



**ADHIYAMAAN COLLEGE OF ENGINEERING  
(AUTONOMOUS)**

**AFFILIATED TO ANNA UNIVERSITY, CHENNAI**

**APPROVED BY AICTE NEW DELHI  
Accredited with NAAC 'A' GRADE**

**Dr. M.G.R. Nagar, HOSUR - 635130**

**DEPARTMENT  
OF  
COMPUTER SCIENCE AND ENGINEERING**

**ACT NEWSLETTER**

**(ASSOCIATION OF COMPUTER TECHNOCRATS)**

**CHRONICLES' 21**



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ABOUT US

IN THE WORLD OF INFORMATION TECHNOLOGY, THE HUMAN LIFE WILL BE INCOMPLETE WITHOUT THE ROLE OF COMPUTER SCIENCE. COMPUTER SCIENCE AND ENGINEERING AT ACE WAS INAUGURATED IN THE YEAR 1991. THE INTAKE OF B.E. COMPUTER SCIENCE AND ENGINEERING IS 180 AND M.E. COMPUTER SCIENCE AND ENGINEERING IS 12. HERE WE EMPOWER STUDENTS WITH THE TOOLS AND IDEAS THAT CAN BE APPLIED ANYWHERE BOTH IN COLLEGE AND BEYOND. WE AIM AT MOLDING THE STUDENTS INTO HIGHLY QUALIFIED TECHNOCRATS AND TO MAKE THEM GOOD CITIZENS OF OUR NATION TO SERVE THE INDUSTRY AND SOCIETY. B.E. COMPUTER SCIENCE AND ENGINEERING PROGRAMME HAS A HEARTFELT TEAM OF DEDICATED FACULTY MEMBERS WITH A SOUND KNOWLEDGE IN VARIOUS AREAS AND IT HAS THE STATE-OF-ART FACILITIES FOR VARIOUS LABORATORIES AND SUPPORTS SMART CLASS LEARNING.

PERIODIC GUEST LECTURES, WORKSHOPS ARE ORGANIZED THROUGH CSI , ISTE&IE(I) AND ICT ACADEMY STUDENT CHAPTERS FOR THE BENEFIT OF STUDENTS TO SUPPLEMENT THEIR CURRICULUM. THIS FACILITATES THE STUDENTS TO ENRICH THEIR KNOWLEDGE AND TO UPDATE THE CURRENT INDUSTRY TRENDS. AN ACTIVE PLACEMENT TRAINING IS FUNCTIONING WITH FULL IN TOP-NOTCH COMPANIES. THE DEPARTMENT SHOWS EXCELLENT PERFORMANCES IN EXAMINATIONS, PLACEMENT, RESEARCH AND CONSULTANCY, CONTINUING EDUCATION PROGRAMMES, INDUSTRY INSTITUTE PARTNERSHIP, AND PUBLICATION BY FACULTY MEMBERS AND PG STUDENTS. ABOUT 90% OF THE STUDENTS ARE PLACED IN VARIOUS MNCS. THE STUDENTS ARE ENCOURAGED TO PARTICIPATE IN VARIOUS ACTIVITIES LIKE PAPER PRESENTATION, SPORTS ACTIVITIES AND CULTURAL ACTIVITIES.

### SALIENT FEATURES

1. HIGHLY QUALIFIED AND EXPERIENCED FACULTY.
2. CONDUCIVE ACADEMIC ENVIRONMENT
3. SPECIAL GUIDANCE TO ADVANCED LEARNERS
4. FREE INTERNET ACCESS
5. ARTS OF SELF-DEFENSE FOR FEMALE STUDENTS

## INSTITUTION

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### **VISION**

TO FOSTER ACE AS A CENTER FOR NURTURING AND DEVELOPING WORLD CLASS ENGINEER AND MANAGERS WHO CONVERT GLOBAL CHALLENGES INTO OPPORTUNITIES THROUGH VALUE-BASED QUALITY EDUCATION.

### **MISSION**

- TO IMPART VALUE BASED QUALITY EDUCATION THROUGH EFFECTIVE TEACHING-LEARNING PROCESSES.
- TO NURTURE CREATIVITY, EXCELLENCE AND CRITICAL THINKING BY APPLYING GLOBAL COMPETENCY FACTORS TO CONTRIBUTE AND EXCEL IN THE RAPIDLY GROWING TECHNOLOGICAL WORLD.
- TO CONTINUOUSLY DEVELOP AND IMPROVE HOLISTIC AND INNOVATIVE PERSONALITY FOR GLOBAL MOBILITY.
- TO MAKE ACE A CENTER FOR EXCELLENCE.

