

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170535 Name: Muhammad Bilal

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		66		55					71			
	Mechanics of Materials	2	76	53										
	Mechanics of Materials Lab	1				58					71			
SPRING-2020	Final Year Project I	1	95	95	95	95		95		95	95	95	95	95
	Fluid Mechanics	2	79	84										
	Fluid Mechanics Lab	1				82					90			
	Mechatronic Systems Design	2			96	82							100	
	Mechatronic Systems Design Lab	2					85				86	85		
	Modeling and Simulation in Mechatronics	3	82	85			100							
	Probability and Random Variables	3	88	53		85								
	Robotics	3	73	100										
	Robotics Lab	1					94				82			
	SPRING-2021	Energy and Society	2	92	76									
Engineering Economics		3	93	82										
Engineering Management and Entrepreneurship		2								90				
Final Year Project III		3	83	83	100	100	100	100	100	100	100	100	100	100
Manufacturing Automation		2	83	76	61									
Manufacturing Automation Lab		1		79			81				81			
Power Electronics		3	88	74	86									
Total PLO Attainment:			8005	7819	5252	1780	2829	717	300	1099	3234	1665	1018	1047
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			81	80	85	85	86	90	100	92	87	88	93	87

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170536 Name: Muhammad Daw ood Ishtiaq

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12	
Semester	Subject	Cr. Hrs													
SPRING-2019	Instrumentation and Measurement Systems Lab	1		74		85					94				
	Mechanics of Materials	2	76	67											
	Mechanics of Materials Lab	1				86					63				
SPRING-2020	Final Year Project I	1	96	96	96	96		96		96	96	96	96	96	
	Fluid Mechanics	2	85	60											
	Fluid Mechanics Lab	1				78					91				
	Mechatronic Systems Design	2			83	70							68		
	Mechatronic Systems Design Lab	2					93				90	85			
	Modeling and Simulation in Mechatronics	3	69	48				77							
	Probability and Random Variables	3	77	85		79									
	Robotics	3	75	74											
	Robotics Lab	1					50				68				
	SPRING-2021	Energy and Society	2	98	78										
		Engineering Economics	3	67	91										
Engineering Management and Entrepreneurship		2								85					
Final Year Project III		3	100	83	100	100	100	100	100	100	100	100	100	100	
Manufacturing Automation		2	100	100	71										
Manufacturing Automation Lab		1		80			77				74				
Power Electronics		3	97	59	88										
Total PLO Attainment:			7587	7276	4516	1739	2240	734	300	1110	2974	1724	953	1038	
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12	
CPLO Attainment:			77	74	73	83	68	92	100	93	80	91	87	87	

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170539 Name: Alishba Zafar Abbasi

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2017	Calculus I	3	44	48										
	Electric Circuits Analysis	3	87	72										
	Electric Circuits Analysis Lab	1		69		91					63			
	Islamic Studies	2							91					89
	Technical Report Writing	2										98		
	Workshop Practice	2	84							92	67			
FALL-2018	Data Structures and Object Oriented Programming	3	62	0	53		0				75	0	100	
	Electronic Circuits Design	3	71	42	77									
	Electronic Circuits Design Lab	1				88					45			
	Engineering Dynamics	3	60	53										
	Materials and Manufacturing Processes	3	54		61									
	Multivariable Calculus	3	70	43										
	Solid Modeling and Manufacturing Processes	1			56		61						43	
FALL-2019	Communication Skills	2										100		
	Fundamentals of Thermal Sciences	3	52	60	56									
	Fundamentals of Thermal Sciences Lab	1				36					53	48		
	Microcontroller and Embedded Systems	2	48	45	45									
	Microcontroller and Embedded Systems Lab	2				64	50					54		
	Path Planing for Mobile Robots	3		58	50		70					100		
	Signals and System	2	45	44										
	Theory of Machines	2	55	58										
	Theory of Machines Lab	1				72						78		

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170539 **Name:** Alishba Zafar Abbasi

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SUMMER-2018	Physics	4	84	94							100			
Total PLO Attainment:			6521	6038	3642	1490	1821	535	150	1069	2833	1358	989	935
Total Credit Hourse:			105	107	60	22	29	8	3	12	38	19	11	12
CPLO Attainment:			62	56	61	68	63	67	50	89	75	71	90	78

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170541 Name: Muhammad Amad-Ud-Din-Usama

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		52		59					71			
	Mechanics of Materials	2	55	51										
	Mechanics of Materials Lab	1				56					50			
SPRING-2020	Final Year Project I	1	80	80	80	80		80		80	80	80	80	80
	Fluid Mechanics	2	66	80										
	Fluid Mechanics Lab	1				82					76			
	Mechatronic Systems Design	2			83	73							82	
	Mechatronic Systems Design Lab	2					100				86	97		
	Modeling and Simulation in Mechatronics	3	62	90				95						
	Probability and Random Variables	3	100	73		97								
	Robotics	3	70	89										
	Robotics Lab	1					81				50			
	SPRING-2021	Energy and Society	2	86	71									
Engineering Economics		3	70	64										
Engineering Management and Entrepreneurship		2								94				
Final Year Project III		3	67	67	75	75	83	83	83	83	83	83	83	83
Manufacturing Automation		2	87	74	80									
Manufacturing Automation Lab		1		78			86				77			
Power Electronics		3	85	68	78									
Total PLO Attainment:			7130	7179	4565	1645	2289	631	249	1063	2857	1599	904	945
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			72	73	74	78	69	79	83	89	77	84	82	79

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170542 Name: Muhammad Umar

			PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs													
SPRING-2019	Instrumentation and Measurement Systems Lab	1		74			66					84			
	Mechanics of Materials	2	67	71											
	Mechanics of Materials Lab	1				75					67				
SPRING-2020	Final Year Project I	1	96	96	96	96			96		96	96	96	96	96
	Fluid Mechanics	2	64	51											
	Fluid Mechanics Lab	1				69					78				
	Mechatronic Systems Design	2			75	61								84	
	Mechatronic Systems Design Lab	2						78			91	62			
	Modeling and Simulation in Mechatronics	3	72	50				98							
	Probability and Random Variables	3	58	65		71									
	Robotics	3	66	70											
	Robotics Lab	1						61				38			
	SPRING-2021	Energy and Society	2	72	69										
Engineering Economics		3	84	79											
Engineering Management and Entrepreneurship		2									84				
Final Year Project III		3	83	83	100	100	100	100	100	100	100	100	100	100	100
Manufacturing Automation		2	59	66	62										
Manufacturing Automation Lab		1		71			71				69				
Modeling and Simulation in Mechatronics		3	100	65			61								
Power Electronics		3	72	71	60										
Total PLO Attainment:			7299	7275	4304	1619	2614	710	300	1012	2763	1471	983	964	
Total Credit Hour:			102	101	62	21	36	8	3	12	37	19	11	12	
CPLO Attainment:			72	72	69	77	73	89	100	84	75	77	89	80	

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170544 **Name:** Junaid Ahmad

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2021	Robotics Lab	1					50				100			
Total PLO Attainment:			7208	6569	4197	1483	2306	597	249	927	2553	1378	635	827
Total Credit Hourse:			103	102	64	21	34	8	3	12	38	21	11	12
CPLO Attainment:			70	64	66	71	68	75	83	77	67	66	58	69

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170545 Name: Raffay Ahmad

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2017	Applied Physics	4	64	27	63		67				70			
	Calculus I	3	70	100										
	Electric Circuits Analysis	3	84	77										
	Electric Circuits Analysis Lab	1		64		81					54			
	Islamic Studies	2							87					78
	Technical Report Writing	2										70		
	Workshop Practice	2	58						74	79				
FALL-2018	Data Structures and Object Oriented Programming	3	63	61	72		50				73	100	67	
	Electronic Circuits Design	3	37	83	76									
	Electronic Circuits Design Lab	1				68					66			
	Engineering Dynamics	3	59	82										
	Materials and Manufacturing Processes	3	86		70									
	Multivariable Calculus	3	81	98										
	Solid Modeling and Manufacturing Processes	1			85		67					36		
FALL-2019	Fundamentals of Thermal Sciences	3	47	71	81									
	Fundamentals of Thermal Sciences Lab	1				71					52	53		
	Microcontroller and Embedded Systems	2	59	59	50									
	Microcontroller and Embedded Systems Lab	2				60	75				82			
	Path Planing for Mobile Robots	3		72	87		81				25			
	Signals and System	2	54	68										
	Theory of Machines	2	78	70										
	Theory of Machines Lab	1				65					59			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170545 Name: Raffay Ahmad

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12			
Semester	Subject	Cr. Hrs															
FALL-2020	Communication Skills	2											76				
	Control Systems	3	75	87	72												
	Control Systems Lab	1						97					52				
	Design of Machine Elements	2	32	61	57												
	Final Year Project II	2	65	91	91	91			91			91	91	91	91	91	
	Mechanical Vibrations	2	94	100													
	Numerical Analysis and Computation	3			83	95				67							
	Pakistan Studies	2									70						55
	Technical English	2											82				
SPRING-2018	Computer Programming	3	85	0	73				13								
	Electronics Devices and Circuits	3	95	93	100												
	Electronics Devices and Circuits Lab	1	70									68					
	Engineering Draw ing	2	79			56				75							
	Engineering Statics	3	61	55													
	Ethics	2					70						83			68	
	Ordinary Differential Equations and Linear Algebra	3	76	81													
SPRING-2019	Actuating Systems	3	83	74	81												
	Actuating Systems Lab	1				77					50						
	Complex Variables and Transforms	3	54			67											
	Digital Logic Design	3	59	92	72												
	Digital Logic Design Lab	1					73	73						92			
	Instrumentation and Measurement Systems	3	67	57													

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170545 Name: Raffay Ahmad

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		55		67					59			
	Mechanics of Materials	2	65	40										
	Mechanics of Materials Lab	1				49					71			
SPRING-2020	Final Year Project I	1	100	100	100	100		100		100	100	100	100	100
	Fluid Mechanics	2	74	63										
	Fluid Mechanics Lab	1				77					60			
	Mechatronic Systems Design	2			85	70							79	
	Mechatronic Systems Design Lab	2					74				97	82		
	Modeling and Simulation in Mechatronics	3	73	100			50							
	Probability and Random Variables	3	75	73		91								
	Robotics	3	59	89										
	Robotics Lab	1					43				53			
	SPRING-2021	Energy and Society	2	66	80									
Engineering Economics		3	100	81										
Engineering Management and Entrepreneurship		2								84				
Final Year Project III		3	83	83	100	100	100	100	100	100	100	100	100	100
Manufacturing Automation		2	93	91	73									
Manufacturing Automation Lab		1		90			98				85			
Power Electronics		3	87	92	83									
Total PLO Attainment:			7037	7292	4788	1666	2177	722	300	1072	2659	1591	941	984
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			71	74	77	79	66	90	100	89	72	84	86	82

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170547 Name: Hafiz Muhammad Tashfeen Tayyab

