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

(NAAC 'A' Grade Accredited)

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Ref. .... Date : ....

BCA 3 YEAR
Group-A
Computer Graphics (Paper-1) S3-BCAA1D

On Successful Completion of this course, the students will be able to.

1. Understand the basics of Computer Graphics, Different graphics systems and applications of computer graphics.
2. Discuss Various algorithms for scan conversion and filling of basic objects and their comparative analysis.
3. Use of geometric transformations on graphics objects and their application in composite form.
4. Extract Scene with different clipping methods and its transformation to graphics display device.
5. Explore projections and visivle surface detection techniques for display of 3D scene on 2D Scene.
6. Render projected objects to naturalize the scene in 2D View and use of illumination models for this.

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Python Programming (Paper-2)
S3-BCAA2D

On Successful Completion of this course, the student will be able to:

1. Develop and execute simple Python programs.
2. Structure a Python program into functions.
3. Using python lists Tuples to represent compound data.
4. Develop Python Programs for file Processing.

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Group - B
Data Warehousing & Mining (Paper-1)
S3-BCAA3D

On Successful Completion of this course, the student will be able to:

1. Understand the Basics of data warehouse. it's storage fundamentals and knowledge discovery in databases

2. Apply Data mining techniques over different datasets.

3. Implement clustering algorithms and build classification models.

4. Select appropriate DM tools and apply the concepts of data Warechouse and DM techniques for clustering association and classification.

5. Explore recent trends in data mining such as web mining. spatial-temporal mining.

Web Technologies (Paper-2)
S3-BCAA4D

On Successful Completion of this course, the student will be able to:

1. Understand Basics of Internet World Wide Web(WWW), Client server Computing and have Information of Various Protocols.
2. Have Knowledge of various web browsers, familiarize with java Scripting, Client side Scripting language, Web server Architecture, database connectivity (DBC) and ODBC.
3. Have Knowkedge of HTML, it's essential tags Attributes, Text styles, Links to External Document and different sections of a HTML page.
4. Develop skills to generate HTML And DHTML page and have knowledge of java Script assisted style sheets (JSSS).
5. Have Knowslege of Objects, Methods, Events and Functions and various types of text styles and be able to relate javaScript to DHTML.