



Department of Computer Science  
**Y.A. Government College for Women**  
Chirala - 523155, A.P.

Re-accredited with 'B' grade by NAAC (Cyc-2)

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Date: 27- Feb-2024

**CIRCULAR**

The department of computer science is organizing the guest lecture for I year, II year & III-year students of computer science. All the students are informed to attend the guest lecture on 02-march-2024 10:30 AM to 1:00PM. I requested to the department in charges to give the permission to the students of following classes to attend the guest lecture

*R. Srinivas*  
LECTURER IN-CHARGE  
Dept. of Computer Science  
Y.A. GOVT COLLEGE FOR WOMEN  
CHIRALA-523 155  
Prakasam Dist. (A.P.)

Department of Mathematics & Statistics

Department of Physics

III—B.Sc.,

II – B.Sc.,

I—B.Sc., *R. Srinivas*

# ***GUEST LECTURE ON DATABASE MANAGEMENT MongoDB***

**Date:** 02-03-2024

## **Objective:**

The main objective of the guest lecture was to introduce students to the concepts and capabilities of MongoDB, highlighting its advantages over traditional relational databases and its relevance in contemporary software engineering practices.

## **Description:**

The Department of Computer Science at Y.A Government College for Women, Chirala hosted a guest lecture on MongoDB on 02-03-2024 from 10.30 am to 12.30 pm. The guest lecture began with an introduction and welcome address by K.Sushma of II B.Sc Data Science Semester-4 student.

After the Introduction, Chief guest Madhu sai vavilala, database Administrator, Mydbops, Pondicherry, has taken a lecture on topic " Database Management MongoDB" for all computer science students in Virtual Room. This event provided students and faculty with valuable insights into the principles, features, and applications of MongoDB in modern software development.

The guest lecturer shared best practices and tips for designing, implementing, and managing MongoDB databases effectively and also provide an overview of MongoDB, including its architecture, data model, and key features such as document-based storage, flexible schema design, and horizontal scalability.

The topics covered in this session are:

- History of MongoDB
- Importance of Data
- Most popular Databases
- Analysis between SQL & NOSQL
- Introduction of NOSQL
- Difference between SQL & NOSQL
- CRUD Rules

A question and answer session was conducted, allowing students to interact with the guest lecturer and seek clarification on any aspects of MongoDB. The session was concluded by Smt.N.Rajya Lakshmi Head of Computer Science Department with a vote of thanks.

### Outcome:

- ✓ Inspiration and motivation for students to explore further studies and career opportunities in database management and software engineering.
- ✓ Increased understanding of NoSQL database concepts and MongoDB's role in modern software development.

**Total No.of students Participated: 72**

### Evidence:



*Prakasam Dist.*  
LECTURER IN-CHARGE,  
Dept. of Computer Science,  
Y.A. GOVT. COLLEGE FOR WOMEN  
CHIRALA-523 155  
Prakasam Dist. (A.P.)



