Modern Education Society's
Cusrow Wadia Institute of Technology, Pune

Learning and Assessment Scheme for Post S.S.C Diploma Courses Proposed MPECS R23 (Based on National Education Policy 2020)

PROGRAMME NAME: DIPLOMA IN COMPUTER ENGINEERING & IOT

PROGRAMME CODE:CI	**WITH EFFECT FROM ACADEMIC YEAR:** 2023-24
DURATION OF PROGRAMME: 6 SEMESTERS	**DURATION:** 15 WEEKS
SEMESTER: FIRST	**SCHEME:** R23

Sr. No	Course Title		Course Type	Course Code	Total IKS Hrs for Semester	Learning Scheme						Assessment Scheme													
						Contact Hrs./Week			Self-Learning (Term Work + Assignment)	Notional Learning Hrs / Week	Credits	Paper Duration (hrs.)	Theory				Practical (Based on LL & TL)				Based on Self Learning		Total Marks
						CL	TL	LL					FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA		
													Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	
1	BASIC MATHEMATICS		AEC	R23CI1701	6	4	2	-	2	8	4	3	30	70	100	40	-	-	-	-	25	10	125
2	BASIC SCIENCE	BASIC PHYSICS	DSC	R23CI2701	4	2	-	2	1	10	5	1.5 / 3	15*#	70*#	100	40	25	10	25@	10	25	10	250
		ENVIRONMENTAL CHEMISTRY	DSC			2	-	2	1			1.5	15*#				25	10	25@	10	25	10	
3	COMMUNICATION SKILLS (ENGLISH)		AEC	R23CI1702	0	3	-	2	1	6	3	3	30	70	100	40	25	10	-	-	25	10	150
4	ENGINEERING GRAPHICS		DSC	R23CI2201	2	2	-	2	-	4	2		-	-	-	-	25	10	50@	20	-	-	75
5	ENGINEERING WORKSHOP PRACTICE		SEC	R23CI6601	0	-	-	4	-	4	2		-	-	-	-	50	20	50@	20	-	-	100
6	FUNDAMENTALS OF ICT		SEC	R23CI6602	0	2	-	2	2	6	3		-	-	-	-	50	20	25@	10	25	10	100
7	YOGA AND MEDITATION		VEC	R23CI4701	1	-	-	1	1	2	1		-	-	-	-	25	10	-	-	25	10	50
Total					13	15	2	15	8	40	20		90	210	300		225		175		150		850

Abbreviations :

CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment, SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment

Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @$ Internal Online Examination

Note:
1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.
2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.
3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.
4. Notional Learning hours for the semester are (CL+LL+TL+SL) hrs.* 15 Weeks
5. 1 credit is equivalent to 30 Notional hrs.
6. * Self learning hours shall not be reflected in the Time Table.

 Course Category :- 1: Ability Enhancement Course (AEC) , **2**: Discipline Specific Course Core (DSC) , **3**: Discipline Specific Elective (DSE) , **4:** Value Education Course (VEC) , **5:** Internship/Apprentice/Project./Community (INP)
6: Skill Enhancement Course (SEC),**7:** Generic Elective (GE) .

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Cusrow Wadia Institute of Technology, Pune
Learning and Assessment Scheme for Post S.S.C Diploma Courses Revised MPECS R23 (based on National Education Policy 2020)

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PROGRAMME CODE: CI | **WITH EFFECT FROM ACADEMIC YEAR:** 2023-24

DURATION OF PROGRAMME: 6 SEMESTERS | **DURATION:** 15 WEEKS

SEMESTER: SECOND | **SCHEME:** R23

Sr. No	Course Title	Course Type	Course Code	Total IKS Hrs for Semester	Contact Hrs./Week CL	Contact Hrs./Week TL	Contact Hrs./Week LL	Self-Learning (Term Work + Assignment)	Notional Learning Hrs / Week	Credits	Paper Duration (hrs.)	Theory FA-TH Max	Theory SA-TH Max	Theory Total Max	Theory Total Min	Practical FA-PR Max	Practical FA-PR Min	Practical SA-PR Max	Practical SA-PR Min	SLA Max	SLA Min	Total Marks
1	APPLIED MATHEMATICS	AEC	R23CI1703	2	3	1	-	-	4	2	3	30	70	100	40	-	-	-	-	-	-	100
2	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	AEC	R23CI1301	0	4	-	4	2	10	5	1.5	30	70*#	100	40	50	20	50@	20	50	20	250
3	PROGRAMMING IN C	AEC	R23CI1601	0	4	1	4	1	10	5	3	30	70	100	40	50	20	50#	20	25	10	225
4	LINUX BASICS	DSC	R23CI2601	0	2	-	2	-	4	2	-	-	-	-	-	25	10	25@	10	-	-	50
5	WEB PAGE DESIGNING	SEC	R23CI6603		2	-	4	2	8	4	-	-	-	-	-	50	20	50@	20	25	10	125
6	PROFESSIONAL COMMUNICATION	SEC	R23CI6701	0	-	-	2	-	2	1	-	-	-	-	-	25	10	25@	10	-	-	50
7	SOCIAL AND LIFE SKILLS	VEC	R23CI4601		-	-	-	2	2	1	-	-	-	-	-	-	-	-	-	50	20	50
	Total			2	15	2	16	7	40	20		90	210	300		200		200		150		850

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