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### **VISION**

TO MOULD YOUNG AND FRESH MIND INTO CHALLENGING PROFESSIONALS WITH ETHICAL VALUES AND SHAPING THEM WITH CONTEMPORARY SKILLS TO CONTRIBUTE FULLY IN THE CURRENT AND FUTURE DEMANDS

### **MISSION**

- TO PRODUCE COMPETENT AND QUALITY PROFESSIONALS BY IMPARTING COMPUTER CONCEPTS AND TECHNIQUES AND A ZEST FOR HIGHER STUDIES.
- TO FACILITATE THE STUDENTS TO WORK WITH MODERN TOOLS, INVENTIVE TECHNOLOGIES AND INNOVATIVE RESEARCH CAPABILITIES.
- TO BUILD LEADERSHIP QUALITIES IN THE STUDENTS BY INculcATING THE SPIRIT OF ETHICAL VALUES.

## MESSAGE FROM PRINCIPAL



I EXTEND MY HEARTFELT GREETINGS TO THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

YOUR HARD WORK, DEDICATION, AND INNOVATIVE SPIRIT HAVE SIGNIFICANTLY CONTRIBUTED TO THE EXCELLENCE AND PRESTIGE OF THEIR EXCEPTIONAL ACCOMPLISHMENTS IN ACADEMICS, CO-CURRICULAR AND EXTRACURRICULAR ACTIVITIES. I ALSO WANT TO ACKNOWLEDGE THEIR CONTRIBUTIONS TO SCHOLARLY PUBLICATIONS, PATENTS, AND CONFERENCE PRESENTATIONS NOT ONLY ENHANCE THE ACADEMIC STANDING BUT ALSO INSPIRE THE STUDENTS TO STRIVE FOR EXCELLENCE.

**DR G RANGANATH**  
**PRINCIPAL**

THE DEPARTMENT'S SUCCESS IN ORGANIZING A RANGE OF EVENTS PROVIDE THE STUDENTS WITH INVALUABLE LEARNING EXPERIENCES AND OPPORTUNITIES TO ENGAGE WITH INDUSTRY EXPERTS AND THOUGHT LEADERS. SUCH EVENTS PLAY A CRUCIAL ROLE IN BRIDGING THE GAP BETWEEN THEORETICAL KNOWLEDGE AND PRACTICAL APPLICATION, PREPARING THE STUDENTS TO EXCEL IN THEIR FUTURE CAREERS.. AS WE MOVE I ENCOURAGE EVERYONE TO CONTINUE FOSTERING A COLLABORATIVE AND INNOVATIVE ENVIRONMENT THAT NURTURES GROWTH AND EXCELLENCE.

CONGRATULATIONS TO THE DEPARTMENT FOR YOUR REMARKABLE ACCOMPLISHMENTS.

## MESSAGE FROM HOD



I AM DELIGHTED TO SHARE THE RECENT ACHIEVEMENTS OF OUR STUDENTS AND FACULTY MEMBERS, WHICH REFLECT THE EXCEPTIONAL TALENT AND DEDICATION WITHIN OUR DEPARTMENT.

IS EXCELLING IN ORGANIZING EVENTS THAT GREATLY BENEFIT OUR STUDENTS. FROM WORKSHOPS AND SEMINARS TO GUEST LECTURES AND HACKATHONS, WE ARE CREATING A DYNAMIC AND STIMULATING ENVIRONMENT THAT FOSTERS LEARNING AND PROFESSIONAL GROWTH. THESE EVENTS PROVIDE OUR STUDENTS WITH VALUABLE OPPORTUNITIES TO GAIN HANDS-ON EXPERIENCE, INTERACT WITH EXPERTS, AND STAY UPDATED WITH THE LATEST TRENDS AND TECHNOLOGIES.

