2.6.2-Attainment of Programme outcomes and course outcomes are evaluated by the institution.

COs of each course are mapped with POs and PSOs at appropriate level. Attainment of COs, POs, and PSOs is calculated for every course of each semester by using direct and indirect assessment tools. Thus the attainment level for each course is calculated depending on the student's performance in internal and external assessments. For each course in a particular semester, continuous internal examinations are conducted. The attainment of COs is computed for all courses in each program with 90% weightage for direct assessment and 10% weightage for indirect assessment. Direct Assessment consists of students' performance in Continuous Internal Examinations I and II, Continuous Assessment through Lab work, University result, Quiz whereas course exit survey is considered as the tool for indirect assessment. The COs attainment is achieved in 3 attainment levels which are further used to calculate POs and PSOs attainment. The measurement of attainment is based on the actual percentage of students achieving the threshold percentage of marks or more.

The threshold level of each course is decided by individual programmes. The POs and PSOs attainment are done by assessment of each COs for every course and also through Program exit survey as indirect tool.

DR. J.J. MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR
416101

Dr. J. J .Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering CO-PO Attainment A.Y. 2022-23

	Sr. No.	Code No.	Subject	Name of the Faculty	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
SY SEM - I	1	BSC-CV301	ENGINEERING MATHEMATICS-III	MRN	2.07	2.07	0.69												0.69
	2	PCC-CV302	SURVEYING-I	ASS	1.72	1.55	1.79	2.31	1.55	1.55	0.84		2.38	1.96	0.70	1.40	1.96	1.70	0.83
	3	ESC-CV303	Strength of materials	SVM	1.51	1.81	1.81	1.81	0.90	0.90	1.36								
	4	ESC-CV304	Fluid Mechanics- I	VAP	1.53	1.84	1.85	1.90			0.88	1.86	1.83	1.83	2.75	1.85	1.83	1.76	1.38
	5	PCC-CV305	BCM	RSC	2.70	2.48	2.66	2.70	2.70						2.10		3.00		
	6	ESC-CV306	NM	VKW	1.51	1.81	1.81	1.81	0.90	0.90	1.36								
SY SEM-II	1	ESC-CV401	Structural Mechanics	SVM	1.51	1.81	1.81	1.81	0.90	0.90	1.36								
	2	PCC-CV402	Surveying-II	ASS	2.60	2.25	1.92	2.09	2.07	0.54	0.34		1.74	1.74	1.39	0.88	1.38	0.71	1.22
	3	PCC-CV403	concrete technology	SPM	2.41	2.22	2.03	2.03			1.78		2.87			1.91	1.67	1.81	1.85
	4	ESC-CV404	Fluid Mechanics II	VAP	2.33	2.14	1.96	1.97			1.78		2.66			1.77	1.78	1.84	1.97
	5	PCC-CV405	Building design and drawing	RSC	2.63	2.65	2.78	2.33	2.10	2.00									
	6	ESC-CV406	Environment Studies	PAC	1.43	1.84	1.43	1.23	1.64	2.05	2.46	2.25	2.05	1.64	1.23	2.25	2.05	1.84	1.43
TY SEM-I	1	PCC-CV501	Water Resource Engineering-I	SSK	2.97	2.58	3.00	3.00	3.00	1.98	1.72						3.00		3.00
	2	PCC-CV502	Design of Steel Structures	VKW	2.00	1.92	2.00	1.60	2.00										
	3	PCC-CV503	Environmenta l Engineering- I	DAL	1.81	2.92	1.81	2.37		1.81	2.72	1.81				1.81			1.81

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	4	PCC-CV504	Geotechnical Engineering-I	SPM	2.31	2.48	1.75	1.75	1.75				1.69	1.69		1.77	1.67		2.66
	5	PCC-CV505	Building Planning and Design	RSC	2.90	2.90	2.90	2.90	1.82	0.96							1.82		
	6	PCC-CV506	Waste management	DAL	2.78	2.30	1.61		1.61	2.41	2.78	1.86			1.86	2.18			1.98
TY SEM-II	1	PCC-CV601	Theory of Structures	VKW															
	2	HM-CV602	Engineering Management	SPM	1.94	1.54	2.34	1.56	1.33	1.61	0.80	2.51	1.61	1.74	2.34	2.34	1.60	1.58	1.52
	3	PCC-CV603	Environmental Engineering- II	DAL	2.74	1.86	1.82		2.97	2.97	2.97	2.97				2.97	1.82	1.82	3.00
	4	PCC-CV604	Geotechnical Engineering-II	JSL	2.92	1.93	1.93	2.22	3.00	3.00	2.92			3.00			1.94	2.00	2.00
	5	OEC-CV605	Soil and water conservation techniques	DAL	2.68	2.55	3.00		2.55		2.81					2.81	2.08	2.68	2.68
	6	PCC-CV606	Structural Design and Drawing-I	KGG															
B Tech SEM-I	1	(PCC-CV701)	Design of Concrete Structures-I	KGG	2.49	2.55	2.55	1.50	2.25	1.74	2.55					1.70	2.55	2.49	1.70
	2	(PCCCV702)	EarthquakeEngineering	RSS	2.90	2.70	2.80	2.70	2.90	0.96							1.86	1.94	1.94
	3	(PCC-CV703)	Quantity Survey and Valuation	DBD															
	4	(PCC-CV704)	Transportation Engineering – I	APC	2.18	2.00	2.20	1.60	1.60	1.60									
	5	(PCE-CV705)	SOLID WASTE MANAGEMENT	JSL	2.49	2.55	2.55	1.50	2.25	1.74	2.55					1.70	2.55	2.49	1.70
	6	HMCV706	Legal Aspects in Civil Engineering	SSK/SPM						3.00	3.00								3.00
	7	PWCV708	Project Phase-I	VKW															
B. Te	1	(PCCCV801)	DESIGN OF CONCRETE	KGG	2.49	2.55	2.55	1.50	2.25	1.74	2.55					1.70	2.55	2.49	1.70