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12		
Semester	Subject	Cr. Hrs														
SPRING-2019	Digital Logic Design	3	77	81	59											
	Digital Logic Design Lab	1				77	88						58			
	Instrumentation and Measurement Systems	3	76	70												
	Instrumentation and Measurement Systems Lab	1			64	68						71				
	Mechanics of Materials	2	39	41												
	Mechanics of Materials Lab	1				54						67				
SPRING-2020	Final Year Project I	1	55	55	53	55	55		55			55	55	55		
	Fluid Mechanics	2	66	74												
	Fluid Mechanics Lab	1				66						72				
	Mechatronic Systems Design	2				88	84							66		
	Mechatronic Systems Design Lab	2						50						75	50	
	Modeling and Simulation in Mechatronics	3	74	84				92								
	Probability and Random Variables	3	96	85			92									
	Robotics	3	66	83												
	Robotics Lab	1						74						66		
	SPRING-2021	Energy and Society	2	77	80											
Engineering Economics		3	53	78												
Engineering Management and Entrepreneurship		2								93						
Final Year Project III		3	50	50	50	50	50	50	50	50	50	50	50	50		
Manufacturing Automation		2	72	72	69											
Manufacturing Automation Lab		1			89				95						88	
Power Electronics		3	88	65	63											

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170547 Name: Hafiz Muhammad Tashfeen Tayyab

Semester	Subject	PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
		Cr. Hrs												
	Total PLO Attainment:		6358	6675	3886	1392	2116	449	150	831	2281	1385	642	773
	Total Credit Hourse:		103	102	64	21	33	8	3	12	37	21	11	12
	CPLO Attainment:		62	65	61	66	64	56	50	69	62	66	58	64

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170553 Name: Mirza Saad Mazhar

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		50		73					71			
	Mechanics of Materials	2	60	32										
	Mechanics of Materials Lab	1				53					54			
SPRING-2020	Final Year Project I	1	75	75	75	75		75		75	75	75	75	75
	Fluid Mechanics	2	87	86										
	Fluid Mechanics Lab	1				75					63			
	Mechatronic Systems Design	2			100	77							66	
	Mechatronic Systems Design Lab	2					80				93	82		
	Modeling and Simulation in Mechatronics	3	87	78			84							
	Probability and Random Variables	3	73	60		89								
	Robotics	3	77	87										
	Robotics Lab	1					71				69			
	SPRING-2021	Energy and Society	2	89	84									
Engineering Economics		3	82	87										
Engineering Management and Entrepreneurship		2								83				
Final Year Project III		3	83	83	100	100	83	83	83	83	83	83	83	83
Manufacturing Automation		2	87	95	75									
Manufacturing Automation Lab		1		87			89				85			
Power Electronics		3	88	65	84									
Total PLO Attainment:			7290	7340	4408	1721	2297	644	249	988	2625	1430	841	972
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			74	75	71	82	70	81	83	82	71	75	76	81

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170554 Name: Syed Sameed Ahmed

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		81		89					96			
	Mechanics of Materials	2	66	43										
	Mechanics of Materials Lab	1				83				83				
SPRING-2020	Final Year Project I	1	88	88	88	88		88		88	88	88	88	88
	Fluid Mechanics	2	77	89										
	Fluid Mechanics Lab	1				82				100				
	Mechatronic Systems Design	2			75	55							76	
	Mechatronic Systems Design Lab	2					73			80	80			
	Modeling and Simulation in Mechatronics	3	80	82			92							
	Probability and Random Variables	3	85	53		88								
	Robotics	3	95	87										
	Robotics Lab	1					100				93			
	SPRING-2021	Energy and Society	2	87	84									
Engineering Economics		3	93	67										
Engineering Management and Entrepreneurship		2								86				
Final Year Project III		3	83	83	100	100	100	100	100	100	100	100	100	100
Manufacturing Automation		2	69	78	82									
Manufacturing Automation Lab		1		74			84			70				
Power Electronics		3	82	88	79									
Total PLO Attainment:			7540	7171	4192	1732	2621	724	300	1044	2895	1599	1002	998
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			76	73	68	82	79	91	100	87	78	84	91	83

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170556 Name: Taimoor Ishtiaq Butt

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2017	Applied Physics	4	47	34	57		33				96			
	Calculus I	3	49	57										
	Electric Circuits Analysis	3	43	65										
	Electric Circuits Analysis Lab	1		95		94					91			
	Islamic Studies	2								86				88
	Technical Report Writing	2										85		
	Workshop Practice	2	80							80	85			
FALL-2018	Data Structures and Object Oriented Programming	3	68	64	44		43				95	100	100	
	Electronic Circuits Design	3	72	57	75									
	Electronic Circuits Design Lab	1				56					74			
	Materials and Manufacturing Processes	3	74		64									
	Multivariable Calculus	3	78	82										
	Solid Modeling and Manufacturing Processes	1			72		60					36		
FALL-2019	Communication Skills	2										69		
	Fundamentals of Thermal Sciences	3	44	72	57									
	Fundamentals of Thermal Sciences Lab	1				92					80	74		
	Microcontroller and Embedded Systems	2	61	59	54									
	Microcontroller and Embedded Systems Lab	2				73	85				92			
	Path Planing for Mobile Robots	3		72	71		86				25			
	Signals and System	2	50	63										
FALL-2020	Control Systems	3	51	70	72									
	Control Systems Lab	1					70				49			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170556 Name: Taimoor Ishtiaq Butt

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12	
Semester	Subject	Cr. Hrs													
FALL-2020	Engineering Dynamics	3	68	64											
	Final Year Project II	2	57	73	73	73	73	73	73	73	73	73	73	73	
	Mechanical Vibrations	2	88	52											
	Numerical Analysis and Computation	3		72	62	67									
	Pakistan Studies	2					83							64	
	Technical English	2									81				
FALL-2021	Calculus I	3	81	86											
	Design of Machine Elements	2	73	70	74										
	Theory of Machines	2	66	63											
	Theory of Machines Lab	1				60					50				
SPRING-2018	Computer Programming	3	61	95	63		66								
	Electronics Devices and Circuits	3	75	60	64										
	Electronics Devices and Circuits Lab	1	74								68				
	Engineering Draw ing	2	33		33		51								
	Engineering Statics	3	19	0											
	Ethics	2				94						93			91
	Ordinary Differential Equations and Linear Algebra	3	41	58											
SPRING-2019	Actuating Systems	3	70	67	44										
	Actuating Systems Lab	1		78								66			
	Complex Variables and Transforms	3	70		44										
	Digital Logic Design	3	75	73	85										
	Digital Logic Design Lab	1					86	68					72		

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170556 Name: Taimoor Ishtiaq Butt

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12	
Semester	Subject	Cr. Hrs													
SPRING-2019	Instrumentation and Measurement Systems	3	83	63											
	Instrumentation and Measurement Systems Lab	1		64		78						78			
	Mechanics of Materials	2	36	6											
	Mechanics of Materials Lab	1				66					58				
SPRING-2020	Final Year Project I	1	75	75	75	75		75		75	75	75	75	75	
	Fluid Mechanics	2	71	87											
	Fluid Mechanics Lab	1				79					96				
	Mechatronic Systems Design	2			73	82						89			
	Mechatronic Systems Design Lab	2						68			82	69			
	Modeling and Simulation in Mechatronics	3	76	76				91							
	Probability and Random Variables	3	81	80		94									
	Robotics	3	77	83											
	Robotics Lab	1						62					63		
	SPRING-2021	Energy and Society	2	82	97										
Engineering Economics		3	71	82											
Engineering Management and Entrepreneurship		2									93				
Final Year Project III		3	67	67	75	75	83	83	83	83	83	83	83	83	
Manufacturing Automation		2	73	74	50										
Manufacturing Automation Lab		1		76			78					68			
Mechanics of Materials		2	56	82											
Power Electronics		3	88	67	78										

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170556 Name: Taimoor Ishtiaq Butt

Semester	Subject	PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
		Cr. Hrs												
	Total PLO Attainment:		6735	6872	3971	1649	2186	636	249	988	2831	1488	948	956
	Total Credit Hourse:		104	103	62	21	33	8	3	12	37	19	11	12
	CPLO Attainment:		65	67	64	79	66	80	83	82	77	78	86	80

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170562 Name: Taimur Saeed Malik

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2017	Applied Physics	4	55	58	33		25				97			
	Calculus I	3	50	60										
	Electric Circuits Analysis	3	67	56										
	Electric Circuits Analysis Lab	1		77		86					60			
	Islamic Studies	2							91					74
	Technical Report Writing	2										81		
	Workshop Practice	2	73						80	83				
FALL-2018	Data Structures and Object Oriented Programming	3	64	86	58		0				91	100	83	
	Electronic Circuits Design	3	68	63	71									
	Electronic Circuits Design Lab	1				77					66			
	Engineering Dynamics	3	81	67										
	Materials and Manufacturing Processes	3	63		64									
	Multivariable Calculus	3	73	66										
	Solid Modeling and Manufacturing Processes	1			81		67					50		
FALL-2019	Communication Skills	2										67		
	Fundamentals of Thermal Sciences	3	50	81	52									
	Fundamentals of Thermal Sciences Lab	1				79					59	62		
	Microcontroller and Embedded Systems Lab	2				65	66				50			
	Path Planing for Mobile Robots	3		71	61		83				25			
	Signals and System	2	57	52										
	Theory of Machines	2	57	81										
	Theory of Machines Lab	1				85					78			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170562 Name: Taimur Saeed Malik

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		74		86					90			
	Mechanics of Materials	2	56	43										
	Mechanics of Materials Lab	1				50					54			
SPRING-2020	Final Year Project I	1	96	96	96	96		96		96	96	96	96	96
	Fluid Mechanics	2	65	80										
	Fluid Mechanics Lab	1				71					85			
	Mechatronic Systems Design	2			77	82							87	
	Mechatronic Systems Design Lab	2					75				83	67		
	Modeling and Simulation in Mechatronics	3	69	59			85							
	Probability and Random Variables	3	65	55		62								
	Robotics	3	73	66										
	Robotics Lab	1					64				33			
	SPRING-2021	Energy and Society	2	72	82									
Engineering Economics		3	87	75										
Engineering Management and Entrepreneurship		2								91				
Final Year Project III		3	83	83	100	100	100	100	100	100	100	100	100	100
Manufacturing Automation		2	64	76	68									
Manufacturing Automation Lab		1		69			68				63			
Power Electronics		3	76	73	67									
Total PLO Attainment:			6592	6446	4102	1632	2067	566	300	1090	2720	1570	989	836
Total Credit Hourse:			101	100	64	21	33	6	3	12	37	19	11	10
CPLO Attainment:			65	64	64	78	63	94	100	91	74	83	90	84

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170568 Name: Sara Mukhtar

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2019	Theory of Machines Lab	1				72					78			
FALL-2020	Control Systems	3	39	26	65									
	Control Systems Lab	1					52				61			
	Design of Machine Elements	2	10	2	0									
	Final Year Project II	2	58	50	50	50		50		50	50	50	50	50
	Mechanical Vibrations	2	77	33										
	Numerical Analysis and Computation	3		50	63		100							
	Pakistan Studies	2						91						79
	Technical English	2										67		
FALL-2021	Applied Physics	4		68		36					92			
	Calculus I	3	42	100										
	Design of Machine Elements	2	39	46	74									
	Mechanical Vibrations	2	35	63										
SPRING-2018	Computer Programming	3	50	60	53		78							
	Electronics Devices and Circuits	3	84	85	89									
	Electronics Devices and Circuits Lab	1	62								84			
	Engineering Draw ing	2	81		87		93							
	Engineering Statics	3	38	0										
	Ethics	2			100						100			100
	Ordinary Differential Equations and Linear Algebra	3	45	27										
SPRING-2019	Actuating Systems	3	67	53	79									
	Actuating Systems Lab	1		65							50			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170568 Name: Sara Mukhtar