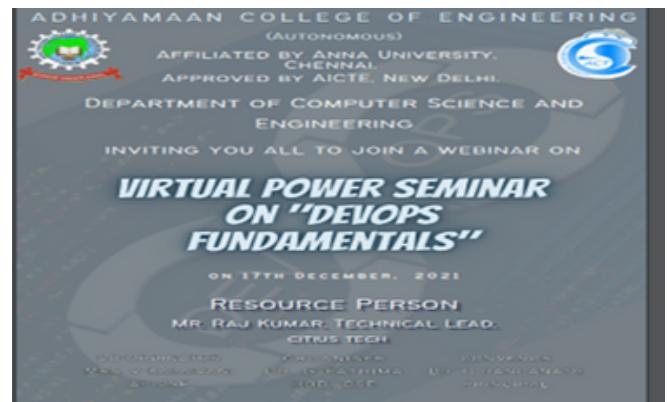
**DR G FATHIMA**  
**HOD/CSE**

AS WE CONTINUE TO STRIVE FOR EXCELLENCE, I ENCOURAGE EVERYONE TO TAKE PRIDE IN OUR COLLECTIVE ACHIEVEMENTS AND REMAIN COMMITTED TO OUR SHARED GOALS. LET US CELEBRATE OUR SUCCESSES AND WORK TOGETHER TO CREATE AN EVEN MORE VIBRANT AND ENRICHING ACADEMIC COMMUNITY.

CONGRATULATIONS ONCE AGAIN TO ALL OUR STUDENTS AND FACULTY MEMBERS FOR THEIR REMARKABLE ACHIEVEMENTS. KEEP UP THE GREAT WORK!

**Virtual Power Seminar on "DevOps Fundamentals" On 17th Dec 2021 Mr Raj Kumar, Technical Lead, Cities Tech, Bengaluru**

**Resource Person: Mr Raj Kumar**



**Workshop on Dynamic Web Design On 22 Dec 2021 to 23 Dec 2021 Mr. T.Kodeewaran ,MD, VK Academy IT Solutions, Chennai.**

**Resource Person: Mr. T.Kodeewaran**

Conducted Techothon - '21 on 29th Dec 2021

Speaker(s) at the Event :

Dr G.Fathima,HOD

Department of computer science and engineering

Adhiyamaan college of engineering.

Gist of the Event

A one day event “TECHOTHON - 21” was organized by Department of CSE IIIrd year students during 29th December 2021. IIInd year students from Department of CSE were actively participated in this event. Tech events were conducted and students are participated with more enthusiastic. Nearly 140 participants have witnessed in this event.

Photograph of the event



## FACULTY DEVELOPMENT PROGRAM: CYBER SECURITY

Department of Computer Science and Engineering successfully organized a “FACULTY DEVELOPMENT PROGRAM ON CYBER SECURITY” on 20th December 2021. The resource person addressed various key aspects of Cyber Security. She discussed about the importance of present critical information about cyber security threats, risks within a digital ecosystem, gaps in security controls, and the performance of security programs. She also explained about art of protecting networks, devices and data from unauthorized access or criminal use and the practice of ensuring confidentiality, integrity and availability of information

### RESOURCE PERSON:

**Ms. VANI MITTAL**  
**Security & Compliance Specialist,**  
**IBM Cloud, Bangalore, Karnataka, India**

### DURING SESSION:

**Key Areas of Cyber Security**

1. Identity & Access	2. Network Management	3. Data Security
What is being done to ensure that employees who leave your company are deprovisioned from accessing your applications?  How are you regularly assuring that you verify the identities of all users accessing your data and applications?  What steps have been taken to enforce access policies across disparate applications and access methods?  How are access compliance policies applied across your IT infrastructure?	What tools are in place to detect and block exploits, suspicious behavior and other unwanted activities in your applications?  What measures have been taken to prevent and respond to distributed-denial-of-service (DDoS) attacks?  Do you monitor application programming interface (API)-based communications to and from your cloud workloads?	Is sensitive data shared inappropriately? Are you encrypting your data at rest? Is personally identifiable information (PII) masked?  How are structured and unstructured data monitored? What steps have you taken to discover and classify data?  How are you ensuring compliance for critical data? Especially data that is stored in cloud?  How is audit data being created and stored to support compliance mandates?  Have you assessed security controls mandated by industry and governments regulations?