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			STRUCTURES-II																	
	2	PCC-CV802	WATER RESOURCES ENGINEERING - II	SSK	2.95	3.00	3.00	3.00	3.00	1.97	1.33						3.00		2.95
	3	PCC-CV803	TRANSPORTATION ENGINEERING – II	APC	2.90	2.45	2.90	2.45	1.55	1.55									
	4	PCE-CV804	ADVANCED DESIGN OF CONCRETE STRUCTURES	APC	2.90	2.70	2.80	2.70	2.90	0.96							1.86	1.94	1.94
	5	PCE-CV805	Construction Practicies	DBD															
	6	PCCCV806	STRUCTURAL DESIGN AND DRAWING-II	VKW	2.90	2.90	2.70	2.70	2.90								1.80	2.70	2.90
	7	PW-CV708	Project Phase-II	VKW															
					2.36	2.28	2.22	2.11	2.09	1.69	1.95	2.21	2.10	1.94	1.77	1.94	2.08	1.99	1.99
PO ATTAINMENT THROUGH DIRECT TOOL (90 %)					2.12	2.06	2.00	1.9	1.88	1.52	1.75	1.98	1.89	1.74	1.59	1.74	1.87	1.78	1.79
PO ATTAINMENT THROUGH INDIRECT TOOL(Program exit survey)					0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
FINAL PO ATTAINMENT					**2.42**	**2.36**	**2.30**	**2.20**	**2.18**	**1.82**	**2.05**	**2.29**	**2.19**	**2.05**	**1.89**	**2.04**	**2.18**	**2.09**	**2.09**

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H.O.D. Civil Engineering
Dr.J.J.Magdum College of Eng.
JAYSINGPUR - 416 101

Dr. J. J. Magdum Trust's
Dr. J. J. Magdum College of Engineering; Jaysingpur.
Department of Information Technology

CO-PO Attainment
Academic Year-2022-23

	Sr.No	Subjects	Name of the Faculty	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10	PO 11	PO 12	PSO1	PSO2	PSO3
S.Y. SEM-I	1	Statistics & Fuzzy Systems	Dr. D. B. Unde	2.83	2.83	1.88											0.00	0.00
	2.	Digital System and Microprocessor	Prof. A. G. Chenadke	2.35		2.15	2.15	2.35	1.77							2.35	0.98	0.98
	3	Data Communication	Prof. S. B. Holkar	1.86	2.17	2.17	2.01	1.08	0.77	0.67				0.78	1.03	0.83	1.55	0.00
	4.	Fundamentals of Economics and Management	Prof. P.R. Desai	1.14	0.00	1.04	1.43	1.14	1.14				1.62	1.87	1.14	1.14		
	5.	Discrete Mathematical	Prof. A. S. Patil	2.22	2.06	1.87	0.75	2.22			0.76	0.76	0.76	1.51	0.72	1.49	**0.72**	
	6.	Problem solving using C	Prof,. P. R.Patil	2.68	2.77	2.68	2.00	1.84	0.89							1.84		
	7.	Soft Skills	Prof,. P. R.Patil									3.00	3.00		3.00			
S.Y. SEM-II	1.	Computer Network	Prof. P.R.Desai	1.56	1.53	1.71	1.75	2.14							2.68	1.31	1.44	
	2.	Computer Organization and Architecture	Prof. S. A. Narde	1.85	1.85	1.51	1.14	1.25	0.76	1.50		0.00	1.98	1.55	1.55	0.75	2.26	0.75
	3.	Data Structures	Prof. R. A. Sanadi	2.68	2.77	2.68	2.00	1.84	0.89							1.84		
	4.	Theory of computation	Prof. J.T.Patil	1.26	0.99	1.33	0.99	1.14	1.33	1.26	0.33	1.64	0.99	1.97	1.73	0.85	0.57	
	5.	Software Engineering	Prof. P.A. Tamgave	2.15	2.15	1.43	1.45	0.72	2.15	2.23						1.43		
	6.	Object Oriented Programming	Prof. P. R. Patil	2.90	1.10	8.40										0.50	2.50	0.00
	7	Mini Project	Prof. P.A. Tamgave	1.00	1.10	0.80		0.60							1.00	0.60		
	8	Environmental Studies	Prof. P.A.Chougule	1.46	1.88	1.46	1.25	1.67	2.09	2.51	2.30	2.09	1.67	1.25	2.30	1.46	1.46	1.25
	1	Operating System-I	Prof. P.R.Desai	1.86	2.17	2.17	2.02	1.09	0.78	0.78		0.00	0.00	0.78	1.03	0.78	1.55	
	2	Database Engineering	Prof. R.C.Patil	2.77	2.68	2.68	2.00	1.84	0.84							1.17		
	3	Computer Algorithms	Prof. S.A.Bandgar	2.38	1.82	2.02	1.03	2.19	1.40	1.08	3.00					2.00	1.40	0.70