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Complex Variables and Transforms	3	58		28									
	Digital Logic Design	3	62	46	45									
	Digital Logic Design Lab	1				73	83			69				
	Instrumentation and Measurement Systems	3	50	54										
	Instrumentation and Measurement Systems Lab	1		60		85				71				
	Mechanics of Materials	2	53	25										
	Mechanics of Materials Lab	1				64				71				
SPRING-2020	Final Year Project I	1	55	55	55	55		55		55	55	55	55	55
	Fluid Mechanics	2	50	86										
	Fluid Mechanics Lab	1				77				89				
	Mechatronic Systems Design	2			85	61							76	
	Mechatronic Systems Design Lab	2						64			65	56		
	Modeling and Simulation in Mechatronics	3	67	46				82						
	Probability and Random Variables	3	58	93		80								
	Robotics	3	66	65										
	Robotics Lab	1					73			80				
	SPRING-2021	Energy and Society	2	88	79									
Engineering Economics		3	50	56										
Engineering Management and Entrepreneurship		2								100				
Final Year Project III		3	50	50	50	50	50	50	50	50	50	50	50	50
Manufacturing Automation		2	52	74	69									
Manufacturing Automation Lab		1		71			73			69				

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170568 **Name:** Sara Mukhtar

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2021	Power Electronics	3	74	59	70									
Total PLO Attainment:			6116	6024	4026	1575	2137	487	150	859	2885	1322	658	839
Total Credit Hourse:			106	109	64	25	33	8	3	12	41	19	11	12
CPLO Attainment:			58	55	63	63	65	61	50	72	70	70	60	70

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170580 Name: Aatis Sajid

Semester	Subject	Cr. Hrs	PLO Name											
			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
FALL-2017	Applied Physics	4	95	70	71		57				84			
	Calculus I	3	66	60										
	Electric Circuits Analysis	3	84	64										
	Electric Circuits Analysis Lab	1		86		62				72				
	Islamic Studies	2							86					74
	Technical Report Writing	2									58			
	Workshop Practice	2	58							72	70			
FALL-2018	Data Structures and Object Oriented Programming	3	46	31	52		29				62	50	50	
	Electronic Circuits Design	3	29	54	49									
	Electronic Circuits Design Lab	1				74				84				
	Engineering Dynamics	3	50	62										
	Materials and Manufacturing Processes	3	58		52									
	Multivariable Calculus	3	55	36										
	Solid Modeling and Manufacturing Processes	1			60		65					36		
FALL-2019	Fundamentals of Thermal Sciences	3	39	33	36									
	Fundamentals of Thermal Sciences Lab	1				55				40	0			
	Microcontroller and Embedded Systems Lab	2				47	56			48				
	Path Planing for Mobile Robots	3		52	61		50			25				
	Signals and System	2	61	54										
	Theory of Machines	2	61	74										
	Theory of Machines Lab	1				92				55				
FALL-2020	Communication Skills	2									70			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170580 Name: Aatis Sajid

Semester	Subject	PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
		Cr. Hrs												
	Total PLO Attainment:		6240	6205	3807	1479	2017	685	466	995	2447	1134	762	777
	Total Credit Hourse:		103	102	65	21	33	8	5	12	40	19	11	12
	CPLO Attainment:		61	61	59	70	61	86	93	83	61	60	69	65

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170583 Name: Abdullah Shahid Sarwar

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2020	Final Year Project II	2	61	82	82	82		82		82	82	82	82	82
	Mechanical Vibrations	2	80	49										
	Microcontroller and Embedded Systems	2	0	51	67									
	Multivariable Calculus	3	26	22										
	Pakistan Studies	2						80						60
	Technical English	2									57			
FALL-2021	Applied Physics	4		88		74					92			
	Control Systems	3	46	22	45									
	Control Systems Lab	1					79				82			
	Probability and Random Variables	3	36	38		63								
SPRING-2018	Computer Programming	3	56	55	58		71							
	Electronics Devices and Circuits	3	75	87	71									
	Electronics Devices and Circuits Lab	1	82								80			
	Engineering Drawing	2	61		59		70							
	Engineering Statics	3	46	70										
	Ethics	2			58						75			64
SPRING-2019	Actuating Systems	3	54	66	51									
	Actuating Systems Lab	1		78							89			
	Digital Logic Design	3	65	53	72									
	Digital Logic Design Lab	1				68	82				64			
	Instrumentation and Measurement Systems	3	64	81										
	Instrumentation and Measurement Systems Lab	1		47		47					50			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170583 Name: Abdullah Shahid Sarwar

Semester	Subject	Cr. Hrs	PLO Name											
			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
SPRING-2019	Mechanics of Materials	2	59	38										
	Mechanics of Materials Lab	1				62					58			
SPRING-2020	Final Year Project I	1	89	89	89	89		89		89	89	89	89	89
	Fluid Mechanics	2	56	66										
SPRING-2021	Fluid Mechanics Lab	1				67					65			
	Linear Algebra and Differential Equation	4	60	74										
	Mechatronic Systems Design	2			83	66							66	
	Mechatronic Systems Design Lab	2					69				80	99		
	Robotics	3	57	68										
	Robotics Lab	1					62				69			
	Engineering Management and Entrepreneurship	2								50				
	Final Year Project III	3	50	50	50	50	50	50	50	50	50	50	50	50
	Manufacturing Automation	2	59	91	62									
SPRING-2022	Manufacturing Automation Lab	1		50			50				46			
	Modeling and Simulation in Mechatronics	3	63	33			28							
	Multivariable Calculus	3	38	53										
	Power Electronics	3	54	65	53									
	Energy and Society	2	94						100					
SPRING-2022	Engineering Economics	3	50	66										
	Probability and Random Variables	3	29	38										
Total PLO Attainment:			5685	6356	3368	1673	1722	563	350	773	2752	1394	784	797
Total Credit House:			103	104	56	25	30	8	5	12	41	19	11	12
CPLO Attainment:			55	61	60	67	57	70	70	64	67	73	71	66

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170584 **Name:** Muhammad Hamza Khan

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SUMMER-2018	Differential Equations	3	69	72										
Total PLO Attainment:			6850	6321	3481	1645	2026	701	300	1047	2468	1537	862	963
Total Credit Hourse:			108	107	65	21	33	8	3	12	37	19	11	12
CPLO Attainment:			63	59	54	78	61	88	100	87	67	81	78	80

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170586 Name: Abdul Hannan

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2019	Theory of Machines Lab	1				51					29			
FALL-2020	Control Systems	3	78	72	50									
	Control Systems Lab	1					52				86			
	Design of Machine Elements	2	12	50	0									
	Final Year Project II	2	49	51	51	51		51		51	51	51	51	51
	Mechanical Vibrations	2	10	61										
	Numerical Analysis and Computation	3		70	43		50							
	Technical English	2										53		
SPRING-2018	Computer Programming	3	73	85	53		66							
	Electronics Devices and Circuits	3	81	62	64									
	Electronics Devices and Circuits Lab	1	81								62			
	Engineering Draw ing	2	80		100		97							
	Engineering Statics	3	36	18										
	Ethics	2			79						68			84
	Ordinary Differential Equations and Linear Algebra	3	22	87										
SPRING-2019	Actuating Systems	3	60	85	44									
	Actuating Systems Lab	1		58							81			
	Complex Variables and Transforms	3	83		67									
	Digital Logic Design	3	66	89	74									
	Digital Logic Design Lab	1				86	76				94			
	Instrumentation and Measurement Systems	3	67	95										
	Instrumentation and Measurement Systems Lab	1		63		52					71			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170586 Name: Abdul Hannan

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12	
Semester	Subject	Cr. Hrs													
SPRING-2019	Mechanics of Materials	2	50	78											
	Mechanics of Materials Lab	1			66						60				
SPRING-2020	Final Year Project I	1	50	50	50	50	50		50		50	50	50	50	
	Fluid Mechanics	2	64	69											
	Fluid Mechanics Lab	1				59					71				
	Mechatronic Systems Design	2			94		34					82			
	Mechatronic Systems Design Lab	2							55		58		82		
	Modeling and Simulation in Mechatronics	3	40	77				85							
	Probability and Random Variables	3	65	93			59								
	Robotics	3	80	74											
	Robotics Lab	1							72		53				
	SPRING-2021	Energy and Society	2	50	70										
Engineering Economics		3	66	88											
Engineering Management and Entrepreneurship		2								66					
Final Year Project III		3	50	50	50	50	50	50	50	50	50	50	50	50	
Manufacturing Automation		2	79	81	69										
Manufacturing Automation Lab		1	72					72		76					
Power Electronics		3	59	53	50										
Total PLO Attainment:			5996	6472	3723	1192	1873	302	150	652	2237	1211	667	642	
Total Credit Hour:			99	98	62	21	33	6	3	12	37	19	11	10	
CPLO Attainment:			61	66	60	57	57	50	50	54	60	64	61	64	

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170589 Name: Danish Toheed Ahmad

Semester	Subject	Cr. Hrs	PLO Name													
			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12		
FALL-2019	Theory of Machines Lab	1				68						70				
FALL-2020	Control Systems	3	39	42	80											
	Control Systems Lab	1					55					89				
	Final Year Project II	2	64	89	89	89			89		89	89	89	89	89	89
	Mechanical Vibrations	2	50	66												
	Numerical Analysis and Computation	3		53	35		67									
	Pakistan Studies	2							72							79
	Technical English	2										78				
FALL-2021	Design of Machine Elements	2	68	58	67											
	Mechanics of Materials	2	63	69												
SPRING-2018	Computer Programming	3	76	59	64		72									
	Electronics Devices and Circuits	3	87	97	73											
	Electronics Devices and Circuits Lab	1	67								64					
	Engineering Draw ing	2	82		75		84									
	Engineering Statics	3	51	0												
	Ethics	2			94							89				90
	Ordinary Differential Equations and Linear Algebra	3	57	69												
SPRING-2019	Actuating Systems	3	45	69	32											
	Actuating Systems Lab	1		73								82				
	Complex Variables and Transforms	3	51		44											
	Digital Logic Design	3	58	75	57											
	Digital Logic Design Lab	1				81	82					64				

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170589 **Name:** Danish Toheed Ahmad

Semester	Subject	PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
		Cr. Hrs												
	Total PLO Attainment:		6521	6208	4222	1662	2200	720	300	998	2519	1530	925	1014
	Total Credit Hourse:		103	102	62	22	34	8	3	12	38	19	11	12
	CPLO Attainment:		63	61	68	76	65	90	100	83	66	81	84	85

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170590 Name: Asad Tariq

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2017	Applied Physics	4	93	55	70		81				68			
	Calculus I	3	93	92										
	Electric Circuits Analysis	3	80	72										
	Electric Circuits Analysis Lab	1		63		55					57			
	Islamic Studies	2								59				81
	Technical Report Writing	2										84		
	Workshop Practice	2	60							68	75			
FALL-2018	Data Structures and Object Oriented Programming	3	99	83	76		79				63	100	67	
	Electronic Circuits Design	3	75	83	87									
	Electronic Circuits Design Lab	1				76					66			
	Engineering Dynamics	3	85	79										
	Materials and Manufacturing Processes	3	83		73									
	Multivariable Calculus	3	98	99										
	Solid Modeling and Manufacturing Processes	1			78		98					79		
FALL-2019	Fundamentals of Thermal Sciences	3	60	75	74									
	Fundamentals of Thermal Sciences Lab	1				67					76	81		
	Microcontroller and Embedded Systems	2	27	41	56									
	Microcontroller and Embedded Systems Lab	2				68	69				78			
	Path Planing for Mobile Robots	3		61	50			72			25			
	Signals and System	2	54	78										
	Theory of Machines	2	72	88										
	Theory of Machines Lab	1				65					50			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170590 Name: Asad Tariq

