

**M.Sc. (IT & CA)**  
**Saurashtra University**  
**Effective from June - 2023**  
**M.Sc. (IT & CA) (Semester – 4)**

<b>CS – 19: INDUSTRIAL PROJECT DEVELOPMENT CREDIT - 30 Marks: 300</b>
<b>Project must be developed at industrial organization. <u>(At the time of Project-Viva examination student must show Project Report (In Hard Copy) along with all the Workouts in workbook, implementation of project in SDLC, Documentation, Program codes (Optional) and project in running mode).</u></b>

**Guidelines:**

- (1) The project definition and finding industry should be started from the summer break after 2nd semester examinations.
- (2) Institute/College/Department has to make arrangement for the students for project development in various software development organizations in industry.
- (3) Project work must be developed at the industrial organization.
- (4) Internal guide from institute and external guide from Industry must be allocated to guide students. Internal guides (i.e. the faculty members) must devote the time to guide the students for the project.
- (5) Project plan along with the division of work amongst teammates would have been prepared and got approved within a maximum of 5 days of the start of the project.
- (6) Coding standards should be followed meticulously. At the minimum, the code should be self-documented, modular, and should use the meaningful naming convention.
- (7) It is advisable that object-oriented methodology is used with reusability of classes and code, etc.
- (8) The output reports must include MIS reports, if applicable.
- (9) The documentation should include a chapter on “Learning during Project Work”, i.e., “Experience of Journey during Project Duration”.
- (10) Data structure (database design) is mandatory. At least portions of code are mandatory. Student may be asked to write the code related to the project during examination.

<b>Sr. No</b>	<b>Evaluation Criteria</b>	<b>Marks</b>
1	EXPLANATION OF CODE	75
2	EXPLANATION OF ANALYSIS AND DESIGN	75
3	DOCUMENTATION	75
4	PRESENTATION	75
Total Marks		300