

B.C.A. (Honours) & B.C.A. (Honours with Research)
(Semester - 5 and Semester - 6)
To be effective from June – 2025
Saurashtra University

CS-40: Internship - 100 Marks

Objectives:

- To apply theoretical concepts learned in previous semesters to practical software development.
- To gain hands-on experience in using programming languages, tools, and technologies.
- To understand and implement the complete Software Development Life Cycle (SDLC).
- To enhance problem-solving and analytical skills by designing solutions to real-life problems.
- To develop teamwork and collaboration skills through group-based project execution.
- To improve project planning and time management abilities.
- To practice documentation and reporting skills as per industry standards.
- To prepare students for major projects, internships, or professional roles in software development.

No.	Topic	Guidelines for Internship	
1	General	<ul style="list-style-type: none"> • Students must get prior approval from the college before starting the internship / project topic. • Choose an Internship/project topic • Projects can be individual or group-based (2 Students)(as per college policy) • Submit a project proposal with the title, objective, scope, tools/technologies to be used, and team members. • Get the proposal approved by the project guide/faculty coordinator. • Use any suitable programming language or platform • Project must be developed in any Company / Organization /Institute or computer laboratory of college. • Students must maintain a daily activity log during the internship. 	
2	Documentation	Maintain a project report including the following: <ul style="list-style-type: none"> • Title Page • Certificate • Acknowledgment • Table of Contents • Introduction & Objective • System Analysis (Problem Definition, Feasibility Study) • System Design (DFD, ER Diagram, etc.) • Data Dictionary • Implementation (Screenshots) • Testing (Test cases and results) • Conclusion & Future Scope 	
3	Submission	<ul style="list-style-type: none"> • Submit a soft copy (CD/ Pen drive) and hard copy of the project report. Project report must be printed on both side of the page. • Project must be submitted before two weeks of commencement of theory exam • During the project viva examination project must be run. 	
4	Assessment Criteria	SEE –Exam is conducted by Saurashtra University using external examiner (examiner will evaluate the executable copy, hard copy of the project and take the viva voce)	100 Marks