PUNJAB ASSOCIATIONS

ANNA ADARSH COLLEGE FOR WOMEN

Affiliated to University of Madras
Reaccredited by NAAC with 'A+' Grade
2(f) Status under UGC Act

DEPARTMENT OF COMPUTER APPLICATIONS

SHIFT II

Issue 1

Volume 2

TECHZINE

Bi-Annual Department NEWS LETTER

February 2023

DEPARTMENT INSIGHT

On par with IT industry, the curriculum is well equipped with latest Technical Subjects, Mini Project, Foreign Language Training, Personality Development , Software Skill Courses. This aids to understand the concepts of key areas of numeric, real-life application and to inculcate the practical skills to solve the security issues, threats, challenges of relevant fields so as to develop software by applying the emerging technologies.

The strength of the department is a dedicated team of qualified, experienced and dynamic faculties who strive relentlessly to achieve an enviable record of academic excellence

STAFF ACTIVITIES

Dr. R. Anandha Lakshmi

M.Sc., M.Phil., Ph.D., Head & Asst.Professor

Seminar/ Conference Attended
Workshop's Participated: 5
Faculty Development Programs Attended: 4
NPTEL course Completed: 2

Ms. M. Maheswari

M.Sc., M.Phil., (Ph.D.), Asst.Professor

Seminar/ Conference Attended
Papers Presented: 3
Workshop's Participated:2
Faculty Development Programs Attended: 3

Dr. K. Madhumathi

MCA., M.Phil., Ph.D. , Asst.Professor

Seminar/ Conference Attended
Workshop's Participated: 5
Faculty Development Programs Attended: 3
NPTEL course attended: 2

Dr. N. Geetha Lakshmi

MCA., M.Phil., Ph.D. ,SET, Asst.Professor
Seminar/ Conference Attended
Papers Presented: 1
Workshop's Participated: 3
Faculty Development Programs Attended:2
Book Publication: 1
NPTEL course Completed: 2

Ms. C. Vanisri

M.Sc., M.Phil., SET, Asst. Professor

Seminar/ Conference Attended
Workshop's Participated: 3
Faculty Development Programs Attended: 3
NPTEL course Completed: 2

Dr. D. Seethalakshmi

MSc., MCA, M.Phil., Ph.D. ,Asst.Professor

Seminar/ Conference Attended
Workshop's Participated: 7
Faculty Development Programs Attended: 2
Papers Published: 1
NPTEL course Completed: 2

WALL OF HONOR

Dr. R ANANDHA LAKSHMI, Head & Assistant Professor, Department of BCA – Shift II received Prestigious award "CST Achievers Award 2022 "- An award for BEST FACULTY

Dr. N. GeethaLakshmi authored a book on PRINCIPLES OF DATA MINING CONCEPTS AND TECHNIQUES.

Dr. R ANANDHA LAKSHMI, Assistant Professor & Head, Department of BCA – Shift II received Active SPOC Certificate from NPTEL .

STAFF ACTIVITIES

- **To update themselves technically our staffs have taken up NPTEL courses regularly and completed the following Courses**

    1. **CLOUD COMPUTING**

    2. **INTRODUCTION TO IOT**

    3. **BIG DATA COMPUTING**

    4. **ETHICAL HACKING**

- **4 of our staffs have their Doctoral degree**

- **Our faculties are Question paper setters, Evaluators, External examiners in various prestigious colleges of the city.**

