

MINUTE BOOK

27-7-19
AnupamJAMAL MOHAMED COLLEGE (AUTONOMOUS)
TIRUCHIRAPPALLI-20

BOARD OF STUDIES MEETING - INTERNAL - I ON 27.07.2019

The following members of the Staff of Mathematics Department have attended the Board of Studies Meeting held on 27.07.2019 at 9.00 a.m in the Mathematics Seminar Hall.

Agenda :

- To re structure the Course Pattern and finalise the New Syllabi for U.G, P.G, M.Phil and COP Programmes for Implementation from the Academic Year 2020-2021.

Date: 27.07.2019

HOD

S. No.	Name		Signature
1.	Dr. S.Ismail Mohideen	Chairman	
2.	Mr. N.Abdul Ali	Member	
3.	Dr. R.Jahir Hussain	"	
4.	Dr. A.Solai Raju	"	
5.	Dr. A.Nagoor Gani	"	
6.	Dr. A.Mohamed Ismayil	"	
7.	Mr. S.Masoothu	"	
8.	Dr.M. Mohamed Jaburallah	"	
9.	Dr.S.Mohamed Yusuff Ansari	"	
10.	Dr.P. Murganatham	"	
11.	Mr.N.Mohamed Thoiyab	"	
12.	Dr.A.Prasanna	"	
13.	Dr.U.Abuthair	"	
14.	Mr.V.Krishnan	"	
15.	Dr.H.Sheik Mujibur Rahman	"	
16.	Mr.M.Sathik Jassen	"	
17.	Mr.D.Dhamodharan	"	
18.	T.Sheik Pareeth	"	
19.	M.Mohamed Althaf	"	
20.	Dr.S.Shajitha Begum	"	
21.	Dr. B.Fathima Kani	"	
22.	Mrs B.Shafina Banu	"	
23.	Mrs.MS.Afya Farhana	"	
24.	Mrs.A.Nafiunisha	"	
25.	Ms.S.Sharimila Banu	"	
26.	Ms M.Affrose Begum	"	
27.	Ms A.Thagasin banu	"	
28.	Ms.J.Sarthaj Banu	"	
29.	Ms.K.S.Kanzul Fathima	"	
30.	Ms.A.Reigana Begum	"	
31.	Ms.S.Hairun Bee	"	
32.	Ms.Z.Sirajunisha	"	
33.	Ms.A.Fathima Begam	"	
34.	Ms.B.Saranya	"	
35.	Ms.C.Vijayalakshmi	"	
36.	Ms.R.Shahin	"	

CODE : CSA 009

MANAGING COMMITTEE

कार्यकारी मंडळाचे

MEETING NO. / सभा नं

DATE / तारीख 27.7.19

RESOLUTION NO. ठराव नं	PRESENT MEMBERS AND RESOLUTIONS हजर सभासद व ठराव	REMARKS शेरा
	The Board of Studies of the Dept. of Mathematics met at 9:00 a.m. on 27.7.19 in the Mathematics Seminar Hall. The BOS identified and discussed various courses for UG, Ph.D., M.Phil., COP, certificate and Allied (Phy, chem, CS) Mathematics programme for the proposed common course pattern under CBCS to be implemented from 2020-21.	
1)	Resolved to introduce the following new courses in the curriculum of UG programme - programming in c++ with practical - Multivariate Calculus - Advanced Calculus - Statistical Lab using R - Maple - mini project using SPSS - Astronomy - Fuzzy Set	
2)	In the NME, Mathematics for Competitive Exams I & II changed as Quantitative aptitude and Reasoning Respectively	
3)	Resolved to introduce the following new courses in the curriculum of Ph.D. programme - python programming with practical - Mathematics of Finance - Modern probability Theory - Internship and project Report	

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3)	Resolved to include online content & attempt one unit in a course in every year & both UG & PH programmes.	
4)	Resolved to include the online references in the UG & PH, M.Phil. ^{and other} syllabus	
5)	Resolved to change the title & the courses, content and Text books in the existing syllabus besides the new courses introduced	
6)	Resolved to prepare the course objective and course outcomes by the staff prepare the syllabus in all courses. Also programme specific outcomes to be prepared under the guidance of Dr. R. Jahir Hussain.	
7)	The detailed syllabus preparation for each course has been allotted to the staff members (as per the list posted in the minutes Book)	
8)	Resolved to request the staff to submit the syllabus for each course on or before 19.08.19 to Dr. S. Mohamed Yusoff Anwar	
9)	Resolved to Encourage the students to pursue the online courses as Extra credit mode. both UG & PH programmes as per the UGC norms.	

