

MARIS STELLA COLLEGE (A), VIJAYAWADA

CURRICULAR FRAMEWORK: BSc HONOURS PROGRAMME WITH SINGLE MAJOR & A MINOR W.E.F. THE AY 2025-26

1st Year - Semester I

S.No.	Course Category	Course No.	No. of Teaching Hours		Total No. of Teaching Hours	No. of Credits		Total No. of Credits
			Theory	Practical		Theory	Practical	
1	Major Course - Core Course	1	3	2	5	3	1	4
2	Major Course - Core Course	2	3	2	5	3	1	4
3	Minor Course	0	0	0	0	0	0	0
4	AECC - General English	1	4	0	4	3	0	3
5	AECC - MIL (Modern Indian Language) (Telugu / Hindi / Sanskrit / French)	1	4	0	4	3	0	3
6	Multidisciplinary Course (MDC) – Elective Course	0	0	0	0	0	0	0
7	Skill Enhancement Course (SEC) Introduction to Artificial Intelligence	1	4	2 (Practice)	6	4	0	4
At the End of Semester I		5	18	6	24	16	2	18

1st Year - Semester II

S.No.	Course Category	Course No.	No. of Teaching Hours		Total No. of Teaching Hours	No. of Credits		Total No. of Credits
			Theory	Practical		Theory	Practical	
1	Major Course – Core Course	3	3	2	5	3	1	4
2	Major Course – Core Course	4	3	2	5	3	1	4
3	Minor Course	0	0	0	0	0	0	0
4	AECC - General English	2	4	0	4	3	0	3
5	AECC - MIL (Telugu / Hindi / Sanskrit / French)	2	4	0	4	3	0	3
6	Multidisciplinary Course (MDC) – Elective Course	1	2	0	2	2	0	2
7	Skill Enhancement Course (SEC) Application of Artificial Intelligence (Discipline-Specific)	2	4	2 (Practice)	6	4	0	4
8	Indian Knowledge Systems	1	2	0	2	0	0	0
9	Community Service Project (minimum of 80 hours with 1 Credit)							1
At the End of Semester II		8	22	6	28	18	2	21

2nd Year - Semester III

S. No.	Course Category	Course No.	No. of Teaching Hours		Total No. of Teaching Hours	No. of Credits		Total No. of Credits
			Theory	Practical		Theory	Practical	
1	Major Course - Core Course	5	3	2	5	3	1	4
2	Major Course - Core Course	6	3	2	5	3	1	4
3	Major Course - Core Course	7	3	2	5	3	1	4
4	Minor Course	1	3	2	5	3	1	4
5	AECC - General English (Creative Writing / Business Writing in English)	3	4	0	4	3	0	3
6	AECC - MIL (Telugu/Hindi/Sanskrit/French) (Creative Writing / Journalistic Writing in MIL)	3	4	0	4	3	0	3
7	Multidisciplinary Course (MDC) – Elective Course	2	2	0	2	2	0	2
8	Skill Enhancement Course (SEC) – Elective Course Design Thinking / Problem-Solving / Others	3	2	0	2	2	0	2
At the End of Semester III		8	24	8	32	22	4	26

2nd Year - Semester IV

S. No.	Course Category	Course No.	No. of Teaching Hours		Total No. of Teaching Hours	No. of Credits		Total No. of Credits
			Theory	Practical		Theory	Practical	
1	Major Course - Core Course	8	3	2	5	3	1	4
2	Major Course - Core Course	9	3	2	5	3	1	4
3	Major Course - Core Course	10	3	2	5	3	1	4
4	Minor Course	2	3	2	5	3	1	4
5	Multidisciplinary Course (MDC) – Elective Course	3	2	0	2	2	0	2
6	Skill Enhancement Course (SEC) – Elective Course Design Thinking / Problem-Solving / Others	4	2	0	2	2	0	2
At the End of Semester IV		6	16	8	24	16	4	20

3 rd Year - Semester V								
S.No.	Course Category	Course No.	No. of Teaching Hours		Total No. of Teaching Hours	No. of Credits		Total No. of Credits
			Theory	Practical		Theory	Practical	
1	Major Course - Core Course	11	3	2	5	3	1	4
2	Major Course - Elective Course	12	3	2	5	3	1	4
3	Major Course - Elective Course	13	3	2	5	3	1	4
4	Minor Course	3	3	2	5	3	1	4
5	Minor Course	4	3	2	5	3	1	4
6	Environmental Education (Value-Added Course)	1	2	0	2	2	0	2
At the End of Semester V		6	17	10	27	17	5	22
3 rd Year - Semester VI								
S.No.	Course Category	Course No.	No. of Teaching Hours		Total No. of Teaching Hours	No. of Credits		Total No. of Credits
			Theory	Practical		Theory	Practical	
1	Major Course – Elective Course	14	3	3	6	3	1	4
2	Major Course – Elective Course	15	3	3	6	3	1	4
3	Minor Course	5	3	3	6	3	1	4
4	Minor Course	6	3	3	6	3	1	4
5	Semester Internship (minimum of 180 hours with 3 Credits)							3
At the End of Semester VI		5	12	12	24	12	4	19

Credit Framework for 3-year UG Programme:

Credits for Major Courses – 11(Core) + 4(Elective) =15 Courses; $15 \times 4 = 60$ Credits.