DEPARTMENT ACTIVITIES

The Department of BCA-Shift II has organized an Inter - Collegiate Event called VI-VRUTHI'22. Participants from various college participated in different events and won prizes
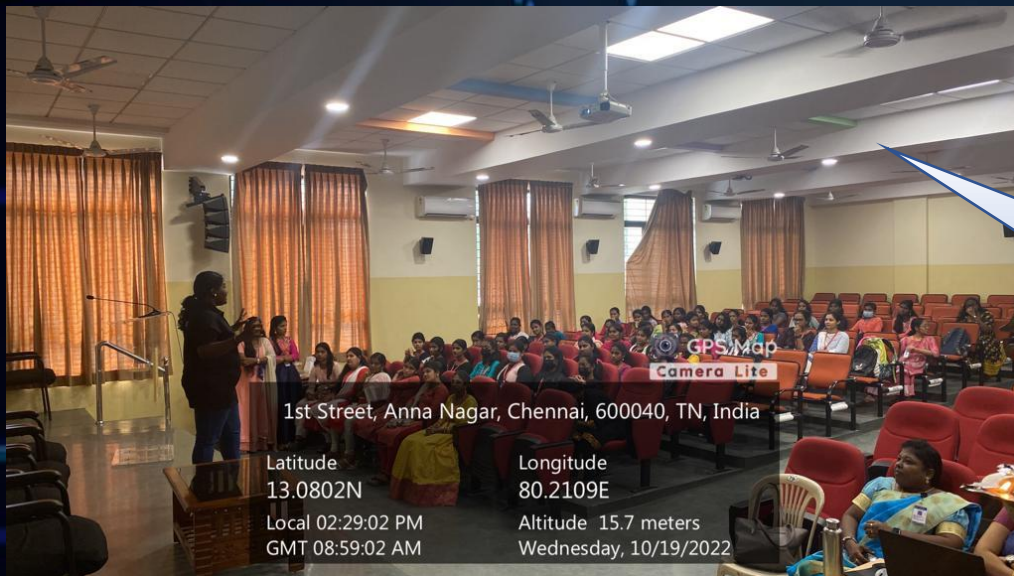
To commemorate The National Technology Day, the Department of Computer Applications - Shift II in collaboration with Institution's Innovation Council (IIC) conducted an event POSTER PRESENTATION

The Department of BCA-shift II has organized the CAREER GUIDANCE SEMINARS to enhance the skills of our students and to embrace the knowledge about CAT Examination.

DEPARTMENT ACTIVITIES

The Department of BCA-shift II has organized the Career Guidance seminars to enhance the skills of our students and to embrace the knowledge about The theme "Mind your thoughts" for UPSC EXAMS

We organized a Workshop "Mobile App Development" for the computer Science and Computer Application Faculty members to enhance their knowledge on how to create app in mobile
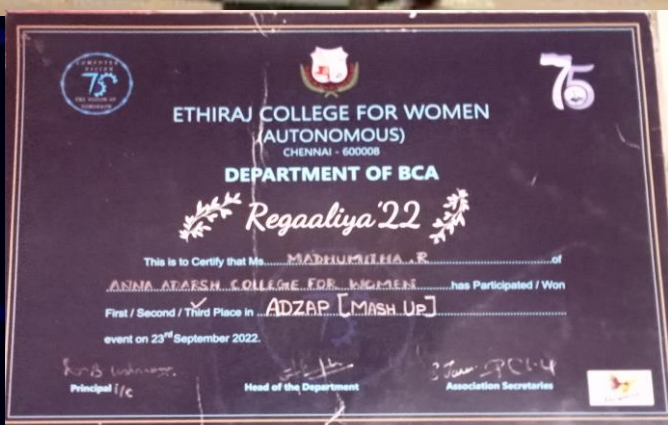
STUDENTS ACTIVITIES AND ACHIEVEMENT

Our college conducted cultural event "MEGHMALAR". The students of our department won II PLACE for the event ADAPTUNE

The Department of Corporate Secretaryship Shift- II conducted an event regarding Vinayagar Chaturthi, our department 1st years participated and won III PRIZE.

ETHIRAJ WOMENS COLLEGE conducted an INTER- COLLEGIATE DEPARTMENT wise event, our department won III PRIZE in POTPOURRI & ADZAP and also won the OVERALL RUNNER-UP

STUDENTS ACTIVITIES AND ACHIEVEMENT

MOP VISHNAV COLLEGE conducted an event and our II year students participated and won I PRIZE in the event DANCE PE CHANCE

Our college conducted the event **Adarsh Angadi** to develop the entrepreneurship and the student from our department wo prize for the best stall .