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T.Y. SEM-I	4	System Programming	Prof. A. S. Patil	2.19	2.60	2.15	1.57	2.55						2.09	2.57			
	5	HCI	Prof. A. S. Patil	2.67	2.49	2.27	0.91	2.62			0.88	0.88	0.88	1.75	1.00	1.78	0.88	
	6	Application Development Tool I	Prof. P. R. Patil	1.60		1.10		0.90								0.50	0.90	1.60
	7	Seminar	Prof. A. G. Chenadke	0.93	1.13	0.72	0.00	0.61	1.33						0.90			
T.Y. SEM-II	1	Computer Graphics	Prof. A. G. Chendke	2.42	2.25	2.07	1.73	2.07	1.29						2.59	2.25	2.05	
	2	Information Security	Prof. P.A. Tamgave	2.45	2.00	2.45	2.00	1.63	0.74							1.00		
	3	Internet Technology	Prof. J.T.Patil	2.65	2.11	2.52	2.27	2.24								2.80	2.29	
	4	Operating System II	Prof. S.B.Holkar	2.08	2.42	2.42	2.25	1.21	0.87	0.82				0.85	1.17	0.91	1.73	
	5	Cyber Security	Prof. A. S. Patil	2.49	2.04	2.04	2.49	1.36	0.91					0.93	1.39	1.90	0.89	
	6	Application Development Tool II	Prof. P. R. Patil	1.10		4.20		0.50								0.50	1.90	4.20
	7	Seminar	Prof. A.G.Chendke	0.93	1.13	0.72		0.61	1.33						0.90			
B.E. SEM-I	1	Distributed Computing	Prof. P. A. Tamgave	1.30	2.11	1.56	1.03	0.97	2.45	2.16	1.57					1.30		0.00
	2	Mobile Computing	Prof. A. G. Chenadke	3.00		2.67	1.67	0.67	0.83	0.67	1.33			2.67	1.33	1.33	0.33	3.00
	3	Advanced Database Systems	Prof. S. J. Chougule	2.80	2.33	2.33	2.80	0.93	0.93					0.92	1.40	1.87	0.93	
	4	Data Science	Prof. S. J. Chougule	1.95	1.95	1.48	1.11	1.28	0.74	1.53			2.08	1.48	1.48	0.77	2.30	0.77
	5	Web Technology	Prof. J. T. Patil	1.53		0.77	1.28	0.77	2.30	1.15	1.53		1.92	0.77	1.15		2.30	1.15
	7	Project I	Prof. S. J. Chougule	2.50	2.50	3.00	2.00	3.00										
B.E. SEM-II	1	Machine Learning	Prof. P.R. Desai	2.23	2.06	1.70	1.96	2.34	2.70						2.58	1.70	1.62	
	2	Cloud Computing	Prof. P.A. Tamgave	2.54	2.17	2.08	2.46	2.08	2.15							2.51	2.61	2.09
	3	Business Inteligence	Prof. S.B.Holkar	2.40	2.80	2.80	2.60	1.40	1.00	1.00				1.00	1.30	1.00	2.00	
	4	Software Testing	Prof. A.G.Chendke	2.25		2.09	1.93	1.61	1.93	1.19						2.41	2.09	2.05
	5	Advanced Web Technology	Prof. S. J. Chougule	1.92	1.92	1.53	0.77	1.28	0.77	1.53			1.92	1.53	1.53	0.77	2.30	0.77
	6	Winter Internship	Prof. S.B.Holkar	2.30	0.00	0.00	2.30	2.30	2.30					2.30	2.30	2.30	2.30	
	7	Project II	Prof. S. J. Chougule	3.00	3.00	2.64	2.00	2.45										
PO ATTAINMENT THROUGH DIRECT				2.13	2.11	1.93	1.51	1.56	1.25	1.15	1.51	1.16	1.46	1.46	1.40	1.37	1.15	0.91
PO ATTAINMENT THROUGH INDIRECT				2	3	2	2	2	2	2	2	2	1	2	2	2	3	2
FINAL PO ATTAINMENT				2.07	2.55	1.97	1.76	1.78	1.62	1.57	1.76	1.58	1.23	1.73	1.70	1.68	2.08	1.46

IQAC. co-ordinator

HOD, IT

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CO-PO ATTAINMENT

ACADEMIC YEAR ~~2021-21~~ 22-23

	Sr. No	Code No	Subject	Name of the Faculty	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
F.Y.			Engg Maths-I		2.76	2.76	1.84											
Sem.I			Engg.Chemistry															
			FEC															
			APM															
			BME															
			PC-1															
F.Y.			Engg Maths -II		2.76	2.76	1.84											
Sem.II			Engg Physics		2.19	2.19												
			BEE															
			BCE															
			Engg Graphics															
			PC–II															
SY SEM - I			Applied Mathematics		2.76	2.76	1.84											
			Discrete Mathematics		2.55	2.55	2.78	2.66	1.7	2.98								
			Data Structures		2.9	1.8	1.8	2.1								1	1.4	1.7
			Computer Networks - I		2.7	2.2	2.7	1.8	2.2	1.8	2.26					2.7		2.7
			Microprocessors															
			C programming		2.3	2	1.7	1.5						1.4		1.9	1.5	2
			Soft Skills										3	3		3		
SY SEM-II			Automata Theory		3	2.55	3	2.9	1.7	2.98								
			CN-II		2.15	2.15	2.15	1.43	2.06	1.43						1.43		2.15
			COA		1.57	1.35	1.35									1.8	1.1	
			Operating system-I		1.95	2.6	1.11	1.66									1.95	
			Software Engineering		1.4	2.19	2.22	1.44	1.9									
			Object oriented		2.3	1.58	2.25	2.3						1.5		1.37	1.86	1.61
			Mini project		2.1	1.46	2.22	2.17										
			Environmental Studies		1.23	1.6	1.23	1.05	1.4	1.75	2.1	1.92	1.75	1.4	1.05	1.92	1.92	1.6

Dr. J.J. Magdum College of Engg. Jaysingpur-416101 Dept. of CSE

H.O.D.
(CSE Dept.)
Dr. J.J. Magdum College of Engg
Jaysingpur-416101.

