SHREE CHANAKYA EDUCATION SOCIETY'S

INDIRA COLLEGE OF ENGINEERING AND MANAGEMENT

Approved by AICTE New Delhi, DTE (MS) and Affiliated to Pune University (Id-No.PU/PN/Engg/282/2007)
(An Autonomous Institute Affiliated to Savitribai Phule Pune University Pune)
NAAC Accredited

F.Y. M. Tech (Computer Engineering)
Academic Year – 2024-2025(As per National Education Policy 2020)
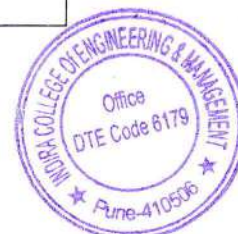
Semester- I Structure

Course Code	Name of Course	Teaching Scheme				Total Credits	Evaluation Scheme					Total Marks
							Theory			Lab		
		Theory	Tutorial	Lab	Total		TAE	CAE	ESE	INT	EXT	
24PCE101	Analysis of Algorithm	03	-	-	03	03	25	25	50	-	-	100
24PCE102	Block Chain Technology and Applications	03	-	-	03	03	25	25	50	-	-	100
24PCE103	Business Intelligence	03	-	-	03	03	25	25	50	-	-	100
24PCE104-X	Elective -I	03	-	-	03	03	25	25	50	-	-	100
24PCE105	Research Methodology	02	02	-	04	04	-	-	50	-	-	50
24PCE106	Laboratory Practice-I	-	-	08	08	04	25	-	-	-	25	50
	Total	14	02	08	24	20	125	100	250	-	25	500

Elective -I	
Course Code	Name of Course
24PCE104-A	Optimization Techniques in Problem Solving
24PCE104-B	Big Data Analytics
24PCE104-C	Digital Forensics

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Semester- II Structure

Course Code	Name of Course	Teaching Scheme				Total Credits	Evaluation Scheme					
							Theory			Lab		
		Theory	Tutorial	Lab	Total		TAE	CAE	ESE	INT	EXT	Total Marks
24PCE201	Advance Computer Architecture	03	-	-	03	03	25	25	50	-	-	100
24PCE202	Data Science	03	-	-	03	03	25	25	50	-	-	100
24PCE203-X	Elective -II	03	01	-	04	04	25	25	50	-	-	100
24PCE204	Laboratory Practice-II	-	-	08	08	04	25	-	-	-	25	50
24PCE205	Indian Knowledge Systems (IKS)	-	-	04	04	02	25	-	-	25	-	50
24PCE206	On Job Training (OJT) / SWAYAM	-	-	08	08	04	50	-	-	50	-	100
	Total	**09**	**01**	**20**	**30**	**20**	**175**	**75**	**150**	**75**	**25**	**500**

Elective -II	
Course Code	**Name of Course**
24PCE203-A	Wireless Sensor Networks
24PCE203-B	Generative Artificial Intelligence
24PCE203-C	Parallel Computing

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Semester- III Structure

Course Code	Name of Course	Teaching Scheme				Total Credits	Evaluation Scheme					Total Marks
							Theory			Lab		
		Theory	Tutorial	Lab	Total		TAE	CAE	ESE	INT	EXT	
24PCE301	Seminar-I	-	-	04	04	02	25	-	-	50	-	75
24PCE302	Research Paper Publication-I	-	-	04	04	02	25	-	-	50	-	75
24PCE303	Research Project Stage-I (Dissertation)	-	-	32	32	16	25	-	-	50	25	100
	Total	-	-	40	40	20	75	-	-	150	25	250

Semester- IV Structure

Course Code	Name of Course	Teaching Scheme				Total Credits	Evaluation Scheme					Total Marks
							Theory			Lab		
		Theory	Tutorial	Lab	Total		TAE	CAE	ESE	INT	EXT	
24PCE401	Research Paper Publication-II	-	-	04	04	02	25	-	-	25	-	50
24PCE402	Research Project Stage-II (Dissertation)	-	-	36	36	18	50	-	-	75	75	200
	Total	-	-	40	40	20	75	-	-	100	75	250

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