UGC Act, 1956

Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana.

www.brecw.ac.in



SPARKLES

TECHNICAL MAGAZINE

2025

Volume 7

Department of

Computer Science and Engineering



Founders of Sangam Laxmibai Vidyapeet

Sangam Laxmibai Vidyapeet is a voluntary social action group working for empowerment of women and girls. Registered under the Andhra Pradesh Societies Registration Act, It is a not-for-profit organization working in the field of education since 1952.

The Management of the Vidyapeet makes every effort to fulfill the vision of its founders K V Ranga Reddy, Sangam Laxmibai, Mamidi Bhoj Reddy, Bojjam Narsimhulu, Pasham Papaiah, A Shyamala Devi, P Lalitha Devi, B Ramdev, MH Guptha who are no more with us.

Sangam Laxmibai Vidyapeet

Established in 1952



K V Ranga Reddy
(1890-1970) Founder
President



Sangam Laxmibai
(1911-1979) Founder
Secretary



M Bhoj Reddy
(1919-2001)
Founder Treasurer

The Vidyapeet manages 5 Educational institutions for Girls and Women

- M H Guptha High School for Girls
- Sangam Laxmibai Junior College for Girls
- K V Ranga Reddy Degree College for Women Bojjam
- Narsimhulu Pharmacy College for Women Bhoj Reddy
Engineering College for Women

INDEX

1.About BRECW	2
2.Department of CSE Vision and Mission	3
3. Programme Outcomes (PO's) & Program Specific Outcomes(PSO's)	4
4.Principal's Message	5
5.HOD's Message	6
6.Faculty Achievements	7
7.Student Achievements	18

About BRECW

Bhoj Reddy Engineering College for Women is run by Sangam Laxmibai Vidyapeet, a voluntary organization dedicated to educational excellence and women's empowerment.

BRECW was established in the year 1997 and it is managed by an executive committee consisting of persons with a vast experience in the field of education. Within a short period, it has emerged as one of the premier Engineering colleges in the state.

The College campus has the unique advantage of being located in the heart of the city and yet free from noise and dust pollution. With considerable open space and greenery spread over 6.5 acers of land, the campus provides an ideal ambience for the engineering education of girls.

BRECW Vission

BRECW develops confident and articulative young women into dynamic Engineers equipped with skills, knowledge, values and an attitude to contribute to the society.

BRECW Mission

- BRECW is committed to providing a challenging, enriching, safe and supportive technical learning environment through its core values of responsibility, respect and compassion.
- Fosters intellectual, spiritual and personal development of young women so that they develop the tools necessary to lead meaningful lives.
- Offers academic curriculum along with an extensive co-curricular program with the support of dedicated staff who ensure that students identify their strengths and develop their skills such as teamwork, leadership, creativity and entrepreneurship.
- Develops independent, adaptable thinkers with a passion for learning, courage to take risks and initiative to apply what is learned.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CSE)

The future of computing and information systems rests with engineers in the field of Computer Science and Engineering (CSE). The program aims to advance, evolve, and strengthen the fundamentals of computer science and computing engineering while building intellectual and research capabilities in the domains of science, engineering, and technology. It equips students with the knowledge and skills required for the development and effective application of computing and information technology systems. The department is supported by well-established computer laboratories equipped with modern infrastructure to facilitate effective learning and research.

Department Mission

- To become a world-class technical center for making women into dynamic Computer Science Engineers of tomorrow.

Department Vision

- To impart high quality professional training in a challenging and safe environment with an emphasis on noble values.
- To encourage women engineers to upgrade their programming, analyzing, and developing skills in building computing algorithms for leading meaningful lives.
- To make learning process exciting and interesting through curricular and co-curricular program with staff moulding them into leaders and entrepreneurs.
- To nurture the students with the required skills to solve technical problems of modern society with courage and confidence.

SOUTH BLOCK



Programme Outcomes (PO's)

PO1 - Engineering Knowledge:

Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2 - Problem Analysis:

Identify, formulate, review, research, literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 - Design/Development of Solutions:

Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4 - Conduct Investigations of Complex Problems:

Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions.

PO5 - Modern Tool Usage:

Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO6 - The Engineer and Society:

Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

PO7 - Environment and Sustainability:

Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate knowledge of the need for sustainable development

PO8 - Ethics:

Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 - Individual and Team Work:

Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 - Communication:

Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11 - Project Management and Finance:

Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12 - Life-long Learning:

Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSO's)

PSO I: Identify suitable data structures and algorithms to design and develop computing solutions for real-life problems.

PSO II: Able to excel in various programming, project competitions and technological challenges laid by professional societies.

Principal's Message



Dr G Shyama Chandra Prasad

Ph.D., ISTE., Principal

Dear Students,

Empowerment of girl students for their versatile progress through education is our cherished motto. BRECW is established to create, nurture, and shape technical professionals and leaders to create an inclusive and sustainable society in a national and international perspective.

