



Estd : 1983

Shri Mahatma Basweshwar Education Society's M.S. BIDVE ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & DTE, Mumbai , Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere)

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2.6.2: Attainment of POs and COs are evaluated

PO-PSOs Attainment

Course Name: Information Technology

A.Y- 2022-23

Semester	Branch	Subject	Subject Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
III/SY	IT	Engineering Mathematics - III	BTBS301	0.63	0.84	1.05		0.42	0.63	0.84	0.63				
III/SY	IT	Interpersonal Communication Skills and Self-Development For Engineers	BTHM3402	2.18	2.36	2.73	2.36	2.36	2.36	2.54	2.73	2.18	2.73	2.27	2.12
III/SY	IT	Computer Architecture and Organization	BTITC303	1.6	1.24	1.06	1.42		1.24	1.6	1.42	1.06	0.7	0.7	0.7
III/SY	IT	Object Oriented Paradigm with C++	BTITC304	0.88	1.6	1.33		1.6	1.46		0.88		2		
III/SY	IT	Data Structures and Applications	BTITC305	1.28	2.2	1.46		1.1	2.05	1.21	1.46		1.21	1.46	1.28
IV/SY	IT	Organizational Behavior	BTITHM401			3						3		3	3
IV/SY	IT	Probability and Statistics	BTITC402	1.86	1.86	2.8	1.86		1.86	1.86	1.86	2.8			
IV/SY	IT	Discrete Mathematics	BTITC403	1.67	2	1.75	2	1.33	2	1	2			1	

IV/SY	IT	Design and Analysis of Algorithms	BTITC404	0.86	2.16	0.86	0.86	0.86	2.16	0.86	1.15				1.15
IV/SY	IT	Web Technology	BTITPE405B	2.5	2	1.67	2	1	1.33	1.5	1.75	2.5	1.25	2	2.67
V/TY	IT	Software Engineering	BTITC501	2.17	2.17	1.55	1.86	1.55	1.4	1.86	1.4	0.93			1.86
V/TY	IT	Computer Networks and Internetworking Protocols	BTITC502	1.76	1.9	1.7	1.95	1.61	1.4		1.17		0.73		
V/TY	IT	Data Visualization	BTITPE503E	0.9	0.9	0.9	1.19	1.35	1.8		1.8				
V/TY	IT	Programming In Java	BTITOE504C	0.89	1	0.77	0.77	0.66	1		0.33				
V/TY	IT	Operating Systems	BTITC601	2.61	2.8	1.86	2.8		2.8	1.86	2.8	2.05			
V/TY	IT	Database Management Systems	BTITC602	2	2	1.5		2	1	2	2				
V/TY	IT	Software Testing	BTITPE603A	2.6	2.8	2.25	1	1	2.6	2.6					
V/TY	IT	Compiler Design	BTITOE604A	1.44	2.31	1.73		1.44	0.86	1.73	0.86	0.86	1.3	0.86	
VII/B.Tech	IT	Cloud Computing and Storage Management	BTITC701	2.26	1.91	1.85	1.23	2.47	2.19	2.47	1.64	0.82		1.09	1.48
VII/B.Tech	IT	Artificial Intelligence	BTITC702	1.48	1.98	1.11	1.56	1.21	1.85	1.5	1.21				
VII/B.Tech	IT	Electronic Payment System	BTITE703C	2	2	2	1.5			1	2	2	2	1.5	2
VII/B.Tech	IT	Machine Learning	BTITOE704B	3	2.5	3	2.5	1	2.5	2.5	2.5	2.5	1.5	1	1.5
VII/B.Tech	IT	Information Security	BTITPE705B	1.8	1.21	1.63	1.89	1.44	0.77		1.21	0.88	1.03	1.55	1.16
VII/B.Tech	IT	Internet of Things	BTITC801	2.67	2.33	1.5	2.5	1.5	2.5	2	2				2
VII/B.Tech	IT	Mobile Computing	BTITC802	2.6	3	2.6	2	1.4	2	2	1.6	2	2	1.6	1.6