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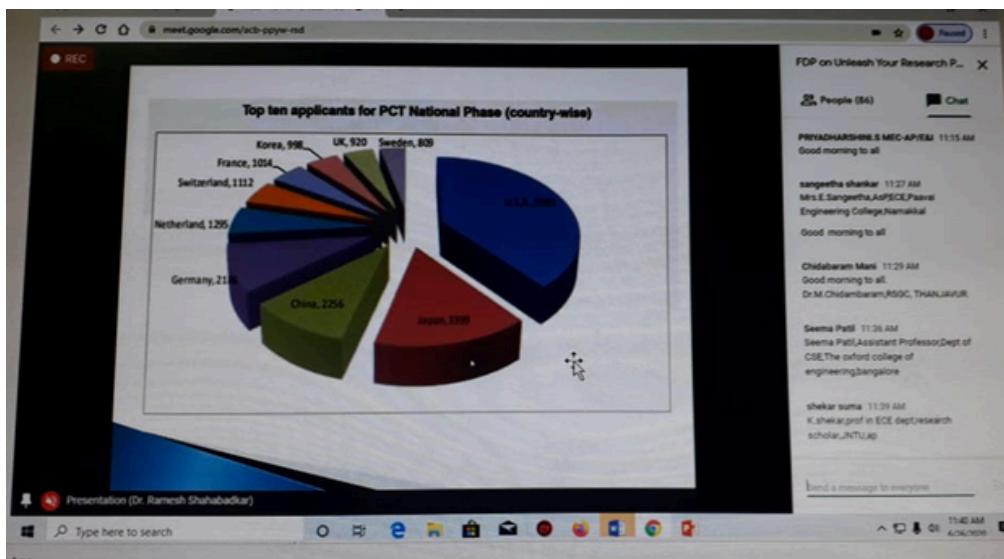
## WENINAR : HOW TO PATENT COMPUTER RELATED INVENTION-IPR

Department of Computer Science and Engineering successfully organized a “WEBINAR” on 4th December 2021. The resource person addressed various key aspects of “Intellectual Property Rights (IPR)”. He discussed about the importance of Patent filing and copyrights of the research work done by individual member. He also mentioned about the topics created by the researcher to be unique and content oriented. Finally he has suggested all the participants to file a patent related to the research work that is created by the faculties.

### RESOURCE PERSON:

Mr. Praveen  
Founder, Embware Labs,  
Bengaluru, Karnataka, India

### DURING THE SESSION:



## PUBLICATIONS

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**SIVAPARTHIPAN C B, Adjacent Node based Energetic Association Factor Routing Protocol in Wireless Sensor Networks, Wireless Personal Communications, AUGUST – 2021**

**SIVAPARTHIPAN C B, Adjacent Node based Energetic Association Factor Routing Protocol in Wireless Sensor Networks, Wireless Personal Communications, AUGUST - 2021**

**BALA ANAND M, Multi-Objective Heuristic Decision Making and Benchmarking for Mobile Applications in English Language Learning, ACM Transactions on Asian and Low-Resource Language Information Processing, SEPTEMBER – 2021**

**BALA ANAND M, Design Of Internet of Things and Big Data Analytics-Based Disaster Risk Management, Soft Computing, SEPTEMBER – 2021**

**SIVAPARTHIPAN C B, Dynamic Distributed Iterative Computational Model for Payment Information Management in Shared Logistics Using Blockchain-Assisted Internet of Things Approach, Soft Computing, SEPTEMBER – 2021**

**BALA ANAND M, Multi-Objective Heuristic Decision Making and Benchmarking for Mobile Applications in English Language Learning, ACM Transactions on Asian and Low-Resource Language Information Processing, SEPTEMBER – 2021**

**BALA ANAND M, Design of Internet of Things and Big Data AnalyticsBased Disaster Risk Management Soft Computing SEPTEMBER - 2021 22.**

**SIVAPARTHIPAN C B Dynamic Distributed Iterative Computational Model for Payment Information Management in Shared Logistics Using Blockchain-Assisted Internet of Things Approach Soft Computing SEPTEMBER - 2021 23.**

**BALA ANAND M Bio-Inspired Algorithms for Industrial Robot Control Using Deep Learning Methods Sustainable Energy Technologies and Assessments OCTOBER - 2021 24.**

**SIVAPARTHIPAN C B Organizational Business Intelligence and Decision Making Using Big Data Analytics Information Processing and Management NOVEMBER - 2021**

**SIVAPARTHIPAN C B Bio-Inspired Algorithms for Industrial Robot Control Using Deep Learning Methods Sustainable Energy Technologies and Assessments OCTOBER - 2021**

