



GOVERNMENT (AUTONOMOUS) GIRLS POST GRADUATE COLLEGE OF EXCELLENCE, SAGAR (M.P.)

(NAAC 'A' Grade Accredited)

07582 404480 heggpgcsag@mp.gov.in www.gggpgcs.com



Ref.

Date :

BCA 2 YEAR Database Management Systems Using PL/SQL S2-BCAA2P

After completing this course student will be able to:

- explain the features of database management systems and relational database.
- design conceptual models of a database using ER modelling for real life applications and construct queries in relational algebra.
- create and populate a RDBMS for a real-life application, with constraints and keys, using SQL.
- retrieve any type of information from a database by formulating complex queries in SQL.
- analyse the existing design of a database schema and apply concepts of normalization to design an optimal database.

Abhishek
PRINCIPAL
Govt. P.G. Girls College
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BCA 2 YEAR

Data Communication and Computer Networks

S2-BCAA1P

- Demonstrate the Basic Concepts of Networking, Networking Principles, Routing Algorithms, IP Addressing and Working of Networking Devices.
- Demonstrate the Significance, Purpose and application of Networking Protocols and Standards.
- Describe, compare and contrast LAN, WAN, MAN, Intranet, Internet, AM, FM, PM and Various Switching Techniques.
- Explain the working of Layers and apply the various protocols of OSI & TCP/IP model.
- Analyze the Requirements for a Given Organizational Structure and Select the Most Appropriate Networking Architecture and Technologies.
- Design the Network Diagram and Solve the Networking Problems of the Organizations with Consideration of Human and Environment. Install and Configure the Networking Devices.

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