Back To FORM @ TEMPLATE

1	Course Na				screte	Mathe	matics	5									
	Course Co	ode:	BMMS2633														
	Course Cla	assification:															
			This co	ourse i	ntrodu	ces a b	lendin	ng of ma	athem	atics ar	nd com	puter s	science	e and s	tress basic theory and applications. The	contents include trees, formal languages,	, finite-
2	Synopsis:							ups an							,	, 5 6 7	
			1														
2	NI (-) -	of A develop															
3	ivame(s) c	of Academic Staff:	2														
			3														
4	Semester	and Year offered:	Yea	ar Offe	red		Sem	ester		Rema	rks:						
5	Credit Val	ue:		3													
6	Pre-requis	site/ co-requisite	BAMS	1623 D	Discrete	e Math	ematic	CS									
	(II ally).																
7			۵.	04	A 1						t: ··	at- '			a math annatical account of the	(CA DI CO)	
			CL	01	Analys	se tree	struct	ures, la	inguag	es, and	finite-	·state n	nachin	es usii	g mathematical expressions and diagra	ms. (C4, PLO2)	
			CLO2 Apply group theory to coding and decoding of binary information and Huffman code for data compression. (C3, PLO2)														
	Course Learning Outcomes (CLO)		<u>~·</u>														
			CLI	CLO3													
	M.																
8	Mapping	of the Course Learn	ning Ou	utcome	es to th	ne Prog	ramm	e Learn	ing Ou	tcome	s, Teac	hing M	lethod	s and a	Assessment Methods		
			ning Outcomes to the Programme Learning Outcomes, Teaching Methods and Assessment Methods														
						Progr	amme	Learni	ng Out	comes	(PLO)						
		Course Learning	1	2	ю	4	-C2	9	_	∞	0	10	11		Teaching Methods	Assessment Methods	
		Outcomes	PLO 1	PLO	PLO	PLO 4	PLO	PLO	PLO 7	PLO	PLO 9	PLO 1	PLO 1		ŭ		
	-	CLO1		٧									-		L T NE2E		
	-														L, T, NF2F	Test, Assignment, Examination	
	-	CLO2		٧											L, T, NF2F	Assignment, Examination	
	_	CLO3															
	-																
		Mapping with		C2													
		MQF Cluster of Learning															
		Outcomes															
					<u> </u>	<u> </u>	<u> </u>	1	<u> </u>	1							
		Indicate the primary	י ראווניאן	link bo	tween	the CI C) and D	10 hv +i	cking '	√'in +h	annro	nriato I	าดข				
														Skille r	BC = Communication Skills, C3D = Digital Sk	ille	
															eneurial Skills, C5 = Ethics & Professionalism		
9	Transferable Skills (if applicable)																
	(Skills lear	rned in the course o	of study	, which	n can	1	Cogni	tive ski	lls								
		and utilized in othe			. cuil	2											
						Onen-	andod :	rocnoss	o lif a-	w)							
						Open-6	enued I	respons	e (ii an	уј							
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19					<u> </u>					
20										
		T							SUB-TOTAL SLT:	97
				Fa	ce-to-F	Face (F2F)		NF2F		
	Continous Assessement	%	Pl	nysical		Online/ 1 mediated (Independent Learning for Assessment (Asynchronous)	
1	Test	25		1					4	
2	Assignment	25							6	
3										
4										
5										
				Γ.		Tana (F2F)			SUB-TOTAL SLT:	11
	Final Assessement	%		Fa	ice-to-i	Face (F2F)			NF2F Independent Learning for	
	i mai 735e35emene		Pl	hysical		Online/ 1 mediated (Assessment (Asynchronous)	
1	Examination	50		2					10	
2										
3										
4										
5										
									SUB-TOTAL SLT:	12
									SLT for Assessment:	23
								% SI 7	GRAND TOTAL SLT:	120
	1				[Total F2F Physical /(Total F2F Physical + Total F2F Online + Total Independent Learning) x 100)]					
Α		[Total F2F Ph	ysical /(Tot	al F2F Pl	nysical					
A B	[(Total F2F Online + Total In					% SLT for 0	Online 8	Indep	endent Learning Component: Independent Learning) x 100]	56.67
	[(Total F2F Online + Total In					% SLT for (+ Total F2F [% F2I	Online 8 Online +	Indep Total % SL al Prac	Independent Learning) x 100] If for All Practical Component: tical + % F2F Online Practical]	56.67 0.00
В		dependent Lea	rning) /(To	tal F2F P	hysical	% SLT for (+ Total F2F [% F2I	Online 8 Online + Physica % SLT for	Manual Indep Manual Indep Ma	Independent Learning) x 100] T for All Practical Component: tical + % F2F Online Practical] Physical Practical Component ndependent Learning) x 100)]	
