

# Course Structure Report

## Government Polytechnic, Chhatrapati Sambhaji Nagar

### Learning and Assessment Scheme for Post S.S.C Diploma Courses

**Programme Name:** Diploma in DIPLOMA IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING .

**Programme Code:** AIML

**With Effect From Academic Year:** 2023-24

**Duration Of Program:** 15 WEEKS

**With Effect From Academic Year:** 2023-24

**Semester:** 5

**Revision:** 7

							Learning Scheme					Assesment Scheme												
Sr. No.	Course Code	Course Name	Course Abbr	Course Category	Course Type	IKS Hrs	Actual Contact Hrs./Week			Self Learning Hrs	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	Theory				Based on LL & TL Practical				Based on Self Learning	Total Marks	
							CL	TL	LL					FA-TH	SA-TH	Total	FA-PR	SA-PR	SLA					
							Max	Max	Max					Max	Min	Max	Min	Max	Min					
1	7N104	BIG DATA ANALYTICS	BDA	Compulsory	DSC	--	3	--	2	1	6	3	3	30	70	100	40	25	10	--	--	25	10	150
2	7G305	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY	EES	Compulsory	VEC	--	2	--	--	2	4	2	--	--	--	--	--	--	--	--	--	25	10	25
3	7N105	MACHINE LEARNING	MLG	Compulsory	DSC	--	3	--	2	1	6	3	3	30	70	100	40	25	10	--	--	25	10	150
4	7G505	MANAGEMENT	MGT	Compulsory	AEC	--	2	--	--	2	4	2	2	30	70*#	100	40	--	--	--	--	25	10	125
5	7R605	MOBILE APPLICATION DEVELOPMENT	MAD	Compulsory	SEC	--	2	--	4	2	8	4	--	--	--	--	--	50	20	25@	10	25	10	100
6	7N601	R PROGRAMMING	RPG	Compulsory	SEC	--	--	--	4	--	4	2	--	--	--	--	--	50	20	50@	20	--	--	100
7	7N108	SOFTWARE ENGINEERING AND TESTING	SET	Compulsory	DSC	--	3	--	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175
<b>ELECTIVE COURSE (FROM LIST-B)</b>																								
8	7N203	COMPUTER VISION	CVS	Elective	DSE	--	3	--	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175

9	7R203	DATA SCIENCE	DSM	Elective	DSE	--	3	--	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175
10	7R204	DATA WAREHOUSE AND MINING	DWM	Elective	DSE	--	3	--	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175
				Total:		0	18	0	16	10	44	22		150	350	500		200		125		175		1000
										34														

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

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

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 course.
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.
5. 1 credit is equivalent to 40 Notional Learning hrs for Internship and 30 Notional Learning hrs for all other courses.
6. \* Self learning hours shall not be reflected in the Time Table.
7. Course Category : Discipline Specific Course Core (DSC) : 3, Discipline Specific Elective (DSE) : 3, Value Education Course (VEC) : 1, Intern./Apprenti./Project./Community (INP) : 0, AbilityEnhancement Course (AEC) : 1, Skill Enhancement Course (SEC) : 2, Generic Elective (GE) : 0
8. % EDS Laboratory learning LL will be conducted on holidays in online mode by concerned faculty
9. \* INP - 03 weeks winter vacation + 13 weeks even term duration. Total 16 Weeks
10. last 02 weeks of even semester, students will complete submission/assessment/examination in the institute only

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