At BRECW, we provide high-end undergraduate education and research opportunities in new frontiers of Engineering and Technology with special focus towards Leadership & Innovation. Students are provided with opportunities for interaction with the experts from the Industry through Guest Lectures, Industrial Visits, Vocational Training (internships), Seminars and Workshops etc. To align with the curriculum, we have excellent faculty, state-of-the-art infrastructure and laboratories. Spacious green campus, good library and peaceful atmosphere ensures that learning becomes a wonderful experience.

I firmly believe that our institute is more than just a place to learn. It provides students with opportunities for growth by equipping them with everything needed to achieve excellence. At BRECW we ensure students to get the best start to their future career so that they could become smart and responsible citizens of our glorious country.

I wish all the students a grand success in their career and prosperity in their future life.

HOD's Message



Dr M Vinod

M.Tech (CSE) , Ph.D.

HOD-CSE

Email: hod.cse.brecw@gmail.com

Dear Students,

It gives me a great pleasure to present Sparkles-2025, the annual technical magazine of the Department of Computer Science & Engineering, Bhoj Reddy Engineering College for Women. This magazine showcases the creativity, intellect, and innovation nurtured within our department. It features a blend of insightful articles highlighting emerging technological frontiers contributed by our dedicated faculty and sincere students. I believe that the content presented in this edition exhibits research interests and academic pursuits of our Faculty and Students that are thought-provoking perspectives which will not only engage the readers but also inspire them to explore new horizons in the field of computer science. The edition also showcases the faculty and student achievements during this academic year. I congratulate the editorial team and all contributors for their valuable efforts in bringing out this enriching compilation.

FACULTY ACHIEVEMENTS

Professional Contributions, Memberships & Academic Activities for Academic Year 2024–2025

Dr G Shyama Chandra Prasad - Professor and Principal

- Dr. G. Shyama Chandra Prasad – Acted as Session **Chair at Chaitanya Bharathi Institute of Technology** and contributed as Resource Person for the FDP on AI, IoT, and Cloud Computing for Smart and Secure Integrated Engineering Systems; holds Life Memberships in ISTE, ERDA, IAENG, and SDIWC, and is an Associate Member of IE(I).

Mr G Dayakar Reddy

- **Resource Person:** Java OOP Workshop (Sridevi WEC), Next-Gen Data Structures (VITS)
- **Paper Publications (UGC):** A Web Service to Generate Intelligent Previews of Web Links, KidShield/Hazard Detection, Hear Smoking, Graph CNN For Drug Discovery, Multilingual News Portal, Fitfury Streak, SSCLNet: Brain MRI Classification
- **Journals:** International Journal of Analytical and Experimental Modal Analysis (IJAEMA), International Journal for Research in Applied Science & Engineering Technology (IJRASET), International Journal of Engineering & Science Research (IJESR)
- **Workshop and FDP Attended:** Java Full Stack (React+AI) (SSIT)

Dr M Vinod

- Resource Person: Data Mining (Mahaveer Institute), Digital & Computer Forensics (SIT)
- Paper Publications (UGC): Dialect AI, Secure Computation Offloading, Detection of Autism Spectrum Disorder, BRECW Job Way, Data Driven Diagnosis of Pesticide Poisoning, Femina Forecast, Dhansootra
- Journals: International Journal of Engineering & Science Research (IJESR), Journal of Interdisciplinary Cycle Research (JICR)
- Workshop and FDP Attended: Java Full Stack (React+AI) (SSIT)

FACULTY ACHIEVEMENTS

Professional Contributions, Memberships & Academic Activities for Academic Year 2024–2025

Dr B Raveendranadh Singh, Professor

Patents: An Artificial Intelligence Based Method for Detecting Diabetic Retinopathy (Application No. 202341066711), A System and Method for AI Enhanced Digital Video Forensics (Application No. 202331064964), A Data Science and AI Enabled Framework for Network Security (Application No. 202241074805)

Paper Publications (UGC): Nocturnal Surveillance Framework for Vehicle Detection, FoodFolio, StyleRevive, Event-Ease, Load Balancing in Mobile Networks Using Deep RL, IoT in Patient Monitoring

Journals: IJESR

Workshop and FDP Attended: Cyber Security (Sapthagiri NPS University)

Dr P Deepthi

Resource Person: Cybersecurity & Ethical Hacking (Arjun College), Cyber Security Trends (Stanley College), Research Methodology (CMR College)

Paper Publications (Scopus): Privacy Preservation on Social Networks Using Kangaroo Method

Paper Publications (UGC): Lepre Tracker, Flashlearn, Shoplytics, 6G Communications, Math Manus, AI Learning Companion, Ping Pong 3D, Quicktap, Quizmania, COVIS, Traffic Clearance

