Course Name	**GRADUATION PROJECT (PHASE-1)**		Course Code	**ITEC-425**		
Credit Hours	3		**Contact Hours**	**Theory**	**Lab**	**Total**
				3	-	3

| **Offered as** | ☐ University Requirement ☐ College Requirement ☒ Program Requirement ☒ Core ☐ Elective |
| | ☒ ITEC ☐ COMP ☐ CNET |

Level	7th Level	**Prerequisite**	**ITEC322 & ITEC323**

Course Description:

This course marks the initial phase of the capstone project for students in the Bachelor of Information Technology (BIT) program. Students will begin by identifying a significant problem or challenge within the field of information technology and developing a comprehensive project proposal. The course emphasizes research, planning, and the application of theoretical knowledge to practical problems. Key activities include conducting a literature review, defining project objectives, and outlining the methodology and resources required. Students will work closely with faculty advisors to refine their project ideas and ensure feasibility. By the end of this course, students will have a well-defined project plan that sets the stage for successful implementation in the subsequent phase.

Course objectives: On completion of the course, the student will be able to:

- Develop a comprehensive project proposal, including objectives, scope, methodology, and expected outcomes.
- Conduct a thorough literature review to identify existing research and technologies relevant to the project.
- Evaluate the technical feasibility of the proposed project, including resource requirements and potential challenges.
- Create a detailed project plan, including timelines, milestones, and resource allocation.
- Demonstrate effective problem-solving skills by identifying potential issues and developing strategies to address them.
- Work effectively in a team environment, demonstrating strong collaboration and communication skills.
- Present the project proposal and initial findings clearly and professionally to a diverse audience, including peers, faculty, and industry professionals.
- Demonstrate critical thinking and innovative approaches to solving complex IT problems.

Grading	☒**Mid Presentation**	**40%**	☒**Pre Presentation**	**20%**	☒**Final**	**40%**

Text Book:

Burke, R. (2010). Fundamentals of Project Management: Tools and Techniques. United Kingdom: Burke Publishing. ISBN : 9780958273367

Reference Book:

Kathy Schwabe: Information Technology Project Management, 9th Edition, 2019, **Publisher:** Cengage Learning