27/7/19

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Revision of Syllabus w.e.f 2020-21 -Courses Allotment

S. No.	Name		Signature
1.	Dr. S.Ismail Mohideen RIFAYATH ALI AFROSE [KANZUL]	ODE- PG SK PDE- PG RIT AOR- PG STOCH. PROCESS SK	
2.	Mr. N.Abdul Ali ABUTHAHIR KANZUL [AFYA] AF	NUMERICAL-UG UA CLASSICAL DYNAMICS -PG AF	
3.	Dr. R.Jahir Hussain ALTHAF FATHIMA KANI FK	GRAPH THEORY -UG- COMBINATORIES FK MINI PROJECT USING SPSS - UG -323 PAGE MAKER & CORELDRAW SHANT	
4.	Dr. A.Solai Raju DHAMOTHARAN FATHIMA BEGUM FB	LINEAR ALGEBRA - UG (FB) LINEAR ALGEBRA - PG DD	
5.	Dr. A.Nagoor Gani MUJEEB SHAHIN SH	ODE & LAP - UG HS FUZZY SETS - UG - Z & FOURER SH FUZZY - PG - MATHEMATICAL METHODS IN BIOLOGY SH	
6.	Dr. A.Mohamed Ismayil KRISHNAN HAIRUN BEE (HB)	MATHEMATICA - UG - MAPLE & MATLAB ASTRONOMY - UG DATA STRUCTURE (HB) NUMERICAL - PG (HB)	
7.	Mr. S.Masoothu SATHIK JASEEN SARTHAI BANU JS	ADVANCED CALCULUS - UG REAL - UG JS REAL - PG JS PDE & FOURIER SERIES - UG	
8.	Dr.M. Mohamed Jaburallah SHAJITHA BEGUM SIRAJUNISHA	PROGRAMME IN C++ & C++ LAB - UG (SB) STAT LAB USING R - UG PYTHON & LAB - PG - COMPUTER ALGORITHM (SN) CALCULUS OF VARIANCE - PG	
9.	Dr.S.Mohamed Yusuff Ansari SHEIK PAREETH SW SARMILA BANU SS	MATH STAT-I - UG (SS) MATH STAT-II - UG (SS) MECHANICS - UG FLUID - PG CALCULUS (I) & NUMERICAL METHODS (I) - ALLIED CS	
10.	Dr.P. Murganatham AFYA FARHANA AFROSE THAHASIN BANU AT MA	CALCULUS & TRIGNOMETRY - UG AT MULTIVARIATE CALCULUS - UG AT MATH STAT-III - UG MODERN PROBABILITY THOERY - PG OR (I) & STAT (I) - ALLIED CS. MA	
11.	Mr.N.Mohamed Thoiyab SHAFINA BANU (BS) VIJAYALAKSHMI VT	QUANTITATIVE APTITUDE - UG REASONING - UG ALGEBRA - UG (BS) ALGEBRA - PG (BS) ALLIED PHYSICS (4) PAPERS - VT	
12.	Dr.A.Prasanna NAFIUNISHA AP SARANYA AN SR	CLASSICAL ALGEBRA - UG AN OR - UG AN MATHEMATICS OF FINANCE - PG - CONTROL THOERY AP ALLIED CHEMISTRY (4) PAPERS - SR	

Submission of Syllabus on or before 19.08.2019 to Dr. KSM & Dr. AP

The remaining papers no change in the syllabi
Compiled by Mr. Althaf

COP to m-Phil - AP & Althaf

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RESOLUTION NO. ठराव नं	PRESENT MEMBERS AND RESOLUTIONS हजर सभासद व ठराव	REMARKS शेरा
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B.Sc. Mathematics Programme – Course Structure under CBCS

(Applicable to the candidates admitted from the academic year 2020 -2021 onwards)