Dr. J .J. Magdum College of Engineering, Jaysingpur

Department of Electronics and Telecommunication Engineering

Continuous Internal Evaluatic Subject: Optical Communication

Class: TY Sem: First Academic Year: 2022-23

Roll No	Name of Student	Q1						Q2						
		CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	
		1	2	3	4	5	6	1	2	3	4	5	6	Total
1	Gandhawale Sarang N.	1	1	1	1	1	1	7	5	6				24
2	Jagdale Pushpraj D.	1	1	1	1	1	1	7	6	6				25
3	Joshi Kedar N.	1	1	1	1	1	1	6	6	6				24
4	Pandharbale Shraddha D.	1	1	1	1	1	1	4						10
5	Kekale Rutuja Rajendra	1	1	1	1	1	1	3	4			4		17
6	Surve Sushant Budhas	1	1	1	1	1	1	6						12
7	Chavan Pradnya Sanjay	1	1	1	1	1	1	6	7	6				25
8	Chorage Dhanashri Dhanaji	1	1	1	1	1	1	4	3		5			18
9	Arekar Sayali Arun	1	1	1	1	1	1	7	7	7				27
10	Bhosale Shraddha N.	1	1	1	1	1	1		2	2	5			15
11	Nadaf Tanjila Salim													
12	Patil Akshay Arun	1	1	1	1	1	1							6
13	Kulkarni Varun Vinod	1	1	1	1	1	1	3		2				11
14	Sadare Vishakha Deepak	1	1	1	1	1	1	5	3					14
15	Mulani Arshad Kasim	1	1	1	1	0	0	5		4		3		16
16	Chavan Pranav Maruti	1	1	1	1	1	1	6		4		5		21
17	Shalani Kumari	1	1	1	1	1	1	5	4	2				17
18	Kulkarni Nishant Deepak													
19	Kesarkar Balkrushna D.	1	1	1	1	1	1	6		7		6		25
20	Patil Shivraj Suresh													
21	Shikalgar Jainab S.	1	1	1	1	1	1	5		6	3			20
22	Patil Vaishnavi Balasaheb	1	1	1	1	1	1	5	3	7				21
23	Renuke Yash Santosh	1	1	1	1	1	1	6	2					14
24	Holkar Indrajeet Suryakant	1	1	1	1	1	1	6		6				18
25	Shikalgar Shahin Babasab	1	1	1	1	1	1	6		3	6			21
26	Harale Pavan Balaso	1	1	1	1	1	1	4	2		6			18

Sample Calculation of CO-PO Attainment

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR 416101

	Pagade Aishwarya Deepak	1	1	1	1	1	1	6	4	5				21
28	Patil Aditi Bhartesh													
29	Sargar Rachna Arun	1	1	1	1	1	1	4	7	6				23
30	Chougule Pratik Sanjay	1	1	1	1	1	1	2	2		3			13
31	Kathale Sakshi Mahendra							6	3	4				13
32	Kolhapure Sayali Vijay	1	1	1	1	1	1	5		3		3		17
33	Lipare Nikita Dilip	1	1	1	1	1	1	4		4		3		17
34	Saste Rohit Chandrakant	1	1	1	1	1	1	6		5		6		23
35	Ketgale Pranjali Satish	1	1	1	1	1	1	3				2	3	14
36	Gade Sangram Maruti	1	1	1	1	1	1	4	5		3			18
37	Gaikwad Govinda Jagdish	1	1	1	1	1	1	5	4	4				19
38	Shendage Nikhil Amit	1	1	1	1	1	1	4	3					13
39	Uppaldini gajanan													
40	Koli Krushnat Sarjerao	1	1	1	1	1	1	5		6		3		20
41	Chivate Shruti Annasaheb	1	1	1	1	1	1	5		5		4		20
42	Shinde Mansing Malharrao	1	1	1	1	1	1			4	1	3		14
43	Aditya Prasad Kulkarni	1	1	1	1	1	1	4			4	4		18
44	Patil Harshavardhan P.	1	1	1	1	1	1	5		3	4			18
45	Wagharalikar Poonam S.	1	1	1	1	1	1	5		3	4			18
46	Killedar Prathamesh	1	1	1	1	1	1	4		6	4			20
47	Patil Sanika Anil	1	1	1	1	1	1	6		6		4		22
48	Kole Sammed	1	1	1	1	0	0	4		5		1		14
49	Pinjare Mujahid													
50	Jadhav Rohan	1	1	1	1	1	1	6						12
51	Patil Pooja R.	1	1	1	1	1	1	6			6	5		23
52	Magdum Harshada	1	1	1	1	1	1	6		6		3		21
53	tamboli karena	1	1	1	1	1	1	3		4	3			16
54	bhasme rohit													
55	kagilkar sourabh	1	1	1	1	1	1		2		4			12
56	Chikkodi Manoj	1	1	1	1	1	1	7		7		5		25
57	Jadhav Yuvraj Shivaji													
58	Kamat Akash Suresh	1	1	1	1	1	0	4	1	3				13
59	Mane Pratiksha Jaywant	1	1	1	1	1	1	4		4	4			18
60	Shweta Shashikant Bhat	1	1	1	1	1	1	6			4			16
61	Patil Shreya Alias Sakshi G.													

