



Criterion 1 – Curricular Aspects

Key Indicator	1.2	Academic Flexibility
Metric	1.2.1	Percentage of new courses introduced of the total number of courses across all programs offered during 2021-22

DOCUMENTS

NOTE: As the supporting documents for this metric exceeds the upload limit of 5MB, appropriate link is provided to PMIST website that has the relevant documents.

List of new courses offered during 2021-22 duly signed by Registrar

1.	Carpentry and Model making workshop	XAR206	2021-22
2.	Site Surveying and Planning	XAR302	2021-22
3.	Housing Justice : A view from Indian Cities	YAR ON05	2021-22
4.	Rethink The City: New Approaches To Global And Local Urban Challenges	YARON06	2021-22
5.	Upgrading Urban Informal Settlements	YARON07	2021-22
6.	Speech Communication	XGS105	2021-22
7.	Technical Communication	XGS204	2021-22
8.	Biology for Engineers	XBT104	2021-22
9.	Speech Communication	XGS105	2021-22
10.	Technical Communication	XGS204	2021-22
11.	Mass Transfer Fundamentals	XBT701C	2021-22
12.	Bioinformatics and Computational Biology	XBT702	2021-22
13.	Cancer Biology	XBT704A	2021-22
14.	Stem cell biotechnology	XBT704B	2021-22
15.	Metabolic Engineering	XBT704C	2021-22
16.	Minor Course – III (1 Credit)	XBTM03	2021-22
17.	Project work	XBT801	2021-22
18.	Minor Course - IV	XBTM04	2021-22
19.	Speech Communication	XGS105	2021-22
20.	Electrical and Electronic Engineering Systems Laboratory	XBE107	2021-22
21.	Technical Communication	XGS204	2021-22

22.	Elective V	XCEE**	2021-22
23.	Elective-VI	XCEE**	2021-22
24.	Elective VII	XCEE**	2021-22
25.	Project Phase – I	XCE705	2021-22
26.	In--plant Training - III	XCE706	2021-22
27.	Elective VIII	XCEE**	2021-22
28.	Project Phase– II:	XCE804	2021-22
29.	Fundamentals of computers	XEC104	2021-22
30.	Speech Communication	XGS105	2021-22
31.	Technical Communication	XGS204	2021-22
32.	Speech Communication	XGS105	2021-22
33.	Programming for Problem Solving Laboratory	XCP107	2021-22
34.	Applied Chemistry Laboratory for Engineers	XAC108	2021-22
35.	Technical Communication	XGS204	2021-22
36.	Basics of Electronic Devices and Circuits.	XEC104	2021-22
37.	C Programming Lab	XCA107	2021-22
38.	Foundation Art	XAM103	2021-22
39.	Introduction to Computer Graphic Design	XAM105	2021-22
40.	Vector Graphics	XAM203	2021-22
41.	Algorithms	XBC303	2021-22
42.	Software Engineering	XBC501	2021-22
43.	Data Base Management System	XBC502	2021-22
44.	Data Warehousing and Data Mining	XBC503	2021-22
45.	Statistics	XBC504	2021-22
46.	Digital Image Processing	XBC505B	2021-22
47.	General Elective	OE***	2021-22
48.	Angular JS	XBC508	2021-22
49.	Cloud Computing	XBC601	2021-22
50.	Web Technologies	XBC602	2021-22
51.	Ethical Hacking	XBC603	2021-22
52.	Internet of Things	XBC604A	2021-22
53.	Software Testing and Quality Assurance	XBC605A	2021-22
54.	Project Work	XBC606	2021-22
55.	Advanced Operating System	YCS101	2021-22
56.	Internet of Things	YCS102	2021-22
57.	Advanced Computer Architecture	YCS103	2021-22
58.	Advanced Database Management System	YCS104	2021-22
59.	Web Technologies	YCS105	2021-22
60.	Virtual and Augmented reality	YCS201	2021-22
61.	Advanced Java Programming	YCS202	2021-22
62.	Machine Learning	YCS203	2021-22
63.	Artificial Intelligence	YCS204C	2021-22
64.	Pervasive Computing	YCS205C	2021-22
65.	Basic English Communication Skills	XGL101	2021-22
66.	Principles of Accountancy	XCN102	2021-22
67.	Business Organization and Management	XCN103	2021-22

68.	Computer Applications in Business	XCN104	2021-22
69.	Indian Economy	XCN105	2021-22
70.	Human Ethics, Values, Rights, and Gender Equality	XUMA106	2021-22
71.	Advanced English Communication Skills	XGL201	2021-22
72.	Environmental Studies	XUMA202	2021-22
73.	Accounting for Business	XCN204	2021-22
74.	Marketing Management	XCN205	2021-22
75.	Computerised Accounting: Tally Prime with GST	XCN206	2021-22
76.	Communication electronics	XPH502A	2021-22
77.	Mathematical Physics	XPH503A	2021-22
78.	Measurement and Instrumentation	XPH504A	2021-22
79.	Measurement and Instrumentation Lab	XPH506A	2021-22
80.	Microprocessor and C programming Lab	XPH506B	2021-22
81.	Laser Physics	XPH603A	2021-22
82.	Nano Material and Applications	XPH603B	2021-22
83.	Power electronics	XPH604A	2021-22
84.	Astronomy and Astrophysics	XPH604B	2021-22
85.	Introduction of Microcontroller	XPH605A	2021-22
86.	Quantum mechanics	XPH605B	2021-22
87.	Mathematical Methods of Physics - I	YPH101	2021-22
88.	Electronics	YPH103	2021-22
89.	Instrumental Methods of Analyses	YPH104C	2021-22
90.	Mathematical Methods of Physics-II	YPH201 -	2021-22
91.	Quantum Mechanics -I	YPH202	2021-22
92.	Microprocessor and Microcontroller	YPH203	2021-22
93.	Digital & Microprocessor Laboratory	YPH205	2021-22
94.	Quantum Mechanics -II	YPH302	2021-22
95.	Micro Electro Mechanical Systems (MEMS)	YPH304A	2021-22
96.	Solar Thermal and Photovoltaic Technology	YPH304B	2021-22
97.	Industrial Electronics	YPH304C	2021-22