III B. Tech I Semester

SUBJECT: COMUTER NETWORKS AND WEB TECHNOLOGIES Lab (CS506PC)

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

Course Code	Course Outcome	Bloom's Taxonomy level
CS506PC.1	Explain OSI Reference Model and in particular have a good knowledge of Layers 1-3	**4**
CS506PC.2	Working knowledge of datagram and internet socket programming	**4**
CS506PC.3	Design and test simple programs to implement networking concepts using Java.	**3**
CS506PC.4	Design simple data transmission using networking concepts and implement.	**2**
CS506PC.5	Compare and analyze different existing protocols.	**3**

MAPPING

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS506PC.1	2			1			1		2	3	2	2	2	3	2
CS506PC.2	2	2		1	2	1	1		1	3	2	3	1	3	2
CS506PC.3	3	2	2	2	2	1		1	2	2	3	2	2	2	2
CS506PC.4	3	3	2	2	2	1			3	2	2	1	2	2	2
CS506PC.5	2	2	2	3	3	1		1	1	1	1	1	1	2	3
AVERAGE	**2.4**	**2.25**	**2**	**1.8**	**2.25**	**1**	**1**	**1**	**1.8**	**2.2**	**2**	**1.8**	**1.6**	**2.4**	**2.2**

III B. Tech I Semester

SUBJECT: COMPUTER NETWORKS (CS503PC)

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

Course Code	Course Outcome	Bloom's Taxonomy level
CS503PC.1	Know the Categories and functions of various Data communication Networks	**4**
CS503PC.2	Design and analyze various error detection techniques.	**4**
CS503PC.3	Demonstrate the mechanism of routing the data in network layer	**3**
CS503PC.4	Know the significance of various Flow control and Congestion control Mechanisms	**2**
CS503PC.5	Know the Functioning of various Application layer Protocols.	**3**

MAPPING

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS503PC.1	2	2	1	2	3		1	1	2	3	3	3	3	2	2
CS503PC.2	2	3	3	2	1	1			1	2	2	1	1	1	2
CS503PC.3	3	2	2	1		1				2	2	2	2	1	3
CS503PC.4	3		1	2	1	1			2		2	1	3	2	3
CS503PC.5	2	2	1	1	3		1		2	1	2	1	1	2	2
AVERAGE	**2.4**	**2.25**	**1.6**	**1.6**	**2**	**2**	**1**	**1**	**1.75**	**2**	**2.2**	**1.6**	**2**	**1.6**	**2.4**

III B. Tech I Semester

SUBJECT: WEB TECHNOLOGIES (CS504PC)

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

Course Code	Course Outcome	Bloom's Taxonomy level
CS504PC.1	Design web pages.	**4**
CS504PC.2	Use technologies of Web Programming.	**3**
CS504PC.3	Apply object-oriented aspects to Scripting.	**2**
CS504PC.4	Create databases with connectivity using JDBC	**5**
CS504PC.5	Build web-based application using sockets.	**1**

MAPPING

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS504PC.1	2	3	2	2	2	1	1		2	2	2	1	1	3	3
CS504PC.2	1	3	2	2	2	1	1		1	2	2	3	1	2	3
CS504PC.3	1	3	1	1	2	1		1	1	3	3	2		2	2
CS504PC.4	2	3		1					1	1	3	1	1	2	2
CS504PC.5	3	3	3	1	3				2	1	2		1	2	2
AVERAGE	**1.8**	**3**	**2**	**1.4**	**2.25**	**1**	**1**	**1**	**1.4**	**1.8**	**2.4**	**1.75**	**1**	**2.2**	**2.4**

III B. Tech I Semester

SUBJECT: FORMAL LANGUAGE AND AUTOMATA THEORY (CS501PC)

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

Course Code	Course Outcome	Bloom's Taxonomy level
CS501PC.1	Able to understand the concept of abstract machines and their power to recognize the languages.	**4**
CS501PC.2	Able to employ finite state machines for modeling and solving computing problems	**3**
CS501PC.3	Able to design context free grammars for formal languages	**2**
CS501PC.4	Able to distinguish between decidability and undesirability	**1**
CS501PC.5	Able to gain proficiency with mathematical tools and formal methods	**3**

MAPPING

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS501PC.1	2	3	2	2	2		1			1	1	3	2	2	2
CS501PC.2	2	1	3	1	2			1		1		3	2	2	2
CS501PC.3	2	1	2	1	2	1		1	1	1	2	2	1	1	3
CS501PC.4	2	1	1	1		1			2	2	2	2	2	1	3
CS501PC.5	3	1	1	3	1	1			2	1	3		2	1	3
AVERAGE	**2.2**	**1.4**	**1.8**	**1.6**	**1.8**	**1.0**	**1.0**	**1.0**	**1.7**	**1.2**	**2.0**	**2.5**	**1.8**	**1.4**	**2.6**

III B. Tech I Semester

SUBJECT: COMPILER DESIGN Lab- CS602PC

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

Course Code	Course Outcome	Bloom's Taxonomy level
CS602PC.1	Design and develop interactive and dynamic web applications using HTML, CSS, JavaScript and XML	**2**
CS602PC.2	Apply client-server principles to develop scalable and enterprise web applications	**3**
CS602PC.3	Ability to design, develop, and implement a compiler for any language.	**4**
CS602PC.4	Able to use lex and yacc tools for developing a scanner and a parser	**1**
CS602PC.5	Able to design and implement LL and LR parsers	**2**