02.08.2019

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Ins. Hrs /Week	CREDIT	MARKS		TOTAL
							CIA	ESE	
I	20U1LT1/LA1/L F1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1E1	II	English - I		6	3	25	75	100
	20UMA1C1	III	Core – I	Calculus & Trigonometry	5	5	25	75	100
	20UMA1C2		Core – II	Solid Geometry	3	2	25	75	100
	20UMA1A1		Allied –I		5	4	25	75	100
	20UMA1A2		Allied –II		3	2	25	75	100
	20UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
TOTAL					30	21	-	100	700
II	20U2LT2/LA2/L F2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2E2	II	English – II		6	3	25	75	100
	20UMA2C3T	III	Core – III (a)	Programming in C++ (Online Content)	3	3	10	40	50
	20UMA2C3P		Core – III (b)	C++Programming Lab	3	2	10	40	50
	20UMA2C4		Core – IV	Classical Algebra	3	2	25	75	100
	20UMA2A3		Allied – III		4	3	25	75	100
	20UMA2A4		Allied –IV		3	2	25	75	100
	20UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
TOTAL					30	20	-	100	700
III	20U3LT3/LA3/L F3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3E3	II	English – III		6	3	25	75	100
	20UMA3C5	III	Core– V	Multi variate Calculus	4	4	25	75	100
	20UMA3C6		Core– VI	ODE & Laplace Transforms (Online Content)	3	2	25	75	100
	20UMA3A5		Allied– V	Mathematical Statistics-I	4	3	25	75	100
	20UMA3A6		Allied–VI	Mathematical Statistics-II	3	2	25	75	100
	20UMA3N1	IV	Non Major Elective I #	Quantitative Aptitude	2	2	-	100	100
	20UCN3S1		Skill Based Elective - I @	Soft Skills Development	2	2	-	100	100
TOTAL					30	21	-	100	800
IV	20U4LT4/LA4/L F4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4E4	II	English– IV		6	3	25	75	100
	20UMA4C7	III	Core– VII	Advanced Calculus	5	5	25	75	100
	20UMA4C8		Core - VIII	PDE & Fourier Series	3	2	25	75	100
	20UMA4A7		Allied– VII	Mathematical Statistics-III	5	3	25	75	100
	20UMA4A8P		Allied–VIII	Statistical Lab using R	3	2	25	75	100
	20UMA4N2	IV	Non Major Elective - II#	Reasoning Ability	2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
	TOTAL					30	21	-	-
V	20UMA5C9	III	Core – IX	Mechanics	6	5	25	75	100
	20UMA5C10		Core – X	Real Analysis	5	5	25	75	100
	20UMA5C11		Core – XI	Algebra	5	5	25	75	100
	20UMA5C12		Core - XII	Numerical Methods	5	5	25	75	100
	20UMA5M1	IV	Major Based Elective – I **	Graph Theory (Online Content)	5	4	25	75	100
	20UMA5S2P		Skill Based Elective II@	Maple / Mathematica	2	2	-	100	100
	20UMA5S3		Skill Based Elective – III @	Mini Project using SPSS	2	2	-	100	100
	20UMA5EC1		Extra Credit Course - I		-	4*	--	100*	100*
TOTAL					30	28	-	-	700
VI	20UMA6C13	III	Core– XIII	Linear Algebra	5	5	25	75	100
	20UMA6C14		Core– XIV	Complex Analysis	5	5	25	75	100
	20UMA6C15		Core - XV	Number Theory	5	5	25	75	100
	20UMA6C16		Core - XVI	OR (Online Content)	5	5	25	75	100
	20UMA6M2		Major Based Elective II **	Astronomy	5	4	25	75	100
	20UMA6M3		Major Based Elective III **	Fuzzy sets	4	4	25	75	100
	20UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	20UMA6EC2		Extra Credit Course - II		-	4*	--	100*	100*
TOTAL					30	29	-	-	700
GRAND TOTAL					180	140	-	-	4300

* Not Considered for Grant Total and CGPA.

MEETING NO. / सभा नं

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RESOLUTION
NO.

PRESENT MEMBERS AND RESOLUTIONS

REMARKS

ठराव

Non Major Elective Courses offered to the other Departments:

SEM	COURSE TITLE
III	Quantitative Aptitude
IV	Reasoning Ability

@ Skill Based Electives Courses offered to our Department:

SEM	Elective No.	COURSE CODE	COURSE TITLE
V	II	17UMA5S2AP	Maple
		17UMA5S2BP	Mathematica
		17UMA5S2CP	MATLAB
V	III	17UMA5S3A	Mini Project using SPSS
		17UMA5S3BP	PageMaker
		17UMA5S3CP	CorelDraw