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III	Mechanica l	Material Science and Metallurgy-	BTMES304	0.55	0.50	0.55	0.67	0.60	0.30	0.55	0.33	0.33	0.33		
IV	Mechanica l	Basic Human Rights	BTHM403						1.60		1.60	2.40	1.60		0.80
IV	Mechanica l	Manufacturing Process-I	BTMC401	1.80	1.60	1.20		1.20					1.20		1.20
IV	Mechanica l	Theory of Machine-I	BTMC402	0.60	0.60		1.05								1.56
IV	Mechanica l	Strength of Materials	BTMES404	0.51	0.71	1.02	0.92		0.51		0.51				1.12
IV	Mechanica l	Ele-I Fluid Machinery	BTMPE405C	1.67	1.45	1.34	1.11	0.56		1.11					0.56
V	Mechanica l	(Ele-II)Automobile Engineering	BTAP504D	0.65	0.70	0.93	0.93	0.47	0.62	0.93					
V	Mechanica l	Heat Transfer	BTMC501	0.89	0.72	1.00	0.50	0.44		0.67		0.33			
V)	Mechanica l	Machine Design-I	BTMC502	1.10	1.00		0.60		0.72		0.60		0.60		0.60
V	Mechanica l	Theory of Machines-II	BTMC503	1.60	2.13	0.80	1.60	1.60		0.80			1.60		2.08
V	Mechanica l	(Open Ele-II) Renewable Energy Sources	BTMOE505B	1.17	1.17	1.56	0.67	1.33	2.00	2.00	1.67	1.33	1.11		1.17
V	Mechanica l	Applied Thermodynamics	BTMOE506	0.60	1.00	0.60									
VI	Mechanica l	Manufacturing Processes- II	BTMC 601	1.20	1.06	0.64	0.90	1.20		0.80	0.80				0.40
VI	Mechanica l	Machine Design-II	BTMC602	0.96	0.85	1.07	0.53		0.67		0.53		0.53		0.53
VI	Mechanica l	Quantitative Tech In Prod. Mang.	BTMOE605 A	1.70	0.60	0.60	1.80	1.20	0.80			1.80	1.10	1.80	0.60
VI	Mechanica l	Ele-III IC Engine	BTMPE603A	0.90	0.80			0.80		1.20					
VI	Mechanica l	Ele-IV Robotics	BTMPE604D	1.30	1.10	0.90	0.60	0.84	0.60	0.60		1.80	1.10		
VII	Mechanica l	Mechatronics	BTMEC701	1.47	1.33	1.11	1.33	1.89	1.67	1.07	0.67	1.50	0.67	0.67	1.47
VII	Mechanica l	CAD/ACM	BTMEC702	1.74	1.14	1.14	2.13	0.89							0.71
VII	Mechanica l	Manufacturing Process-III	BTMEC703	1.73	1.73	1.56		1.30	1.30	1.30					1.30
VII	Mechanica l	Fluid Machinery	BTMEC704A	1.40	1.21	1.12	0.93	0.47		0.93					0.47

Course Name: Computer Science and Engineering A.Y- 2022-23																		
Semester	Subject Code	Subject Name	PO 1	PO2	PO 3	PO 4	PO 5	PO6	PO7	PO 8	PO9	PO10	PO1 1	PO1 2	PSO1	PSO 2	PSO3	PSO 4
III	BTBS301	Engg.Math-III	1	1														
III	BTCOC302	Discrete Math.	1.8	2		2.4			1.6	1.6	0.8	1.6	1.6	0.8	1.6		1.6	1.6
III	BTCOC303	Data Structure																
III	BTCOC304	Comp. Arch.& Org.	1.95	1.95	1.73	2.16	1.73	1.73	2.02	1.73	1.73	2.02	2.02	2.6	1.73	2.6	2.6	2.6
III	BTCOC305	EL-I(OOP in JAVA)	1.28	1.17	0.62	1.17	1.24	0.62	1.17	1.24	1.17	0.93	1.40	1.17	0.93	1.17	1.17	
III	BTCOL306	DS & OOP Lab																
V	BTCOC501	Database Systems	2.4	2.4	2.4		2.4		1.2	2.4		1.8	1.8	1.2	2.4	1.2		1.8
V	BTCOC502	Theory Of Computation	3.00	3.00	3.00	3.00	3.00	1.50	3.00	1.50	1.50	3.00	3.00	1.50	3.00	3.00	3.00	3.00
V	BTCOC503	Software Engineering	1.46	1.33	1.24	1.33	1.33	1.24	1.24	1.24	1.2	1.24	1.24	1.6	1.06	1.6	1.6	1.6
V	BTCE504	EL-II(Numerical Methods)	2.4	2.4	2.4	2.4	3						2.4	1.8	2.4	2.4	2.4	2.4
V	BTHM505	EL-III(Business Communication)	2.25	2.50	1.33	2.67	2.66	1.33	2.33	2.66	2.50	2.00	3.00	2.50	2.00	3.00	3.00	
V	BTCOL506	Database & Soft.Engg. Lab	2.66	2.5	2	2	2	1	1	2	2	1.5	1.5	1	2	3	1	1.5
VII	BTCOC701	S/w Engg.	2.25	2.5	1.33	2.7	2.66	1.33	2.3	2.66	2.5	2	3	2.5	2	3	3	3
VII	BTCE702 A	EL-VIII(Big Data)		1.8	1.6	2	1.8			1.6				1.4		1.6	0.8	
VII	BTCE703 A	EL-IX(Cloud Comp.)	1.8		1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
VII	BTCE704 A	Open EL-X(Block Chain)	2.75	2.5	2.7	2.5	2.5	2.3	2.7	2.3	2.5	2.3	2.7	3	2	3	3	3
VII	BTCE704 B	Open EL-X(Comp.Graps)	1.65	1.5	1.5	1.5	1.5	1.5					2.66		2	3		
VII	BTCOL705	Full Stack Development		2	3	1.25	2						1.25	1		2.25		1
VII	BTCOL706	System Admin.	2.75		2.3	2.5	2.5	2.3	2.3		2.25	2.3	2.3	3	0.6	0.6	3	3
VII	BTCOL707	EL-VIII(Big Data) Lab		1.8	1.6	2	1.8			1.6				1.4		1.6	0.8	
VII	BTCOL708	EL-IX(Cloud Comp.) Lab				3	3							3	3	2.625	3	3