The SIET college conducted the **INTER COLLEGIATE CULTURALS** and a student from our department won **I PRIZE** prize for the event **ADAPTUNE**
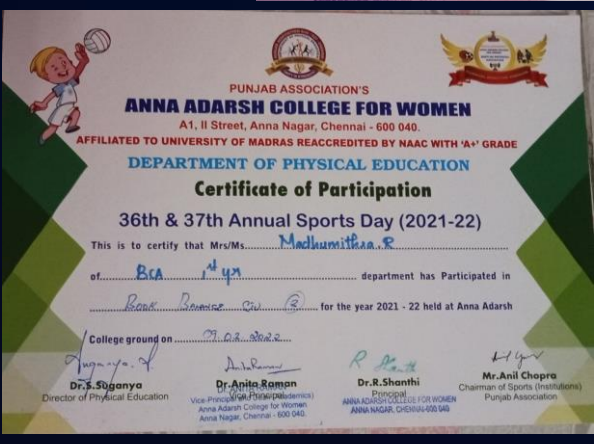
SPORT

Our Department backed CONSOLATION PRIZE for MARCH PAST on 38th Annual Sports Day at Anna Adarsh College for Women

Ms. Madhumitha from BCA Shift II, received various certificates in Sports

TECH 2023

What is? ChatGPT

ChatGPT is a chatbot developed by OpenAI and launched in November 2022. Since its introduction to the public, ChatGPT has reached 57 million active monthly users

ChatGPT is a transformer-based neural network that provides answers and data with human writing patterns. The AI has been programmed with endless amounts of text data to understand context, relevancy and how to generate human-like responses to questions.

You can access ChatGPT simply by visiting chat.openai.com and creating an OpenAI account. Once you sign in, you are able to start chatting away with ChatGPT. Get your conversation started by asking a question.

5G is the 5th generation mobile network. It is a new global wireless standard after 1G, 2G, 3G, and 4G networks. 5G enables a new kind of network that is designed to connect virtually everyone and everything together including machines, objects, and devices.

5G wireless technology is meant to deliver higher multi-Gbps peak data speeds, <u>ultra low latency</u>, more reliability, massive network capacity, increased availability, and a more uniform user experience to more users.

BY R.DHARSANA
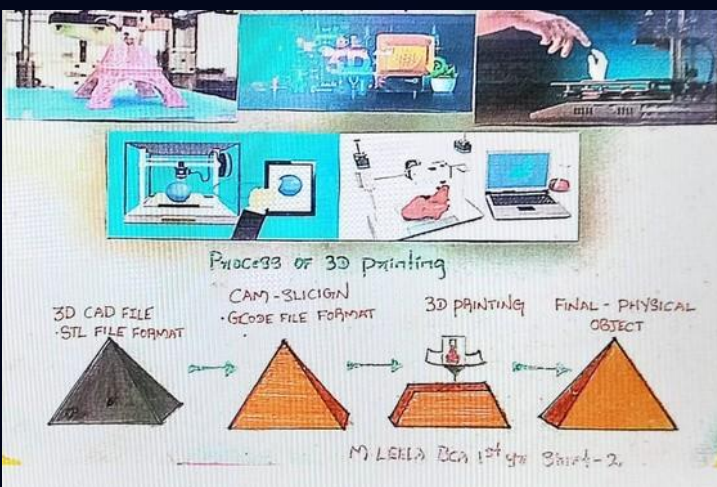I BCA Shift-II

VIRTUAL REALITY

Virtual Reality (VR) is a computer-generated environment with scenes and objects that appear to be real, making the user feel they are immersed in their surroundings. This environment is perceived through a device known as a Virtual Reality headset or helmet.

Deloitte has published its Technology, Media & Telecommunications (TMT) 2023 Predictions report. According to the report, the virtual reality (VR) trend will grow rapidly in 2023.

