

Detailed Syllabus
Lecture-wise Breakup

Course Code	17I17CS511	Semester Even (specify Odd/Even)	Semester XI Session 2022 -2023 Month from Jan to June
Course Name	Dissertation (Integrated M. Tech (CSE)) (NBA Code: C219)		
Credits	20	Contact Hours	-

Faculty (Names)	Coordinator(s)	Dr. Shikha Jain
	Teacher(s) (Alphabetically)	Dr. Shikha Jain

COURSE OUTCOMES		COGNITIVE LEVELS
C219.1	Identify and refine a research problem after critical analysis of relevant literature.	Analyze (Level-4)
C219.2	Apply appropriate research methodology to design and implement the solution of research problem	Apply (Level-3)
C219.3	Critically analyse and evaluate the proposed solution with respect to state-of-art	Evaluate (Level-5)
C219.4	Report the research findings clearly and effectively both in written and oral form while following the research ethics.	Create (Level-6)
C219.5	Demonstrate significant research contribution in relation to employability and higher studies.	Create (Level-6)

Evaluation Scheme	
Day to day work to be awarded by Supervisor -	40 Marks
End Semester Evaluation by a panel of Examiners -	50 Marks
Significant/special contribution to be awarded by Panel of examiners -	10 Marks
Total Marks –	100 Marks

Detailed Syllabus
Lecture-wise Breakup

Course Code	17I17CS512	Semester Even (specify Odd/Even)	Semester XI Session 2022 -2023 Month from Jan to June
Course Name	Industrial Project (Integrated M. Tech (CSE)) (NBA Code: C220)		
Credits	20	Contact Hours	

Faculty (Names)	Coordinator(s)	Dr. Shikha Jain
	Teacher(s) (Alphabetically)	Dr. Shikha Jain

COURSE OUTCOMES		COGNITIVE LEVELS
C220.1	Identify the real world problems after critical analysis of existing solutions and tools in relevant industry	Analyze (Level-4)
C220.2	Apply engineering knowledge to design and implement the solution	Apply (Level-3)
C220.3	Critically analyse and evaluate the proposed solution with respect to alternatives	Evaluate (Level-5)
C220.4	Report the project findings clearly and effectively both in written and oral form in relation to employability while following the research ethics	Create (Level-6)

Evaluation Scheme

To be awarded by Supervisor from Industry

- (i) Problems statements and identification of work plan - 10 Marks
(ii) Execution of work plan and progress made - 40 Marks

Total (a) : 50 Marks

To be awarded by Supervisor from JIIT

- (iii) Interaction with Internal Supervisor upto mid semester - 10 Marks
(iv) Interaction with Internal Supervisor from mid to end semester - 10 Marks
(v) Report, Presentation and Viva-Voce at the end of semester - 30 Marks
by a panel of examiners consisting of Internal Supervisor,
a nominee of HoD and a nominee of Dean A & R /RID as
approved by VC

Total (b): 50 Marks

Grand Total (a+b) : 100 Marks