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12	
Semester	Subject	Cr. Hrs													
FALL-2020	Communication Skills	2											71		
	Control Systems	3	64	74	100										
	Control Systems Lab	1						94						53	
	Design of Machine Elements	2	27	76	0										
	Final Year Project II	2	64	91	91	91	91	91	91	91	91	91	91		
	Mechanical Vibrations	2	88	95											
	Numerical Analysis and Computation	3	85		99				100						
	Pakistan Studies	2							74						67
	Technical English	2										69			
SPRING-2018	Computer Programming	3	88	100	72				75						
	Electronics Devices and Circuits	3	75	77	78										
	Electronics Devices and Circuits Lab	1	94							86					
	Engineering Draw ing	2	84			29				73					
	Engineering Statics	3	82	66											
	Ethics	2					81						98	89	
	Ordinary Differential Equations and Linear Algebra	3	98	98											
SPRING-2019	Actuating Systems	3	75	91	84										
	Actuating Systems Lab	1			91						50				
	Complex Variables and Transforms	3	76			100									
	Digital Logic Design	3	79	90	69										
	Digital Logic Design Lab	1					90	79						100	
	Instrumentation and Measurement Systems	3	77	66											

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170590 Name: Asad Tariq

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		52		68					88			
	Mechanics of Materials	2	46	57										
	Mechanics of Materials Lab	1				81					79			
SPRING-2020	Final Year Project I	1	100	100	100	100		100		100	100	100	100	100
	Fluid Mechanics	2	64	50										
	Fluid Mechanics Lab	1				72					72			
	Mechatronic Systems Design	2			90	50							71	
	Mechatronic Systems Design Lab	2					72				87	82		
	Modeling and Simulation in Mechatronics	3	73	66			64							
	Probability and Random Variables	3	85	65		64								
	Robotics	3	50	71										
	Robotics Lab	1					54				30			
	SPRING-2021	Energy and Society	2	69	63									
Engineering Economics		3	89	76										
Engineering Management and Entrepreneurship		2								97				
Final Year Project III		3	83	83	100	100	100	100	100	100	100	100	100	100
Manufacturing Automation		2	44	67	56									
Manufacturing Automation Lab		1		81			73				76			
Power Electronics		3	59	65	39									
Total PLO Attainment:			7442	7470	4567	1584	2620	730	300	1030	2677	1654	925	1056
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			75	76	74	75	79	91	100	86	72	87	84	88

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170598 Name: Usman Mehboob

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		55		78					75			
	Mechanics of Materials	2	40	34										
	Mechanics of Materials Lab	1				61				79				
SPRING-2020	Final Year Project I	1	98	98	98	98		98		98	98	100	98	98
	Fluid Mechanics	2	73	89										
	Fluid Mechanics Lab	1				84				50				
	Mechatronic Systems Design	2			90	68							71	
	Mechatronic Systems Design Lab	2					84			97	70			
	Modeling and Simulation in Mechatronics	3	87	72			99							
	Probability and Random Variables	3	58	100		85								
	Robotics	3	82	87										
	Robotics Lab	1					59			61				
	SPRING-2021	Energy and Society	2	83	68									
Engineering Economics		3	62	85										
Engineering Management and Entrepreneurship		2								94				
Final Year Project III		3	83	83	100	100	100	100	100	100	100	100	100	100
Manufacturing Automation		2	78	74	76									
Manufacturing Automation Lab		1		74			77			71				
Power Electronics		3	96	82	100									
Total PLO Attainment:			6708	7308	4262	1764	2472	698	300	1092	2626	1612	919	1050
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			68	75	69	84	75	87	100	91	71	85	84	88

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170599 **Name:** Muhammad Bilal Aw an

Semester	Subject	PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
		Cr. Hrs												
	Total PLO Attainment:		7455	7238	4312	1719	2981	728	300	1056	3110	1570	911	906
	Total Credit Hourse:		102	104	68	21	36	8	3	12	40	19	11	12
	CPLO Attainment:		73	70	63	82	83	91	100	88	78	83	83	76

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170601 Name: Mohammad Ahmad Babar

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2020	Control Systems Lab	1					70				50			
	Final Year Project II	2	57	73	73	73		73		73	73	73	73	73
	Mechanical Vibrations	2	86	63										
	Microcontroller and Embedded Systems	2	74	78	47									
	Microcontroller and Embedded Systems Lab	2				20	0			45				
	Numerical Analysis and Computation	3		69	57		67							
	Technical English	2									69			
FALL-2021	Design of Machine Elements	2	74	87	66									
	Fundamentals of Thermal Sciences	3	91	68	87									
	Microcontroller and Embedded Systems Lab	2				61	50			21				
	Pakistan Studies	2						71						50
SPRING-2018	Computer Programming	3	66	78	57		55							
	Electronics Devices and Circuits	3	72	55	73									
	Electronics Devices and Circuits Lab	1	67							82				
	Engineering Draw ing	2	76		67		79							
	Ethics	2			56					79				62
SPRING-2019	Actuating Systems	3	80	54	35									
	Actuating Systems Lab	1		78						47				
	Complex Variables and Transforms	3	50		56									
	Digital Logic Design Lab	1				75	50			58				
	Instrumentation and Measurement Systems	3	42	40										
	Instrumentation and Measurement Systems Lab	1		62		70				53				

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170601 Name: Mohammad Ahmad Babar

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12			
Semester	Subject	Cr. Hrs															
SPRING-2019	Mechanics of Materials	2	34	36													
	Mechanics of Materials Lab	1			62							67					
SPRING-2020	Digital Logic Design	3	63	77	77												
	Final Year Project I	1	91	91	91	91	91		91		91	94	91	91			
	Fluid Mechanics	2	66	74													
	Fluid Mechanics Lab	1			81							47					
	Modeling and Simulation in Mechatronics	3	70	73													
	Robotics	3	82	69													
	Robotics Lab	1			64							59					
SPRING-2021	Engineering Economics	3	91	62													
	Final Year Project III	3	83	83	100	100	100	100	100	100	100	100	100	100			
	Manufacturing Automation	2	71	67	73												
	Manufacturing Automation Lab	1	82		82							71					
	Mechanics of Materials	2	100	100													
	Power Electronics	3	71	83	81												
SPRING-2022	Energy and Society	2	72											97			
	Engineering Management & Entrepreneurship	2	70	83	44									91			
	Mechatronic Systems Design	2			73	61						45					
	Mechatronic Systems Design Lab	2			68							50	68				
	Probability and Random Variables	3	45	47													
SUMMER-2018	Differential Equations	3	51	64													
	Engineering Statics	3	50	100													

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170601 Name: Mohammad Ahmad Babar

Semester	Subject	PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
		Cr. Hrs												
	Total PLO Attainment:		7112	6747	4372	1453	2121	679	494	823	2617	1397	1010	909
	Total Credit Hourse:		106	103	67	20	35	8	5	10	39	19	13	12
	CPLO Attainment:		67	66	65	73	61	85	99	82	67	74	78	76

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170604 Name: Muhammad Wasil Babar

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		53		64					69			
	Mechanics of Materials	2	50	56										
	Mechanics of Materials Lab	1				71					54			
SPRING-2020	Final Year Project I	1	88	88	88	88		88		88	88	91	88	88
	Fluid Mechanics	2	73	63										
	Fluid Mechanics Lab	1				73					82			
	Mechatronic Systems Design	2			88	64							50	
	Mechatronic Systems Design Lab	2					69				86	99		
	Modeling and Simulation in Mechatronics	3	10	87			69							
	Probability and Random Variables	3	92	78		76								
	Robotics	3	64	76										
	Robotics Lab	1					61				69			
	SPRING-2021	Energy and Society	2	93	61									
Engineering Economics		3	84	95										
Engineering Management and Entrepreneurship		2								77				
Final Year Project III		3	50	50	50	50	50	50	50	50	50	50	50	50
Manufacturing Automation		2	60	90	73									
Manufacturing Automation Lab		1		83			85				81			
Power Electronics		3	68	71	90									
Total PLO Attainment:			6950	7079	4407	1510	2601	554	150	850	2693	1459	707	870
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			70	72	71	72	79	69	50	71	73	77	64	73

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170605 Name: Muhammad Musa Khan Sherwani

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2017	Electric Circuits Analysis	3	31	48										
	Electric Circuits Analysis Lab	1		73		60					69			
	Islamic Studies	2								67				100
	Workshop Practice	2	62							50	71			
FALL-2018	Computer Programming	4		80	62	25	0				62			
	Materials and Manufacturing Processes	3	49		46									
FALL-2019	Applied Physics	4		50		64					77			
FALL-2020	Data Structures and Object Oriented Programming	2	65	39	73	59								
	Data Structures and Object Oriented Programming Lab	1	61		73									
	Electronic Circuits Design	3	58	35	45									
	Electronic Circuits Design Lab	1				64					64			
	Engineering Drawing	2	50		36	77	89						85	
	Engineering Dynamics	3	61	38										
	Pakistan Studies	2							70					
FALL-2021	Final Year Project II	2	83	83	83	83	83	83	83	83	83	83	83	83
	Mechanics of Materials	2	62	68										
	Microcontroller and Embedded Systems	2	55	59	55									
	Microcontroller and Embedded Systems Lab	2				58	65				21			
	Path Planing for Mobile Robots	3		13	60		70				68			
	Technical English	2											72	
	Theory of Machines	2	67	34										
	Theory of Machines Lab	1				63					94			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170605 Name: Muhammad Musa Khan Sherwani

PLO Name		PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12	
Semester	Subject	Cr. Hrs												
SPRING-2022	Communication Skills	2											63	
	Design of Machine Elements	2	75	76	50									
	Engineering Management & Entrepreneurship	2	74	69	42								50	
	Instrumentation and Measurement Systems Lab	1				78	76						77	
	Manufacturing Automation	2	73	67	55							72		
	Manufacturing Automation Lab	1			69				87					
	Mechatronic Systems Design	2				77	67						66	
	Mechatronic Systems Design Lab	2					50				10	74		
	Power Electronics	3	50	56	72									
Total PLO Attainment:			4500	4390	2506	1786	1448	406	166	500	2129	954	498	738
Total Credit Hourse:			75	79	42	30	24	5	2	7	33	13	7	9
CPLO Attainment:			60	56	60	60	60	81	83	71	65	73	71	82

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170608 Name: Qurat Ul Ain

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		73		100					100			
	Mechanics of Materials	2	88	100										
	Mechanics of Materials Lab	1				100					100			
SPRING-2020	Final Year Project I	1	90	90	90	90		90		90	90	88	90	90
	Fluid Mechanics	2	85	93										
	Fluid Mechanics Lab	1				71					100			
	Mechatronic Systems Design	2			81	89							95	
	Mechatronic Systems Design Lab	2					82				86	84		
	Modeling and Simulation in Mechatronics	3	74	91			90							
	Probability and Random Variables	3	83	73		88								
	Robotics	3	93	89										
	Robotics Lab	1					81				78			
	SPRING-2021	Energy and Society	2	80	51									
Engineering Economics		3	83	75										
Engineering Management and Entrepreneurship		2								93				
Final Year Project III		3	83	83	100	100	100	100	100	100	100	100	100	100
Manufacturing Automation		2	73	78	71									
Manufacturing Automation Lab		1		100			89				87			
Power Electronics		3	79	79	86									
Total PLO Attainment:			8485	8551	5200	1853	2783	712	300	1124	3366	1563	1042	1052
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			86	87	84	88	84	89	100	94	91	82	95	88