Credits for Minor Courses – 6 (Core) Courses; $6 \times 4 = 24$ Credits.

Credits for AECC (General English/MIL) – 3+3 Core Courses; $6 \times 3 = 18$ Credits.

Credits for Multidisciplinary Courses – 3 Elective Courses; $3 \times 2 = 6$ Credits.

Credits for Skill Enhancement Courses – 2 AI Courses; $2 \times 4 = 8$ Credits; 2 other courses; $2 \times 2 = 4$ Credits.

Credits for Value Added Courses – Environmental Education; $1 \times 2 = 2$ Credits.

Credits for Internships – CSP+Internship: 4 Credits.

Certificate Courses/VAC: 2 Credits; Extra-curricular Activities: Yoga + Any Other Activity: $2 \times 1 = 2$ Credits; Value Education: 2 Credits

Total Credits for 3-Year UG Programme: $126 + 6 = 132$ Credits.

CURRICULAR FRAMEWORK FOR BSc HONOURS PROGRAMME WITH SINGLE MAJOR AND A MINOR
W.E.F. THE AY 2025-26

4th Year - Semester VII

S.No.	Course Category	Course No.	No. of Teaching Hours		Total No. of Teaching Hours	No. of Credits		Total No. of Credits	
			Theory	Practical		Theory	Practical		
1	Major Course - Core Course	16	3	2	5	3	1	4	
2	Major Course - Core Course	17	3	2	5	3	1	4	
3	Major Course - Core Course	18	3	2	5	3	1	4	
4	Major Course - Elective Course	19	3	2	5	3	1	4	
5	Major Course - Elective Course	20	3	2	5	3	1	4	
6	OOTC (Open Online Trans-Disciplinary Course)	1	2	0	2	2		2	
7	IKS (Indian Knowledge Systems)	1	2	0	2	Audit Course			
At the End of Semester VII			7	19	10	29	17	5	22

4th Year - Semester VIII

S.No.	Course Category	Course No.	No. of Teaching Hours		Total No. of Teaching Hours	No. of Credits		Total No. of Credits	
			Theory	Practical		Theory	Practical		
1	Major Course – Core Course	21	3	2	5	3	1	4	
2	Major Course – Core Course	22	3	2	5	3	1	4	
3	Major Course – Core Course	23	3	2	5	3	1	4	
4	Major Course – Elective Course	24	3	2	5	3	1	4	
5	Major Course – Elective Course	25	3	2	5	3	1	4	
6	OOTC (Open Online Trans-Disciplinary Course)	2	2	0	2	2		2	
7	IKS (Indian Knowledge Systems)	2	2	0	2	Audit Course			
At the End of Semester VIII			7	19	10	29	17	5	22

Curriculum Framework for BSc (Honours) w.e.f. the AY 2025-26
Major+Minor with CSP & VI Semester Internship

Semester	Major (4 Cr)			Minor (4 Cr)			AECC (3 Cr)			Multi-Disciplinary Courses (2 Cr)		Skill Enhancement Courses (2Cr)		OOTC		(VAC) IKS# Environmental Education* (2 Cr)		Total					
	C	H (T+P)	Cr	C	H (T+P)	Cr	C	H (T+P)	Cr	C	H (T+P)	Cr	C	H (T+P)	Cr	C	H (T+P)	Cr	C	H (T+P)	Cr		
Sem I	2	6+4	8				2	8	6				1	4+2	4					5	24	18	
Sem II	2	6+4	8				2	8	6	1	2	2	1	4+2	4			1#	2	0	7	33	20
Community Service Project of a minimum of 80 hours with 1 Credit Student is eligible for Exit Option-1 with the award of Certificate in respective discipline																						1	
Sem III	3	9+6	12	1	3+2	4	2	8	6	1	2	2	1	2	2				8	32	26		
Sem IV	3	9+6	12	1	3+2	4				1	2	2	1	2	2				6	24	20		
Sem V	1 ⁺²	3+2 6+4	12	2	6+4	8												1*	2	2	6	22	22
Sem VI	2	6+4	8	2	6+4	8													4	20	16		
Internship/Apprenticeship/OJT a minimum of 180 hours (8 weeks) with 3 Credits Student is eligible for Exit Option-2 with the award of Degree in respective discipline																						3	
3-YR	15		60	6		24	6		18	3		6	4		12			1+1		2	36		126
Sem VII	3	9+6	12									2	6+4	8	1	2	2	1#	2	0	7	29	22
Sem VIII	3	9+6	12									2	6+4	8	1	2	2	1#	2	0	7	29	22
4-YR	21		84			24	6		18	3		2		8	2		4		50		170		
C	Courses			H	Hours			Cr	Credits					OOTC	Open Online Transdisciplinary Course								
#	Indian Knowledge Systems - Audit Course									*	Environmental Education												

For Mathematics and Statistics, the number of instructional hours shall be five (5) for courses involving problem solving, and four (4) for courses comprising only theory.