**Guest Speaker explains CRUD Operations to the students**

**Y.A GOVERNMENT COLLEGE FOR WOMEN, CHIRALA**  
**DEPARTMENT OF COMPUTER SCIENCE**

**STUDENT ATTENDANCE SHEET**

**Event:** Guest Lecture on Database Management –MongoDB

**Date :** 02-03-2024

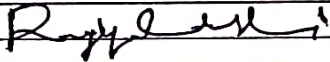
| SLNo | NAME OF THE STUDENT     | CLASS                      | SIGNATURE           |
|------|-------------------------|----------------------------|---------------------|
| 01   | Naraga Sushma           | I BSC                      | N. Sushma           |
| 02   | Gunturu. Paveena        | I BS                       | Gunturu             |
| 03   | Angole. Nincy Satwika   | I BSC                      | Pijathwika          |
| 04   | Annam. Prameela         | I BSC                      | A. prameela         |
| 05   | Shaik. Rabeeza          | I BSC                      | SK. Rabeeza         |
| 06   | namarla. chandna lelcha | I BSC                      | O. chandna lelcha   |
| 07   | Katabattuni. Rohini     | I <sup>st</sup> BSC        | K. Rohini           |
| 08   | Jonnala. Jada Lekhana   | I <sup>st</sup> B.S.C      | J. Lekhana          |
| 09   | Mukini. Glory           | I BSC                      | M. Glory            |
| 10   | P. Naga Sai             | I <sup>st</sup> BSC        | P. Naga Sai         |
| 11   | Ch. Pramodhini          | I <sup>st</sup> BSC        | Ch. Pramodhini      |
| 12   | G. Sireesha             | I <sup>st</sup> BSC        | G. Sireesha         |
| 13   | P. Naveena              | I <sup>st</sup> BSC        | P. Naveena          |
| 14   | J. V. Vishnavi          | I <sup>st</sup> BSC        | J. Vishnavi         |
| 15   | M. Vishnupriya          | I <sup>st</sup> BSC        | M. Vishnupriya      |
| 16   | M. Anusha               | I <sup>st</sup> BSC        | M. Anusha           |
| 17   | K. Ramya                | I <sup>st</sup> BSC        | K. Ramya            |
| 18   | Ch. Ganga Bhavani       | 2 <sup>nd</sup> BSC (MPCS) | Ch. Ganga Bhavani   |
| 19   | D. Beula                | 2 <sup>nd</sup> BSC (MPCS) | D. Beula            |
| 20   | J. Anurtha varshini     | 2 <sup>nd</sup> BSC (MPCS) | J. Anurtha varshini |
| 21   | P. Jagruthi             | 2 <sup>nd</sup> BSC (MPCS) | P. Jagruthi         |
| 22   | S. Sangitha             | 2 <sup>nd</sup> BSC (MPCS) | S. Sangitha         |
| 23   | T. Anusha               | 2 <sup>nd</sup> BSC (MPCS) | T. Anusha           |
| 24   | B. Dhatri               | 2 <sup>nd</sup> BSC (MPCS) | B. Dhatri           |
| 25   | K. Jayasri              | 2 <sup>nd</sup> BSC (MPCS) | K. Jayasri          |
| 26   | K. Yesusha              | 2 <sup>nd</sup> BSC (MPCS) | K. Yesusha          |
| 27   | K. Sushma               | 2 <sup>nd</sup> BSC (MPCS) | K. Sushma           |
| 28   | Shaik. Shahina          | 2 <sup>nd</sup> BSC (MPCS) | SK. Shahina         |
| 29   | A. Lalitha              | 2 <sup>nd</sup> BSC (MPCS) | A. Lalitha          |
| 30   | A. Harini               | 2 <sup>nd</sup> BSC (MPCS) | A. Harini           |
| 31   | G. Annapurna            | 2 <sup>nd</sup> BSC (MPCS) | G. Annapurna        |
| 32   | K. Geethanjali          | 2 <sup>nd</sup> BSC (MPCS) | K. Geethanjali      |
| 33   | K. Sai Kumari           | 2 <sup>nd</sup> BSC (MPCS) | K. Sai Kumari       |
| 34   | M. Prashanthi           | 2 <sup>nd</sup> BSC (MPCS) | M. Prashanthi       |
| 35   | T. Naga Bhavani         | 2 <sup>nd</sup> BSC (MPCS) | T. Naga Bhavani     |

**Y.A GOVERNMENT COLLEGE FOR WOMEN, CHIRALA**  
**DEPARTMENT OF COMPUTER SCIENCE**

**STUDENT ATTENDANCE SHEET**

**Event:** Guest Lecture on Database Management –MongoDB

**Date :** 02-03-2024

| Sl.No | NAME OF THE STUDENT                                                                 | CLASS         | SIGNATURE         |
|-------|-------------------------------------------------------------------------------------|---------------|-------------------|
| 36    | A. Rajeswari                                                                        | I Bcom (comp) | A. Rajeswari      |
| 37    | Ch. Sowmya                                                                          | I Bcom (comp) | Ch. Sowmya        |
| 38    | G. Anjali                                                                           | I Bcom (comp) | Anjali G          |
| 39    | G. lakshmi kumari                                                                   | I Bcom (comp) | G. lakshmi kumari |
| 40    | N. Mounika                                                                          | I Bcom (comp) | N. Mounika        |
| 41    | T. Sowmya                                                                           | I Bcom (comp) | T. Sowmya         |
| 42    | Y. Rupasri                                                                          | I Bcom (comp) | Y. Rupasri        |
| 43    | S. Bhavani                                                                          | I Bcom (comp) | S. Bhavani        |
| 44    | Sk. sadhika                                                                         | I Bcom (comp) | Sk. sadhika       |
| 45    | P. Anvitha                                                                          | I Bcom (comp) | P. Anvitha        |
| 46    | N. Alekhya                                                                          | I Bcom (comp) | N. Alekhya        |
| 47    | K. Renuka                                                                           | I Bcom (comp) | K. Renuka         |
| 48    | P. Sameena                                                                          | I Bcom (comp) | P. Sameena        |
| 49    | G. Sai Deepika                                                                      | I Bcom (comp) | G. Sai Deepika    |
| 50    | B. Anusha                                                                           | I Bcom (comp) | B. Anusha         |
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| 55    | LECTURER IN-CHARGE,                                                                 |               |                   |
| 56    | Dept of Computer Science,                                                           |               |                   |
| 57    | Y.A GOVT. COLLEGE FOR WOMEN                                                         |               |                   |
| 58    | CHIRALA-523 155                                                                     |               |                   |
| 59    | Prakasam Dist. (A.P.)                                                               |               |                   |
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