62	Jadhav Shraddha Arjun													
63	Jamadar Shifa Faruddin													
64	Nadaf Aaysha Salim													
65	Kajave Ankita Chandrakant													
66	Chavan Ravindra Sanjay													
67	Havaldar Alfaj Najeer	1	1	1	1	1	1	4		4				14
68	PRATIKA DATTANAND R.													
69	Jadhav Vaishnav Balkrishna													
70	Sarikmaslat Alisha	1	1	1	1	1	1	3	1		4			14
71	karwade shreya	1	1	1	1	1	1	4	3		3			16
72	chavan aditya	1	1	1	1	1	1		2		4	3		15
73	nagvekar aditya	1	1	1	1	1	1		2	2	4			14
74	NAIKWADI ABHISHEK B.	1	1	1	1	1	1	2	3		3			14
	AVERAGE MARKS	1.00	1.00	1.00	1.00	0.96	0.95	4.88	3.56	4.68	3.95	3.72	3.00	
	No. of students above average m	57	57	57	57	55	54	31	11	19	15	9	1	
	No of students attempted	57	57	57	57	57	57	52	27	37	22	18	1	
	percentage of students scorin	100	100	100	100	96	95	60	41	51	68	50	100	
		CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	CO1	
	Attainment Level	3	3	3	3	3	3	2	1	1	2	1	3	
		Final Attainment after CIE-I												
	CO	CO1												
	Avg Attainment	2.3												

Attainment Level 1 : 40% students scoring more than average marks (40-60)
Attainment Level 2 : 60% students scoring more than average marks(60-80)
Attainment Level 3 : 80% students scoring more than average marks(above 80)

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J .J. Magdum College of Engineering, Jaysingpur

Department of Electronics and Telecommunication Engineering

Continuous Internal Evaluation - II

Class: TY | Sem: First | Subject: Optical Communication | Academic Year: 2022-23

Roll No.	Name of Student	Q1						Q2				
		CO2	CO2	CO2	CO2	CO3	CO3	CO3	CO3	CO3	CO3	
		a	b	c	d	e	f	1	2	3	4	Total
1	Gandhawale Sarang N.	1	1	1	1	1	1		6		7	19
2	Jagdale Pushpraj D.	1	1	1	1	1	1		6	7		19
3	Joshi Kedar N.	1	1	1	1	1	1		7	5		18
4	Pandharbale Shraddha D.	1	1	1	1	1	1	6		5		17
5	Kokale Rutuja Rajendra	1	1	1	1	1	1		6	4	4	20
6	Surve Sushant Budhas	1	1	1	1	1	1		6	5		17
7	Chavan Pradnya Sanjay	1	1	1	1	1	1		7	6	7	26
8	Chorage Dhanashri Dhanaji	1	1	1	1	1	1	2	6		3	17
9	Arekar Sayali Arun	1	1	1	1	1	1		6	6	4	22
10	Bhosale Shraddha N.											
11	Nadaf Tanjila Salim	1	1	1	1	1	1		5	2	3	16
12	Patil Akshay Arun	1	1	1	1	1	1					6
13	Kulkarni Varun Vinod	1	1	1	1	1	1		4		2	12
14	Sadare Vishakha Deepak	1	1	1	0	1	1		7		2	14
15	Mulani Arshad Kasim	1	1	1	1	1	1	6	5	5		22
16	Chavan Pranav Maruti	1	1	1	1	1	1		5	3	1	15
17	Shalani Kumari	1	1	1	1	1	1		7	6		19
18	Kulkarni Nishant Deepak	1	1	1	1	1	1			3	3	12
19	Kesarkar Balkrushna D.	1	1	1	1	1	1	5		5	6	22
20	Patil Shivraj Suresh	1	1	1	1	1	1	5	5		7	23
21	Shikalgar Jainab S.	1	1	1	1	1	1	5	5	4		20
22	Patil Vaishnavi Balasaheb											
23	Rorake Yash Santosh	1	1	1	1	1	1	5	3			14
24	Holkar Indrajeet Suryakant	1	1	1	1	1	1	3	5			14
25	Shikalgar Shahin Babasab	1	1	1	1	1	1	4	6		6	22

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

26	Harale Pavan Balaso	1	1	1	1	1	1	1	4			14
27	Jagdale Aishwarya Deepak	1	1	1	1	1	1		6	6	7	25
28	Patil Aditi Bhartesh											
29	Sargar Rachna Arun	1	1	1	1	1	1		5	4	6	21
30	Chougule Pratik Sanjay	1	1	1	1	1	1	4	5	3		18
31	Kathale Sakshi Mahendra	1	1	1	0	1	1	1	2	4		12
32	Kolhapure Sayali Vijay	1	1	1	1	1	1	4	5	5		20
33	Lipare Nikita Dilip	1	1	1	1	1	1	4	6	4		20
34	Saste Rohit Chandrakant	1	1	1	1	1	1		6	5	6	23
35	Ketgale Pranjali Satish	1	1	1	1	1	1		6			12
36	Gade Sangram Maruti	1	1	1	1	1	1		6			12
37	Gaikwad Govinda Jagdish	1	1	1	1	1	1		4			10
38	Shendage Nikhil Amit	1	1	1	1	1	1		6			12
39	Uppaldini gajanan											
40	Koli Krushnat Sarjerao	1	1	1	1	1	1		4	5	4	19
41	Chivate Shruti Annasaheb	1	1	1	1	1	1		6	5	6	23
42	Shinde Mansing Malharrao	1	1	1	1	1	1			5	4	15
43	Aditya Prasad Kulkarni	1	1	1	1	1	1		5		5	17
44	Patil Harshavardhan P.	1	1	1	1	1	1		6	5	4	21
45	Wagharalikar Poonam S.	1	1	1	1	1	1	3	6			15
46	Killedar Prathamesh	1	1	1	1	1	1				6	12
47	Patil Sanika Anil	1	1	1	1	1	1		6	5	4	21
48	Kole Sammed	1	1	1	0	0	0	2		1		6
49	Pinjare Mujahid											
50	Jadhav Rohan	1	1	1	1	1	1					6
51	Patil Pooja R.	1	1	1	1	1	1	6	5	5		22
52	Magdum Harshada	1	1	1	1	1	1	6	7	6		25
53	tambol karena	1	1	1	1	1	1			3	6	15
54	bhasme rohit											
55	kagilkar sourabh	1	1	1	1	1	1		6	2		14
56	Chikkodi Manoj	1	1	1	1	1	1	6	6	6		24
57	Jadhav Yuvraj Shivaji											
58	Kamat Akash Suresh	1	1	1	1	1	1	5	3			14