Semester	Subject Code	Subject Name	PO 1	PO2	PO 3	PO 4	PO 5	PO6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PO1 2	PSO 1	PSO 2	PSO 3	PSO 4
VI	BTCOC401	Design & Analysis of Algorithms	1.33	1.3										1.33		2		
VI	BTCOC402	Operating Systems	1.06	1	2	2	1.03		1		0.6	1.03	0.6				1	

VI	BTHM403	Basic Human Rights																
VI	BTBS404	Probability Theory and Random Processes	2	2	1.3	2		1.3	1.3	0.66		2	1.33		1.33			
VI	BTES405	Digital Logic Design & Microprocessors	1.6	1.6	2						1.6		2		2			
VI	BTCOL406	Operating Systems & Python Programming Lab	2	2			2	1	1						1.5	2		
VI	BTCOC601	Compiler Design	3	3	3	1.5	3	1.5	3	1.5	2	3	2.625	1.5	3	2.25	3	3
VI	BTCOC602	Computer Networks	3	2	2.3	2.5	2.5	2	2	2.5	3	2	0	3	2	2.5	2.5	
VI	BTCOC603	Machine Learning		2.8	2		1.75				2.25		2	2	2	2		
VI	BTCOE604 B	EL-IV(IoT)	2.4	1.9	1.9	2							2.88		2	1.92		1.92
VI	BTHM605C	EL-V(Consumer Behaviour)	2.13	2.13	1.86	2	2	1.86	1.86	1.86	1.86	1.86	1.6	2.4	1.6	2.4	2.4	2.4
VI	BTCOL606	Competitive Programming & ML Lab		3	2		1.5				1.75			2		3		2
VIII	BTCOE801 B	EL-XI(Social Networks)	2	2.5	2.7	2.5	2.5	2	2.5	2.5	2	0	1.3	2	2	3	1	1
VIII	BTCOE802	EL-XII(Cryptography and Network Security)	2.75	2.5	2.7	2.5	2.5	2.3	2.7	2.3	2.5	2.7	2.7	3	2	3	3	3

Course Name: Electrical Engineering A.Y- 2022-23																	
Semeste/ Year	Subject Code	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PO1 2	PSO 1	PSO 2	PSO 3
III	BTEEC302	Electrical Machines-I	1.4	1.2	0.8	1.2	0.5							0.9	1.4	0.9	0.9
III	BTEEC303	Electrical and Electronics Measurement	1.4	1.1	0.9	0.9	0.9	0.6	0.9	0.7	0.9	0.8	0.7	0.8	1.2	0.9	0.9
III	BTES305	Engineering Material Science	1.1	0.5		0.9		0.7	0.5			1.4		0.5	1.4	0.9	
III	BTEEC401	Network Theory	1.4	0.8	0.8	0.9	0.9	0.5						0.9	1.1	0.6	0.9
IV	BTEEC402	Power System	1.2	0.8	0.9	0.5								0.5	0.5	0.5	
IV	BTEEC403	Electrical Machine-II	1.4	1.2	0.8	1.4						1.4		0.9	1.4	0.9	0.9
IV	BTBS404	Analog and Digital Electronics	1.2	1.4			1.4	0.9	0.5		0.9	1.4			1.4		0.9
IV	BTEEPE405	Signals and System Group A	1.6	1.3	1.3	1.7	1.3							1.3	1.3	1.0	1.3
Semeste/ Year	Subject Code	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PO1 2	PSO 1	PSO 2	PSO 3

