Detailed Syllabus
Lecture-wise Breakup

Course Code	17M17CS211	Semester Odd 2018 (specify Odd/Even)	Semester 3rd Session 2018 -2019 Month from July to Dec
Course Name	Project Based Learning – III		
Credits	4	**Contact Hours**	

Faculty (Names)	Coordinator(s)	Gagandeep Kaur
	Teacher(s) (Alphabetically)	Gagandeep Kaur

COURSE OUTCOMES		COGNITIVE LEVELS
CO1	Understand the Software Development Automation processes and work collaboratively in a small team to develop a project on software development automation.	Understanding Level (Level II)
CO2	Conduct preliminary literature Review, study different automation tools and find vulnerabilities in the studied literature/tools.	Understanding Level (Level II)
CO3	Analyze and identify the various frameworks, APIs , libraries and tools used for project/ software implementation.	Analyzing Level (Level IV)
CO4	Design Software Development Automation software using required frameworks, APIs and libraries.	Applying Level (Level III)
CO5	Evaluate and validate developed project with respect to various software automation frameworks.	Evaluating Level (Level V)
CO6	Prepare technical detailed report detailing the problem statement, proposed methodology, software specification, design, test plan, and implementation details.	Creating Level (Level VI)

Module No.	Title of the Module	Topics in the Module	No. of Lectures for the module
1.	…	…	…
2.	…	…	…
3.	…	…	…
4.	…	…	…
5.	…	…	…
6.	…	…	…
7.	…	…	…
...	…	…	…
n.	…	…	…
			…

i) Each fortnightly assessment - 8
(First assessment will be at the end of 3rd week from the beginning of the semester and thereafter fortnightly
assessment. A total of six assessments giving a total percentage
6 x 8 = 48) = 48

(ii) Report at the end of the semester - 10
(iii) Semester end presentation by the students - 10
(iv) Viva-voce at the end of the semester - 16
(v) Peer group evaluation (i.e. evaluation by the fellow students not belonging to the same batch)-8
(vi) Self assessment by the student concerned (can be - 8 moderated by the instructor)
TOTAL=100

Recommended Reading material: Author(s), Title, Edition, Publisher, Year of Publication etc. (Text books, Reference Books, Journals, Reports, Websites etc. in the IEEE format)	
1.	…
2.	…
3.	…
4.	…
...	…
m.	…

Course Code	17M27CS212	Semester Odd 2018 (specify Odd/Even)	Semester 3rd Session 2018 -2019 Month from July to Dec
Course Name	Seminar and Term Paper		
Credits	4	Contact Hours	

Faculty (Names)	Coordinator(s)	Kavita Pandey
	Teacher(s) (Alphabetically)	Kavita Pandey

COURSE OUTCOMES		COGNITIVE LEVELS
C212.1	Summarize the literature around a significant research problem in the field of Computer Science	Understand (level 2)
C212.2	Analyze the research articles from a deeper perspective and examine the research gaps	Analyze (level 4)
C212.3	Improve the communication and writing skills by compiling the findings in the form of report and seminar	Evaluate (level 6)

Module No.	Title of the Module	Topics in the Module	No. of Lectures for the module
1.	…	…	…
2.	…	…	…
3.	…	…	…
4.	…	…	…
5.	…	…	…
6.	…	…	…
7.	…	…	…
...	…	…	…
n.	…	…	…
			…

Evaluation Criteria

Components	Maximum Marks
Day to day work prior to Midterm	20
Mid term Seminar and Report	20
Day to day work after Midterm	20
End term Seminar	20
Term Paper	20
Total	**100**

Recommended Reading material: Author(s), Title, Edition, Publisher, Year of Publication etc. (Text books, Reference Books, Journals, Reports, Websites etc. in the IEEE format)	
1.	…
2.	…
3.	…
4.	…
...	…
m.	…

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Lab-wise Breakup

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Course Code	17M27CS213	Semester Odd (specify Odd/Even)	Semester 3rd /10th Session 2018 - 2019
			Month from July-Dec

Course Name	Dissertation

Credits	4	Contact Hours	8

Faculty (Names)	Coordinator(s)	Dr. Sangeeta Mittal
	Teacher(s) (Alphabetically)	Dr. Sangeeta Mittal

COURSE OUTCOMES		COGNITIVE LEVELS
C213.1	Summarize, Compare, and interpret relevant scholarly literature relating to the field of computer science	Understand Level (Level-2)
C213.2	Analyze chosen literature to identify a research problem, its requirements and metrics	Analyze Level (Level-4)
C213.3	Develop substantial software development skills and apply them to construct computing-based solution to the identified problem	Apply Level (Level-3)
C213.4	Interpret and critically evaluate results to establish appropriateness of solutions	Evaluate Level (Level-5)
C213.5	Create written discourse for presentation of work done in a scientific manner	Create Level (Level-6)

Detailed Syllabus
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Course Code	17M27CS214	Semester Odd (specify Odd/Even)	Semester 3rd / 10th Session 2018 - 2019 Month from July-Dec
Course Name	Industrial Project		
Credits	4	Contact Hours	8

Faculty (Names)	Coordinator(s)	Dr. Sangeeta Mittal
	Teacher(s) (Alphabetically)	Dr. Sangeeta Mittal

COURSE OUTCOMES		COGNITIVE LEVELS
C214.1	Analyse open problems in chosen industry to formulate project statement	Analyse (Level-3)
C214.2	Apply acquired Computer Science concepts and tools to solve the business-related problem	Apply (Level-3)
C214.3	Evaluate proposed solution with respect to alternatives to establish its efficacy	Evaluate(Level-5)
C214.4	Create oral and written account of the work done and its results and conclusions	Create (Level-6)