  
**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)**


		PROGRAM OUTCOMES											
COURSE CODE	COURSE NAME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
<b>SEMESTER III ( REV 2016)</b>													
CSC301	Applied mathematics III	2.67	2.67	2.40	2.67	2.50	2.50	2.00	2.50	2.50	2.50	2.50	3.00
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	2.47	2.00	1.00	1.00	2.10	2.10	1.50	2.35
CSC305	Data Structures	1.1	1.6	1.6	2.0	1.5	0.9	0.00	0.00	1.0	1.0	1.45	1.66
CSL304	OOPM(Java)	2.57	2.57	2.48	2.57	3.00	2.00	0.00	2.00	2.13	2.13	2.13	2.57
<b>SEMESTER IV ( REV 2012)</b>													
CSC401	Applied Mathematics IV	2.67	2.67	2.40	2.67	2.50	2.50	2.00	2.50	2.50	2.50	2.50	3.00
CSC402	Analysis of Algorithms	2.70	2.70	2.68	2.73	2.66	2.70	2.70		2.75		2.80	2.72
CSC403	Computer Organization and Architecture*	2.60	2.73	2.60	2.47	2.60	2.07	1.00	1.0	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			2.37		2.40	2.40
CSC405	Theoretical Computer Science	1.46	1.10	1.10	1.20	1.50	1.10	1.50	1.20	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

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<b>SEMESTER V ( REV 2012)</b>													
CPC501	Microprocessor	2.73	2.73	2.52	2.73	2.6				2.36			2.47
CPC502	Operating Systems	2.80	3.00	3.00	2.87	2.93	3.00	2.90	2.87	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	3.00	2.50	1.50	2.50	2.50	2.00
CPC504	Computer Networks	2.25	3.00	3.00	3.00	2.25		0.75					3.00
CPL502	Business Communication and Ethics*	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
<b>SEMESTER VI ( REV 2012)</b>													
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	2.70	2.80	2.70	2.73	2.70	2.70
CPC603	Distributed Databases	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CPC604	Mobile Communication and Computing	2.25	3.00	3.00	3.00	2.25		0.75					3.00
CPE6011	Elective-I	2.50	3.00	2.66	2.50	2.50	2.00	3.00	2.50	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
<b>SEMESTER VII (2012)</b>													
CPC701	Digital Signal Processing	3.00	3.00	3.00	3.00	3.00	3.00	3.00	1.50	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	2.33	2.33	3.00	2.68	1.80	2.00	2.48
CPE7042 X	Elective-II	3.00	2.80	2.60	2.90	3.00	2.90	3.00	3.00	3.00	0.00	0.00	3.00


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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	0.00	0.00	2.55
<b>SEMESTER VIII (2012)</b>													
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	1.00	1.00	2.12	1.88	1.73	2.32
CPE8035	Elective-III	1.0	3.0	2.0	1.0	1.0	1.0	1.0	0.0	1.0	2.0	0.0	3.0
CPE8031	Elective-III	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
<b>LEVEL OF ATTAINMENT OF UNDERGRAGUATE PROGRAM OUTCOMES</b>		<b>2.61</b>	<b>2.72</b>	<b>2.64</b>	<b>2.64</b>	<b>2.55</b>	<b>2.43</b>	<b>1.88</b>	<b>1.70</b>	<b>2.44</b>	<b>2.03</b>	<b>2.87</b>	<b>2.57</b>


  
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**OVERALL ATTAINMENT OF PROGRAM OUTCOMES(UNDER GRADUATE PROGRAM )**

		PROGRAM OUTCOMES		
COURSE CODE	COURSE NAME	PSO1	PSO2	PSO3
<b>SEMESTER III ( REV 2016)</b>				
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
<b>SEMESTER IV ( REV 2012)</b>				
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
CSC406	Computer Graphics	2.96	2.96	2.96
<b>SEMESTER V ( REV 2012)</b>				

  
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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
<b>SEMESTER VI ( REV 2012)</b>				
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	3.00	3.00	3.00
CPL 601	Network Programming Laboratory	2.73	2.70	2.70
<b>SEMESTER VII (2012)</b>				
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
CPE7042	Elective-II	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

  
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<b>SEMESTER VIII (2012)</b>				
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	2.60	2.73	2.60
CPE8031	Elective-III	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
<b>LEVEL OF ATTAINMENT OF UNDERGRAGUATE PROGRAM OUTCOMES</b>		<b>2.76</b>	<b>2.77</b>	<b>2.36</b>

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**INDIRECT ATTAINMENT OF PROGRAM OUTCOMES (POs AND PSOs)**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
<b>ALUMNI FEEDBACK</b>	2	2	2	2	2	3	2	1	2	2	3	3	2	2	2
<b>PARENTS FEEDBACK</b>	2	2	2	2	2	2			2	2	2	2	2	2	2
<b>EMPLOYER FEEDBACK</b>	2	2	2	2	2	2		2	2	2		2	2	1	1
<b>CESS ACTIVITY</b>	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
<b>INTERNSHIP</b>	3	3	2	2	2	2	1	1	2	3	2	3	3	2	2
<b>OVERALL ATTAINMENT</b>	<b>2.82</b>	<b>2.23</b>	<b>1.91</b>	<b>1.93</b>	<b>2.07</b>	<b>2.24</b>	<b>1.56</b>	<b>1.46</b>	<b>2</b>	<b>2.23</b>	<b>2.57</b>	<b>2.49</b>	<b>2.25</b>	<b>1.86</b>	<b>1.80</b>