## **CONGRATULATIONS**

### **II YEAR-BATCH 2019-2023**



*Dhivya Sri V*  
4th Semester  
1<sup>st</sup> Topper



*Rackshana A*  
4th Semester  
2<sup>nd</sup> Topper



*Shiskha N*  
4th Semester  
2<sup>nd</sup> Topper

### **III YEAR-BATCH 2018-2022**



*Tharunasohanbabu*  
6th Semester  
1<sup>st</sup> Topper



*Selvakumar S*  
6th Semester  
2<sup>nd</sup> Topper



*Subhakar*  
6th Semester  
3<sup>rd</sup> Topper

**IV YEAR-BATCH 2017-2021**



***Reshma M***  
***8th Semester***  
***1<sup>st</sup> Topper***



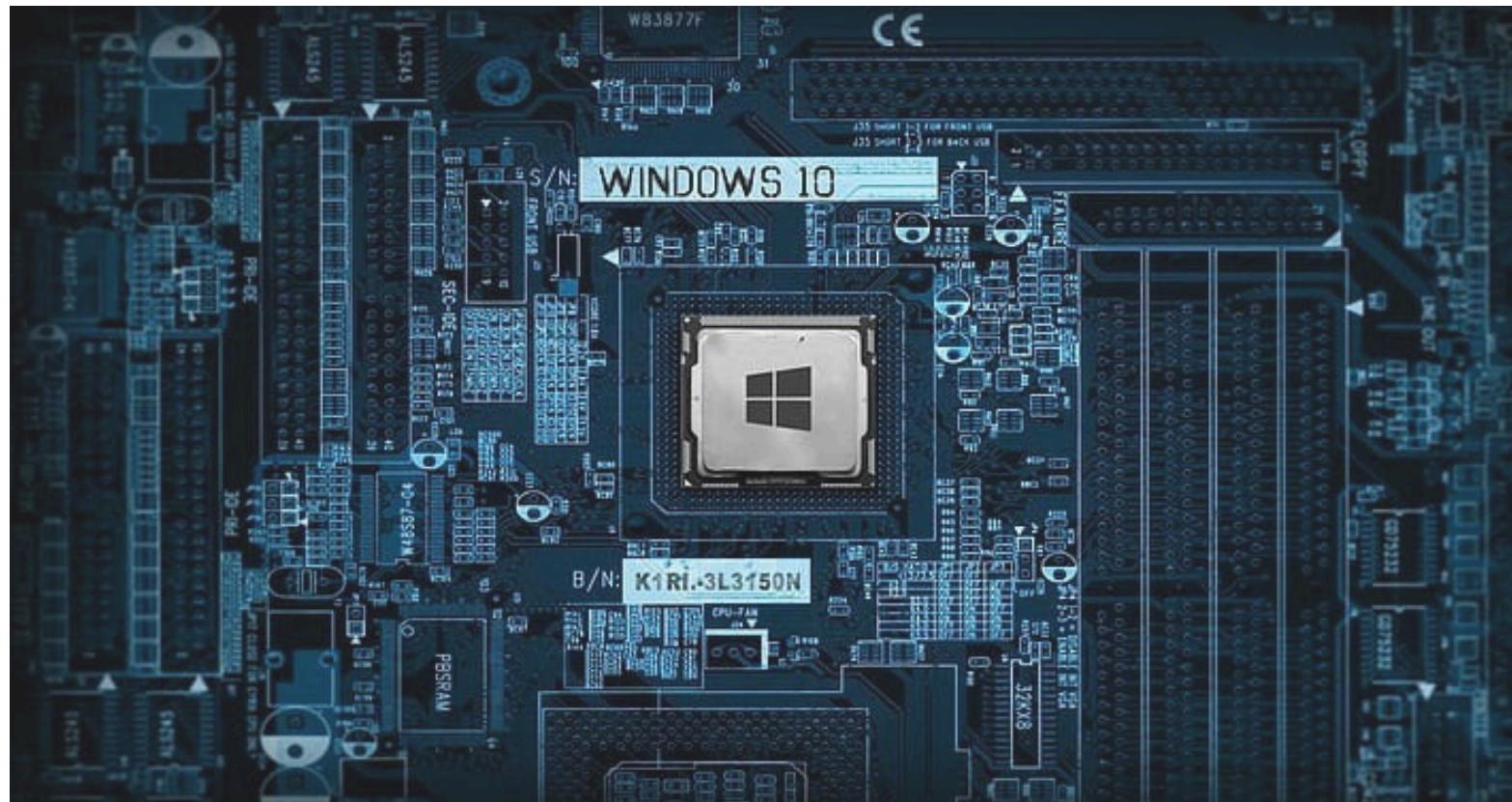
***Pradhosh K***  
***8th Semester***  
***2<sup>nd</sup> Topper***



***Rakshana R***  
***8th Semester***  
***3<sup>rd</sup> Topper***

**"Education is the most powerful weapon which you can use to change the world." - Nelson Mandela**

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