Journals: Cognitive Science and Technology, IJRASET, IJESR

Workshop and FDP Attended: ATAL FDP Generative AI (Vasavi), Blockchain & CyberSec (Priyadarshini), CSE Innovations (CBIT)

Ms M Vineela - Associate Professor

Resource Person: Teaching–Learning Practices (Methodist College), OBE (Guru Nanak College)

Paper Publications (UGC): Smart Farming, ORF Detection, Accommodation Finder, Image Cartoonization, IoT Profiling, SmartSentry, Video Captioning, Drowsiness Detection, Ingredient Detection, AutoApply, SignConnect, Rainfall Prediction, ASTRA, Web Agency, Climate Change Adaptation

Journals: IJESR, IJAEMA, IJRASET

Workshop and FDP Attended: Java Full Stack (SSIT), CSE Innovations (CBIT), Blockchain & Cyber Security (Priyadarshini), AI Soft Computing (DSAC), Deep Learning (NREC)

FACULTY ACHIEVEMENTS

Professional Contributions, Memberships & Academic Activities for Academic Year 2024–2025

Dr P Sumalatha, Associate Professor

Patents: A Deep Learning Framework for Automatic Early Crop Disease Detection (Application No. 202441019346)

Resource Person: Deep Learning (Vardhaman College), AI & Data Analytics (TKR College), ML & Generative AI (Sreyas Institute)

Paper Publications (Scopus): Camouflaged Object Detection, Android Malware Detection Classifier

Paper Publications (UGC): Bird Species Identification, Bridgy App, GRADMATE, Ransomware Detection, Temperature Forecasting, DeepGuard, Neural Radiance Field, Anomalynet, Cybersecurity AI, Violence Detection, Custom Couture, DataVisIQ, INSTRUMETA

Journals: Panamerican Mathematical Journal, IJCNC, IJESR, IJAEMA, IJMEC

Workshop and FDP Attended: Java Full Stack (SSIT), ATAL FDP Generative AI (Vasavi), Blockchain & CyberSec (Priyadarshini)

Dr R Dinesh Kumar

Patents: A Machine Learning Method for the Large-Scale Evaluation of Urban Visual Environment (Application No. 202541007651)

Resource Person: Practical Scripting Techniques for Automation and Web Development (Mahaveer Institute of Science and Technology), Embedded Systems & Internet of Things (Matrusri Engineering College)

Paper Publications (Scopus): Elevating IoT Healthcare Security Using ProSRN and ICOM Methodologies for Effective Threat Management

Paper Publications (UGC): Student Team Maker, Trust-Based Privacy-Preserving Photo Sharing, Document Digitization, Block Vault, Sustainascan, Networking Services, Waste Tracker, Dynamic Security Analysis on Android, SYMPTO/MED

Journals: International Journal of Information Technology, IJESR, IJMEC

Workshop and FDP Attended: Java Full Stack (SSIT), IGNITE Certification Program (JNTUH)

Ms K Shireesha

Resource Person: Mastering Data Structures (Samskruti College), Problem Solving Techniques using Data Structures (St. Peter's Engineering College)

Paper Publications (UGC): Mulberry Leaf Disease Detection, Agriculture Wastage Management, Abnormal Traffic Detection, Dynamic Travel Route Optimizer, Book My Shoot, JOB SPHERE, Phishing Detection System, Intelligent Traffic Management, Home Serve Hub, Placify, Internship Portal Management, Autoseat, PCOS Detection, Mobile Time Capsule, Intelli Stock, Pet Connect

Journals: IJESR, IJAEMA

Workshop and FDP Attended: Recent Technological Innovations in CSE (CBIT), Java Full Stack (SSIT)

FACULTY ACHIEVEMENTS

Professional Contributions, Memberships & Academic Activities for Academic Year 2024–2025

Mr Mohammed Arshad Hussain

Paper Publications (Scopus): Securing the Web: Mitigating Common Vulnerabilities and Enhancing Web Application Security

Paper Publications (UGC): TouchCart, Crop Yield Prediction, Secure Land Registration via Ethereum Blockchain, Online Exam Results Reliability Model, Students Placement Management, Schedule Sync, Quick-Fix Home Maintenance Service, STYLE SWAP, Crime Evidence Management, Smart Automatic Aquarium Monitoring

Journals: International Journal of Applied Science Engineering and Management, IJESR, International Journal of Information Technology and Computer Engineering

Workshop and FDP Attended: Cloud Architect (ExcelR Edtech), AI Applications in Banking and Healthcare (ExcelR Edtech), AI and Gen AI with Industry Application (ExcelR Edtech)

