
 MANJARA CHARITABLE TRUST
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI
 (Permanently affiliated to University of Mumbai)
Department of Computer Engineering

DIRECT ATTAINMENT OF PROGRAM OUTCOMES(UNDER GRADUATE PROGRAM)

COURSE CODE	COURSE NAME	PROGRAM OUTCOMES											
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
SEMESTER III (REV 2016)													
CSC301	Applied Mathematics III	2.67	2.67	2.40	2.67	2.50	2.50	0.00	0.00	0.00	2.50	2.50	2.50
CSC302	Digital Logic Design and Analysis	2.63	2.58	2.68	2.60	2.63	2.08	0.00	0.00	2.60	0.00	2.65	2.63
CSC331	Discrete Structure	2.55	2.55	2.67	2.55	2.55	2.67	0.00	0.00	2.55	0.00	0.00	2.55
CSC304	Electronic Circuits and Communication Fundamentals	2.73	2.60	2.60	2.60	0.00	2.00	0.00	0.00	2.10	2.10	0.00	2.35
CSC305	Data Structures	1.10	1.60	1.60	2.00	1.50	0.90	0.00	0.00	1.00	1.00	1.45	1.66
CSL304	OOPM(Java)	2.57	2.57	2.48	2.57	3.00	2.00	0.00	0.00	0.00	2.13	2.13	2.57
SEMESTER IV (REV 2012)													
CSC401	Applied Mathematics IV	2.67	2.67	2.40	2.67	2.50	2.50	0.00	0.00	2.50	0.00	2.50	3.00
CSC402	Analysis of Algorithms	2.70	2.70	2.68	2.73	2.66	2.70	2.70	0.00	2.75	0.00	2.80	2.72


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CSC403	Computer Organization and Architecture*	2.60	2.73	2.60	2.47	2.60	2.07	1.00	0.00	2.47	2.10	1.50	2.47
CSC404	Data Base Management Systems	2.35	2.33	2.30	2.37	2.40	2.35	0.00	0.00	2.37	0.00	2.40	2.40
CSC405	Theoretical Computer Science	1.46	1.10	1.10	1.20	1.50	1.10	0.00	0.00	1.50	1.10	0.70	1.20
CSC406	Computer Graphics	2.96	2.96	2.96	2.96	2.96	2.20	2.00	0.00	2.80	0.00	0.00	0.00
SEMESTER V (REV 2012)													
CPC501	Microprocessor	2.73	2.73	2.52	2.73	2.60	0.00	0.00	0.00	2.36	0.00	0.00	2.47
CPC502	Operating Systems	2.80	3.00	3.00	2.87	2.93	3.00	0.00	0.00	2.90	3.00	2.80	2.93
CPC503	Structured and Object Oriented Analysis and Design	2.50	3.00	2.66	2.50	2.50	2.00	0.00	0.00	1.50	2.50	2.50	2.00
CPC504	Computer Networks	2.25	3.00	3.00	3.00	2.25	0.00	0.75	0.00	0.00	0.00	0.00	3.00
CPL502	Business Communication and Ethics*	0.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
SEMESTER VI (REV 2012)													
CPC601	System Programming and Compiler Construction	2.40	2.70	2.70	2.60	0.00	2.70	0.00	1.30	2.70	2.60	2.70	2.70
CPC602	Software Engineering	2.70	2.70	2.73	2.73	2.73	2.70	0.00	0.00	2.70	2.73	2.70	2.70
CPC603	Distributed Databases	2.50	2.70	2.50	2.60	2.60	2.50	0.00	0.00	2.50	2.50	0.00	2.50


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CPC604	Mobile Communication and Computing	2.25	3.00	3.00	3.00	2.25	0.00	0.75	0.00	0.00	0.00	0.00	3.00
CPE6011	Elective I Software Project Management	2.50	3.00	2.66	2.50	2.50	2.00	0.00	0.00	1.50	2.50	2.50	2.00
CPL 601	Network Programming Laboratory	2.55	2.55	2.67	2.55	2.55	2.67	0.00	0.00	2.55	0.00	0.00	2.55
SEMESTER VII (2012)													
CPC701	Digital Signal Processing	3.00	3.00	3.00	3.00	3.00	3.00	0.00	0.00	1.50	0.00	3.00	3.00
CPC702	Cryptography and System Security	2.00	3.00	2.67	3.00	2.67	3.00	2.50	0.00	2.50	3.00	0.00	2.50
CPC703	Artificial Intelligence	2.60	2.68	2.68	2.60	2.60	0.00	0.00	3.00	2.68	1.80	2.00	2.48
CPE7042X	Elective-II Soft Computing	3.00	2.80	2.60	2.90	3.00	0.00	0.00	3.00	3.00	0.00	0.00	3.00
CPP701	Project I	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CPL701	Network Threats and Attacks Laboratory	2.55	2.55	2.67	2.55	2.55	2.67	0.00	0.00	2.55	2.20	0.00	2.55
SEMESTER VIII (2012)													
CPC801	Data Warehouse and Mining	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	2.60	2.70	2.60	2.70
CPC802	Human Machine Interaction	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CPC803	Parallel and distributed Systems	2.73	2.52	2.52	2.52	2.40	1.67	0.00	0.00	2.12	1.88	0.00	2.32


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CPE8035	Elective-III Big Data Analysis	1.00	3.00	2.00	1.00	1.00	1.00	1.00	0.00	1.00	2.00	0.00	3.00
CPE8031	Elective-III Machine Learning	3.00	2.96	2.96	2.96	2.95	1.67	1.67	1.00	2.96	1.40	2.33	2.76
CPP802	Project II	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CPL801	Cloud Computing Laboratory	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
LEVEL OF ATTAINMENT OF UNDERGRAGUATE PROGRAM OUTCOMES		2.47	2.63	2.55	2.63	2.44	2.04	0.76	0.65	2.15	1.58	1.58	2.53


