



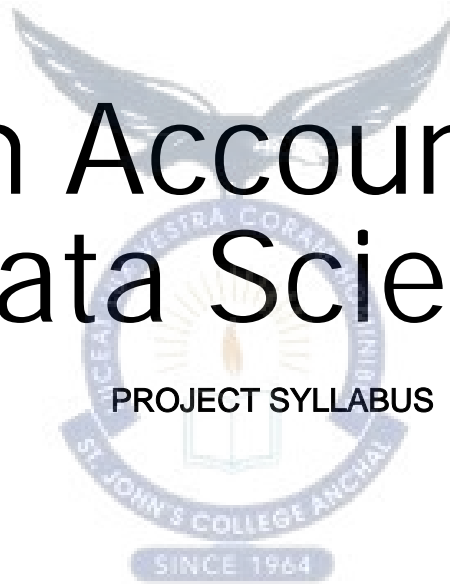
ST. JOHN'S
COLLEGE, ANCHAL


Affiliated to the University of Kerala
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LET YOUR
LIGHT
SHINE BEFORE
MEN

BCom Accounts and Data Science

PROJECT SYLLABUS



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MAJOR PROJECT & VIVA

COURSE OUTCOMES: at the end of the Course, the Student will be able to -

CO1	Apply the knowledge gained through various courses
CO2	Understand structured team work and project management
CO3	Create technical documentation

PROJECT GUIDELINES

- Group Size – Maximum 3
- No. of records – No. of group members+ 1 (Department copy)
- Certificate should include the names of all members

The minimal phases for the project are: Project search, finalization and allocation, Investigation of system requirements, Data and Process Modelling, System Design, Program design, Program coding and unit testing, System integration, System implementation and acceptance testing.

Planning the Project: The Major Project is an involved Exercise which has to be planned well in advance. The topic should be chosen in Semester 5 itself. Related reading, training and discussions should start from semester 5 itself.

Selection of Tools: No restrictions shall be placed on the students in the choice of platforms/tools/languages to be utilized for their project work, though open source is strongly recommended, wherever possible. No value shall be placed on the use of tools in the evaluation of the project.

Selection of Organisation & Guide: No restrictions shall be placed on the students in the choice of organization where project work may be done, in terms of locality, type (public/private) etc. It is the duty of the project coordinator to ensure that the Aim, Objectives and full project guidelines are communicated to the external organization.

Students may also choose to do project in the college/institute (or partially in the college/institute and partially in an external organization), especially product-based work, but in such cases the supervisors must ensure that (i) industry practices are followed (ii) the students undertake a planned visit to an IT industry with international operations to make up for the loss of experience and (iii) the services of an external guide with industry experience is obtained.

Project Management: Head of the department should publish a list of students, projects topics, internal guide and external organization (if any) and teams agreed, before the end of semester 5. Changes in this list may be permitted for valid reasons and shall be considered favorably by Head of the department any time before commencement of the project.

Documentation: The following are the major guidelines: The final outer dimensions of the report shall be 21 cm X 30 cm. The colour of the flap cover shall be uniform. Only hard binding should be done, with title of the thesis and the words "<BRIEF TITLE> DATA SCIENCE Project Report 200..." displayed on the spine in 20 point, Bold, Times New Roman, as in example below. In case the title is too long, a shorter version of it may be used (Like "Image Pro" instead of "Image Pro– An Interactive Image Processing package"). It is highly recommended that Latex be used for documentation.

- The text of the report should be set in 12 pt, Times New Roman, Single Spaced.
- Headings should be set as follows: CHAPTER HEADINGS 20 pt, Times New Roman, Bold, All Caps, Centered.