Ms N Sudha Laxmaiah

Paper Publications (UGC): Start Up Connect, Educational Certificate Verification System Using Blockchain, Graphical Password Authentication, Face Recognition Alert System, Cotton Leaf Disease Detection, Farmers Marketplace Website, Handwritten Medical Note Recognition, Sports Arena Booking, Secure Blockchain IoT Software Update Framework, YouTube Transcript Summarizer, Fake Logo Detection

Journals: IJESR, JICR

Workshop and FDP Attended: The Revolution of Large Language Models (LLMs) in Artificial Intelligence (Vidya Jyothi Institute of Technology)

Ms AVS Radhika, Assistant Professor

Paper Publications (UGC): Student Abnormal Behaviour Recognition, Optimized VR Video Offloading, Robotics in Healthcare, Android Malware Detection, Underwater Image Enhancement, Saree Classification, Stock Visualization, Data Mesh, Skill Block, Offensive Language Detection, Smart Diabetes System, Software Defect Prediction, FIT N STYLE, Arcade Game, Online Fuel Delivery

Journals: IJESR, IJAEMA

Workshop and FDP Attended: Blockchain and Cyber Security (Priyadarshini College), Recent Technological Innovations in CSE (CBIT), IGNITE Certification Program (JNTUH)

FACULTY ACHIEVEMENTS

Professional Contributions, Memberships & Academic Activities for Academic Year 2024–2025

Ms A Hima Bindu, Assistant Professor

Paper Publications (UGC): NexGen AI: Genius, Heart Failure Prediction, Breast Cancer Prediction, Employee Attrition Prediction, College Canteen Automation, Human and LLM Annotations Comparison, Railway Track Fault Detection, Fabric To Virtual Dress, BidNexus, Anomaly Detection in IoT Networks, Fitfusion-AI

Journals: IJESR

Workshop and FDP Attended: Cyber Security (Sapthagiri NPS University)

Ms Amtul Shanaz, Assistant Professor

Paper Publications (UGC): Diabetes Prediction through Retinal Imaging, My Policy Mate, Product Demand Prediction using Azure Databricks, CodeCrew, SilentMate, Blockchain-Based Event Detection, BizNest, Resume Optimization Tool, Autoencoder Based Gas Detection, Farm Tech Lease, Unified Property Management

Journals: International Journal of Modern Electronics and Communication Engineering, IJESR

Workshop and FDP Attended: Cyber Security (Sapthagiri NPS University)

Ms B Pravalika, Assistant Professor

Paper Publications (UGC): Heart Attack Prediction Using Retinal Images, Virtual Air Canvas, Womanzi, StudyFlow, Bone X-Ray Analysis, QTrack, Fastfix Garage, Automatic Personality Recognition, Spammer Detection, Wildfire Detection

Journals: IJESR, IJAEMA

Workshop and FDP Attended: Java Full Stack (SSIT)

FACULTY ACHIEVEMENTS

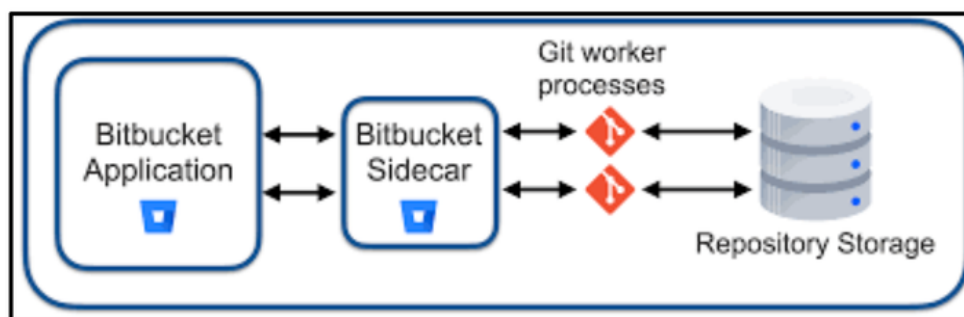
Working Models & Innovative Projects Developed during Academic Year 2024–2025

Mr G Dayakar Reddy

Implement BitBucket Operations

Implement core Bitbucket operations to manage software development workflows, including repository creation, branching, and pull requests. The project should allow users to collaborate by reviewing code, merging changes, and managing permissions.

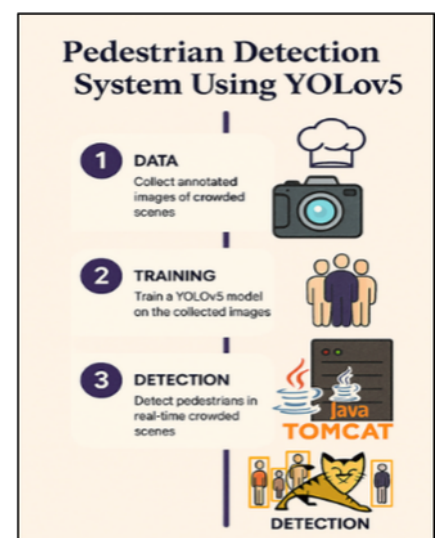
It must demonstrate practical version control skills through real-time operations on Bitbucket. The goal is to provide hands-on experience with modern DevOps and collaborative coding practices



Pedestrian Detection System Using YoloV5 in Crowded Places

Detecting pedestrians accurately in crowded environments is a major challenge due to frequent occlusions, varying poses, and complex backgrounds. Traditional detection methods often fail to identify individuals reliably, especially in real-time scenarios such as markets, malls, and busy streets.