The report focuses on the crucial roles Artificial intelligence (AI), Advertising video on demand (AVOD), 5G Streaming, and Chips Could play in our hyperconnected world. In 2023, the VR market will grow by 50 percent compared to the previous year, reaching a volume of 7 billion dollars.
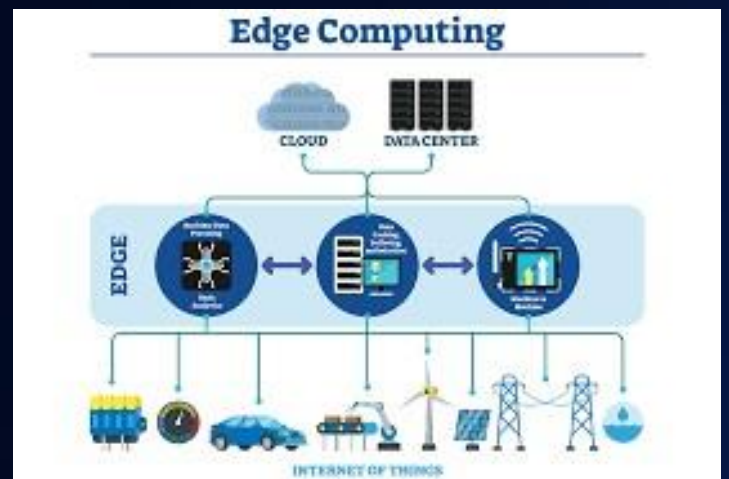
BY D.HARINI
I BCA Shift-II

BY M.LEELA
I BCA Shift-II

EDGE COMPUTING
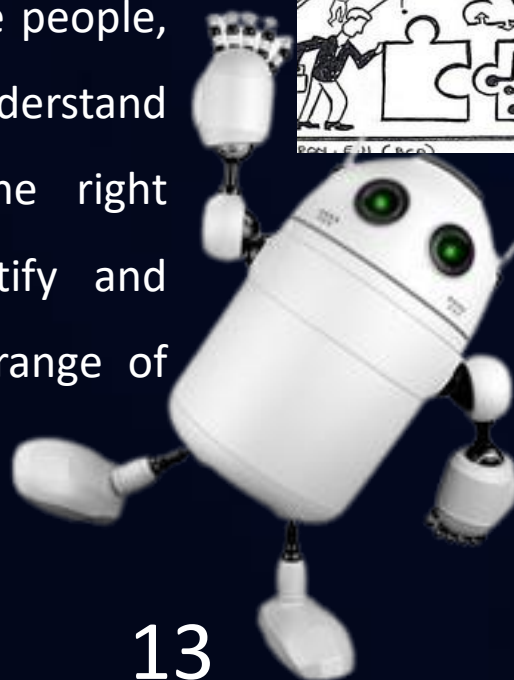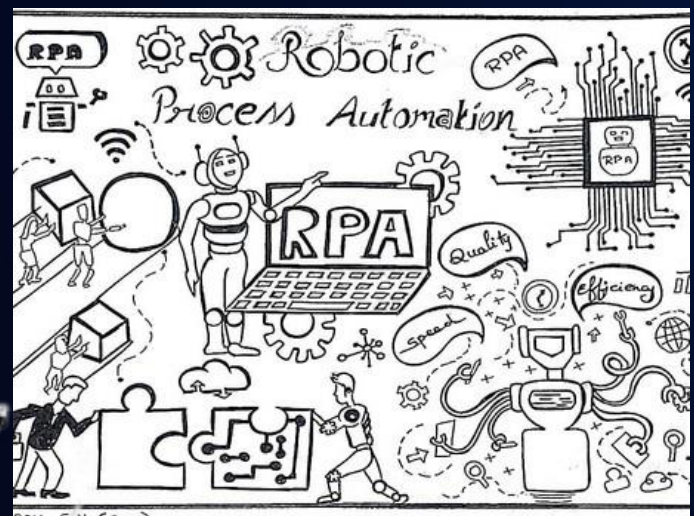
R.PRIYADHARSINI
I BCA Shift-II