В	[Total F2	dependent Lea PF Physical Prac	rning) /(To	tal F2F P	hysical ysical +	% SLT for (+ Total F2F [% F2I + Total F2F O	Online 8 Online + Physica SLT for the sum of	Manual Indep Manual Indep Ma	Independent Learning) x 100] T for All Practical Component: tical + % F2F Online Practical] Physical Practical Component	0.00
B C C1 C2	[Total F2	dependent Lea PF Physical Prac I F2F Online Pra	rning) /(To tical /(Toto actical / (To	tal F2F P al F2F Ph tal F2F P	hysical ysical +	% SLT for (+ Total F2F [% F2I + Total F2F O + Total F2F	Online 8 Online 4 F Physica % SLT f nline + % SLT Online 4	% SL' % SL' % SL' al Prac or F2F Total II for F2	Independent Learning) x 100] For All Practical Component: tical + % F2F Online Practical] Physical Practical Component independent Learning) x 100)] F Online Practical Component Independent Learning) x 100]	0.00
B C C1 C2	[Total F2	dependent Lea PF Physical Prac I F2F Online Pra	rning) /(To tical /(Toto actical / (To	tal F2F P al F2F Ph tal F2F P	hysical ysical +	% SLT for (+ Total F2F [% F2I + Total F2F O + Total F2F	Online 8 Online 4 F Physica % SLT f nline + % SLT Online 4	% SL' % SL' % SL' al Prac or F2F Total II for F2	Independent Learning) x 100] For All Practical Component: tical + % F2F Online Practical] Physical Practical Component independent Learning) x 100)] F Online Practical Component Independent Learning) x 100]	0.00
B C C1 C2 Please	[Total F2] [Total etick (V) if this course is Industrial Training,	dependent Lea PF Physical Prac I F2F Online Prac Clinical Placer	rning) /(To tical /(Toto actical / (To	tal F2F P al F2F Ph tal F2F P	hysical ysical +	% SLT for (+ Total F2F [% F2I + Total F2F O + Total F2F	Online 8 Online 4 F Physica % SLT f nline + % SLT Online 4	% SL' % SL' % SL' al Prac or F2F Total II for F2	Independent Learning) x 100] For All Practical Component: tical + % F2F Online Practical] Physical Practical Component independent Learning) x 100)] F Online Practical Component Independent Learning) x 100]	0.00
B C C1 C2 Please Note: * Indic ** For	[Total F2	dependent Lead	rning) /(To etical /(Tota actical / (To ment/ Prac	tal F2F Ph tal F2F Ph ticum us	ysical + thysical ing 509	% SLT for C + Total F2F [% F2I + Total F2F O + Total F2F % of Effective	Online 8 Online 4 F Physica % SLT f Inline + % SLT Online 4	Indep- Total % SL al Prac or F2F Total II for F2 Total	Independent Learning) x 100] If for All Practical Component: tical + % F2F Online Practical] Physical Practical Component ndependent Learning) x 100)] F Online Practical Component Independent Learning) x 100] e (ELT)	0.00
B C C1 C2 Please Note: * Indic ** For 80% O	[Total F2] [Total F2] [Total F2] [Total F2] [Total F2] [Example of the CLO's included in the CLO's numbering in the CDDL programme: Courses with mandatory practical for the CLO's numbering in the CDDL programme: Courses with mandatory practical for the CLO's numbering in the CDDL programme: Courses with mandatory practical for the CLO's numbering in the CDDL programme: Courses with mandatory practical for the CLO's numbering in the CDDL programme: Courses with mandatory practical for the CLO's numbering in the CDDL programme: Courses with mandatory practical for the CLO's numbering in the CDDL programme: Courses with mandatory practical for the CDDL programme: CDDL	dependent Lead	rning) /(To etical /(Tota actical / (To ment/ Prac	tal F2F Ph tal F2F Ph ticum us	ysical + thysical ing 509	% SLT for C + Total F2F [% F2I + Total F2F O + Total F2F % of Effective	Online 8 Online 4 F Physica % SLT f Inline + % SLT Online 4	Indep- Total % SL al Prac or F2F Total II for F2 Total	Independent Learning) x 100] If for All Practical Component: tical + % F2F Online Practical] Physical Practical Component ndependent Learning) x 100)] F Online Practical Component Independent Learning) x 100] e (ELT)	0.00

NIL

Note: Number of PLO indicated is purely for illustration purposes only and the number is subjected to the curriculum design.

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Other additional information (if applicable)