



K.H GOVERNMENT DEGREE COLLEGE, DHARMAVARAM.

DEPARTMENT OF COMPUTER APPLICATIONS

GUEST LECTURE 2023-2024



GUEST LECTURE ON DBMS E-R DIAGRAMS 02-02-2024

A Guest Lecture is arranged by the Department of Computer Applications. **M.KHALIDHAZIYA LECTURUR IN COMPUTER SCIENCE AT PS GOVT DEGREE COLLEGE PENUKONDA.**

On the topic "E-R model in Database Management System" for the B.Com(CA) students, Entity-Relationship Models (ER Models) are the foundational tools in the realm of database design, representing the structural framework of data within systems. They offer a visual and academic blueprint of how data interacts with and relates to each other, making them necessary for database architects and developers.





RESUME

M.KHALIDHAZIYA

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Career Objective :

To work for an organization which provides challenging and an education working environment which would nature my knowledge an leverage my skills for organizational and personal perspective.

Educational Details :

Qualifications	School / College	University / Board	Year of Passing	Percentage
SSC	Z P High School Talararla	Board of Secondary Education A.P	2007	81%
INTERMEDIATE	SSS (W) Junior College Anantapur	Board of Intemediate Educatiopn A.P	2009	68%
B.Sc (Computers)	Govt Arts Degree College Anantapur	Sri Krishnadevaraya University Anantapur	2012	60%
M.Sc (Computers)	Govt Arts Degree College Anantapur	Sri Krishnadevaraya University Anantapur	2016	64%
B.Ed	Sri Balaji College of Education Mylepalli	Sri Krishnadevaraya University Anantapur	2018	62%

Personal Skills :

- MS Office ,
- Ability to work under peressure.
- Hard working nature , communication Skills
- Positive attitude, Time management.

Experience : 1 YEAR_WORKED IN JEEVAN JYOTHI EM SCHOOL AS A
COMPUTER FACULTY

2 YEARS WORKED AS A LECTURUR IN COMPUTER SCIENCE AT
PS GOVT DEGREE, COLLEGE PENUKONDA

Personal Profile :

Name : M.KHALIDHAZIYA

Father's Name : M.KULLAYAPPA

Date of Birth : 14-05-1992

Sex : Female

Marital Status : Married

Nationality : Indian – Hindu

Languages Known : Telugu , English & Hindi.

Address : TALAMARLA VILLAGE
KOTHACHERUVU MANDAL
ANANTAPUR DIST ,
ANDHRA PRADESH STATE.

Declaration : -

I hereby declare that all the information furnished above is
true to the best my knowledge.

Date :

Place :

Signature

(M.KHALIDHAZIYA)



K H GOVERNMENT DEGREE COLLEGE

DHARMAVARAM

DEPARTMENT OF COMPUTER APPLICATIONS

GUEST LECTURE AY-2023-24



**GUEST LECTURE ON COMPUTER NETWORKS AND
CRYPTOGRAPHY**

Date: 11-12-2024

A Guest lecture is arranged by the department of computer applications.

“T.Rama mohana Reddy Lecturer in Computer Applications SSS Government degree college Bukkapatnam”.

On the Topic of Cryptography:

Key Concepts and Techniques

Following the discussion on computer networks, the focus shifted to **Cryptography**, which is the cornerstone of data security in modern networks. T.Rama Mohana Reddy provided an overview of **cryptographic techniques** used to secure data, explaining the importance of encryption and decryption in preventing unauthorized access.

Key concepts discussed included:

1. **Symmetric Key Cryptography:** T.Rama Mohana explained the use of the same key for both encryption and decryption processes. Examples like the **AES (Advanced Encryption Standard)** algorithm were highlighted.
2. **Asymmetric Key Cryptography:** The use of two keys, a public key for encryption and a private key for decryption, was thoroughly covered. T.Rama Mohana illustrated this with the example of **RSA (Rivest-Shamir-Adleman)** encryption, explaining its significance in secure communications, such as in online banking or secure email.
3. **Hash Functions:** The concept of hash functions for ensuring data integrity and their role in digital signatures was introduced. T.Rama Mohana emphasized the importance of **SHA (Secure Hash Algorithm)** and how it is used in various applications like digital certificates and blockchain technology.
4. **Digital Signatures:** T.Rama Mohana elaborated on how digital signatures ensure authenticity and non-repudiation in a network. He provided examples from real-world applications like software distribution and secure transactions

Photos on Guest Lecture:

