

Engineering Scheme

Credit distribution structure for 4- years (B.E.) Major & MDM, Honours with Emerging & MDM/ Honours

with Research Degree & MDM/ MDM with Emerging Minor Program with (B. E.) - Major & Minor

Year (Level)	Semester	Major (M1)		Multidisciplinary Minor (MDM) (related to other engineering boards)/Emerging Minor (related to other engineering boards)/Honours (Same Engg. Boards)	Open Electives Related to other faculty boards	VSC, SEC Related to core	AEC, VEC, IKS	OJT, FP, CC, CEP, RP, MP Related to core	Minimu m credits for the year (Sem)	Cumulative minimum credits required for award of Certificate/Diploma/Degree
		Mandatory	Electives							
1 4.5	I	15 (3+2+2+2+3+ 0.5+0.5+1+1)	---	---	--	VSEC: 3(2+1)	AEC: 3 (2+1)	CC: 2	45 (23 + 22)	(45) Certificate in Faculty
	II	10 (3+3+1+2+1)	5 (2+2+0.5+ 0.5)	--	--	VEC: 3(2+1)	IKS: 2	CC: 2		
	Cum Cr.	25	5	-	-	6 (3+3)	3+2	4		
	Exit option: Award of UG Certificate in Major with 45 credits and additional 4 credits core one theory subject with 3 credits and one lab with 1 credit from one second year from where they want to take Exit degree. Along with theory and practical course student must compulsory do internship for one month or 160 hours which internship is equal to 4 credits.									
	Abbreviations: Basic Science Course/Engineering Science Course (BSC/ESC), Programme Core Course (PCC), Programme Elective Course (PCE), Multidisciplinary Minor (MD M)/Emerging Minor (EM) /Honours, Open Elective (OE), Vocational and Skill Enhancement Course (VSEC), Humanities Social Science and Management (HSSM) [Ability Enhancement Course (AEC -01, AEC-02), Entrepreneurship/Economics/ Management Courses, Indian Knowledge System (IKS), Value Education Course (VEC)], Experiential Learning Courses [Research Methodology, Comm. Engg. Project (CEP)/Field Project (FP), Project, Internship/ OJT], Liberal Learning Courses[Co-curricular Courses (CC)]									

Engineering Scheme

As per 04-07-2023

Credit distribution structure for 4- years (B.E.) Major & MDM, Honours with Emerging & MDM/ Honours with Research

Degree & MDM/ MDM with Emerging Minor Program with (B. E.) - Major & Minor

Year (Level)	Semester	Major (M1)		Multidisciplinary Minor (MDM) (related to other engineering boards)/Emerging Minor (related to other engineering boards)/Honours (Same Engg. Boards)	Open Electives Related to other faculty boards	VSC, SEC Related to core	AEC, VEC, IKS	OJT, FP, CC, CEP, RP, MP Related to core	Minimum credits for the year (Sem)	Cumulative minimum credits required for award of Certificate/Diploma/Degree
		Mandatory	Electives							
2 5.0	III	14	---	--	2	--	VEC: 2 HSL: 2	CEP: 2	45 (22 + 23)	(90) Diploma in Faculty
	IV	11	---	MDM: 4	2	VSEC:2	VEC: 2 EEM:2	--		
	Cum Cr.	25	---	4	4	2	2+2+2+2	2		
	Exit option: Award of UG Diploma in Major and MDM with 90 credits and additional 4 credits core one theory subject with 3 credits and one lab with 1 credit from one third year from where they want to take Exit degree. Along with theory and practical course student must compulsory do internship for one month or 160 hours which internship is equal to 4 credits.									
	Abbreviations: Basic Science Course/Engineering Science Course (BSC/ESC), Programme Core Course (PCC), Programme Elective Course (PCE), Multidisciplinary Minor (MD M)/Emerging Minor (EM) /Honours, Open Elective (OE), Vocational and Skill Enhancement Course (VSEC), Humanities Social Science and Management (HSSM) [Ability Enhancement Course (AEC -01, AEC-02), Entrepreneurship/Economics/ Management Courses, Indian Knowledge System (IKS), Value Education Course (VEC)], Experiential Learning Courses [Research Methodology, Comm. Engg. Project(CEP)/Field Project (FP), Project, Internship/ OJT], Liberal Learning Courses[Co-curricular Courses (CC)]									