This project aims to develop a pedestrian detection system using YOLOv5, leveraging its advanced deep learning architecture to achieve high-speed and high-accuracy detection even in dense crowds. The solution enhances public safety, traffic management, and surveillance by providing robust and real-time pedestrian localization.



FACULTY ACHIEVEMENTS

Working Models & Innovative Projects Developed during Academic Year 2024–2025

Dr M Vinod

Install & Configure Docker on Ubuntu Server

Modern application development requires lightweight, portable, and consistent environments that traditional manual setups fail to deliver efficiently. Docker provides containerization capabilities, but installing and configuring it correctly on servers can be challenging for beginners and system administrators.

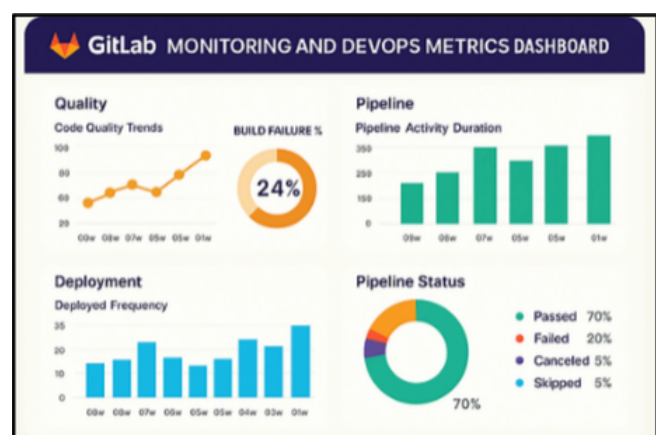
This project aims to set up Docker on an Ubuntu server, configure essential services, and validate container functionality to support application deployment. The solution ensures a reliable, scalable, and standardized environment for running containerized applications in development or production.



Ms M Vineela

GitLab Monitoring and DevOps Metrics Dashboard

In order to track CI/CD performance, the project focuses on integrating external monitoring tools and setting GitLab's built-in analytics. It offers real-time visibility into code quality trends, build failures, deployment frequency, and pipeline duration. To assist teams in analyzing productivity, finding bottlenecks, and enhancing DevOps efficiency, a personalized dashboard is developed. By providing lucid insights into development and operational KPIs, the solution facilitates data-driven decision-making.



FACULTY ACHIEVEMENTS

Working Models & Innovative Projects Developed during Academic Year 2024–2025

Dr P Deepthi

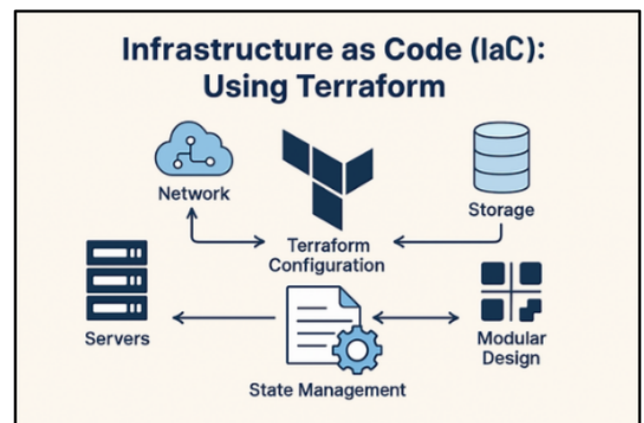
Demonstrating Infrastructure as Code (IaC) with Terraform

The project showcases how cloud infrastructure can be automated, managed, and provisioned using Terraform's Infrastructure as Code approach.

It involves writing reusable Terraform configurations to deploy servers, networks, storage, and related resources.

State management, version control, and modular design are implemented to ensure consistent and repeatable deployments.

The project highlights efficiency gains by reducing manual effort and improving reliability in cloud infrastructure management.



