MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(Deemed University)
(Declared Under Distinct Category by Ministry of Education, Government of India)
NAAC Accredited with A++ Grade
Department of Computer Science and Engineering

Semester-Wise General Scheme Structure & Important Guidelines for Flexible Curriculum

(Batch admitted in Academic Session 2024-25 onwards)
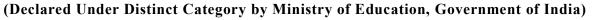
Abbreviations Used

L	Lecture
T	Tutorial
P	Practical
HSMC	Humanities and Social Sciences including Management Courses
BSC	Basic Science Courses
ESC	Engineering Science Courses
DC	Departmental Core
DE	Departmental Elective
SPC	Specialization Courses
OC	Open Category
DLC	Departmental Laboratory Courses
MOOC	Massive Open Online Course
MWS	Mandatory Workshop
SP	Semester Proficiency
SIP	Skill Internship Program
SLP	Self-learning Presentation
PDC	Professional Development Component
PBL	Project Based Learning
PC	Professional Certification
MAC	Mandatory Audit Course
NEC	Novel Engaging Course

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Scheme of Evaluation
B. Tech. I Semester *(Computer Science and Engineering)* (for batch admitted in academic session 2024-25)

S. No.	Course Code	Category Code	Course Name	Theory Block – Continuous Evaluation – Minor Evaluation I	Theory Block – Continuous Evaluation – Minor Evaluation II	Theory Block – Continuous Evaluation – Quiz/Assignment	Theory Block – Major Evaluation	Practical Block – Continuous Evaluation – Lab Work & Sessional	Practical Block – Major Evaluation	Total Marks	L	T	P	Total Credits	Mode of Learning	Mode of Major Exam.	Duration of Major Exam.
1.	15241101	DC	Emerging Technologies in Computer Science	20	20	30	30	-	-	100	3	-	-	3	Face to Face	MCQ	2 Hrs
2.	15241102	ESC	**Computer Programming**	20	20	30	30	-	-	100	2	-	-	2	Face to Face	MCQ	2 Hrs
3.	15241103	DC	Digital Electronics	20	20	30	30	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs
4.	15241104	DC	Cyber World and Security Concern	20	20	30	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs
5.	15241105	BSC	**Engineering Mathematics-I**	20	20	30	30	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs
6.	15241106	DLC	**Computer Programming Lab**	20	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
7.	15241107	DLC	**Digital Electronics Lab**	20	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-
8.	15241108	SP	**Semester Proficiency$**	-	-	-	-	50	-	50	-	-	2	1	Face to Face	SO	-
9.	15241109	PBL	**Micro Project-I#**	-	-	-	-	70	30	100	-	-	2	1	Experiential	SO	-
10.	15241110	HSMC	**Language Lab**	-	-	-	-	70	30	100	-	-	2	1	Blended	AO	-
11.	NECXXXXX	NEC	**Novel Engaging Course (Activity Based Learning)**	-	-	-	-	-	50	50	-	1	-	1	Interactive	SO	-
			Total	**100**	**100**	**150**	**150**	**330**	**170**	**1000**	**12**	**03**	**10**	**20**	-	-	-
12.	15241112	MAC	**Universal Human Values & Professional Ethics (UHVPE)**	20	20	30	30	-	-	100	2	-	-	**GRADE**	Blended	MCQ	1.5 Hrs
13.	15241113	MWS	**Mandatory Workshop on Indian Constitution and Traditional Knowledge at Department Level (Duration: Two Days)**											**GRADE**	Interactive	MCQ	-

Induction programme of three weeks (MC): Physical activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to local Areas, Familiarization to Dept./Branch & Innovations.

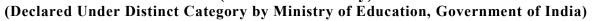**Skill Internship Program (Soft Skill): Minimum 45 hours duration: To be Created in II Semester.**

$Semester Proficiency– includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in the semester courses

MCQ: Multiple Choice Question   **AO:** Assignment + Oral   **PP:** Pen Paper   **SO:** Submission + Oral   **OB:** Open Book

#Micro Project-I will be presented and evaluated through an interdisciplinary project evaluation committee.

HSMC	BSC	ESC	DC	DE	SPC	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
1	1	1	3	0	0	0	2	1	1	0	0	0	1	1	1

Department of Computer Science and Engineering

Mode of Learning							Mode of Examination							Total Credits
Theory		Lab				NEC	Theory				Lab		NEC	
Face to Face	Online	Face to Face	Blended	Experiential	Experimental	Interactive	PP	AO	MCQ	OB	SO	AO	SO	
14		1	1	1	2	1	6		8		2	3	1	20
														Credits %