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170610 Name: Ameer Hamza

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2017	Applied Physics	4	77	43	74		51				90			
	Calculus I	3	89	87										
	Electric Circuits Analysis	3	95	64										
	Electric Circuits Analysis Lab	1		82		93					82			
	Islamic Studies	2								90				80
	Technical Report Writing	2										63		
	Workshop Practice	2	70							69	85			
FALL-2018	Data Structures and Object Oriented Programming	3	63	86	63		29				71	100	50	
	Electronic Circuits Design	3	84	81	94									
	Electronic Circuits Design Lab	1				85					47			
	Engineering Dynamics	3	85	66										
	Materials and Manufacturing Processes	3	73		73									
	Multivariable Calculus	3	99	88										
	Solid Modeling and Manufacturing Processes	1			86		79					43		
FALL-2019	Fundamentals of Thermal Sciences	3	53	70	34									
	Fundamentals of Thermal Sciences Lab	1				55					40	31		
	Microcontroller and Embedded Systems	2	68	62	54									
	Microcontroller and Embedded Systems Lab	2				88	64				68			
	Path Planing for Mobile Robots	3		67	79		69				25			
	Signals and System	2	81	63										
	Theory of Machines	2	66	84										
	Theory of Machines Lab	1				60					68			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170610 Name: Ameer Hamza

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12	
Semester	Subject	Cr. Hrs													
FALL-2020	Communication Skills	2	56												
	Control Systems	3	74	83	63										
	Control Systems Lab	1					55					87			
	Design of Machine Elements	2	20	32	0										
	Final Year Project II	2	100	95	95	95	95	95	95	95	95	95	95	95	
	Mechanical Vibrations	2	77	84											
	Numerical Analysis and Computation	3	67		75	83									
	Pakistan Studies	2							70						50
	Technical English	2										39			
FALL-2021	Design of Machine Elements	2	70	80	62										
SPRING-2018	Computer Programming	3	64	83	50										
	Electronics Devices and Circuits	3	84	99	92										
	Electronics Devices and Circuits Lab	1	85								84				
	Engineering Draw ing	2	66	54		86									
	Engineering Statics	3	50	0											
	Ethics	2	88								89	91			
	Ordinary Differential Equations and Linear Algebra	3	79	86											
SPRING-2019	Actuating Systems	3	84	55	81										
	Actuating Systems Lab	1	76								76				
	Complex Variables and Transforms	3	91	56											
	Digital Logic Design	3	92	87	90										
	Digital Logic Design Lab	1					55	80					72		

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170610 Name: Ameer Hamza

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems	3	90	88										
	Instrumentation and Measurement Systems Lab	1		64		74					78			
	Mechanics of Materials	2	50	54										
	Mechanics of Materials Lab	1				58					58			
SPRING-2020	Final Year Project I	1	99	99	99	99		99		99	99	90	99	99
	Fluid Mechanics	2	78	74										
	Fluid Mechanics Lab	1				72					82			
	Mechatronic Systems Design	2			90	77							84	
	Mechatronic Systems Design Lab	2					66				73	55		
	Modeling and Simulation in Mechatronics	3	96	88				92						
	Probability and Random Variables	3	50	90		86								
	Robotics	3	77	84										
	Robotics Lab	1					85				68			
	SPRING-2021	Energy and Society	2	75	79									
Engineering Economics		3	67	83										
Engineering Management and Entrepreneurship		2								95				
Final Year Project III		3	100	100	100	100	100	100	100	100	100	100	100	100
Manufacturing Automation		2	72	74	63									
Manufacturing Automation Lab		1		84			74				79			
Power Electronics		3	82	79	66									
Total PLO Attainment:			7741	7482	4541	1729	2386	729	300	1097	2788	1380	907	1031
Total Credit House:			101	100	64	21	33	8	3	12	37	19	11	12
CPLO Attainment:			77	75	71	82	72	91	100	91	75	73	82	86

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170613 Name: Muhammad Ahmed

Semester	Subject	PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
		Cr. Hrs												
	Total PLO Attainment:		6704	6841	3975	1727	2372	761	300	1071	2697	1559	879	1107
	Total Credit Hourse:		103	102	62	21	33	8	3	12	37	19	11	12
	CPLO Attainment:		65	67	64	82	72	95	100	89	73	82	80	92

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170616 Name: Osama Bin Farooq

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2017	Applied Physics	4	55	18	62		29				90			
	Electric Circuits Analysis	3	73	54										
	Electric Circuits Analysis Lab	1		93		96					66			
	Islamic Studies	2								88				77
	Technical Report Writing	2										97		
	Workshop Practice	2	67							83	90			
FALL-2018	Data Structures and Object Oriented Programming	3	76	53	59		14				80	100	67	
	Electronic Circuits Design	3	49	47	33									
	Electronic Circuits Design Lab	1				77					89			
	Engineering Dynamics	3	49	53										
	Materials and Manufacturing Processes	3	80		56									
	Multivariable Calculus	3	54	44										
FALL-2019	Solid Modeling and Manufacturing Processes	1			69		71					29		
	Communication Skills	2										96		
	Digital Logic Design	3	72	57	32									
	Digital Logic Design Laboratory	1		100	50	99	69							
	Fundamentals of Thermal Sciences	3	34	23	44									
	Fundamentals of Thermal Sciences Lab	1				53					71	72		
	Path Planing for Mobile Robots	3		80	84		58				25			
	Signals and System	2	46	49										
	Theory of Machines	2	72	76										
	Theory of Machines Lab	1				81					55			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170616 Name: Osama Bin Farooq

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12	
Semester	Subject	Cr. Hrs													
FALL-2020	Control Systems	3	61	53	65										
	Control Systems Lab	1					53				49				
	Mechanical Vibrations	2	92	77											
	Microcontroller and Embedded Systems	2	41	52	51										
	Microcontroller and Embedded Systems Lab	2				28	0				18				
	Numerical Analysis and Computation	3		66	73		83								
	Pakistan Studies	2							100						100
	Technical English	2										86			
FALL-2021	Actuating Systems	3	73	70	45										
	Actuating Systems Lab	1		69							41				
	Design of Machine Elements	2	68	39	58										
	Electronic Circuits Design	3	77	75	80										
	Final Year Project II	2	67	67	67	67	67	67	67	67	67	67	67	67	
	Fundamentals of Thermal Sciences	3	94	56	57										
	Mechanics of Materials	2	62	71											
	Microcontroller and Embedded Systems Lab	2				58	50				21				
SPRING-2018	Electronics Devices and Circuits	3	78	76	86										
	Electronics Devices and Circuits Lab	1	66								92				
	Engineering Draw ing	2	55		29		54								
	Ethics	2			79						70			67	
SPRING-2019	Computer Programming	2	95	100	50		93								
	Computer Programming Lab	1		64	0	91	88								

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170616 Name: Osama Bin Farooq

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12	
Semester	Subject	Cr. Hrs													
SPRING-2020	Fluid Mechanics	2	71	56											
	Fluid Mechanics Lab	1			100			80							
	Mechatronic Systems Design	2	71		25							63			
	Mechatronic Systems Design Lab	2	60						55	50					
	Modeling and Simulation in Mechatronics	3	57	39				91							
	Probability and Random Variables	3	96	70	71										
	Robotics	3	68	74											
	Robotics Lab	1	74						71						
SPRING-2021	Energy and Society	2	87	88											
	Engineering Economics	3	70	67											
	Engineering Management and Entrepreneurship	2									94				
	Final Year Project I	1	75	75	75	75	75	75	75	75	75	75	75	75	
	Manufacturing Automation	2	60	72	70										
	Manufacturing Automation Lab	1	73		78			73							
	Mechanics of Materials	2	12	36											
	Mechanics of Materials Lab	1	52			50									
	Power Electronics	3	68	62	63										
	SPRING-2022	Complex Variables and Transforms	3	68	60										
Final Year Project III		3	50	67	64	75	67	75	100	100	50	50	67	100	
Instrumentation and Measurement Systems		3	85	77											
Instrumentation and Measurement Systems Lab		1	73			68	69								
SUMMER-2018	Differential Equations	3	47	58											

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170616 **Name:** Osama Bin Farooq

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SUMMER-2018	Engineering Statics	3	78	50										
Total PLO Attainment:			6822	6405	3915	1591	2279	634	434	1039	2348	1418	737	997
Total Credit Hourse:			103	106	66	24	39	8	5	12	38	19	11	12
CPLO Attainment:			66	60	59	66	58	79	87	87	62	75	67	83

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170619 Name: Muhammad Usman Ali

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2019	Theory of Machines Lab	1				56					71			
FALL-2020	Control Systems	3	50	53	72									
	Control Systems Lab	1					50				84			
	Final Year Project II	2	56	70	70	70		70		70	70	70	70	70
	Mechanical Vibrations	2	81	51										
	Numerical Analysis and Computation	3		67	62		83							
	Pakistan Studies	2						78						69
	Technical English	2										66		
FALL-2021	Applied Physics	4		94		71					70			
	Calculus I	3	80	75										
	Communication Skills	2										84		
	Design of Machine Elements	2	62	34	58									
	Linear Algebra and Differential Equation	4	64	78										
	Mechanics of Materials	2	71	74										
SPRING-2018	Computer Programming	3	59	60	41		52							
	Electronics Devices and Circuits	3	68	79	50									
	Electronics Devices and Circuits Lab	1	69								89			
	Engineering Draw ing	2	55		57		83							
	Ethics	2			83						88			86
	Ordinary Differential Equations and Linear Algebra	3	51	59										
SPRING-2019	Actuating Systems	3	72	58	54									
	Actuating Systems Lab	1		66							66			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170619 Name: Muhammad Usman Ali

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Complex Variables and Transforms	3	67		56									
	Digital Logic Design	3	79	65	83									
	Digital Logic Design Lab	1				54	67				72			
	Instrumentation and Measurement Systems	3	68	66										
	Instrumentation and Measurement Systems Lab	1		57		81						59		
	Mechanics of Materials	2	31	30										
	Mechanics of Materials Lab	1				37						54		
SPRING-2020	Final Year Project I	1	73	73	73	73		73		73	73	99	73	73
	Fluid Mechanics	2	69	66										
	Fluid Mechanics Lab	1				71					63			
	Mechatronic Systems Design	2			83	61							71	
	Mechatronic Systems Design Lab	2					81				82	57		
	Modeling and Simulation in Mechatronics	3	74	67				91						
	Probability and Random Variables	3	54	100		88								
	Robotics	3	64	75										
	Robotics Lab	1					72				62			
	SPRING-2021	Energy and Society	2	69	59									
Engineering Economics		3	70	79										
Engineering Management and Entrepreneurship		2								85				
Final Year Project III		3	67	67	75	75	83	83	83	83	83	83	83	83
Manufacturing Automation		2	71	64	46									
Manufacturing Automation Lab		1		81			76				79			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170619 **Name:** Muhammad Usman Ali

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2021	Mechanics of Materials	2	21	45										
	Power Electronics	3	78	63	67									
SUMMER-2018	Engineering Statics	3	81	81										
Total PLO Attainment:			6976	7265	3861	1742	2083	618	249	938	2831	1466	754	938
Total Credit Hourse:			110	113	62	25	33	8	3	12	41	21	11	12
CPLO Attainment:			63	64	62	70	63	77	83	78	69	70	69	78

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170620 Name: Bilal Farhad

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		57		71					71			
	Mechanics of Materials	2	49	38										
	Mechanics of Materials Lab	1				43					46			
SPRING-2020	Final Year Project I	1	100	100	100	100		100		100	100	73	100	100
	Fluid Mechanics	2	71	80										
	Fluid Mechanics Lab	1				50					59			
	Mechatronic Systems Design	2			50	80							58	
	Mechatronic Systems Design Lab	2					79				56	48		
	Modeling and Simulation in Mechatronics	3	56	73			69							
	Probability and Random Variables	3	50	88		50								
	Robotics	3	73	63										
	Robotics Lab	1					73				20			
	SPRING-2021	Energy and Society	2	60	63									
Engineering Economics		3	51	79										
Engineering Management and Entrepreneurship		2								90				
Final Year Project III		3	83	83	100	100	100	100	100	100	100	100	100	100
Manufacturing Automation		2	77	67	56									
Manufacturing Automation Lab		1		86			90				88			
Power Electronics		3	79	58	50									
Total PLO Attainment:			6114	6392	3832	1528	2316	768	300	1044	2476	1436	797	1046
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			62	65	62	73	70	96	100	87	67	76	72	87

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170622 Name: Muhammad Shaheryar Sajjad

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2019	Theory of Machines Lab	1				80					73			
FALL-2020	Control Systems	3	91	91	82									
	Control Systems Lab	1					58				49			
	Design of Machine Elements	2	25	16	0									
	Final Year Project II	2	60	80	80	80		80		80	80	80	80	80
	Mechanical Vibrations	2	86	50										
	Numerical Analysis and Computation	3		71	59		100							
	Pakistan Studies	2						74						57
	Technical English	2										50		
FALL-2021	Applied Physics	4		89		74					83			
	Electronic Circuits Design	3	90	79	80									
SPRING-2018	Computer Programming	3	66	90	60		57							
	Electronics Devices and Circuits	3	69	82	70									
	Electronics Devices and Circuits Lab	1	68								67			
	Engineering Draw ing	2	72		71		86							
	Ethics	2			90						88			86
	Ordinary Differential Equations and Linear Algebra	3	47	58										
SPRING-2019	Actuating Systems	3	70	75	71									
	Actuating Systems Lab	1		93							95			
	Complex Variables and Transforms	3	63		50									
	Digital Logic Design	3	72	76	63									
	Digital Logic Design Lab	1				67	81				72			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170622 Name: Muhammad Shaheryar Sajjad

Semester	Subject	PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
		Cr. Hrs												
	Total PLO Attainment:		6830	7129	4261	1811	2262	633	249	1013	3037	1432	802	931
	Total Credit Hourse:		104	107	65	25	33	8	3	12	41	19	11	12
	CPLO Attainment:		66	67	66	72	69	79	83	84	74	75	73	78

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170625 Name: Wazir Qammer Abbas

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		59		58					84			
	Mechanics of Materials	2	73	50										
	Mechanics of Materials Lab	1				73					63			
SPRING-2020	Final Year Project I	1	100	100	100	100		100		100	100	76	100	100
	Fluid Mechanics	2	74	91										
	Fluid Mechanics Lab	1				92					88			
	Mechatronic Systems Design	2			90	89							71	
	Mechatronic Systems Design Lab	2					85				85	73		
	Modeling and Simulation in Mechatronics	3	96	82			95							
	Probability and Random Variables	3	81	78		100								
	Robotics	3	100	91										
	Robotics Lab	1					96				89			
	SPRING-2021	Energy and Society	2	93	86									
Engineering Economics		3	95	84										
Engineering Management and Entrepreneurship		2								84				
Final Year Project III		3	83	83	100	100	100	100	100	100	100	100	100	100
Manufacturing Automation		2	69	84	61									
Manufacturing Automation Lab		1		73			81				72			
Power Electronics		3	93	74	96									
Total PLO Attainment:			7598	7675	4842	1852	2795	766	300	1140	2993	1650	943	1134
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			77	78	78	88	85	96	100	95	81	87	86	95

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170626 Name: Danish

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		64		63					84			
	Mechanics of Materials	2	58	57										
	Mechanics of Materials Lab	1				72					58			
SPRING-2020	Final Year Project I	1	90	90	90	90		90		90	90	100	90	90
	Fluid Mechanics	2	84	76										
	Fluid Mechanics Lab	1				84					93			
	Mechatronic Systems Design	2			88	89							66	
	Mechatronic Systems Design Lab	2					72				88	99		
	Modeling and Simulation in Mechatronics	3	90	92			80							
	Probability and Random Variables	3	96	98		97								
	Robotics	3	68	88										
	Robotics Lab	1					98				68			
	SPRING-2021	Energy and Society	2	91	70									
Engineering Economics		3	72	86										
Engineering Management and Entrepreneurship		2								94				
Final Year Project III		3	50	50	50	50	50	50	50	50	50	50	50	50
Manufacturing Automation		2	67	76	67									
Manufacturing Automation Lab		1		88			89				77			
Power Electronics		3	71	76	82									
Total PLO Attainment:			7370	7441	4640	1680	2332	604	150	872	2765	1540	789	912
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			74	76	75	80	71	76	50	73	75	81	72	76

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170628 Name: Muhammad Nehal Anjum

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		59		57					84			
	Mechanics of Materials	2	58	26										
	Mechanics of Materials Lab	1				52				75				
SPRING-2020	Final Year Project I	1	60	60	60	60		60		60	60	90	60	60
	Fluid Mechanics	2	85	77										
	Fluid Mechanics Lab	1				72				67				
	Mechatronic Systems Design	2			85	61							74	
	Mechatronic Systems Design Lab	2					60			84	100			
	Modeling and Simulation in Mechatronics	3	53	81			85							
	Probability and Random Variables	3	85	70		89								
	Robotics	3	68	80										
	Robotics Lab	1					70			71				
	SPRING-2021	Energy and Society	2	68	50									
Engineering Economics		3	55	72										
Engineering Management and Entrepreneurship		2								75				
Final Year Project III		3	83	83	100	100	100	100	100	100	100	100	100	100
Manufacturing Automation		2	71	74	40									
Manufacturing Automation Lab		1		80			85			81				
Power Electronics		3	60	64	57									
Total PLO Attainment:			6292	5662	3941	1489	2246	686	300	902	2526	1565	875	982
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			64	58	64	71	68	86	100	75	68	82	80	82

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170629 Name: Muhammad Adnan Sarfaraz

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2017	Applied Physics	4	69	53	45		86				63			
	Calculus I	3	61	73										
	Electric Circuits Analysis	3	58	76										
	Electric Circuits Analysis Lab	1		63		58					69			
	Islamic Studies	2								76				50
	Technical Report Writing	2										84		
	Workshop Practice	2	78							96	83			
FALL-2018	Data Structures and Object Oriented Programming	3	89	81	74		64				75	100	67	
	Electronic Circuits Design	3	81	73	82									
	Electronic Circuits Design Lab	1				85					66			
	Engineering Dynamics	3	68	54										
	Materials and Manufacturing Processes	3	74		67									
	Multivariable Calculus	3	82	91										
	Solid Modeling and Manufacturing Processes	1			50		62					86		
FALL-2019	Fundamentals of Thermal Sciences	3	61	72	69									
	Fundamentals of Thermal Sciences Lab	1				73					65	72		
	Microcontroller and Embedded Systems	2	61	66	62									
	Microcontroller and Embedded Systems Lab	2				81	75				75			
	Path Planing for Mobile Robots	3		80	77		77				25			
	Signals and System	2	64	68										
	Theory of Machines	2	67	81										
	Theory of Machines Lab	1				90					97			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170629 Name: Muhammad Adnan Sarfaraz

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12		
Semester	Subject	Cr. Hrs														
FALL-2020	Communication Skills	2											78			
	Control Systems	3	93	88	83											
	Control Systems Lab	1						71						51		
	Design of Machine Elements	2	26	28	14											
	Final Year Project II	2	75	90	89	90			90							
	Mechanical Vibrations	2	89	67												
	Numerical Analysis and Computation	3			71	88				100						
	Pakistan Studies	2								74						62
	Technical English	2											79			
SPRING-2018	Computer Programming	3	67	0	61				69							
	Electronics Devices and Circuits	3	100	92	83											
	Electronics Devices and Circuits Lab	1	78											74		
	Engineering Draw ing	2	65			64				73						
	Engineering Statics	3	66	64												
	Ethics	2					89						83	79		
	Ordinary Differential Equations and Linear Algebra	3	72	96												
SPRING-2019	Actuating Systems	3	80	77	46											
	Actuating Systems Lab	1			93						66					
	Complex Variables and Transforms	3	77			56										
	Digital Logic Design	3	82	79	69											
	Digital Logic Design Lab	1					63	89						56		
	Instrumentation and Measurement Systems	3	83	73												

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170629 Name: Muhammad Adnan Sarfaraz

			PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs													
SPRING-2019	Instrumentation and Measurement Systems Lab	1		77			75					84			
	Mechanics of Materials	2	61	29											
	Mechanics of Materials Lab	1				68					71				
SPRING-2020	Final Year Project I	1	98	98	98	98			98		98	98	60	98	98
	Fluid Mechanics	2	74	71											
	Fluid Mechanics Lab	1				82					95				
	Mechatronic Systems Design	2			96	89								68	
	Mechatronic Systems Design Lab	2						84			100	81			
	Modeling and Simulation in Mechatronics	3	62	86				91							
	Probability and Random Variables	3	73	55		76									
	Robotics	3	91	96											
	Robotics Lab	1						79				54			
	SPRING-2021	Energy and Society	2	86	78										
Engineering Economics		3	59	76											
Engineering Management and Entrepreneurship		2									87				
Final Year Project III		3	83	83	100	100	100	100	100	100	100	100	100	100	100
Manufacturing Automation		2	77	74	89										
Manufacturing Automation Lab		1		89			94				84				
Mechanics of Materials		2	41	88											
Power Electronics		3	93	87	76										
Total PLO Attainment:			7445	7281	4427	1740	2706	726	300	1096	2744	1642	915	960	
Total Credit House:			101	100	62	21	33	8	3	12	37	19	11	12	
CPLO Attainment:			74	73	71	83	82	91	100	91	74	86	83	80	

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170635 Name: Huzaifa Waseem

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2017	Applied Physics	4	62	50	54		67				71			
	Calculus I	3	63	67										
	Electric Circuits Analysis	3	83	89										
	Electric Circuits Analysis Lab	1		52		71					59			
	Islamic Studies	2								80				98
	Technical Report Writing	2										86		
	Workshop Practice	2	73							82	92			
FALL-2018	Data Structures and Object Oriented Programming	3	87	97	76		21				62	100	50	
	Electronic Circuits Design Lab	1				56					74			
	Engineering Dynamics	3	68	72										
	Materials and Manufacturing Processes	3	80		54									
	Multivariable Calculus	3	72	78										
	Solid Modeling and Manufacturing Processes	1			81		60					64		
FALL-2019	Communication Skills	2										54		
	Fundamentals of Thermal Sciences	3	60	60	70									
	Fundamentals of Thermal Sciences Lab	1				57					66	74		
	Microcontroller and Embedded Systems	2	59	59	70									
	Microcontroller and Embedded Systems Lab	2				79	62				68			
	Path Planing for Mobile Robots	3		80	79		73				25			
	Signals and System	2	66	53										
	Theory of Machines	2	51	88										
	Theory of Machines Lab	1				84					73			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170635 Name: Huzaifa Waseem

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		50		50					59			
	Mechanics of Materials	2	37	44										
	Mechanics of Materials Lab	1				58					71			
SPRING-2020	Final Year Project I	1	78	78	78	78		78		78	78	98	78	78
	Fluid Mechanics	2	70	80										
	Fluid Mechanics Lab	1				61					72			
	Mechatronic Systems Design	2			92	57							68	
	Mechatronic Systems Design Lab	2					86				90	94		
	Modeling and Simulation in Mechatronics	3	64	87			100							
	Probability and Random Variables	3	96	85		94								
	Robotics	3	50	69										
	Robotics Lab	1					66				44			
	SPRING-2021	Energy and Society	2	76	76									
Engineering Economics		3	63	71										
Engineering Management and Entrepreneurship		2								94				
Final Year Project III		3	67	67	75	75	83	83	83	83	83	83	83	83
Manufacturing Automation		2	66	66	77									
Manufacturing Automation Lab		1		90			91				100			
Power Electronics		3	68	63	66									
Total PLO Attainment:			6811	6698	4053	1534	2350	645	249	1001	2603	1555	775	981
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			69	68	65	73	71	81	83	83	70	82	70	82

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170638 Name: Muhammad Rameez

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2017	Applied Physics	4	88	66	32		86				81			
	Calculus I	3	80	69										
	Electric Circuits Analysis	3	65	84										
	Electric Circuits Analysis Lab	1		69		89					69			
	Islamic Studies	2								89				80
	Technical Report Writing	2										78		
	Workshop Practice	2	95							99	88			
FALL-2018	Computer Programming	4		85	83	65	98				86			
	Engineering Dynamics	3	70	73										
	Materials and Manufacturing Processes	3	76		54									
	Multivariable Calculus	3	95	92										
FALL-2019	Communication Skills	2										86		
	Fundamentals of Thermal Sciences	3	66	60	71									
	Fundamentals of Thermal Sciences Lab	1				91					75	72		
	Microcontroller and Embedded Systems	2	93	72	100									
	Microcontroller and Embedded Systems Lab	2				83	80				94			
	Path Planing for Mobile Robots	3		82	100		79				25			
	Signals and System	2	66	72										
	Theory of Machines	2	57	89										
	Theory of Machines Lab	1				79					58			
FALL-2020	Control Systems	3	67	91	65									
	Control Systems Lab	1					73				48			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170638 Name: Muhammad Rameez

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2020	Design of Machine Elements	2	51	58	21									
	Final Year Project II	2	57	73	73	73		73		73	73	73	73	73
	Mechanical Vibrations	2	87	73										
	Numerical Analysis and Computation	3		80	89		67							
	Pakistan Studies	2						78						71
	Technical English	2										84		
FALL-2021	Data Structures and Object Oriented Programming	2	87	52	84									
	Data Structures and Object Oriented Programming Lab	1	85	93	87									
	Electronic Circuits Design	3	85	71	81									
	Electronic Circuits Design Lab	1				66					53			
	Engineering Draw ing	2	92		79	86	76					75		
	Ethics	2								84				77
	Solid Modeling and Manufacturing Processes	1			83		93					88		
SPRING-2019	Actuating Systems	3	86	59	44									
	Actuating Systems Lab	1		92							66			
	Complex Variables and Transforms	3	67		61									
	Digital Logic Design	3	78	80	84									
	Digital Logic Design Lab	1				74	63				64			
	Instrumentation and Measurement Systems	3	71	80										
	Instrumentation and Measurement Systems Lab	1		64		59					81			
	Mechanics of Materials	2	71	45										
	Mechanics of Materials Lab	1				61					63			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170638 Name: Muhammad Rameez

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2020	Final Year Project I	1	75	75	75	75		75		75	75	75	75	75
	Fluid Mechanics	2	79	87										
	Fluid Mechanics Lab	1				87					77			
	Mechatronic Systems Design	2			90	25							84	
	Mechatronic Systems Design Lab	2					63				88	78		
	Modeling and Simulation in Mechatronics	3	94	76				92						
	Probability and Random Variables	3	73	53		95								
	Robotics	3	70	88										
	Robotics Lab	1					52				61			
SPRING-2021	Electronics Devices and Circuits	3	89	93	76									
	Electronics Devices and Circuits Lab	1				74					70			
	Energy and Society	2	96	87										
	Engineering Economics	3	62	90										
	Engineering Management and Entrepreneurship	2								89				
	Final Year Project III	3	67	67	75	75	83	83	83	83	83	83	83	83
	Manufacturing Automation	2	66	95	85									
	Manufacturing Automation Lab	1		81			84				82			
	Power Electronics	3	74	71	70									
SUMMER-2018	Differential Equations	3	81	62										
	Engineering Statics	3	94	0										
Total PLO Attainment:			7336	7247	4379	2059	2502	626	249	1192	2708	1344	638	926
Total Credit Hour:			95	99	61	28	31	8	3	14	37	17	8	12
CPLO Attainment:			77	73	72	74	81	78	83	85	73	79	80	77

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170646 Name: Iqra Asghar

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		62		50					71			
	Mechanics of Materials	2	70	60										
	Mechanics of Materials Lab	1				63					54			
SPRING-2020	Final Year Project I	1	57	57	57	57		57		57	57	57	57	57
	Fluid Mechanics	2	81	77										
	Fluid Mechanics Lab	1				81					88			
	Mechatronic Systems Design	2			90	68							74	
	Mechatronic Systems Design Lab	2					78				85	100		
	Modeling and Simulation in Mechatronics	3	100	85			89							
	Probability and Random Variables	3	62	80		97								
	Robotics	3	70	90										
	Robotics Lab	1					84				72			
	SPRING-2021	Energy and Society	2	90	84									
Engineering Economics		3	55	99										
Engineering Management and Entrepreneurship		2								94				
Engineering Statics		3	67	62										
Final Year Project III		3	83	83	100	100	100	100	100	100	100	100	100	100
Manufacturing Automation		2	85	93	95									
Manufacturing Automation Lab		1		79			91				74			
Power Electronics		3	97	94	79									
Total PLO Attainment:			8233	7713	5068	1748	2665	725	300	1079	2943	1666	878	1099
Total Credit House:			102	101	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			81	76	82	83	81	91	100	90	80	88	80	92

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170649 Name: Muhammad Ahmad

PLO Name			PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		71		52					50			
	Mechanics of Materials	2	78	35										
	Mechanics of Materials Lab	1				68					54			
SPRING-2020	Final Year Project I	1	58	58	58	58		58		58	58	58	58	58
	Fluid Mechanics	2	76	90										
	Fluid Mechanics Lab	1				78					94			
	Mechatronic Systems Design	2			83	73							63	
	Mechatronic Systems Design Lab	2					72				86	100		
	Modeling and Simulation in Mechatronics	3	75	85			96							
	Probability and Random Variables	3	88	70		92								
	Robotics	3	66	85										
	Robotics Lab	1					85				66			
	SPRING-2021	Energy and Society	2	61	57									
Engineering Economics		3	51	78										
Engineering Management and Entrepreneurship		2								87				
Final Year Project III		3	83	83	100	100	100	100	100	100	100	100	100	100
Manufacturing Automation		2	85	79	80									
Manufacturing Automation Lab		1		79			86				82			
Power Electronics		3	81	64	54									
Total PLO Attainment:			7325	6839	4518	1677	2461	656	300	1048	2919	1577	849	1000
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			74	70	73	80	75	82	100	87	79	83	77	83

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170652 Name: Talha Ahmad

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Instrumentation and Measurement Systems Lab	1		64		96					84			
	Mechanics of Materials	2	100	98										
	Mechanics of Materials Lab	1				85				75				
SPRING-2020	Final Year Project I	1	83	83	83	83		83		83	83	83	83	83
	Fluid Mechanics	2	100	100										
	Fluid Mechanics Lab	1				81				70				
	Mechatronic Systems Design	2			96	86							97	
	Mechatronic Systems Design Lab	2					83			88	66			
	Modeling and Simulation in Mechatronics	3	94	81			95							
	Probability and Random Variables	3	65	68		97								
	Robotics	3	75	98										
	Robotics Lab	1					96				100			
	SPRING-2021	Energy and Society	2	100	100									
Engineering Economics		3	71	100										
Engineering Management and Entrepreneurship		2								90				
Final Year Project III		3	67	67	75	75	83	83	83	83	83	83	83	83
Manufacturing Automation		2	97	97	100									
Manufacturing Automation Lab		1		91			100				86			
Power Electronics		3	100	100	94									
Total PLO Attainment:			8921	8893	5611	1798	2774	578	249	1014	2976	1641	873	952
Total Credit Hourse:			99	98	62	21	33	8	3	12	37	19	11	12
CPLO Attainment:			90	91	91	86	84	72	83	85	80	86	79	79

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170743 Name: Haseeb Ahmad

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12		
Semester	Subject	Cr. Hrs														
FALL-2017	Calculus I	3	68	93												
	Communication Skills	3		50								50	71	64		64
	Electric Circuit Analysis	4	40	63					57							
	Islamic Studies	2								87					70	
	Pakistan Studies	2						61	83							
	Physics	4	56	51							74					
FALL-2018	Electronic Circuits Design	3	90	61	50											
	Electronic Circuits Design Lab	1				86					63					
	Multivariable Calculus	3	62	59												
	Workshop Practice	2	79							83	76					
FALL-2019	Fundamentals of Thermal Sciences	3	60	70	57											
	Fundamentals of Thermal Sciences Lab	1					82					61	53			
	Microcontroller and Embedded Systems	2	48	28	57											
	Microcontroller and Embedded Systems Lab	2				73	69					64				
	Path Planing for Mobile Robots	3			60	87			93					50		
	Signals and System	2	61	61												
FALL-2020	Control Systems	3	57	75	67											
	Control Systems Lab	1					73					50				
	Engineering Draw ing	2	77			98	80	75								
	Engineering Dynamics	3	66	68												
	Mechanical Vibrations	2	90	70												
	Numerical Analysis and Computation	3			76	73			50							

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170743 Name: Haseeb Ahmad

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12	
Semester	Subject	Cr. Hrs													
FALL-2020	Technical English	2												51	
FALL-2021	Data Structures and Object Oriented Programming	2	66	33	40										
	Data Structures and Object Oriented Programming Lab	1	69	54	79										
	Design of Machine Elements	2	70	61	79										
	Final Year Project II	2	75	75	75	75	75	75	75	75	75	75	75	75	
	Solid Modeling and Manufacturing Processes	1			61		86					78			
	Theory of Machines	2	82	72											
	Theory of Machines Lab	1					75					94			
SPRING-2018	Differential Equations	3	49	46											
	Ethics	2				59					50				
	Multivariable Calculus	3	40	31											
	Technical Writing	2				90					65	74			
SPRING-2019	Actuating Systems	3	53	50	50										
	Actuating Systems Lab	1				77					76				
	Digital Logic Design	3	84	63	35										
	Digital Logic Design Lab	1					69	78							
	Instrumentation and Measurement Systems	3	76	89											
	Instrumentation and Measurement Systems Lab	1			86	77					78				
SPRING-2020	Fluid Mechanics	2	73	73											
	Fluid Mechanics Lab	1					76					72			
	Mechatronic Systems Design	2				92	100								
	Mechatronic Systems Design Lab	2						94				90	57		

