III B. Tech II Semester

SUBJECT: DESIGN AND ANALYSIS OF ALGORITHMS - CS603PC

After going through this course, the student got a thorough knowledge on:

Course Code	Course Outcome	Bloom's Taxonomy level
CS603PC.1	Identify appropriate data structure as applied to specific problem domain and examine computational complexities.	**2**
CS603PC.2	Illustrate Dynamic programming strategies and Greedy strategies.	**4**
CS603PC.3	Determine and Distinguish the concept of Advance data structures.	**5**
CS603PC.4	Examine various graph algorithms and their complexities.	**4**
CS603PC.5	Outline the basic concepts of computational complexities.	**2**
CS603PC.6	Define and memorize various flow and sorting networks	**1**

MAPPING

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS603PC.1	3	3	2	1	1	1	1		2	2		1	2	2	2
CS603PC.2	2	2	1	1		1			2	2	2	1	2	3	3
CS603PC.3	2	1	1	1			1	1	1		1	2	2	3	2
CS603PC.4	2	1	1		1				1	1	1	2	2	2	3
CS603PC.5	3	3	3	2	3	1			2	3	2	3	2	3	3
AVERAGE	**2.4**	**2**	**1.6**	**1.25**	**1.667**	**1**	**1**	**1**	**1.6**	**2**	**1.5**	**1.8**	**2**	**2.6**	**2.6**

III B. Tech II Semester

SUBJECT: COMPILER DESIGN - CS602PC

After going through this course the student got a thorough knowledge on:

Course Code	Course Outcome	Bloom's Taxonomy level
CS602PC.1	Explain the phases of a Compiler	**5**
CS602PC.2	Illustrate the translation of regular expression into parse tree using syntax analyzer	**4**
CS602PC.3	Construct the intermediate representation considering the type systems	**2**
CS602PC.4	Apply the optimization techniques for the generated code	**3**
CS602PC.5	Use the different compiler construction tools to develop a simple compiler	**3**

MAPPING

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS602PC.1	2	2	3	2	2	1		1	2	2	3	2	3	1	2
CS602PC.2	3	3	2	1	1	1	1	1			2	3	1	3	2
CS602PC.3	2	1	1	3	1		1		1		2	2	1	3	3
CS602PC.4	1	2	2	2	1		1			2	1	2	2	1	3
CS602PC.5	2	1	1	1	3	1			2	1	1	1	2	2	2
AVERAGE	**2.0**	**1.8**	**1.8**	**1.8**	**1.6**	**1.0**	**1.0**	**1.0**	**1.7**	**1.7**	**1.8**	**2.0**	**1.8**	**2.0**	**2.4**

III B. Tech II Semester

SUBJECT: SOFTWARE TESTING METHODOLOGIES - CS615PE

After going through this course the student got a thorough knowledge on:

Course Code	Course Outcome	Bloom's Taxonomy level
CS615PE.1	To provide knowledge of the concepts in software testing such as testing process, criteria, strategies, and methodologies.	**4**
CS615PE.2	To develop skills in software test automation and management using latest tools.	**3**
CS615PE.3	Design and develop the best test strategies in accordance to the development model.	**3**
CS615PE.4	To provide knowledge of Software Testing Methods.	**2**
CS615PE.5	To develop skills in software test automation and management using latest tools.	**2**

MAPPING

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS615PE.1	3	3	2	2	2			1	1		2	3	1		2
CS615PE.2	2	2	2	1	2	1	1			2	2	3	2	2	2
CS615PE.3	2	2	1	2	2	1				2	3	3	1	2	3
CS615PE.4	2	3	2	1	1	1				2	3	2	3	2	3
CS615PE.5	2	2	2	2	1				1	1	3	2	3	3	2
AVERAGE	**2.2**	**2.4**	**1.8**	**1.6**	**1.6**	**1.0**	**1.0**	**1.0**	**1.0**	**1.8**	**2.6**	**2.6**	**2.0**	**2.3**	**2.4**

III B. Tech II Semester

SUBJECT: SOFTWARE TESTING METHODOLOGIES LAB- CS733PE

After going through this course the student got a thorough knowledge on:

Course Code	Course Outcome	Bloom's Taxonomy level
CS733PE.1	To provide knowledge of the concepts in software testing such as testing process, criteria, strategies, and methodologies.	**4**
CS733PE.2	To develop skills in software test automation and management using latest tools.	**1**
CS733PE.3	Design and develop the best test strategies in accordance to the development model.	**5**
CS733PE.4	To provide knowledge of Software Testing Methods.	**3**
CS733PE.5	To develop skills in software test automation and management using latest tools.	**2**

