



DEPARTMENT OF COMPUTER IENCE AND ENGINEERING
ACHARYA INSTITUTE OF TECHNOLOGY

Syllabus Coverage for 7th Sem- II IA

SL. NO.	Course Name		Code	Section	Syllabus covered	Name of Faculty
1	Big Data Analytics		21CS71	A	Module 2 from Hadoop Distributed file system & Module 3	Mrs. Rakshitha B T
				B		Mrs. Rakshitha B T
				C		Dr. Ajith Padyana
				D		Dr. Ajith Padyana
2	Cloud Computing		21CS72	A	Module 3 & Module 4 up to Security in OS	Mr. Gowtham Raj
				B		Mr. Gowtham Raj
				C		Mr. Srikant S P
				D		Mr. Srikant S P
3	Professional elective -II	Internet of Things	21CS73X		Module 3 & Module 4- Introduction to IOT connectivity technology, IEEE 802.15.4	Mr. Gururaj P
		Cryptography and Network Security				Mr.Summit
					Module 3 & Module 4 -chapter 1	Mrs. Sruthika Rampure
						Mr. Rathnakeerthi
4	Professional elective -III	NoSQL Data Base	21CS74X		Module 2 & Module 3	Dr. Prakash Babu
		Software Architecture and Design Patterns			Module 2 & Module 3	Mr. Sanjay P
		Deep Learning			Module 3 & Module 4 up to Convolution operation and pooling	Dr. Ajith Padyana
						Mr. Gowtham Raj

5	Open elective course II	Biofuels and Bioenergy (21BT754)	21XX75X	Module 2 second half Module 3 & module 4 up to Reaction stoichiometry	Ms. Namratha Patil
		Electric vehicles (21EE752)		Module 2 & Module 3	Ms. Chaitra H
		Biosensor and Applications (21BT752)		Module 2 second half Module 3	Dr. Allwin Ebinesar J S S
		Electrical Energy Conservation and Auditing (21EE755)		Module 3 & Module 5	Mr. G Gowtham
		Basics of Flight Simulation (21AE755)		Module 3 & Module 4 up to Air craft equation of motion	Mr. Akash
		Non Traditional Machining (21ME751)		Module 3 & Module 4	Dr. Shadakshari R
		Air Traffic and weather (21AE753)		Module 2 second half Module 3	Mr. Allwyn B
		Robotics for Industry (21MT755)		Module 3 & Module 4 up to Type of robot programming	Mr. Naveen
		Operations Research (21ME753)		Module 4 & Module 5	Dr. Nagraj K C
		Environmental Protection and Management content (21CV753)		Module 2 second half, Module 3 & Module 4	Ms. Soumya

IA Coordinators

Mrs Vijayalakshmi S A

Mr. Gowtham Raj

B. Ajith Padyana
Head of the Department
Dr. Ajith Padyana

Head of the Department
Department of Computer Science & Engg
Acharya Institute of Technology
Siddavanhalli, Bengaluru - 560027