** Major Based Electives Courses offered to our Department:

SEM	Major Based Elective No.	COURSE CODE	COURSE TITLE	Ins. Hrs /Week	CREDIT	MARKS		TOTAL
						CIA	ESE	
V	I	17UMA5M1A	Graph Theory (Online Content)	5	4	25	75	100
		17UMA5M1B	Combinatorics	5	4	25	75	100
VI	II	17UMA6M2A	Astronomy	5	4	25	75	100
		17UMA6M2B	Data Structures and Algorithms	5	4	25	75	100
VI	III	17UMA6M3A	Fuzzy Sets	4	4	25	75	100
		17UMA6M3B	Z and Fourier Transform	4	4	25	75	100

Allied Mathematics for B.Sc Computer Science

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Ins. Hrs /Week	CREDIT	MARKS		TOTAL
							CIA	ESE	
I	17UMA1A1	III	Allied -I	Calculus	4	3	25	75	100
	17UMA1A2		Allied -II	Numerical Methods	4	3	25	75	100
			TOTAL		8	6			200
II	17UMA2A3	III	Allied - III	Operations Research	4	3	25	75	100
	17UMA2A4		Allied -IV	Statistics	3	2	25	75	100
			TOTAL		7	5			200
GRAND TOTAL					15	11	-	-	400

Allied Mathematics for B.Sc (Physics)

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Ins. Hrs /Week	CREDIT	MARKS		TOTAL
							CIA	ESE	
III	17UMA3A5:2	III	Allied-V	Calculus	4	3	25	75	100
	17UMA3A6:2		Allied-VI	Algebra and Trigonometry	3	2	25	75	100
			TOTAL		7	5			200
IV	17UMA4A7:2	III	Allied- VII	Differential Equations	4	3	25	75	100
	17UMA4A8:2		Allied-VIII	Vector Calculus and Fourier series	4	2	25	75	100
			TOTAL		8	5			200
GRAND TOTAL					15	10	-	-	400

Allied Mathematics for B.Sc (Chemistry)

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Ins. Hrs /Week	CREDIT	MARKS		TOTAL
							CIA	ESE	
III	17UMA3A5:3	III	Allied-V	Algebra and Trigonometry	4	3	25	75	100
	17UMA3A6:3		Allied-VI	Calculus	3	2	25	75	100
			TOTAL		7	5			200
IV	17UMA4A7:3	III	Allied- VII	Ordinary and Partial Differential Equations	4	3	25	75	100
	17UMA4A8:3		Allied-VIII	Statistics and Vector Calculus	4	2	25	75	100
			TOTAL		8	5			200
GRAND TOTAL					15	10	-	-	400

JAMAL MOHAMED COLLEGE (Autonomous), Tiruchirappalli-620 020

M.Sc. Mathematics Programme –Course Structure under CBCS

(For the candidate admitted from the academic year 2020-2021 onwards) 27.07.2019

REMARKS

शेरा

SEM	Course Code	Course	Course Title	Ins. Hrs / Week	Credit	Exam Hrs	Marks		Total
							CIA	ESE	
I	20PMA1C1	Core– I	Real Analysis	6	5	3	25	75	100
	20PMA1C2	Core – II	Algebra	6	5	3	25	75	100
	20PMA1C3	Core– III	Classical Dynamics	6	4	3	25	75	100
	20PMA1C4	Core – IV	Ordinary Differential Equations (Online Content)	6	4	3	25	75	100
	20PMA1CE1	Elective – I	Mathematics of Finance	6	4	3	25	75	100
		TOTAL			30	22	500		
II	20PMA2C5	Core – V	Topology	6	5	3	25	75	100
	20PMA2C6	Core – VI	Complex Analysis	6	5	3	25	75	100
	20PMA2C7	Core– VII	Linear Algebra	6	4	3	25	75	100
	20PMA2C8	Core – VIII	Numerical Analysis	6	4	3	25	75	100
	20PMA2CE2	Elective– II #	Fuzzy Analysis & its Applications (Online Content)	6	4	3	25	75	100
		TOTAL			30	22	500		
III	20PMA3C9	Core– IX	Functional Analysis	6	5	3	25	75	100
	20PMA3C10	Core– X	Partial Differential Equations	6	5	3	25	75	100
	20PMA3C11	Core– XI	Modern Probability Theory	6	4	3	25	75	100
	20PMA3C12	Core– XII	Advanced Graph Theory (Online Content)	6	4	3	25	75	100
	20PMA3CE3T	Elective – III (a)#	Python Programming	3	2	3	10	40	50
	20PMA3CE3P	Elective – III (b)#	Python Programming Lab	3	2	3	10	40	50
	20PMA3EC1	Extra Credit Course – I	Online Course (MOOC)	-	5*	3	-	100	100*
	TOTAL			30	22	500			
IV	20PMA4C13	Core– XIII	Measure theory and integration	6	5	3	25	75	100
	20PMA4C14	Core– XIV	Fluid Dynamics (Online Content)	6	5	3	25	75	100
	20PMA4C15	Core– XV	Integral Equations and Calculus of Variations (Online Content)	6	5	3	25	75	100
	20PMA3CE4	Elective - IV #	Advanced Operations Research(Online Content)	6	4	3	25	75	100
	20PMA4PW	Project	Internship and Project Report	6	4	-	-	100	100
	20PMA4EC2	Extra Credit Course – II	Online Course (MOOC)	-	5*	3	-	100	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-	-
	TOTAL			30	24	500			
	GRAND TOTAL				90				200*

