



**GAYATRI VIDYA PARISHAD**  
**COLLEGE OF ENGINEERING FOR WOMEN (AUTONOMOUS)**  
Madhurawada :: Visakhapatnam – 530 048  
(Approved by AICTE, New Delhi and Affiliated to Andhra University)  
Accredited by NAAC with "A" grade from 2022 to 2027  
CSE, ECE and IT Courses Accredited by NBA (2019-2022) and Re-accredited by NBA  
(2022-2025)  
EEE Course Accredited by NBA (2023-2026)

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### List of Faculty Using ICT tools

Academic year 2024-2025

SNO	Faculty Name	Subject	Method	Description
1	Dr.N.Sharmili	COMPILER DESIGN	Blog	The blog was used as a platform to provide students with course-related materials.
2.	Dr.K.Rohini	DATA SCIENCE	Blog	Learning resources were shared through the blog to support students' self-study.
3	Mrs.M.Aswini	DATABASE MANAGEMENT SYSTEMS	Blog	Course materials were uploaded to the blog for easy student reference.



  
Head of Department  
Dept. of Computer Science & Engineering  
GVP College of Engineering for Women  
Madhurawada, Visakhapatnam

# Dr.Sharmili Nukapeyi



**Dr. N.SHARMILI**  
PhD/ Master / Computers

Professor in GVPCEW,Visakhapatnam, India.  
B.Tech(ECE), M:Tech(CST),PhD(CSSE).

**Research Interests**

*Embedded Systems, Internet of Things, Block Chain, Image Processing, Network Security.*



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[inLinkedIn](#)

# Compiler Design

Video links of Compiler design Course in GVPCEW

Introduction to Compiler Design

Introduction to Compiler Design

Compiler Design UNIT(P1)

Compiler Design UNIT(P2)

Compiler Design PPT for UNIT(P2)

Compiler Design PPT for UNIT 3

Compiler Design PPT for UNIT 3(1CG)

## BLOG ARCHIVE

▼ 2025 (2)

## POPULAR POSTS

Dr.SHARMILI Details

Welcome to C programming language

App reads grocery labels for blind people

Showing posts with label **DATA SCIENCE**. Show all posts

Thursday, February 13, 2025

About Me



**RohiniK** - CS Study Bytes Corner

[View my complete profile](#)

Blog Archive

August 2025 (1)

February 2025 (9)

July 2024 (6)

June 2024 (1)

Labels

[Data Mining](#)

[DATA SCIENCE](#)

[DATA STRUCTURES](#)

[OOP's through JAVA](#)

## Unit-1 Data Science Notes

III B.Tech.- II Sem. (2022 Admitted Batch-AU Reg.) Open Elective - II: [Data Science\(CS3205\)](#)

### UNIT-1

**Part I: Introduction to Data science, benefits and uses, facets of data, data science process in brief, big data ecosystem and data science.**

**Part II: Data Science process:** Overview, defining goals and creating project charter, retrieving data, cleansing, integrating and transforming data, exploratory analysis, model building, presenting findings and building applications on top of them

### PART-1

#### Need for Data Science:

The volume of data generated daily by major social media platforms is immense. Here's an overview of the data production for platforms like YouTube, Facebook, Twitter (now X), and Instagram:

- YouTube:**
  - In 2023, YouTube hosted over 720,000 hours of videos daily, equating to approximately 4.3 petabytes of data

#### Facebook:

- Facebook generates about 5 petabytes of data per day.

#### Twitter (X):

- At least 500 million posts are made on X (formerly Twitter) daily, amounting to approximately 560 gigabytes of data.

#### Instagram:

- Each day, users post 95 million photos and videos on Instagram. These statistics highlight the massive and continually growing data volumes managed by social media platforms daily.
- A million refers to the number **1,000,000** (one million), which is equal to  **$10^6$**  (1 followed by 6 zeros).



