



**DEPARTMENT OF COMPUTER IENCE AND ENGINEERING**  
**ACHARYA INSTITUTE OF TECHNOLOGY**

**Syllabus Coverage for 7th Sem- I IA**

SL. NO.	Course Name		Code	Section	Syllabus covered	Name of Faculty
1	Big Data Analytics		21CS71	A	Module 1 & Module 2 up to Hadoop Ecosystem Tools	Mrs. Rakshitha B T
				B		Mrs. Rakshitha B T
				C		Dr. Ajith Padyana
				D		Dr. Ajith Padyana
2	Cloud Computing		21CS72	A	Module 1 & Module 2 up to Types of Virtualizations	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 1 & Module 2	Mr. Gururaj P
		Cryptography and Network Security			Module 1 & Module 2	Mr.Summit
						Mrs. Sruthika Rampure
						Mr. Rathnakeerthi
4	Professional elective -III	NoSQL Data Base	21CS74X		Module 1	Dr. Prakash Babu
						Mr. Sanjay P
		Software Architecture and Design Patterns			Module 1 & Module 2	Dr. Ajith Padyana
		Deep Learning			Module 1 & Module 2 up to Gradient based Learning	Mr. Gowtham Raj

5	Open elective course II	Biofuels and Bioenergy (21BT754)	21XX75X		Module 1 & Module 2 up to fermentation technology in biofuel production	Ms. Namratha Patil
		Electric vehicles (21EE752)			Module 1	Ms. Chaitra H
		Biosensor and Applications (21BT752)			Module 1 & Module 2 (ELISA to antibodies-based sensors)	Dr. Allwin Ebinesar J S S
		Electrical Energy Conservation and Auditing (21EE755)			Module 1 & Module 2	Mr. G Gowtham
		Basics of Flight Simulation (21AE755)			Module 1 & Module 2	Mr. Akash
		Non Traditional Machining (21ME751)			Module 1 & Module 2	Dr. Shadakshari R
		(21AE753)				
		Robotics for Industry (21MT755)			Module 1 & Module 2 up to	Mr. Naveen
		Operations Research (21ME753)			Module 1 & Module 3 up to Transportation problems	Dr. Nagraj K C
		Environmental Protection and Management content (21CV753)			Module 1 & Module 2	Ms. Soumya

IA Coordinators

Mrs Vijayalakshmi S A

Mr. Gowtham Raj

Head of the Department

Dr. Ajith Padyana

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