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

59	Mane Pratiksha Jaywant		1	1	1	1	1	4				10
60	Shweta Shashikant Bhat	1	1	1	1	1	1					6
61	Patil Shreya Alias Sakshi G.	1	1	1	1	1	1	4	5			15
62	Chavan Shraddha Arjun	1	1	1	1	1	1	1	4	1		12
63	Jamadar Shirin Faruddin	1	1	1	1	1	1	6		3		15
64	Nadaf Aaysha Salim											
65	Kajave Ankita Chandrakant											
66	Chavan Ravindra Sanjay											
67	Havaldar Alfaj Najeer	1	1	1	1	1	1	6				12
68	PRATHIKA DATTANAND R.	1	1	1	1	1	1	6	4	3		19
69	Jadhav Vaishnav Balkrishna											
70	Sarikmaslat Alisha	1	1	1	1	1	1					6
71	karwade shreya	1	1	1	1	1	1	1	1	4		12
72	chavan aditya	1	1	1	1	1	1	2	2			10
73	nagvekar aditya	1	1	1	1	1	1					6
74	NAIKWADI ABHISHEK B.	1	1	1	1	1	1					6
	AVERAGE MARKS	1	1	1	1	1	1	4	5	4	5	
	No. of students above average ma	63	63	63	60	62	62	13	24	20	12	
	No of students attempted	63	63	63	63	63	63	28	47	36	24	
	percentage of students scoring	100	100	100	95	98	98	46	51	56	50	
		CO2	CO2	CO2	CO2	CO3	CO3	CO3	CO3	CO3	CO3	
	Attainment Level	3	3	3	3	3	3	1	1	1	1	
		Final Attainment after CIE-I										
	CO	CO2	CO3									
	Avg Attainment	3	1.6									

Attainment Level 1 : 40% students scoring more than average marks (40-60)

Attainment Level 2 : 60% students scoring more than average marks(60-80)

Attainment Level 3 : 80% students scoring more than average marks(above 80)

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum College of Engineering
Stream: Electronics and Telecommunication Engg
Title: Quiz
Subject: OPTICAL COMMUNICATION - Theory
Faculty: POOJA BELAGALI
Academic Year: Year: TE -
Negative Marking: Not Applicable
Marks: 10
Date: 2022-12-26
Duration: 347 minutes

Sr.	Roll Number	Seat Number	First Name	Last Name	Middle Name	Score (Out of	Percentage (%)
1	1	20017	Sarang	Gandhawale	NAMDEV	10	100
2	2	20074	Pushpraj	Jagdale	DATTATRAY	9	90
3	3	20089	Kedar	Joshi	NITIN	10	100
4	4	21006	Shraddha	Pandharbale	DHONDIRAM	10	100
5	5	21015	Rutuja	Kekale	RAJENDRA	10	100
6	6	21023	Sushant	Surve	BUDHAS	10	100
7	7	21026	Pradnya	Chavan	SANJAY	9	90
8	8	21069	Dhanashri	Chorage	DHANAJI	10	100
9	9	21076	Sayali	Arekar	ARUN	9	90
10	10	21082	Shraddha	Bhosale	NANASAHEB	5	50
11	11	21088	Tanjila	Nadaf	SALIM	8	80
12	12	21091	Akshay	Patil	ARUN	10	100
13	13	21090	Varun	Kulkarni	VINDO	10	100
14	14	21036	Vishakha	Sadare	DEEPAK	8	80
15	15	21124	Arshad	Mulani	KASIM	10	100
16	16	21127	Pranav	Chavan	MARUTI	9	90
17	17	21130	Shalani	Kumari	SANJAY	10	100
18	18	21133	Nishant	Kulkarni	DEEPAK	10	100
19	19	21136	Balkrushna	Kesarkar	DATTAKUMAR	10	100
20	20	21148	Shivraj	Patil	SURESH	10	100
21	21	21153	Jainab	Shikalgar	SHAHABUDDIN	10	100
22	22	21154	Vaishnavi	Patil	BALASAHEB	10	100
23	23	21157	Yash	Renuke	SANTOSH	10	100
24	24	21164	Indrajeet	Holkar	SURYAKANT	10	100
25	25	21151	Shahin	Shikalgar	BABASAHEB	10	100
26	26	21174	Pavan	Harale	BALASO	8	80
27	27	21172	Aishwarya	Jagdale	DEEPAK	10	100
28	29	21186	Rachna	Sargar	ARUN	10	100
29	30	21191	Pratik	Chougule	SANJAY	9	90
30	31	21196	Sakshi	Kathale	MAHENDRA	10	100
31	32	21202	Sayali	Kolhapure	VIJAY	9	90
32	33	21201	Nikita	Lipare	DILIP	8	80
33	34	21206	Rohit	Sasto	CHANDRAKANT	10	100
34	35	21209	Pranjali	Ketgale	SATISH	9	90
35	36	21212	Sangram	Gade	MARUTI	9	90

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR (MS)

