

**Direct PO /PSO Attainment for the batch 2020-24**

S. No	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	ETMA-101	3	3	2.5	2	1	-	-	-	-	-	-	1	2	2	-
2	ETPH-103	3	2.75	1.75	1.5	1.25	2	1.5	-	-	-	-	2.5	1.67	1.67	1.5
3	ETME-105	3	-	-	-	1	1	-	-	1	1	1	2	2	1	2
4	ETEE-107	3	3	3	3	3	1	1	1	1	1	1	2	1	1	1
5	ETHS-109	-	-	-	-	-	3	-	3	1	1	-	1	1	-	3
6	ETCS-111	3	2.25	2.5	1.5	2	1.5	-	-	2	1.75	-	3	1.75	1	2
7	ETCH-113	3	2.75	2.75	2.25	2	2.75	2.75	1.25	1.5	-	1.5	2.75	1	3	-
8	ETPH-151	3	3	2.34	2.25	2.75	1.75	2.25	-	3	-	-	3	2	2	2.25
9	ETEE-153	3	2.5	2.25	2.25	1	2.5	2.75	-	1.5	2	-	3	2.75	2	1.34
10	ETME-155	2	1	2	2.25	3	1.5	-	-	-	-	-	2	2.75	2.25	1.25
11	ETME-157	3	3	3	2	-	1	-	-	2	3	-	3	3	2	2
12	ETCS-157	3	2.25	3	2	2.5	2	-	-	2.25	2	1	3	3	2.5	2.5
13	ETCH-161	2.75	2.75	2.5	2.75	2.25	2.5	2.75	1.25	2.75	-	2	2.75	-	-	-
14	ETMA-102	3	3	3	3	2	-	-	-	-	-	-	1	2.75	2.75	-
15	ETPH-104	3	3	1.75	1.75	1.25	1	1.25	-	-	-	-	2	2.75	2	2
16	ETEC-106	2	2	2.25	2	1	-	-	1	2	2	2	2	2.5	2.75	1
17	ETCS-108	3	2.75	2.75	2.5	1	1	1	-	1.5	1.5	1.25	3	1.75	1.75	1.5
18	ETME-110	3	2	-	1	1	1	-	-	1	2	1	2	-	-	1
19	ETHS-112	-	-	-	-	-	-	-	-	3	3	-	3	-	1	3
20	ETEN-114	1.75	2.75	2.5	2	2	3	3	3	2.75	2	2	3	3	2	3
21	ETPH-152	3	2.75	2.25	1.5	2.5	2.5	2.5	-	2.75	-	-	2.75	3	2.75	2
22	ETCS-154	3	2.25	3	2.75	2.75	3	2.5	2	2.25	2.5	2.5	2.75	1.75	1.25	1.25
23	ETEC-156	2	2	2.25	2	1	-	-	1	2	2	2	2	2.25	2	1.75
24	ETME-158	3	3	-	-	2	-	-	3	3	3	-	3	-	-	1
25	ETEN-160	3	2.75	2.34	2.34	2.34	1.75	2.25	1.5	2	1.5	1.75	2.5	2.5	2.67	2.67
26	ETMA-201	3	3	2	1	3	1	-	-	1	-	-	2	3	3	2
27	ETEC-203	3	3	1.25	2.75	1	1	-	1.25	1	2.5	1	3	3	3	1.25
28	ETEC-205	2	2.75	1.75	2	1.75	2	-	3	3	2.5	1.5	2.5	3	3	2
29	ETEC-207	2.5	2.5	1.75	2.75	1.67	2	1.5	1	1.5	1.75	1.5	2.25	3	2.5	1.75
30	ETCS-209	2	2.4	-	2	2	-	2	-	-	1.4	3	2	2.2	2.2	1.8
31	ETEC-211	3	2.25	2	2	2.5	2	2	3	1.67	2	1.33	2.75	3	2.25	2
32	ETEC-251	2.4	2.4	1	2.2	0.82	0.82	-	1	0.8	1.8	0.8	2.4	2.4	2.4	1
33	ETEC-253	2	3	3	3	3	3	2	3	3	3	2.25	2.25	3	3	2
34	ETCS-255	2.5	2.5	2.25	2.75	2.75	2.67	2.5	2	3	3	2.25	3	3	2.75	2
35	ETEC-257	2.25	2.5	2.25	3	2.75	2.67	1.25	2	3	3	2.25	3	3	2.75	1.75
36	ETEC-259	3	2.25	2	2	2.5	2	2	3	1.67	2	1.33	2.75	3	2.25	2
37	ETMA-202	3	3	2	1	3	1	-	-	1	-	-	2	3	3	2
38	ETEC-204	3	3	1.25	2.75	1	1	1.5	1.25	1	2.25	1	3	2.75	2.25	2.75
39	ETCS-204	1.4	1.4	1	-	-	-	-	-	-	-	-	2	2.8	3	3
40	ETEC-206	3	2.75	2.25	2.75	2.75	1	1	2	1	1	2.5	1	2.75	2.5	1
41	ETEE-210	2.87	2.87	1.91	2.39	2.68	1.62	1.43	1.43	2.39	2.39	2.15	2.39	2.15	2.15	1.43
42	ETEC-212	2.26	2.26	0.94	2.08	0.75	0.75	1.13	0.94	0.75	1.7	0.75	2.26	2.26	2.26	0.94
43	ETSS-250	-	-	-	-	-	-	3	3	3	-	-	-	-	-	-
44	ETMA-252	2.97	2.97	2.97	0.99	2.97	1.98	-	-	0.99	-	-	1.98	2.97	2.97	1.98