**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
<b>ATTAINMENT LEVELS</b>	2.65	2.63	2.49	2.49	2.45	2.45	1.816	1.65	2.35	2.07	2.81	2.554	2.71	2.58	2.57

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**OVERALL ATTAINMENT OF UNDERGRADUATE LEVEL PROGRAM EDUCATIONAL OBJECTIVES**

PROGRAM OUTCOMES	PROGRAM EDUCATIONAL OBJECTIVES			
	PEO1	PEO2	PEO3	PEO4
PO1	2.65	2.65		
PO2		2.63	2.63	
PO3		2.49	2.49	
PO4		2.49	2.49	
PO5	2.45	2.45	2.45	
PO6			2.45	2.45
PO7			1.81	1.81
PO8				1.65
PO9			2.35	2.35
PO10				2.07
PO11	2.81	2.81	2.81	2.81
PO12	2.55	2.55	2.55	2.55
PSO1	2.71		2.71	
PSO2	2.58	2.58	2.58	
PSO3				2.57
<b>LEVEL OF ATTAINMENT</b>	<b>2.62</b>	<b>2.58</b>	<b>2.48</b>	<b>2.28</b>



**MCT**  
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**INDIRECT ATTAINMENT OF PROGRAM EDUCATIONAL OBJECTIVES**

STUDENT PROFESSIONAL BODIES	PROGRAM EDUCATIONAL OBJECTIVES			
	PE01	PE02	PE03	PE04
CESS	2	2	3	3
LEVEL OF ATTAINMENT	2	2	3	3

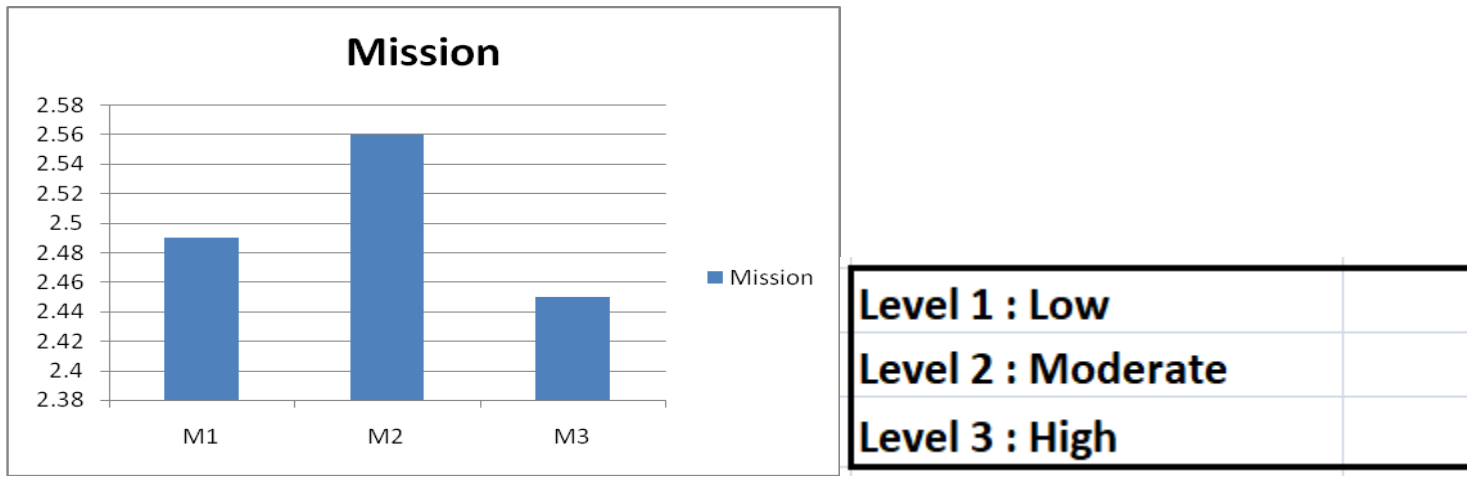
**OVERALL ATTAINMENT OF PROGRAM EDUCATIONAL OBJECTIVES**

**ATTAINMENT LEVEL OF PEOS = 80% OF DIRECT + 20% OF INDIRECT**

	PE01	PE02	PE03	PE04
ATTAINMENT LEVELS	2.54	2.54	2.66	2.42

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**ATTAINMENT OF MISSION**

PROGRAM EDUCATIONAL OBJECTIVES	MISSION		
	M1	M2	M3
PEO1	2.62	2.62	
PEO2	2.58	2.58	2.58
PEO3	2.48	2.48	2.48
PEO4	2.28		2.28
<b>ATTAINMENT OF MISSION</b>	<b>2.49</b>	<b>2.56</b>	<b>2.45</b>



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**ATTAINMENT OF VISION**

<b>MISSION</b>	<b>VISION</b>
	<i>To be the department committed to nurture student centered learning experience through outcome and skill based transformative education to create technocrats and leaders for the service of society and nation.</i>
<b>M1</b>	2.49
<b>M2</b>	2.56
<b>M3</b>	2.45
<b>ATTAINMENT OF VISION</b>	<b>2.50</b>

**Vision is satisfactorily achieved**