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170743 **Name:** Haseeb Ahmad

Semester	Subject	PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
		Cr. Hrs												
	Total PLO Attainment:		7127	7660	3895	1911	2303	672	450	1206	2903	1186	821	996
	Total Credit Hourse:		103	111	57	23	30	8	5	15	41	18	10	13
	CPLO Attainment:		69	69	68	83	77	84	90	80	71	66	82	77

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170789 Name: Ali Shan

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12		
Semester	Subject	Cr. Hrs														
FALL-2017	Calculus I	3	71	81												
	Communication Skills	3		88							75	50	59			
	Electric Circuit Analysis	4	50	61					77							
	Islamic Studies	2									59				79	
	Physics	4	60	77									50			
FALL-2018	Data Structures and Object Oriented Programming	3	58	28	59			7								
	Electronic Circuits Design	3	57	44	61											
	Electronic Circuits Design Lab	1					59									
	Engineering Dynamics	3	61	59												
	Solid Modeling and Manufacturing Processes	1				56			73							
	Workshop Practice	2	44							45	29					
FALL-2019	Digital Logic Design Laboratory	1			84	63	93	50								
	Fundamentals of Thermal Sciences	3	23	54	36											
	Fundamentals of Thermal Sciences Lab	1					30									
	Path Planing for Mobile Robots	3			52	54			65							
	Signals and System	2	50	39												
	Technical Report Writing	2				54										
	Theory of Machines	2	43	66												
FALL-2020	Theory of Machines Lab	1					57									
	Control Systems	3	59	23	45											
	Control Systems Lab	1					32									
	Mechanical Vibrations	2	60	39												

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170789 Name: Ali Shan

PLO Name		PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs											
SPRING-2020	Robotics Lab					51				38			
SPRING-2021	Engineering Economics	82	71										
	Final Year Project I	50	50	50	50	50	50		50	50	50	50	50
	Manufacturing Automation	86	79	58									
	Manufacturing Automation Lab		86			81				76			
	Mechanics of Materials	12	22										
	Mechanics of Materials Lab				32					76			
	Power Electronics	65	54	43									
SPRING-2022	Complex Variables and Transforms	50	50										
	Energy and Society	53						50					
	Engineering Management & Entrepreneurship	70	50	67								87	
	Instrumentation and Measurement Systems	59	27										
	Instrumentation and Measurement Systems Lab				67	55				61			
	Mechatronic Systems Design			52	50							52	
	Mechatronic Systems Design Lab					70				50	50		
SUMMER-2019	Differential Equations	66	64										
Total PLO Attainment:		5668	5379	2882	912	1866	150	200	583	1679	1018	578	705
Total Credit House:		94	96	54	17	36	3	4	10	36	17	10	12
CPLO Attainment:		60	56	53	54	52	50	50	58	47	60	58	59

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170792 Name: Muhammad Bilal Javaid

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12		
Semester	Subject	Cr. Hrs														
FALL-2017	Calculus I	3	46	67												
	Communication Skills	3		50								81	73	72		83
	Electric Circuit Analysis	4	50	50					53							
	Islamic Studies	2								63					68	
	Pakistan Studies	2						80	71							
	Physics	4	50	79							73					
FALL-2018	Data Structures and Object Oriented Programming	3	83	75	70				57					50	50	67
	Electronic Circuits Design	3	53	40	61											
	Electronic Circuits Design Lab	1					80					71				
	Engineering Dynamics	3	68	60												
	Multivariable Calculus	3	55	34												
	Solid Modeling and Manufacturing Processes	1				82			50						43	
	Workshop Practice	2	50							75	50					
FALL-2019	Fundamentals of Thermal Sciences	3	47	79	50											
	Fundamentals of Thermal Sciences Lab	1					75					53	59			
	Microcontroller and Embedded Systems	2	39	31	58											
	Microcontroller and Embedded Systems Lab	2					91	79								
	Path Planing for Mobile Robots	3			57	95			90							
	Signals and System	2	42	63												
	Theory of Machines	2	52	69												
	Theory of Machines Lab	1						88					75			
FALL-2020	Control Systems	3	72	74	78											

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170792 Name: Muhammad Bilal Javaid

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2020	Control Systems Lab	1					83				93			
	Design of Machine Elements	2	24	52	43									
	Final Year Project II	2	63	87	87	87		87		87	87	87	87	87
	Mechanical Vibrations	2	94	73										
	Numerical Analysis and Computation	3		64	81		67							
	Technical English	2										65		
	Technical Writing	2										67		
SPRING-2018	Computer Programming	3	50	80	57		59							
	Electronics Devices and Circuits	3	74	61	77									
	Electronics Devices and Circuits Lab	1	60							57				
	Engineering Draw ing	2	45		34		59							
	Ethics	2			71					79				78
SPRING-2019	Actuating Systems	3	65	69	34									
	Actuating Systems Lab	1		51						71				
	Complex Variables and Transforms	3	60		61									
	Digital Logic Design	3	62	65	31									
	Digital Logic Design Lab	1				45	72			44				
	Instrumentation and Measurement Systems	3	58	67										
	Instrumentation and Measurement Systems Lab	1		71		60				71				
	Mechanics of Materials	2	61	23										
	Mechanics of Materials Lab	1				64				63				
	SPRING-2020	Final Year Project I	1	94	94	94	94		94		94	94	94	94

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170792 Name: Muhammad Bilal Javaid

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12			
Semester	Subject	Cr. Hrs															
SPRING-2020	Fluid Mechanics	2	71	87													
	Fluid Mechanics Lab	1			76								73				
	Mechatronic Systems Design	2			75	68						76					
	Mechatronic Systems Design Lab	2						87						98	73		
	Modeling and Simulation in Mechatronics	3	67	67				88									
	Probability and Random Variables	3	77	50	86												
	Robotics	3	73	83													
	Robotics Lab	1			80								73				
SPRING-2021	Energy and Society	2	86	91													
	Engineering Economics	3	92	60													
	Engineering Management and Entrepreneurship	2								91							
	Final Year Project III	3	83	83	100	100	100	100	100	100	100	100	100	100			
	Manufacturing Automation	2	79	74	93												
	Manufacturing Automation Lab	1	69		86								67				
	Materials and Manufacturing Processes	3	62	82													
	Power Electronics	3	78	76	77												
SUMMER-2018	Differential Equations	3	59	80													
	Engineering Statics	3	82	70													
Total PLO Attainment:			6364	6634	3960	1632	2416	728	300	1411	2814	1446	921	1109			
Total Credit Hour:			100	101	58	20	33	8	3	17	39	20	11	13			
CPLO Attainment:			64	66	68	82	73	91	100	83	72	72	84	85			

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170849 Name: Muhammad Hamza

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12		
Semester	Subject	Cr. Hrs														
FALL-2017	Calculus I	3	58	76												
	Communication Skills	3		88								88	73	50		83
	Electric Circuit Analysis	4	68	55					64							
	Islamic Studies	2								85					93	
	Pakistan Studies	2						85	50							
	Physics	4	53	94							63					
FALL-2018	Data Structures and Object Oriented Programming	3	53	14	56			29					63	100	67	
	Electronic Circuits Design	3	22	20	56											
	Electronic Circuits Design Lab	1					58						47			
	Engineering Dynamics	3	53	60												
	Multivariable Calculus	3	60	30												
	Solid Modeling and Manufacturing Processes	1				44			50						50	
	Workshop Practice	2	24							72	29					
FALL-2019	Fundamentals of Thermal Sciences	3	47	53	35											
	Fundamentals of Thermal Sciences Lab	1					28					55	0			
	Microcontroller and Embedded Systems Lab	2					51	69						65		
	Path Planing for Mobile Robots	3			62	56			74						50	
	Signals and System	2	51	47												
	Technical Report Writing	2				49								46	0	
	Theory of Machines	2	50	71												
	Theory of Machines Lab	1						50						75		
FALL-2020	Control Systems	3	72	63	55											

ClassWise Cumulative PLO's Attainment Report

Class Name: BEMTS-F-17-B-432

RegID: 170849 Name: Muhammad Hamza

		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
FALL-2020	Control Systems Lab	1					68				80			
	Design of Machine Elements	2	39	18	14									
	Final Year Project II	2	66	94	94	94		94		94	94	94	94	94
	Mechanical Vibrations	2	68	59										
	Microcontroller and Embedded Systems	2	72	51	61									
	Numerical Analysis and Computation	3		71	54		67							
	Technical English	2										70		
FALL-2021	Electronic Circuits Design	3	75	71	67									
	Engineering Economics	3		50				19					69	
	Technical Report Writing	2									87			
SPRING-2018	Computer Programming	3	39	63	57		31							
	Electronics Devices and Circuits	3	50	66	60									
	Electronics Devices and Circuits Lab	1	50							50				
	Engineering Draw ing	2	24		35		42							
	Ethics	2			83					89				93
SPRING-2019	Actuating Systems	3	50	63	79									
	Actuating Systems Lab	1		64						61				
	Complex Variables and Transforms	3	46		39									
	Digital Logic Design	3	56	68	68									
	Digital Logic Design Lab	1				62	83			75				
	Instrumentation and Measurement Systems	3	53	50										
	Instrumentation and Measurement Systems Lab	1		48		47				46				

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		PLO Name	PLO-01	PLO-02	PLO-03	PLO-04	PLO-05	PLO-06	PLO-07	PLO-08	PLO-09	PLO-10	PLO-11	PLO-12
Semester	Subject	Cr. Hrs												
SPRING-2019	Mechanics of Materials Lab	1				41					50			
SPRING-2020	Final Year Project I	1	99	99	99	99		99		99	99	99	99	99
	Fluid Mechanics	2	98	91										
	Fluid Mechanics Lab	1				57				64				
	Materials and Manufacturing Processes	3	66		50									
	Mechanics of Materials	2	47	54										
	Mechatronic Systems Design	2			88	61							71	
	Mechatronic Systems Design Lab	2					61			60	62			
	Modeling and Simulation in Mechatronics	3	84	84			89							
SPRING-2021	Energy and Society	2	77	61										
	Engineering Management and Entrepreneurship	2								93				
	Final Year Project III	3	100	83	100	100	100	100	100	100	100	100	100	100
	Manufacturing Automation	2	81	81	88									
	Manufacturing Automation Lab	1		74			65			72				
	Power Electronics	3	82	77	73									
	Robotics	3	70	62										
	Robotics Lab	1					98			100				
SPRING-2022	Technical Report Writing	2										69		
SUMMER-2018	Differential Equations	3	50	50										
	Engineering Statics	3	14	81										
Total PLO Attainment:			5627	6350	3882	1154	2134	814	300	1451	2658	1755	1137	1208
Total Credit House:			97	101	63	17	33	11	3	17	39	24	14	15
CPLO Attainment:			58	63	62	68	65	74	100	85	68	73	81	81

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