36	37	21214	Govind	Gaikwad	JAGDISH	10	100
37	38	21216	Nikhil	Shendgae	AMIT	10	100
38	40	21228	Krushnat	Koli	SARJERAO	10	100
39	41	21237	Shruti	Chivate	ANNASAHEB	9	90
40	42	21226	Mansing	Shinde	MALHARRAO	7	70
41	43	21235	Aditya	Kulkarni	PRASAD	9	90
42	44	21248	Harshavardh	Patil	PRAKASH	10	100
43	45	21289	Poonam	Wagharalikar	SHANTARAM	9	90
44	46	21415	Prathamesh	Killedar	MADHUKAR	9	90
45	47	21406	Sanika	Patil	ANIL	9	90
46	48	21402	Sammed	Kole	ARUN	10	100
47	50	21258	Rohan	Jadhav	VITTHAL	10	100
48	51	21404	Pooja	Patil	RAVINDRA	9	90
49	52	21433	Harshada	Magdum	PRADEEP	9	90
50	53	21410	Karina	Tamboli	RAJU	9	90
51	55	21397	Sourabh	Kagilkar	BHIMGONDA	8	80
52	56	20105	Manoj	Chikkodi	BASAVRAJ	9	90
53	58	21039	Akash	Kamat	SURESH	8	80
54	59	21030	Pratiksha	Mane	JAYWANT	9	90
55	60	21077	Shweta	Bhat	SHASHIKANT	9	90
56	61	21083	Shreya Alias S	Patil	GULABRAO	10	100
57	62	21085	Shraddha	Chavan	ARJUN	5	50
58	63	21086	Shirin	Jamadar	FARUDDIN	7	70
59	64	21094	Aaysha	Nadaf	SALIM	9	90
60	65	21096	Ankita	Kajave	CHANDRAKANT	8	80
61	66	21192	Ravindra	Chavan	SANJAY		
62	67	21198	Alfaj	Havaldar	NAJEER	10	100
63	68	21401	Prathika	Revankar	DATTANAND	9	90
64	70	21413	Alisha	Sharikmaslat	FAYYAZ	10	100
65	71		Shreya	Karawade	ATUL	10	100
66	72	21193	Aditya	Chavan	AVADHUT	7	70
67	73	21396	Aditya	Nagvekar	AVINASH	7	70
68	74	21399	Abhishek	Naikwadi	BASAVRAJ	8	80
					AVERAGE MARKS	8.9	
					No. of students above aver	53	
					No of students attem	67	
					percentage of stu	79.1	
					Attainment Level		
					CO	CO4	
					Avg Attainment	2	

Attainment Level 1 : 40% students scoring more than average marks (40-60)
Attainment Level 2 : 60% students scoring more than average marks(60-80)
Attainment Level 3 : 80% students scoring more than average marks(above 80)

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR 416101

Dr. J. J. Magdum College of Engineering, Jaysingpur
Department of Electronics and Telecommunication Engineering

PRACTICAL

Class: TY | Sem: First | Subject: Optical Communication | Academic Year: 2022-23

Roll No.	Name of the student	Expt. 1	Expt.2	Expt. 3	Expt. 4	Expt.5	Expt. 6	Expt.	Expt. 8	Expt. 9
1	Gandhawale Sarang N.	15	15	15	15	15	15	15	15	15
2	Jagdale Pushpraj D.	15	15	15	15	15	15	15	15	15
3	Joshi Kedar N.	15	15	15	15	15	15	15	15	15
4	Pandharbale Shraddha D.	15	15	15	15	15	15	15	15	15
5	Kekale Rutuja Rajendra	15	15	15	15	15	15	15	15	15
6	Surve Sushant Budhas	15	15	15	15	15	15	15	15	15
7	Chavan Pradnya Sanjay	15	15	15	15	15	15	15	15	15
8	Chorage Dhanashri Dhanaji	15	15	15	15	15	15	15	15	15
9	Arekar Sayali Arun	15	15	15	15	15	15	15	15	15
10	Bhosale Shraddha N.	15	15	15	15	15	15	15	15	15
11	Nadaf Tanjila Salim	15	15	15	15	15	15	15	15	15
12	Patil Akshay Arun	15	15	15	15	15	15	15	15	15
13	Kulkarni Varun Vinod	15	15	15	15	15	15	15	15	15
14	Sadare Vishakha Deepak	15	15	15	15	15	15	15	15	15
15	Mulani Arshad Kasim	15	15	15	15	15	15	15	15	15
16	Chavan Pranav Maruti	15	15	15	15	15	15	15	15	15
17	Shalani Kumari	15	15	15	15	15	15	15	15	15
18	Kulkarni Nishant Deepak	15	15	15	15	15	15	15	15	15
19	Kesarkar Balkrushna D.	15	15	15	15	15	15	15	15	15
20	Patil Shivraj Suresh	15	15	15	15	15	15	15	15	15
21	Shikalgar Jainab S.	15	15	15	15	15	15	15	15	15
22	Patil Vaishnavi Balasaheb	15	15	15	15	15	15	15	15	15
23	Renuke Yash Santosh	15	15	15	15	15	15	15	15	15
24	Holkar Indrajeet Suryakant	15	15	15	15	15	15	15	15	15
25	Shikalgar Shahin Babasab	15	15	15	15	15	15	15	15	15
26	Harale Pavan Balaso	15	15	15	15	15	15	15	15	15
27	Jagdale Aishwarya Deepak	15	15	15	15	15	15	15	15	15
28	Patil Aditi Bhartesh	15	15	15	15	15	15	15	15	15

