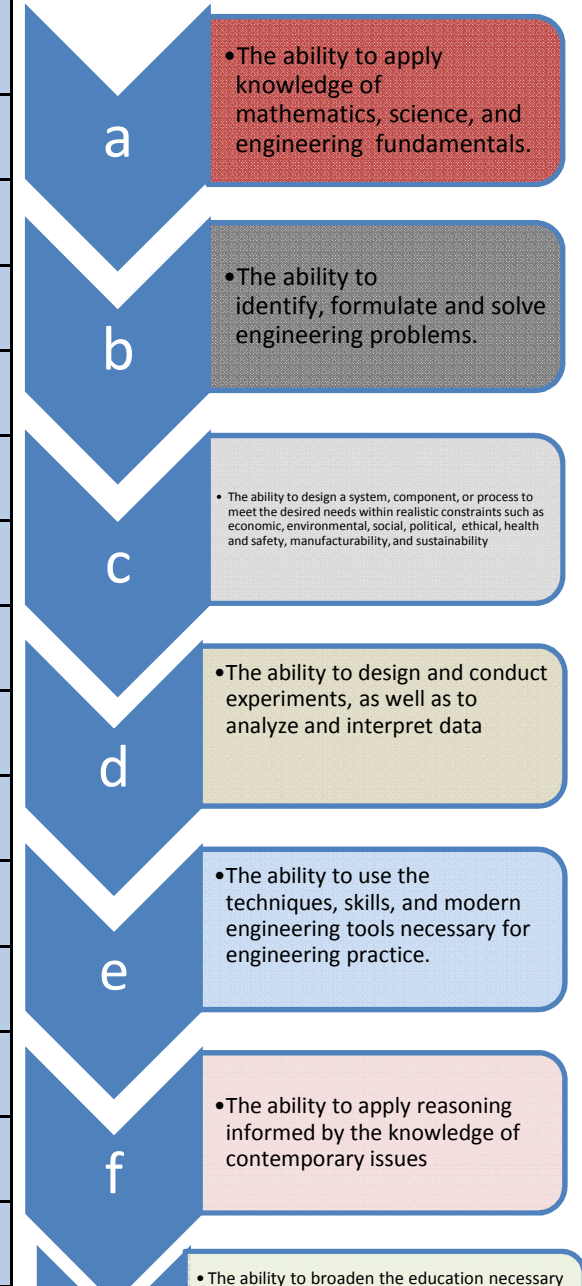
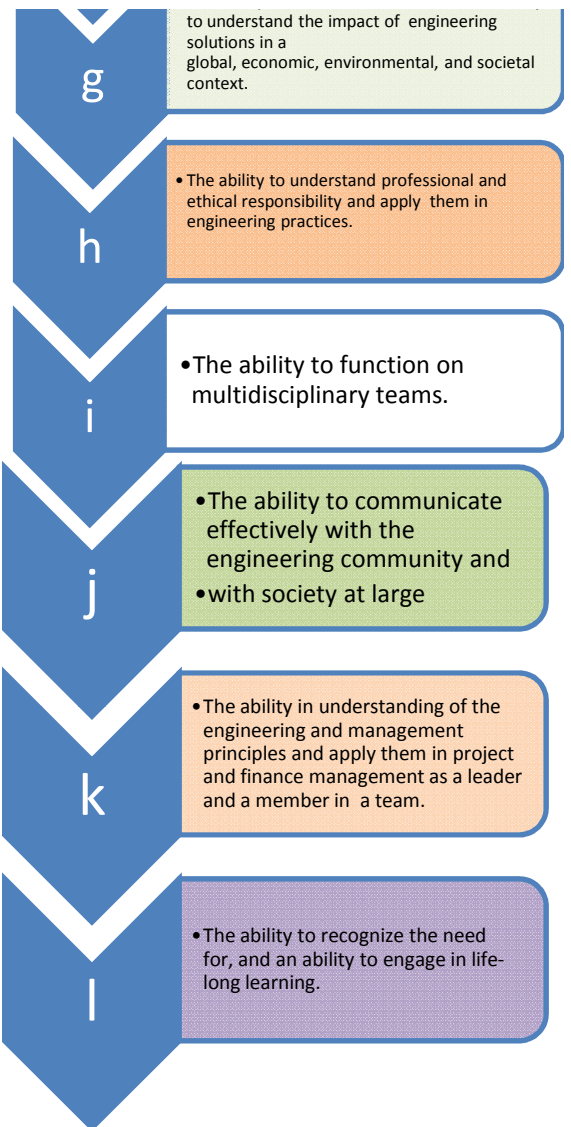


BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
B.Tech MECHANICAL ENGINEERING
CURRICULUM VS PO MAPPING

Sl. No	Semester	Subject Code	Subject Name	a	b	c	d	e	f	g	h	i	j	k	l
				1	BEN101	English-I	X		X	X	X				
2	BMA101	Mathematics –I	X	X			X			X					
3	BPH 101	Engineering Physics – I	X		X								X		X
4	BCH101	Engineering Chemistry – I	X		X	X				X					
5	BCS101	Fundamentals of Computing and	X		X	X				X					
6	BSS101	Personality Development		X	X						X	X	X	X	
7	BBT 102	Biology for Engineers	X	X	X				X			X	X		
8	BCE101	Basic Civil Engineering	X	X				X	X	X			X		
9	BME101	Engineering Graphics-E	X	X							X	X	X		
10	BCM1L1	Basic Civil and Mechanical	X	X	X	X									X
11	BPC1L1	Physics and Chemistry Laboratory		X									X	X	
12	BSSIL4	NCC									X				
13	BSSIL5	NSS									X				
14	BSSIL6	NSO									X				