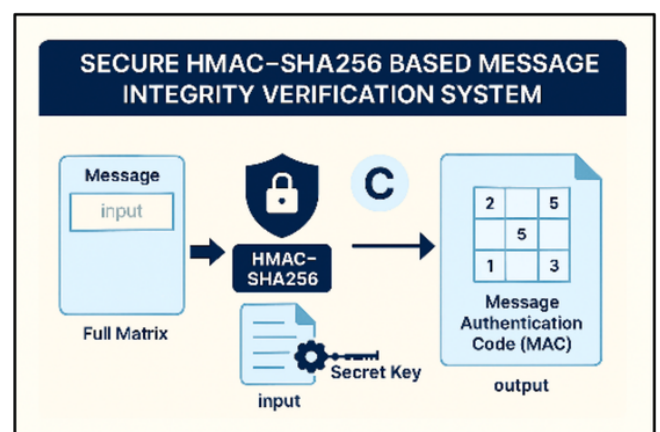
Secure HMAC/SHA256 Based Message Integrity Verification System

Ensuring message integrity is critical in secure communication, where unauthorized modifications must be detected immediately.

This project aims to implement an HMAC/SHA256 generator that allows users to input a message and a secret key to produce a Message Authentication Code (MAC).

The system will verify message authenticity by recalculating the MAC and detecting any tampering or alteration.

By demonstrating how HMAC ensures integrity and authenticity, the project provides a practical understanding of cryptographic security mechanisms.



FACULTY ACHIEVEMENTS

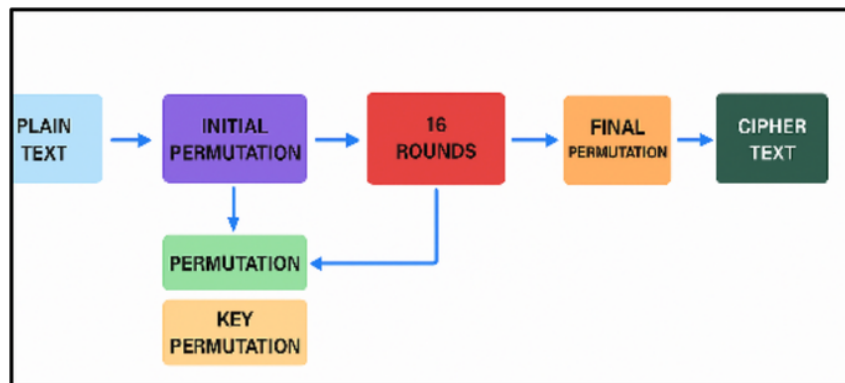
Working Models & Innovative Projects Developed during Academic Year 2024–2025

Ms N Sudha Laxmaiah

Modular DES Workflow Simulator

Despite being an older standard, DES is still taught in cryptography courses. Students often find it difficult to follow the multiple rounds of permutations and substitutions.

This project provides a step-by-step simulator with a graphical interface to visualize DES operations, making it easier to compare with modern algorithms like AES.



Ms AVS Radhika

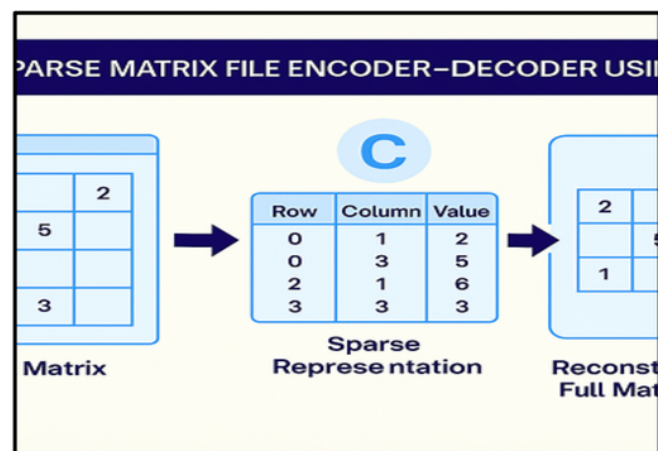
Sparse Matrix File Encoder–Decoder Using c

The project implements a system in C that converts a traditional matrix file into a compressed sparse matrix representation.

It scans the full matrix, identifies non-zero elements, and stores only their row index, column index, and value to reduce storage.

A decoder module then reconstructs the original matrix by reading the sparse representation and generating the full matrix file.

The solution demonstrates efficient memory usage, file handling, and data transformation techniques using the C programming language.



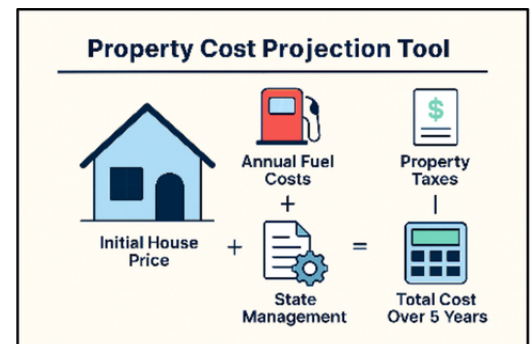
FACULTY ACHIEVEMENTS

Working Models & Innovative Projects Developed during Academic Year 2024–2025

Dr P Sumalatha

Property Cost Projection Tool with Tax and Fuel Calculations

Purchasing a new house requires evaluating not just the initial cost, but the long-term financial commitment associated with ownership. Buyers must consider recurring expenses such as annual fuel costs and property taxes to estimate the true cost over time. This project aims to develop a program that computes the total cost of owning a house over a five-year period by adding the initial house price, fuel expenses for five years, and taxes calculated annually based on the tax rate. The tool will help users make informed decisions by providing a clear and accurate projection of overall property expenses.

