



Indira College of Engineering and Management
an Autonomous Institute of
Savitribai Phule Pune University, Pune
Maharashtra, India

National Education Policy 2020 compliant Curriculum

Second Year B. Tech (AI and DS)
(With effect from 2025-26)

Indira Chanakya Campus(ICC)

S. No. 64,65, Gat No. 276 At Post : Parandwadi,
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Semester-III

Course Code	Name of Course	Course Category (As per NEP)	Teaching Scheme				Credits	Evaluation Scheme					
			L	T	P	Total		Theory			Practical		Total Marks
								TAE	CAE	ESE	INT	EXT	
24UAIL301	Data Engineering	Program Core Course (PCC)	2	-	-	2	2	10	15	50	-		75
24UAIP301	Data Engineering	Program Core Course (PCC)	-	-	4	4	2	-	-	-	-	25	25
24UAIL302	Data Structure	Program Core Course (PCC)	2	-	-	2	2	10	15	50	-	-	75
24UAIP302	Data Structure	Program Core Course (PCC)	-	-	2	2	1	-	-	-	-	25	25
24UAIL303	Agile Engineering and Project Management	Program Core Course (PCC)	3	-	-	3	3	-	-	50	-	-	50
24UAIXXX X	Minor-I	Multidisciplinary Minor-I	2	-	-	2	2	10	15	25	-	-	50
24UXXXX XX	Open Elective-I	Open Elective(OE)	3	-	-	3	3	10	15	50	-	-	75
24UXXXX XX	Open Elective-I	Open Elective(OE)	-	-	2	2	1	-	-	-	25	-	25
24UESP305	Entrepreneurship Essentials I	Entrepreneurs hip	-	-	4	4	2	-	-	-	25	-	25
24UVEL306	VEC –I (Understanding India)	Value Education (VEC-I)	2	-	-	2	2	-	-	-	25	-	25
24UAIP303	Animated AI	Field Project-I	-	-	4	4	2	-	-	-	25	25	50
	Total		14	-	16	30	22	40	60	225	100	75	500



Dr. Manjusha Tatiya
BOS Chairman



Dr. Nilesh Uke
Director





Dr. Saurabh Gupta
Dean Academics



Dr. Neha Sharma
VC Nominee

Semester-IV

Course Code	Name of Course	Course Category (As per NEP)	Teaching Scheme				Credits	Evaluation Scheme					
			L	T	P	Total		Theory			Practical		Total Marks
								TAE	CAE	ESE	INT	EXT	
24UAIL401	Feature Engineering (ML)	Program Core Course (PCC)	2	-	-	2	2	10	15	50	-	-	75
24UAIP401	Feature Engineering (ML)	Program Core Course (PCC)	-	-	4	4	2	-	-	-	-	25	25
24UAIL402	Industrial IoT	Program Core Course (PCC)	2	-	-	2	2	10	15	50	-	-	75
24UAIP402	Industrial IoT	Program Core Course (PCC)	-	-	2	2	1	-	-	-	-	25	25
24UAIP403	Statistics and Probability	Program Core Course (PCC)	2	1	-	3	3	10	15	50	-	-	75
24UAIXXXX	Minor –II	Multidisciplinary Minor-II	2	-	-	2	2	10	15	25	-	-	50
24UXXXXXX	Open Elective -II	Open Elective(OE)	2	-	-	2	2	10	15	25	-	-	50
24UAIP404	SEC-III (CI/CD)	Vocational & Skill Enhancement Course (VSC)	-	-	4	4	2	-	-	-	25	-	25
24UBSP407	Modern Office (Life Skill) Management	Ability Enhancement Course (AEC-I)	-	-	4	4	2	-	-	-	25	-	25
24UESP408	Entrepreneurship Essentials II	Entrepreneurship	-	-	4	4	2	-	-	-	25	-	25
24UVEP409	VEC II (Environment Awareness)	Value Education Course (VEC)	-	-	4	4	2	10	15	-	25	-	50
	Total		10	1	22	33	22	60	90	200	100	50	500

Dr. Manjusha Tatiya
BOS Chairman

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