Edge Computing is an emerging computing paradigm which refers to a range of networks and devices at or near the user. Edge is about processing data closer to where it is being generated, enabling processing at greatest speed and volumes leading to greater action results in real time
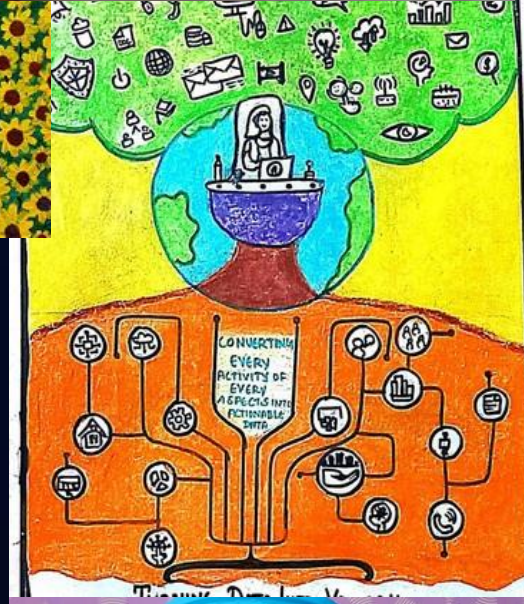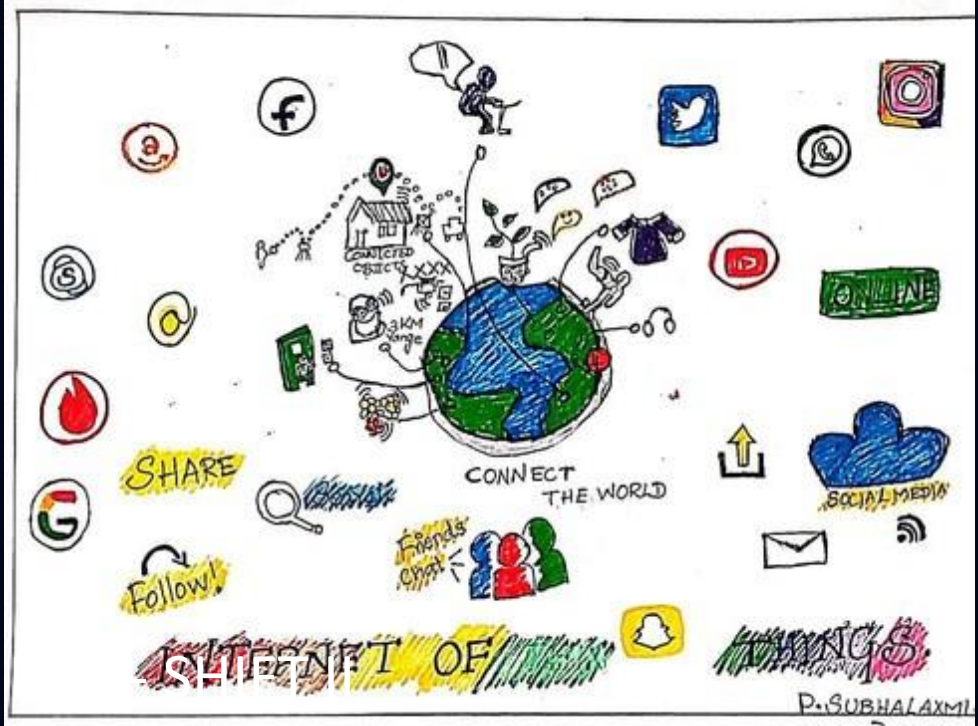

Edge computing optimizes Internet devices and web applications by bringing computing closer to the source of the data. This minimizes the need for long distance communications between client and server, which reduces latency and bandwidth usage.

Robotic process automation (RPA) is a software technology that makes it easy to build, deploy, and manage software robots that emulate humans actions interacting with digital systems and software. Just like people, software robots can do things like understand what's on a screen, complete the right keystrokes, navigate systems, identify and extract data, and perform a wide range of defined actions.

ART WORK

ELITE BUDS
- For the Students By the Students

STUDENT CONSORTIUM (S2S)

KOMAL KAPOOR.S
PRESIDENT

DEEPIKA.R
VICE PRESIDENT

PREYANKA.S.M
CULTURAL SECRETARY

KALAIVANI.M
ASST.CULTURAL SECRETARY

AKSHAYA.S
TREASURER

STUDENT INITIATIVE CEREMONY

WALL OF FAME

BCA

Brave, Calm, Awesome...

EDITORIAL TEAM

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Assistant Professor,
Department of BCA-Shift II

Ms. LATHIKA.S,
II BCA

Ms. PREYANKA.S.M,
II BCA