ASWINI

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# Aswini Mula

February 26, 2025

Data Science Question Bank

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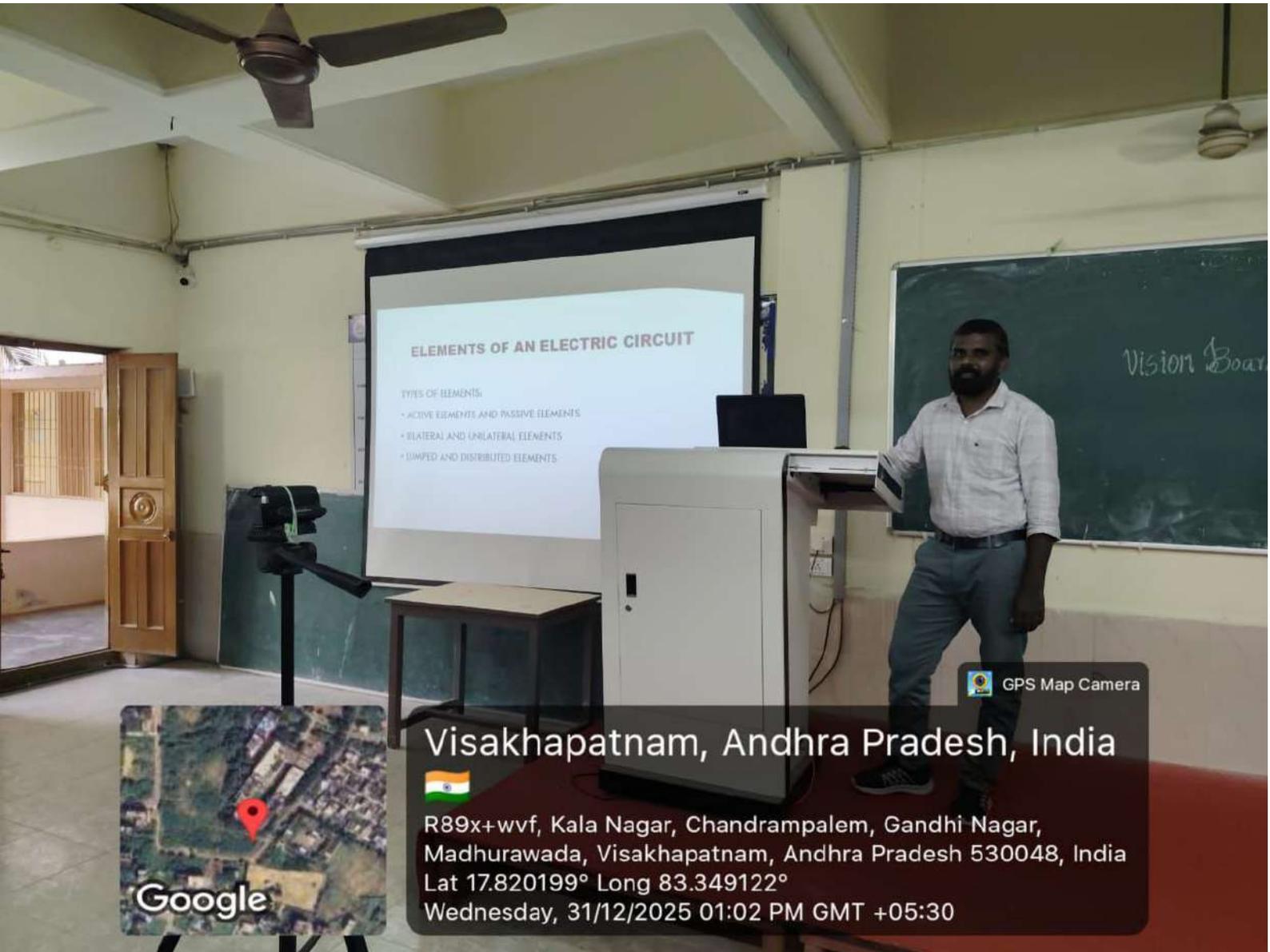
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UNIT4 DBMS

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**ELEMENTS OF AN ELECTRIC CIRCUIT**

TYPES OF ELEMENTS

- ACTIVE ELEMENTS AND PASSIVE ELEMENTS
- BILATERAL AND UNILATERAL ELEMENTS
- LUMPED AND DISTRIBUTED ELEMENTS

Vision Board

GPS Map Camera

Visakhapatnam, Andhra Pradesh, India



R89x+wvf, Kala Nagar, Chandrampalem, Gandhi Nagar,  
Madhurawada, Visakhapatnam, Andhra Pradesh 530048, India  
Lat 17.820199° Long 83.349122°

Wednesday, 31/12/2025 01:02 PM GMT +05:30