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OVERALL ATTAINMENT OF PROGRAM OUTCOMES
(UNDER GRADUATE PROGRAM)


COURSE CODE	COURSE NAME	PROGRAM OUTCOMES		
		PSO1	PSO2	PSO3
SEMESTER III (REV 2016)				
CSC301	Applied Mathematics III	2.73	2.73	3.00
CSC302	Digital Logic Design and Analysis	3.00	3.00	3.00
CSC331	Discrete Structure	2.00	2.00	2.00
CSC304	Electronic Circuits and Communication Fundamentals	3.00	3.00	3.00
CSC305	Data Structures	2.55	2.55	2.90
CSL304	OOPM	2.57	2.57	2.13
SEMESTER IV (REV 2012)				
CSC401	Applied Mathematics IV	2.73	2.73	3.00
CSC402	Analysis of Algorithms	3.00	3.00	3.00
CSC403	Computer Organization and Architecture*	2.40	2.60	0.00
CSC404	Data Base Management Systems	2.20	2.20	2.20
CSC405	Theoretical Computer Science	2.20	2.30	0.00


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CSC406	Computer Graphics	2.96	2.96	2.96
SEMESTER V (REV 2012)				
CPC501	Microprocessor	3.00	3.00	3.00
CPC502	Operating Systems	2.50	2.50	0.00
CPC503	Structured and Object Oriented Analysis and Design	2.73	2.73	3.00
CPC504	Computer Networks	2.60	2.60	0.00
CPL502	Business Communication and Ethics*	3.00	3.00	3.00
SEMESTER VI (REV 2012)				
CPC601	System Programming and Compiler Construction	2.70	2.70	2.80
CPC602	Software Engineering	2.70	2.70	2.70
CPC603	Distributed Databases	3.00	3.00	3.00
CPC604	Mobile Communication and Computing	3.00	3.00	3.00
CPE6011	Elective I Software Project Management	3.00	3.00	3.00
CPL 601	Network Programming Laboratory	2.73	2.70	2.70
SEMESTER VII (2012)				
CPC701	Digital Signal Processing	2.78	2.65	2.70
CPC702	Cryptography and System Security	3.00	3.00	3.00
CPC703	Artificial Intelligence	2.68	2.68	2.68


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CPE7042	Elective II Soft Computing	2.96	2.96	3.00
CPP701	Project I	3.00	3.00	3.00
CPL701	Network Threats and Attacks Laboratory	3.00	3.00	3.00
SEMESTER VIII (2012)				
CPC801	Data Warehouse and Mining	2.70	2.70	0.00
CPC802	Human Machine Interaction	3.00	3.00	3.00
CPC803	Parallel and distributed Systems	2.52	2.52	0.00
CPE8035	Elective III Big Data Analysis	2.60	2.73	2.60
CPE8031	Elective III Machine Learning	2.96	2.96	2.96
CPP802	Project II	3.00	3.00	3.00
CPL801	Cloud Computing Laboratory	3.00	3.00	3.00
LEVEL OF ATTAINMENT OF UNDERGRAGUATE PROGRAM OUTCOMES		2.76	2.77	2.37



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INDIRECT ATTAINMENT OF PROGRAM OUTCOMES (POs, PSOs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
ALUMNI FEEDBACK	2	2	2	2	2	3	2	1	2	2	3	3	2	2	2
PARENTS FEEDBACK	2	2	2	2	2	2			2	2	2	2	2	2	2
EMPOLYER FEEDBACK	2	2	2	2	2	2		2	2	2		2	2	1	1
CESS ACTIVITY	2.41	2.17	1.58	1.64	2.35	2.23	1.7	1.82	2	2.17	2.29	2.47	2.23	2.29	2
INTERNSHIP	3	3	2	2	2	2	1	1	2	3	2	3	3	2	2
OVERALL ATTAINMENT	2.82	2.23	1.91	1.93	2.07	2.24	1.56	1.46	2	2.23	2.57	2.49	2.25	1.86	1.80

OVERALL ATTAINMENT OF PROGRAM OUTCOMES (POs AND PSOs)

ATTAINMENT LEVEL OF PO = 80% OF DIRECT + 20% OF INDIRECT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
ATTAINMENT LEVELS	2.54	2.55	2.42	2.49	2.36	2.08	0.92	0.81	2.12	1.71	1.78	2.52	2.66	2.59	2.26

MCT
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OVERALL ATTAINMENT OF UNDERGRADUATE LEVEL PROGRAM EDUCATIONAL OBJECTIVES

PROGRAM OUTCOMES	PROGRAM EDUCATIONAL OBJECTIVES				
	PEO1	PEO2	PEO3	PEO4	PEO5
PO1	2.54	2.54			2.54
PO2		2.55	2.55		2.55
PO3		2.42	2.42		
PO4		2.49	2.49		2.49
PO5	2.36	2.36	2.36		2.36
PO6			2.08	2.08	
PO7			0.92	0.92	
PO8				0.81	
PO9			2.12	2.12	2.12
PO10				1.71	
PO11	1.78	1.78	1.78	1.78	1.78
PO12	2.52	2.52	2.52	2.52	2.52

MCT
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PSO1	2.66		2.66		2.66
PSO2	2.59	2.59	2.59		2.59
PSO3				2.26	2.26
LEVEL OF ATTAINMENT	2.40	2.40	2.22	1.78	2.38