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with Research Degree & MDM/ MDM with Emerging Minor Program with (B. E.) - Major & Minor

Year (Level)	Semester	Major (M1)		Multidisciplinary Minor (MDM) (related to other engineering boards)/Emerging Minor (related to other engineering boards)/Honours (Same Engg. Boards)	Open Electives Related to other faculty boards	VSC, SEC Related to core	AEC, VEC, IKS	OJT, FP, CEP, RP, MP Related to core	Minimum credits for the year (Sem)	Cumulative minimum credits required for award of Certificate/Diploma/Degree
		Mandatory	Electives							
3 5.5	V	12	4	MDM: 4/ EM: 4/ H:4	2	--	AEC: 2	--	48 (24 + 24)	(138) Three years B.Sc. in Engineering
	VI	8	8	MDM: 4/ EM: 4/ H: 4	--	VSEC:2	AEC:2	--		
	Cum Cr.	20	12	8	2	2	2+2	--		
	Exit option: Award of B.Sc in Engineering with 138 credits and additional 4 credits core one theory subject with 3 credits and one lab with 1 credit from one fourth year from where they want to take Exit degree. Along with theory and practical course student must compulsory do internship for one month or 160 hours which internship is equal to 4 credits.									
	Abbreviations: Basic Science Course/Engineering Science Course (BSC/ESC), Programme Core Course (PCC), Programme Elective Course (PCE), Multidisciplinary Minor (MD M)/Emerging Minor (EM) /Honours, Open Elective (OE), Vocational and Skill Enhancement Course (VSEC), Humanities Social Science and Management (HSSM) [Ability Enhancement Course (AEC -01, AEC-02), Entrepreneurship/Economics/ Management Courses, Indian Knowledge System (IKS), Value Education Course (VEC)], Experiential Learning Courses [Research Methodology, Comm. Engg. Project(CEP)/Field Project (FP), Project, Internship/ OJT], Liberal Learning Courses[Co-curricular Courses (CC)]									

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**Credit distribution structure for 4- years (B.E.) Major & MDM, Honours with Emerging & MDM/ Honours
with Research Degree & MDM/ MDM with Emerging Minor Program with (B. E.) - Major & Minor**

Year (Level)	Semester	Major (M1)		Multidisciplinary Minor (MDM) (related to other engineering boards)/Emerging Minor (related to other engineering boards)/Honours (Same Engg. Boards)	Open Electives Related to other faculty boards	VSC, SEC Related to core	AEC, VEC, IKS	OJT, FP, CEP, RP, MP Related to core	Minimum credits for the year (Sem)	Cumulative minimum credits required for award of Certificate/Diploma/Degree
		Mandatory	Electives							
4 6.0	VII	8	4	MDM: 2	--	--	--	RP:4 MP: 2	42 (20 + 22)	(180) B.E. with MDM
	VIII	3	3	--	--	--	--	MP: 4 FP: 12		
	Cum Cr.	11	7	2	--	--	--	4+2+4+12		
	. Award of Four year B.E. with MDM with 180 credits									
	Abbreviations: Basic Science Course/Engineering Science Course (BSC/ESC), Programme Core Course (PCC), Programme Elective Course (PCE), Multidisciplinary Minor (MD M)/Emerging Minor (EM) /Honours, Open Elective (OE), Vocational and Skill Enhancement Course (VSEC), Humanities Social Science and Management (HSSM) [Ability Enhancement Course (AEC -01, AEC-02), Entrepreneurship/Economics/ Management Courses, Indian Knowledge System (IKS), Value Education Course (VEC)], Experiential Learning Courses [Research Methodology, Comm. Engg. Project(CEP)/Field Project (FP), Project, Internship/ OJT], Liberal Learning Courses[Co-curricular Courses (CC)]									

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Degree & MDM/ MDM with Emerging Minor Program with (B. E.) - Major & Minor