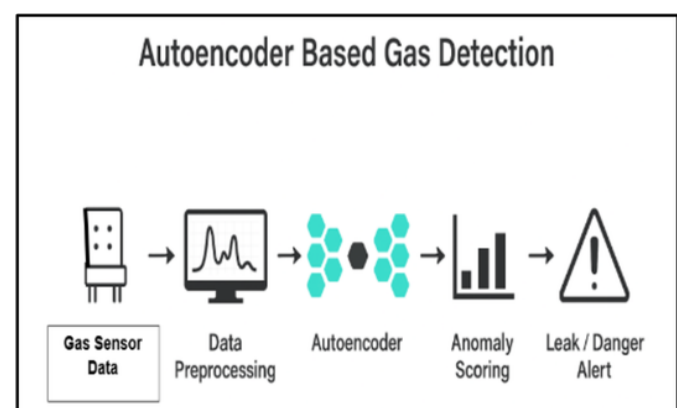


Ms K Shireesha

Autoencoder Based Gas Detection

Detecting harmful gases in industrial and environmental settings is essential to ensure safety and prevent hazardous incidents. Traditional gas detection systems often struggle with noisy sensor data, overlapping gas signatures, and limited ability to recognize abnormal patterns.

This project aims to develop an autoencoder-based gas detection model that learns normal gas sensor behavior and identifies deviations indicative of leaks or dangerous gas levels. By leveraging unsupervised learning, the system provides an efficient, accurate, and real-time solution for anomaly-based gas detection.



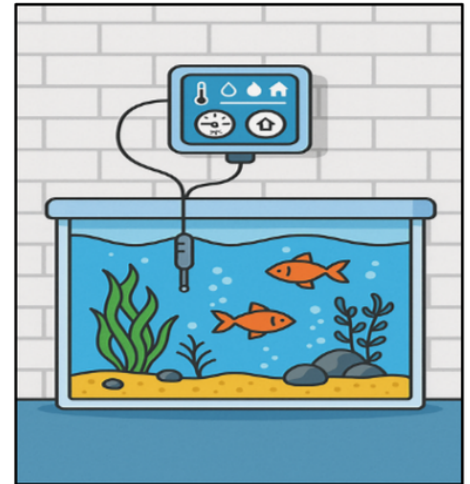
FACULTY ACHIEVEMENTS

Working Models & Innovative Projects Developed during Academic Year 2024–2025

MS B Hima Bindu

Smart Automatic Aquarium Monitoring System

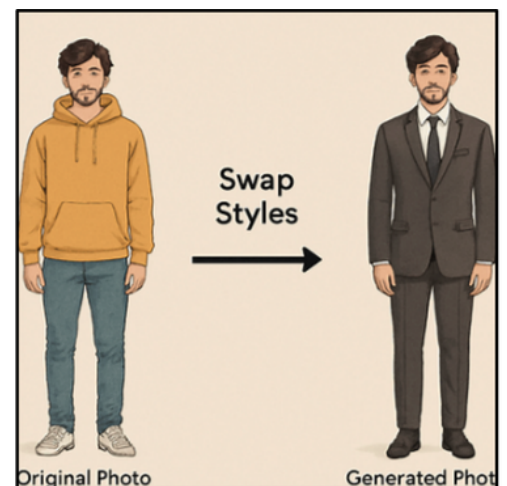
Maintaining a healthy aquarium environment requires continuous monitoring of parameters such as temperature, pH, light, and water level, which can be difficult for fish owners to manage manually. Inconsistent monitoring can lead to stress, disease, or even death of aquatic life. This project aims to develop a smart automatic aquarium monitoring system that uses sensors, microcontrollers, and automated controls to track water conditions in real time and take corrective actions when needed. The solution ensures a stable aquatic ecosystem while reducing manual effort and improving overall aquarium management efficiency.



Mr Mohamad Arshad Hussain

Style Swap

Visual content creators often need to apply artistic styles from one image onto another, but manual editing is time-consuming and requires advanced design skills. Traditional image filters fail to capture the richness of artistic patterns, textures, and brushstrokes. This project aims to implement a Style Swap system that uses deep learning techniques to transfer the style of a reference image onto a target image while preserving its original content. The solution provides a fast, intuitive, and high-quality method for artistic image transformation suitable for designers, photographers, and creative applications.