V	BTEEC501	Power System Analysis	1.4	1.4	0.7	1.4								0.7	1.2	1.4	
V	BTEEC502	Microprocessor and Microcontroller	1.1	1.2	1.3	1.4	1.4				1.4	0.9			1.2	1.4	0.8
V	BTEEC503	Power Electronics	1.2	1.1	0.8	0.8	0.8	0.0	0.8	0.0	0.8	0.0	0.0	0.8	1.2	1.0	0.8
V	BTEEPLE504	(B) Power Quality Issues Group B	1.0	0.8	0.7	0.7	0.7	0.4	0.7	0.5	0.7	0.6	0.5	0.6	0.8	0.7	0.7
V	BTEEOE505	(B) Electrical Safety Group C	1.0	0.6	0.6	0.7	0.7	0.3						0.7	0.8	0.4	0.7
VI	BTEEC601	Switchgear and Protection	1.4	0.9	0.9	0.9	0.9							0.9	1.4	1.1	0.9
VI	BTEEC602	Electrical Machine Design	1.7	2.0			2.0	1.3	0.7		1.3	2.0			2.0		1.3
VI	BTEEC603	Control System Engineering	1.4	1.4	1.4	0.9	1.3				0.9	0.9		0.9	1.2	1.4	1.3
VI	BTEEPE604	Flexible AC Transmission System Group D	2.6	1.7	0.0	1.7								2.2	2.0	1.2	
VI	BTEEOE605	(B) Power Plant Engineering Group E	2.7	3.0	2.0	2.0									3.0	2.5	2.0
Semester	Subject Code	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
VII	BTEEC701	Power System Operation & Control	1.6	1.1	1.1	1.1	1.1	1.1			1.1	1.1		1.5	1.5	1.2	1.2
VII	BTEEC702	High Voltage Engineering	1.2	1.3	1.5	1.6	1.6				1.6	1.1			1.3	1.6	0.9
VII	BTEEC703	Electrical Drives	1.4	1.4	0.9	1.1			0.5	0.0	1.1		0.7	0.5	1.4	0.9	0.9
VII	BTEEE704	Elective-IX Electrical Traction and Utilization	0.8	0.6	1.1	0.8		0.9			0.9			0.9	1.3	1.2	1.4
VII	BTEEE705	Elective-X Electrical Power Quality	2.0	1.3		1.3								1.7	1.5	0.9	
VIII	BTEEE801	High Power Multilevel Converters	1.7	1.7	2.0	1.8		1.3						1.8	2.0	1.3	2.0
VIII	BTEEE802	Entrepreneurship Essentials	2.0	2.0	2.0	1.3	2.0								1.8	1.8	2.0

Semester	Subject Code	SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
III	BTEEC501	Power System Analysis	1.4	1.4	0.7	1.4								0.7	1.2	1.4	
III	BTEEC502	Microprocessor and Microcontroller	1.1	1.2	1.3	1.4	1.4				1.4	0.9			1.2	1.4	0.8
III	BTEEC503	Power Electronics	1.2	1.1	0.8	0.8	0.8	0.0	0.8	0.0	0.8	0.0	0.0	0.8	1.2	1.0	0.8
III			1.0	0.8	0.7	0.7	0.7	0.4	0.7	0.5	0.7	0.6	0.5	0.6	0.8	0.7	0.7

	BTEEPLE504	(B) Power Quality Issues Group B															
III	BTEEOE505	(B) Electrical Safety Group C	1.0	0.6	0.6	0.7	0.7	0.3						0.7	0.8	0.4	0.7
III	BTEEC601	Switchgear and Protection	1.4	0.9	0.9	0.9	0.9							0.9	1.4	1.1	0.9
IV	BTEEC602	Electrical Machine Design	1.7	2.0			2.0	1.3	0.7		1.3	2.0			2.0		1.3
IV	BTEEC603	Control System Engineering	1.4	1.4	1.4	0.9	1.3				0.9	0.9		0.9	1.2	1.4	1.3
IV	BTEEPE604	Flexible AC Transmission System Group D	2.6	1.7	0.0	1.7								2.2	2.0	1.2	
IV	BTEEOE605	(B) Power Plant Engineering Group E	2.7	3.0	2.0	2.0									3.0	2.5	2.0