15	II	BEN 201	English-II			X					X		X		
16		BMA201	Mathematics- II	X	X				X						
17		BPH 201	Engineering Physics – II	X		X	X								
18		BCH201	Engineering Chemistry – II	X	X			X		X		X			
19		BFR201	French	X		X					X	X			
20		BGM201	German	X		X					X	X			
21		BJP201	Japanese	X		X					X	X			
22		BKR201	Korean	X		X					X	X			
23		BCN201	Chinese	X		X					X	X			
24		BTM201	Tamil	X		X					X	X			
25		BME202	Engineering Mechanics	X	X		X		X	X			X	X	
26		BEE201	Basic Electrical and Electronics Engineering		X							X			
27		BCS2L2	Computer Practices Lab	X	X		X		X	X			X	X	X
28		BEE2L1	Electronics Engineering Practices		X									X	
29		BPC2L1	Physics and Chemistry Laboratory		X								X	X	
30		BSS2L7	Yoga								X				
31	III	BMA301	Mathematics III	X	X				X						



49		BME502	Thermal Engineering II	X						X		X		
50		BME503	Fluid Power Systems	X	X								X	X
51		BME504	Automobile Engineering	X	X								X	X
52		BME505	Manufacturing Technology –II	X		X								X
53		BME5L1	Thermal Engineering Lab	X	X							X		
54		BME5L2	Manufacturing Technology Lab-II	X	X							X		
		BME5L3	Instrumentation and Dynamics lab	X	X							X		
55		BME5C	Comprehension I											
56	VI	BME601	Machine Design II	X	X								X	X
57		BME602	Finite element analysis	X										
58		BME603	Heat and Mass Transfer	X										
59		BME604	CAD/CAM	X	X	X	X		X					
60		BSS601	Value Education and Professional Ethics			X		X			X			
61		BME6L1	Heat Transfer Lab	X		X	X	X						
62		BME6L2	CAD/CAM Lab	X		X	X	X						
63		BME6L3	Technical Seminar -II	X		X	X	X		X				X
64	VII	BME701	Industrial Engineering			X	X			X		X		X

65		BME702	Operations Research for Engineers	X	X						X	X			X
66		BMT7L1	Fluid Power Automation Lab &	X		X	X	X							
67		BME7L1	Computer Aided Analysis and	X		X	X	X							
	VIII	BME8C	Comprehension II	X		X	X	X		X					X
68		BME8P1	Project work	X		X	X	X		X		X			X
69	CORE ELECT	BME001	Advanced Internal Combustion Engines			X	X				X	X			X
70	IVE I	BME002	Special Casting Process			X	X			X	X	X			X
71		BME003	Mechanical Vibrations	X		X	X			X	X	X			
72		BME004	Plant layout and Material Handling	X		X									
73	CORE ELECT	BME005	Design of Heat Exchangers	X		X						X			
74	IVE II	BME006	Combustion Engineering	X		X									
75		BME007	Composite materials and Technology	X		X	X	X		X					X
76		BME008	Mechanics of Fracture	X		X	X								
77	CORE ELECT	BME009	Design for Manufacturing	X	X									X	X
78	IVE III	BME010	Advanced Turbo Machines	X	X									X	X
79		BME011	Process planning and cost Estimation	X			X			X		X		X	X
80		BME012	Jigs, Fixtures and Press tools	X		X						X			X

81	NON MAJOR	BGE001	Vibration Control and Condition Monitoring	X		X						X			X	
82	R ELECTIVE I	BGE002	Wind and Solar Energy	X		X						X				
83		BGE003	New and Renewable Sources of Energy						X			X	X	X		
84		BGE 004	Electronics for Mechanical systems	X	X	X					X					X
85		NON MAJOR	BGE005	Industrial Robotics			X		X							X
86	R ELECTIVE II	BGE006	Power Plant Engineering	X		X						X				
87		BGE007	Gas Dynamics and Space Propulsion	X		X			X			X				
88		BBA008	Total Quality Management						X			X				
89		NON MAJOR	BGE009	Nuclear Engineering			X		X							X
90	R ELECTIVE III	BGE010	Rapid prototyping	X		X						X			X	
91		BGE011	Computational Fluid Dynamics			X		X							X	
92		BGE012	MEMS & Nanotechnology			X		X								X
93		OPEN ELECTIVE I	BBA001	Principles of Management and			X	X			X		X			X
94	IVE I	BBA002	Entrepreneurship Development							X			X		X	
95		BBA003	Marketing Management							X			X		X	
96		OPEN ELECTIVE II	BBA004	Engineering Economics and							X			X		X
97		BBA005	Energy Engineering and Management			X		X	X							

98	BBA006	Indian Constitution and Society			X		X	X							
99	BBA007	Engineering Economics and Cost	X	X		X				X				X	

71 33 56 26 23 13 22 21 34 16 21 39 375

