PERI
INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
REGULATION-2017

COURSE OUTCOMES

SEM VI	**Course Name: Internet Programming – CS8651**	
	Students will be able to:	
	CS8651.1	Construct a basic website using HTML and Cascading Style Sheets.
	CS8651.2	Build dynamic web page with validation using Java Script objects and by applying different event handling mechanisms.
	CS8651.3	Develop server-side programs using Servlets and JSP.
	CS8651.4	Construct simple web pages in PHP and to represent data in XML format.
	CS8651.5	Use AJAX and web services to develop interactive web applications.

SEM VI	**Course Name: Artificial Intelligence – CS8691**	
	Students will be able to:	
	CS8691.1	Use appropriate search algorithms for any AI problem
	CS8691.2	Represent a problem using first order and predicate logic
	CS8691.3	Provide the apt agent strategy to solve a given problem
	CS8691.4	Design software agents to solve a problem
	CS8691.5	Design applications for NLP that use Artificial Intelligence.

SEM	**Course Name: Mobile Computing – CS8601**

	Students will be able to:	
	CS8601.1	Explain the basics of mobile telecommunication systems.
	CS8601.2	Illustrate the generations of telecommunication systems in wireless networks.
	CS8601.3	Determine the functionality of MAC, network layer and Identify a routing protocol for a given Ad hoc network.
	CS8601.4	Explain the functionality of Transport and Application layers.
	CS8601.5	Develop a mobile application using android/blackberry/iOS/Windows SDK

SEM VI	**Course Name: Compiler Design – CS8602**	
	Students will be able to:	
	CS8602.1	Understand the different phases of compiler.
	CS8602.2	Design a lexical analyzer for a sample language
	CS8602.3	Apply different parsing algorithms to develop the parsers for a given grammar.
	CS8602.4	Understand syntax-directed translation and run-time environment.
	CS8602.5	Learn to implement code optimization techniques and a simple code generator
	CS8602.6	Design and implement a scanner and a parser using LEX and YACC tools.

SEM VI	**Course Name: Distributed Systems – CS8603**	
	Students will be able to:	
	CS8603.1	Elucidate the foundations and issues of distributed systems.
	CS8603.2	Understand the various synchronization issues and global state for distributed systems.
	CS8603.3	Understand the Mutual Exclusion and Deadlock detection algorithms in distributed systems.
	CS8603.4	Describe the agreement protocols and fault tolerance mechanisms in distributed systems.
	CS8603.5	Describe the features of peer-to-peer and distributed shared memory systems.
	CS8603.6	Design and implement a scanner and a parser using LEX and YACC tools.

SEM VI	**Course Name: Data Warehousing and Data Mining – CS8075**	
	Students will be able to:	
	CS8075.1	Design a data mining tools.
	CS8075.2	Design a Data warehouse system and perform business analysis with OLAP tools.
	CS8075.3	Apply suitable pre-processing and visualization techniques for data analysis
	CS8075.4	Apply frequent pattern and association rule mining techniques for data analysis
	CS8075.5	Apply appropriate classification and clustering techniques for data analysis

SEM VI	**Course Name: Internet programming Laboratory – CS8661**	
	Students will be able to:	
	CS8661.1	Design Web pages using HTML/XML and style sheets
	CS8661.2	Create user interfaces using Java frames and applets.
	CS8661.3	Create dynamic web pages using server-side scripting.
	CS8661.4	Write Client Server applications.
	CS8661.5	Use the frameworks JSP Strut, Hibernate, Spring

SEM VI	**Course Name: Mobile Application Development Laboratory – CS8662**	
	Students will be able to:	
	CS8662.1	Build a native application using GUI components and Mobile application development framework
	CS8662.2	Develop an application using basic graphical primitives and databases
	CS8662.3	Construct an application using multi-threading and RSS feed
	CS8662.4	Make use of location identification using GPS in an application
	CS8662.5	Model new applications to hand held devices