Year (Level)	Semester	Major (M1)		Multidisciplinary Minor (MDM) (related to other engineering boards)/Emerging Minor (related to other engineering boards)/Honours (Same Engg. Boards)	Open Electives Related to other faculty boards	VSC, SEC Related to core	AEC, VEC, IKS	OJT, FP, CEP, RP, MP Related to core	Minimum credits for the year (Sem)	Cumulative minimum credits required for award of Certificate/Diploma/Degree
		Mandatory	Electives							
4 6.0	VII	8	4	MDM:2/H:6/ EM: 6	--	--	--	RP:4 MP: 2	42 (20 + 22)	(198) B.E. with Honours in Emerging Area with MDM
	VIII	3	3	EM: 4/H: 6	--	--	--	MP: 4 FP: 12		
	Cum Cr.	11	7	2+6+4+6	--	--	--	4+2+4+12		
	. Award of Four year B.E. with Honours in Emerging Area and MDM with 180 credits addition 18 credits total 198 credits.									
	Abbreviations: Basic Science Course/Engineering Science Course (BSC/ESC), Programme Core Course (PCC), Programme Elective Course (PCE), Multidisciplinary Minor (MD M)/Emerging Minor (EM) /Honours, Open Elective (OE), Vocational and Skill Enhancement Course (VSEC), Humanities Social Science and Management (HSSM) [Ability Enhancement Course (AEC -01, AEC-02), Entrepreneurship/Economics/ Management Courses, Indian Knowledge System (IKS), Value Education Course (VEC)], Experiential Learning Courses [Research Methodology, Comm. Engg. Project(CEP)/Field Project (FP), Project, Internship/ OJT], Liberal Learning Courses[Co-curricular Courses (CC)]									

Engineering Scheme

As per 04-07-2023

Credit distribution structure for 4- years (B.E.) Major & MDM, Honours with Emerging & MDM/

Honours with Research Degree & MDM/ MDM with Emerging Minor Program with (B. E.) - Major & Minor

Year (Level)	Semester	Major (M1)		Multidisciplinary Minor (MDM) (related to other engineering boards)/Emerging Minor (related to other engineering boards)/Honours (Same Engg. Boards)	Open Electives Related to other faculty boards	VSC, SEC Related to core	AEC, VEC, IKS	OJT, FP, CEP, RP, MP Related to core	Minimum credits for the year (Sem)	Cumulative minimum credits required for award of Certificate/Diploma/Degree
		Mandatory	Electives							
4 6.0	VII	8	4	MDM:2/H:6/ EM: 6	--	--	--	RP:4 MP: 2	42 (20 + 22)	(198) B.E. Honours with Research and MDM
	VIII	3	3	EM: 4/H: 6	--	--	--	MP: 4 FP: 12		
		Cum Cr.	11	7	2+6+4+6	--	--	--		
	. Award of Four year B.E. Honours with Research and MDM with 180 credits addition 18 credits									
	Abbreviations: Basic Science Course/Engineering Science Course (BSC/ESC), Programme Core Course (PCC), Programme Elective Course (PCE), Multidisciplinary Minor (MD M)/Emerging Minor (EM) /Honours, Open Elective (OE), Vocational and Skill Enhancement Course (VSEC), Humanities Social Science and Management (HSSM) [Ability Enhancement Course (AEC -01, AEC-02), Entrepreneurship/Economics/ Management Courses, Indian Knowledge System (IKS), Value Education Course (VEC)], Experiential Learning Courses [Research Methodology, Comm. Engg. Project(CEP)/Field Project (FP), Project, Internship/ OJT], Liberal Learning Courses[Co-curricular Courses (CC)]									

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		Mandatory	Electives							
4 6.0	VII	8	4	MDM:2/H:6/ EM: 6	--	--	--	RP:4 MP: 2	42 (20 + 22)	(198) B.E. with MDM and with Emerging Minor
	VIII	3	3	EM: 4/H: 6	--	--	--	MP: 4 FP: 12		
	Cum Cr.	11	7	2+6+4+6	--	--	--	4+2+4+12		
	. Award of Four year B.E. with MDM and with Emerging Minor with 180 credits plus 18 credits total 198 credits									
	Abbreviations: Basic Science Course/Engineering Science Course (BSC/ESC), Programme Core Course (PCC), Programme Elective Course (PCE), Multidisciplinary Minor (MD M)/Emerging Minor (EM) /Honours, Open Elective (OE), Vocational and Skill Enhancement Course (VSEC), Humanities Social Science and Management (HSSM) [Ability Enhancement Course (AEC -01, AEC-02), Entrepreneurship/Economics/ Management Courses, Indian Knowledge System (IKS), Value Education Course (VEC)], Experiential Learning Courses [Research Methodology, Comm. Engg. Project(CEP)/Field Project (FP), Project, Internship/ OJT], Liberal Learning Courses[Co-curricular Courses (CC)]									

Sd/-
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