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	3	2	3	2	2
CS602PC.2	3	3	2		1	1			1	1	3	2	2	3	3
CS602PC.3	2	1	3	3	1	1	1		3	2	2	1	2	3	2
CS602PC.4	3	1	2	2	2	1			3	1	1	2	2	2	3
CS602PC.5	2	3	3	1	3	1	1		2	1	1	2	2	2	3
AVERAGE	**2.4**	**2**	**2.6**	**2**	**1.8**	**1**	**1**	**1**	**2**	**1.4**	**2**	**1.8**	**2.2**	**2.4**	**2.6**

III B. Tech I Semester

SUBJECT: INFORMATIONAL RETRIEVAL SYSTEMS- CS614PE

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

Course Code	Course Outcome	Bloom's Taxonomy level
CS614PE.1	Ability to apply IR principles to locate relevant information large collections of data	**2**
CS614PE.2	Ability to design different document clustering algorithms	**3**
CS614PE.3	Implement retrieval systems for web search tasks	**4**
CS614PE.4	Design an Information Retrieval System for web search tasks.	**4**
CS614PE.2	To learn the important concepts and algorithms in IRS	**4**

MAPPING

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS614PE.1	3	1	1	2	1	3	1		2	2	3	2	2	1	2
CS614PE.1	2	2	1	2	1	3	1	1	2		2	2	3	1	2
CS614PE.1	2	2	2	2	1	2	1		1			2	1	3	2
CS614PE.1	2	2	1	1	1				3	2		3	1	2	3
CS614PE.1	3	1	1		1				1	1	1	2	2	2	3
AVERAGE	**2.4**	**1.6**	**1.2**	**1.75**	**1**	**2.67**	**1**	**1**	**1.8**	**1.67**	**2**	**2.2**	**1.8**	**1.8**	**2.4**

III B. Tech I Semester

SUBJECT: PRINCIPLES OF PROGRAMMING LANGUAGES- CS515PE

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

Course Code	Course Outcome	Bloom's Taxonomy level
CS515PE.1	Acquire the skills for expressing syntax and semantics in formal notation	**2**
CS515PE.2	Gain knowledge of and able to compare the features of various programming languages	**4**
CS515PE.3	Identify and apply a suitable programming paradigm for a given computing application	**4**
CS515PE.4	To provide conceptual understanding of high-level language design and implementation	**1**
CS515PE.5	To understand important paradigms of programming languages	**4**

MAPPING

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS515PE.1	2	2	2	1	2		1		2	2	2	2	2	3	3
CS515PE.2	3	1	2	2	2	1	1		2	2	2	3	3	2	2
CS515PE.3	3	1	2	2	2	1			1	3		2	3	2	2
CS515PE.4	2	1	1			2			2	3		1	3	3	2
CS515PE.5	2	3	1	1	1			1		2	1	2	2	2	3
AVERAGE	**2.4**	**1.6**	**1.6**	**1.5**	**1.75**	**1.33**	**1**	**1**	**1.75**	**2.4**	**1.67**	**2**	**2.6**	**2.4**	**2.4**

III B. Tech I Semester

SUBJECT: SOFTWARE ENGINEERING- CS502PC

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

Course Code	Course Outcome	Bloom's Taxonomy level
CS502PC.1	Ability to translate end-user requirements into system and software requirements, using e.g. UML, and structure the requirements in a Software Requirements Document (SRD).	**2**
CS502PC.2	Identify and apply appropriate software architectures and patterns to carry out high level design of a system and be able to critically compare alternative choices.	**4**
CS502PC.3	Will have experience and/or awareness of testing problems and will be able to develop a simple testing report	**4**
CS502PC.4	Understanding of the working knowledge of the techniques for estimation, design, testing and quality management of large software development projects.	**1**
CS502PC.5	Identify and apply appropriate software architectures and patterns	**4**

MAPPING

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS502PC.1	2	3	2	2	3		1			2	2	2	1	2	3
CS502PC.2	2	1	2	3	3						2	2	2	2	3
CS502PC.3	2	2	2	2	2				2	1	1	3	2	2	2
CS502PC.4	2	2	1		2	1		1	2	1	1	2	2	3	1
CS502PC.5	2	1	1	1	1	1	1		1	2		2	2	1	1
AVERAGE	**2.0**	**1.8**	**1.6**	**2.0**	**2.2**	**1.0**	**1.0**	**1.0**	**1.7**	**1.5**	**1.5**	**2.2**	**1.8**	**2.0**	**2.0**

III B. Tech I Semester

SUBJECT: SOFTWARE ENGINEERING LAB- CS505PC

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

Course Code	Course Outcome	Bloom's Taxonomy level
CS505PC.1	Ability to translate end-user requirements into system and software requirements	**2**
CS505PC.2	Ability to generate a high-level design of the system from the software requirements	**4**
CS505PC.3	To experience and/or awareness of testing problems and will be able to develop a simple testing report	**5**
CS505PC.4	Identify and apply appropriate software architectures and patterns	**5**
CS505PC.5	Understanding of the working knowledge of the techniques for estimation, design	**5**

MAPPING

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS505PC.1	3	2	2	2	2				3	2	2	1	2	2	2
CS505PC.2	1	2	2	2	3	1		1		1	2	1	3	2	2
CS505PC.3	2	3	3		3		1		2	1		2	2	2	3
CS505PC.4	2	2	3	3	2	1		1	2	1	1	2	3	3	3
CS505PC.5	2	2	3	3	2	1			2			1	1	3	2
AVERAGE	**2.0**	**2.2**	**2.6**	**2.5**	**2.4**	**1.0**	**1.0**	**1.0**	**2.3**	**1.3**	**1.7**	**1.4**	**2.2**	**2.4**	**2.4**