MAPPING

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS733PE.1	3	3	2	2	2			1	1		2	3	1		2
CS733PE.2	2	2	2	1	2	1	1			2	2	3	2	2	2
CS733PE.3	2	2	1	2	2	1				2	3	3	1	2	3
CS733PE.4	2	3	2	1	1	1				2	3	2	3	2	3
CS733PE.5	2	2	2	2	1				1	1	3	2	3	3	2
AVERAGE	**2.2**	**2.4**	**1.8**	**1.6**	**1.6**	**1.0**	**1.0**	**1.0**	**1.0**	**1.8**	**2.6**	**2.6**	**2.0**	**2.3**	**2.4**

III B. Tech II Semester

SUBJECT: MACHINE LEARNING- CS601PE

After going through this course the student got a thorough knowledge on:

Course Code	Course Outcome	Bloom's Taxonomy level
CS601PE.1	Understand the concepts of computational intelligence like machine learning Ability to get the skill	**5**
CS601PE.2	to apply machine learning techniques to address the real time problems in different areas	**3**
CS601PE.3	Understand the Neural Networks and its usage in machine learning application.	**2**
CS601PE.4	To study the pattern comparison techniques	**4**
CS601PE.5	To understand computational learning theory.	**2**

MAPPING

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS601PE.1	3	2	2	2	2	1			2	2	3	3	2	3	2
CS601PE.2	2	3	2	1	3		1		2	2	3	3	2	3	2
CS601PE.3	2	2	2	2					1	1	2	3	2	2	2
CS601PE.4	2	2	1	3	1		1	1		1	2	3	2	2	2
CS601PE.5	3	2	3	2	2	1			1		2		3	1	3
AVERAGE	**2.4**	**2.2**	**2**	**2**	**2**	**1**	**1**	**1**	**1.5**	**1.5**	**2.4**	**3**	**2.2**	**2.2**	**2.2**

III B. Tech II Semester

SUBJECT: MACHINE LEARNING LAB- CS604PC

After going through this course the student got a thorough knowledge on:

Course Code	Course Outcome	Bloom's Taxonomy level
CS604PC.1	understand complexity of Machine Learning algorithms and their limitations	**4**
CS604PC.2	understand modern notions in data analysis-oriented computing	**3**
CS604PC.3	be capable of confidently applying common Machine Learning algorithms in practice and implementing their own	**3**
CS604PC.4	Be capable of performing experiments in Machine Learning using real-world data	**2**
CS604PC.5	To understand computational learning theory.	**1**

MAPPING

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS604PC.1	3	2	2	2	2	1			2	2	3	3	2	3	2
CS604PC.2	2	3	2	1	3		1		2	2	3	3	2	3	2
CS604PC.3	2	2	2	2					1	1	2	3	2	2	2
CS604PC.4	2	2	1	3	1		1	1		1	2	3	2	2	2
CS604PC.5	3	2	3	2	2	1			1		2		3	1	3
AVERAGE	**2.4**	**2.2**	**2**	**2**	**2**	**1**	**1**	**1**	**1.5**	**1.5**	**2.4**	**3**	**2.2**	**2.2**	**2.2**

III B. Tech II Semester

SUBJECT: COMPILER DESIGN LAB - CS605PC

After going through this course the student got a thorough knowledge on:

Course Code	Course Outcome	Bloom's Taxonomy level
CS602PC.1	Explain the phases of a Compiler	**5**
CS602PC.2	Illustrate the translation of regular expression into parse tree using syntax analyzer	**4**
CS602PC.3	Construct the intermediate representation considering the type systems	**2**
CS602PC.4	Apply the optimization techniques for the generated code	**3**
CS602PC.5	Use the different compiler construction tools to develop a simple compiler	**3**

MAPPING

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS602PC.1	2	2	3	2	1			1	2	2	3	2	3	1	1
CS602PC.2	3	3	2	1		1	1					3	1	3	1
CS602PC.3	2	1	1	3					1			2	1	3	1
CS602PC.4	1	2	2	2						1		2	2	1	1
CS602PC.5	2	1	1	1	1	1			2	1	1	1	2	2	
AVERAGE	**2.0**	**1.8**	**1.8**	**1.8**	**1.0**	**1.0**	**1.0**	**1.0**	**1.7**	**1.7**	**1.8**	**2.0**	**1.8**	**2.0**	**2.0**