45	ETEC-254	1.6	2.4	2.4	2.4	2.4	2.4	1.6	2.4	2.4	2.4	1.8	1.8	2.4	2.4	1.6
46	ETEC-256	1.4	1.4	1.2	1.4	1.4	0.4	0.8	0.6	1.8	2.2	1.2	1.6	2.4	2.4	1
47	ETEC-258	2.75	2.25	1.75	2.75	2.75	1.75	1.75	1.75	2	1.25	2.75	2	2.75	1.75	1.75
48	ETCS-260	1	1.8	2	3	3	-	-	-	-	1	-	1	2.5	2	1.25
49	ETHS-301	1	2.5	2.25	1	1	-	-	-	1	-	1	2	1	1	3
50	ETEC-303	1.7	1.6	1.6	1.5	1.8	1.8	1.8	1.8	1.3	1.7	1.5	1.6	1.6	1.6	1.6
51	ETEC-305	1.3	1.3	1.2	1.3	1.2	1	1	1	1.3	1.2	1.3	1.2	1.3	1.3	1.3
52	ETEL-307	2.5	2.4	2.4	2.6	2.6	2.5	2.5	-	2.5	2.5	-	2.4	2.5	2.5	2.5
53	ETEC-309	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	2.2	1.8	1.9	1.9	1.8	1.8	1.8
54	ETMS 311	3	2.8	1.7	3	2	1.7	2.3	1.3	1.5	2	2.8	2.8	2.3	2.8	2
55	ETHS-351	1	2.5	2.25	1	1	-	-	-	-	-	1	2	3	3	1
56	ETEC-351	2.3	2.2	2.3	2.3	2.2	2.3	2	-	2.3	2.2	2.1	2.3	1.8	1.8	1.8
57	ETEL-355	2.7	2.7	2.7	2.6	-	2.7	2.7	-	2.6	2.7	-	2.7	2.1	2.1	2.2
58	ETEC-355	2.7	2.7	2.7	2.7	2.7	-	-	-	3	2.8	2.7	2.7	2	2	2.2
59	ETEC-357	3	3	3	3	3	3	-	-	3	3	3	3	2.4	2.4	2.4
60	ETEC-359	3	3	3	3	3	-	-	-	3	3	3	3	2.4	2.4	2.4
61	ETEC-302	1.8	1.8	1.8	1.7	1.34	1.9	1.8	1.3	1.7	1.7	1.7	1.8	1.8	1.8	1.7
62	ETEC-304	2.3	2.3	2.3	2.3	2.4	2.3	-	2.3	-	2.2	-	2.3	2.3	2.2	2.1
63	ETEC-306	3	3	3	3	3	-	-	-	-	3	-	3	3	3	3
64	ETEC-308	2.6	2.6	2.5	2.6	-	2.6	2.5	2.5	2.6	2.6	2.6	2.6	2.5	2.6	2.5
65	ETEC-310	2	1.5	1.25	1.25	1.25	1	1	1	-	0.5	0.75	2	1.6	1.67	1.6
66	ETEC-314	2.3	2.3	2.4	2.3	-	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3
67	ETEC-352	3	3	2	3	3	2	1	1	2	2	1	2.75	3	2	2
68	ETEC-354	2.4	2.4	1	2.2	0.8	0.8	-	1	0.8	1.8	0.8	2.4	2.4	2.4	1
69	ETEC-356	3	2.75	2.75	2.5	1.75	1	1	2	2	2	2	2	2.25	2	1
70	ETEC-358	2.25	2.25	2	2	1	1	1.5	1.67	1	2	2	2.25	2	1.67	-
71	ETEC-360	2	3	3	1.5	2.5	3	2.75	3	2.75	2	2.75	2.34	3	2.5	3
72	ETEC-401	1.6	1.7	1.5	1.5	1.5	1.3	1.5	-	1.3	1.7	-	1.7	1.7	1.6	1.4
73	ETEC-403	0.9	0.8	0.8	0.8	1.1	0.8	0.8	0.4	0.8	0.9	0.8	0.8	0.8	0.9	1.1
74	ETEC-405	2.3	2.2	2.3	2.2	2.3	2.1	2.1	1.9	2.3	2.3	2.2	2.3	2.2	2.3	2.2
75	ETEC-419	1.8	1.8	1.8	1.8	1.9	1.8	1.9	-	1.82	1.82	1.9	1.8	1.8	1.8	1.8
76	ETCS-425	1.6	1.6	1.6	1.6	1.6	-	-	-	1.6	1.6	1.6	1.6	1.6	1.3	1.6
77	ETEC-451	3	3	3	3	3	3	3	3	3	3	3	3	2.4	2.4	2.4
78	ETEC-453	1.7	1.5	1.7	1.7	1.7	-	1.7	-	-	1.5	-	1.5	1.2	1.2	1.1
79	ETEC-455	3	3	3	3	3	3	3	-	3	3	3	3	2.4	2.4	2.4
80	ETEC-457	2	2	2	1.75	1.75	1.25	1.34	1	1	1.67	1	2	2.5	2.5	3
81	ETEC-459	3	3	2.75	2.75	2.75	3	3	1	3	2.5	2.5	3	3	3	2.5
82	ETEC-461	3	2.25	2.75	2.5	2.5	2.5	1.75	2.25	2	2.25	1	2.5	3	2.5	3
83	ETEC-404	0.5	0.7	0.6	0.7	0.7	-	0.6	-	-	0.5	0.8	0.6	0.7	0.6	0.6
84	ETEC-406	0.6	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5
85	ETHS 402	1	2.25	2.25	1	1.3	1	1.75	1.25	2	-	-	1.67	1	1.5	3
86	ETIT-402	0.5	0.5	0.5	0.5	0.5	-	-	-	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87	ETEC-428	1.6	1.6	1.6	1.5	1.6	1.5	1.6	1.3	-	1.5	1.5	1.6	1.5	1.6	1.6
88	ETEC-452	2.93	2.68	2.68	2.4	2.44	1.95	2.68	1.95	2.44	2.2	2.93	2.93	2.93	1.95	1.95
89	ETEC-454	2.5	2.5	2.6	2.5	2.6	2.5	2.5	2.4	2.5	2.5	2.5	2.5	2	2	2
90	ETEC-456	3	2.25	2.75	2.5	2.5	2.5	1.75	2.25	2	2.25	1	2.5	3	2.5	3
91	ETEC-460	3	3	2.75	2.75	2.75	3	3	1	3	2.5	2.5	3	3	3	2.5
<b>DIRECT ATTAINMENT</b>		<b>2.38</b>	<b>2.36</b>	<b>2.13</b>	<b>2.10</b>	<b>1.98</b>	<b>1.86</b>	<b>1.89</b>	<b>1.76</b>	<b>1.95</b>	<b>2.00</b>	<b>1.75</b>	<b>2.24</b>	<b>2.26</b>	<b>2.12</b>	<b>1.88</b>