STUDENT ACHIEVEMENTS

MERIT AWARDS

Academic Merit Award — Semester I Recognizing students from First Year to Final Year who demonstrated outstanding academic excellence in Semester I of the academic year.



Academic Merit Award — Semester II Recognizing students from First Year to Final Year who upheld exceptional academic performance and continued their pursuit of excellence in Semester II of the academic year.



STUDENT ACHIEVEMENTS

National Entrepreneurship Challenge 2025 — E-Cell, IIT Bombay

Team Eternal Forge secured *All India Rank 100* and emerged as *National Finalists* in the *National Entrepreneurship Challenge (NEC) 2025*, organized by **E-Cell, IIT Bombay*, Asia's largest student-run entrepreneurship body. NEC is a six-month, multi-stage national competition that evaluates student teams on entrepreneurship, innovation, strategy, and execution across a series of rigorous challenges held over several days at IIT Bombay.



The initiative to participate in NEC '25 was taken by “Midhath Firdouse, who conceptualized and coordinated the team’s entry into the competition, driving the preparation across ideation, strategy, and execution phases. The team was led by Midhath Firdouse under her leadership comprised , Asritha Balu, Akshitha Samala, Yalla Yashaswi Reddy, Akshadha Vanaparthi, and Konduru Lekhasree”, who together demonstrated consistent effort, collaboration, and problem-solving excellence to reach the national stage.



STUDENT ACHIEVEMENTS & PARTICIPATION

ACADEMIC YEAR 2024-25

ATHLEMA: STATE-LEVEL SPORTS FEST 2K24 - MVSR Engineering College (8-9 Aug 2024)

ThrowBall (4): Keshamoni Akshitha (23321A0510, II CSE-A), Narra Hema Sri (23321A0540, II CSE-A), J. Keerthi Reddy (23321A0547, II CSE-A), B. Hema (23321A0539, II CSE-A) | Basketball (3): G. Siri (II CSE-B), Puru Ruchitha (23321A0581, II CSE-B), J. Vaishnavi (23321A05B9, II CSE-B) | Kabaddi (2): M. Spandana (III CSE-B), P. Sriya (23321A05B1, II CSE-B) | Chess (2): Madiha Imam (23321A0552, II CSE-A), Shravani Katakam (23321A0590, II CSE-B) | Carroms (2): B. Manasa Reddy (23321A0555, II CSE-A), C. Aishwarya Reddy (23321A0502, II CSE-A)

CSE students demonstrated exceptional competitive excellence at prestigious state-level championship.



STUDENT ACHIEVEMENTS & PARTICIPATION

ACADEMIC YEAR 2024-25

VARDHAMAN COLLEGE SPORTS CHAMPIONSHIP

(28-30 October 2024)

ThrowBall (1): Gade Shreya Reddy (23321A0591, II CSE-B)

Basketball (3): J. Vaishnavi (23321A05B9, II CSE-B), Puru Ruchitha (23321A0581, II CSE-B), V. Kalyani (II CSE-B)

Volleyball (3): J. Keerthi Reddy (23321A0547, II CSE-A), D. Keerthi (23322A0420, II CSE-A), Hema (23321A0539, II CSE-A)

CSE contingent showcased strong coordination and competitive performance across multiple sports.



VNRVJIET 2024 SPORTS CHAMPIONSHIP

Basketball (3): R. Sri Lalitha Kalyani (23321A05A5, II CSE-B), Puru Ruchitha (23321A0581, II CSE-B), B. Sri Varsha (23321A05A7, II CSE-B)

Volleyball (5): J. Keerthi Reddy (23321A0547, II CSE-A), Narra Hema Sri (23321A0540, II CSE-A), B. Hema (23321A0539, II CSE-A), P. Akhila (22321A0507, III CSE-A), S. Nasreen (22321A0593, III CSE-B)

Other Sports (3): A. Snithika (II CSE-B), Pranathi (23321A0569, II CSE-B), Shubhasri (24321A05A2, I CSE-B)

Strong representation across multiple sporting disciplines with impressive competitive standards.



Total CSE Athletes: 25 unique students (Sections A & B, I-III Year) | Sports Disciplines: Multiple categories (ThrowBall, Basketball, Kabaddi, Volleyball, Chess, Carroms) | Competitions: 3 major inter-college championships (MVS Athlema, Vardhaman College, VNRVJIET) | Peak Participation: Basketball (10 players), Volleyball (8 players) | Year Distribution: I Year (1), II Year (18), III Year (6)

CSE students exemplify institutional excellence by balancing technical proficiency with athletic achievement, embodying the vision of well-rounded engineering professionals capable of excelling across all domains.

Academic Year: 2024-25

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