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29	Sargar Rachna Arun	15	15	15	15	15	15	15	15	15
30	Chougule Pratik Sanjay	15	15	15	15	15	15	15	15	15
31	Kathale Sakshi Mahendra	15	15	15	15	15	15	15	15	15
32	Kolhapure Sayali Vijay	15	15	15	15	15	15	15	15	15
33	Lipare Nikita Dilip	15	15	15	15	15	15	15	15	15
34	Saste Rohit Chandrakant	15	15	15	15	15	15	15	15	15
35	Ketgale Pranjali Satish	15	15	15	15	15	15	15	15	15
36	Gade Sangram Maruti	15	15	15	15	15	15	15	15	15
37	Gaikwad Govinda Jagdish	15	15	15	15	15	15	15	15	15
38	Shendage Nikhil Amit	15	15	15	15	15	15	15	15	15
39	Uppaldini gajanan	15	15	15	15	15	15	15	15	15
40	Koli Krushnat Sarjerao	15	15	15	15	15	15	15	15	15
41	Chivate Shruti Annasaheb	15	15	15	15	15	15	15	15	15
42	Shinde Mansing Malharrao	15	15	15	15	15	15	15	15	15
43	Aditya Prasad Kulkarni	15	15	15	15	15	15	15	15	15
44	Patil Harshavardhan P.	15	15	15	15	15	15	15	15	15
45	Wagharalikar Poonam S.	15	15	15	15	15	15	15	15	15
46	Kiliedar Prathamesh	15	15	15	15	15	15	15	15	15
47	Patil Sanika Anil	15	15	15	15	15	15	15	15	15
48	Kore Sameed	15	15	15	15	15	15	15	15	15
49	Pinjare Mujahid	15	15	15	15	15	15	15	15	15
50	Jadhav Rohan	15	15	15	15	15	15	15	15	15
51	Patil Pooja R.	15	15	15	15	15	15	15	15	15
52	Magdum Harshada	15	15	15	15	15	15	15	15	15
53	tamboli karena	15	15	15	15	15	15	15	15	15
54	bhasme rohit	15	15	15	15	15	15	15	15	15
55	kagilkar sourabh	15	15	15	15	15	15	15	15	15
56	Chikkodi Manoj	15	15	15	15	15	15	15	15	15
57	Jadhav Yuvraj Shivaji	15	15	15	15	15	15	15	15	15
58	Kamat Akash Suresh	15	15	15	15	15	15	15	15	15
59	Mane Pratiksha Jaywant	15	15	15	15	15	15	15	15	15
60	Shweta Shashikant Bhat	15	15	15	15	15	15	15	15	15
61	Patil Shreya Alias Sakshi G.	15	15	15	15	15	15	15	15	15

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

62	Chavan Shraddha Arjun	15	15	15	15	15	15	15	15	15
63	Jamadar Shirin Faruddin	15	15	15	15	15	15	15	15	15
64	Nadaf Aaysha Salim	15	15	15	15	15	15	15	15	15
65	Kajave Ankita Chandrakant	15	15	15	15	15	15	15	15	15
66	Chavan Ravindra Sanjay	15	15	15	15	15	15	15	15	15
67	Havaldar Alfaj Najeer	15	15	15	15	15	15	15	15	15
68	PRATHIKA DATTANAND R.	15	15	15	15	15	15	15	15	15
69	Jadhav Vaishnav Balkrishna	15	15	15	15	15	15	15	15	15
70	Sarikmaslat Alisha	15	15	15	15	15	15	15	15	15
71	karwade shreya	15	15	15	15	15	15	15	15	15
72	chavan aditya	15	15	15	15	15	15	15	15	15
73	nagvekar aditya	15	15	15	15	15	15	15	15	15
74	NAIKWADI ABHISHEK B.	15	15	15	15	15	15	15	15	15
	AVERAGE MARKS	15	15	15	15	15	15	15	15	15
	No. of students above average mark	74	74	74	74	74	74	74	74	74
	No of students attempted	74	74	74	74	74	74	74	74	74
	percentage of students scoring ≥ av	100	100	100	100	100	100	100	100	100
		CO1	CO1	CO1	CO1	CO2	CO1	CO3	CO1	CO2
	Attainment Level	3	3	3	3	3	3	3	3	3
		Final Attainment after CIE-I								
	CO	CO1	CO2	CO3						
	Avg Attainment	3	3	3						

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40	4454	41
41	4455	33
42	4456	36
43	4457	33
44	4458	46
45	4459	28
46	4460	30
47	4461	22
48	4462	30
49	4463	37
50	4464	34
51	4465	13
52	4466	22
53	4467	31
54	4468	35
55	4469	46
56	4470	
57	4471	33
58	4472	21
59	4473	23
60	4474	29
61	4475	29
62	4476	21
63	4477	34
64	4478	25
65	4479	28
66	4480	28
67	4481	30
68	4482	19
AVERAGE MAR		26.463

No of students	67
No. of students above	35
percentage of students scoring > avg marks	52.2
Attainment Level	
CO	CO1,CO2,CO3,CO4
Avg Attainment	1

Attainment Level 1 : 40% students scoring more than average marks (40-60)
Attainment Level 2 : 60% students scoring more than average marks(60-80)
Attainment Level 3 : 80% students scoring more than average marks(above 80)

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CO ATTAINMENT

CO's	CIE – I	CIE – II	Quiz	SUK	Practical	Total CIE	90% of Direct (A)	INDIRECT ATTAINMENT	10% OF Indirect (B)	FINAL (A+B)
CO1	2.3			1	3	2.10	1.89	2	0.2	2.09
CO2		3		1	3	2.33	2.10	1	0.1	2.2
CO3		1.6		1	3	1.87	1.68	0	0	1.68
CO4			1	1		1.00	0.90	1	0.1	1.45

PO	Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO															
CO	2.09		3				1								
	2.2	3				2								3	
CO3	1.68			3											
CO4	1.45				3										3
	Avg PO	3	3	3	3	2	1							3	3
CO	Final PO Attainment	2.2	2.09	1.68	1.45	1.46	0.69							2.2	1.45

Final PO Attainment = (Mapping Value/ 3) * Co Attainmentt

Mrs.P.P.Belagali
Subject Incharge

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