<b>80% OF DIRECT ATTAINMENT</b>	1.91	1.89	1.70	1.68	1.58	1.48	1.51	1.41	1.56	1.60	1.40	1.79	1.81	1.69	1.50
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**Indirect PO Attainment for the batch 2020-24**

Survey		PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO1	PSO2	PSO3
1	Student program exit survey (PES)	2.25	2.35	2.7	2.5	2.5	2.25	2.35	2.35	2.5	2.45	2.5	2.5	3	3	3
2	Employer Feedback (EFB)	2.4	2.5	2.6	2.6	2.6	2.5	2.7	2.6	2.4	2.5	2.5	2.3	2	2	3
3	Alumni Feedback (AFB)	2.5	2.3	2.5	2.6	2.5	2.5	2.6	2.7	2.6	2.6	2.5	2.5	3	3	2
<b>Indirect Attainment = Av. of (PES, EFB, AFB)</b>		2.38	2.38	2.60	2.57	2.53	2.42	2.55	2.55	2.50	2.52	2.50	2.43	2.67	2.67	2.67
<b>20% of Indirect Attainment</b>		0.477	0.477	0.520	0.513	0.507	0.483	0.510	0.510	0.500	0.503	0.500	0.487	0.533	0.533	0.533

**Total PO Attainment for the batch 2020-24**

Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO1	PSO2	PSO3
<b>Direct Attainment</b>	2.38	2.36	2.13	2.10	1.98	1.86	1.89	1.76	1.95	2.00	1.75	2.24	2.26	2.12	1.88
<b>80% of Direct Attainment (A)</b>	1.91	1.89	1.70	1.68	1.58	1.48	1.51	1.41	1.56	1.60	1.40	1.79	1.81	1.69	1.50
<b>Indirect Attainment</b>	2.38	2.38	2.60	2.57	2.53	2.42	2.55	2.55	2.50	2.52	2.50	2.43	2.67	2.67	2.67
<b>20% of Indirect Attainment (B)</b>	0.477	0.477	0.520	0.513	0.507	0.483	0.510	0.510	0.500	0.503	0.500	0.487	0.533	0.533	0.533
<b>Total PO Attainment = A + B</b>	2.38	2.37	2.22	2.19	2.09	1.97	2.02	1.92	2.06	2.11	1.90	2.28	2.34	2.23	2.04