*Not considered for grand total and CGPA

Core Based Electives

SEMESTER	Course Code	CORE BASED ELECTIVE	Ins. Hrs / Week	Credit	Marks		Total
					CIA	ESE	
I	20PMA1CE1A	Mathematics of Finance	6	4	25	75	100
	20PMA1CE1B	Control Theory	6	4	25	75	100
II	20PMA2CE2A	Fuzzy Analysis & its Applications (Online Content)	6	4	25	75	100
	20PMA2CE2B	Mathematical Methods in Biology	6	4	25	75	100
III	20PMA3CE3AT	Python Programming	3	2	10	40	50
	20PMA3CE3AP	Python Programming - Practical	3	2	10	40	50
	20PMA3CE3B	Computer Algorithms	6	4	25	75	100
IV	20PMA4CE4A	Advanced Operations Research	6	4	25	75	100
	20PMA4CE4B	Stochastic Processes	6	4	25	75	100

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REMARKS

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हजर सभासद व ठराव

शेरा

Master of Philosophy Programme (M.Phil.)

SEM	SUB CODE	COURSE	SUBJECT TITLE	HRS / WEEK	CREDIT	CIA Mark	ESE MARK	TOTAL MARK
I	20MPMA 1C1	CORE I	Research Methodology	4*	4	25	75	100
	20MPMA 1C2	CORE II	Analysis and Applied Mathematics	4*	4	25	75	100
	20MPMA 1C3	CORE III	Teaching & Learning Skills (Common Paper)	4*	4	25	75	100
	20MPMA 1C4	CORE IV (Elective)	Paper on Topic of Research (The syllabus will be prepared by the guide and examination will be conducted by the COE)	4*	4	25	75	100
	*One hour library for each course							
	TOTAL			16*	16	100	300	400
II	20MPMA2PD		Dissertation##	-	8	-	-	200
GRAND TOTAL				-	24	-	-	600

Evaluation of the Dissertation and Viva Voce shall be made jointly by the Research Supervisor and the External Examiner.

CARRIER ORIENTED PROGRAMME
E-MATHEMATICAL TOOLS

COURSE CODE	COURSE	COURSE TITLE	TEACHING HOURS	CREDIT	CIA MARKS	SE MARKS	TOTAL MARKS
CERTIFICATE COURSE							
20MACT1P	CORE I	MS Word and LATEX	150	10	25	75	100
20MACT2P	CORE II	SPSS - Basic Modules	150	10	25	75	100
20MACT3P	CORE III	MATLAB - Basic Concepts	150	10	25	75	100
TOTAL			450	30	75	225	300
DIPLOMA PROGRAMME							
20MADM1P	CORE I	MS PowerPoint and LATEX with Beamer Package	150	10	25	75	100
20MADM2P	CORE II	Hypothesis Testing using SPSS	150	10	25	75	100
20MADM3P	CORE III	Numerical Methods using MATLAB	150	10	25	75	100
TOTAL			450	30	75	225	300
GRAND TOTAL			900	60	150	450	600
ADVANCED DIPLOMA PROGRAMME							
20MAAD1P	CORE I	Project Preparation using LATEX	150	10	25	75	100
20MAAD2P	CORE II	Forecasting using SPSS	150	10	25	75	100
20MAAD3P	CORE III	MATLAB: Graphics 2D and 3D	150	10	25	75	100
TOTAL			450	30	75	225	300
GRAND TOTAL			1350	90	225	675	900

MINUTE BOOK

JAMAL MOHAMED COLLEGE (AUTONOMOUS)
TIRUCHIRAPPALLI-20

BOARD OF STUDIES MEETING - II ON 31.08.2019

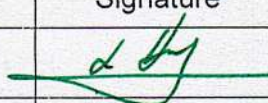
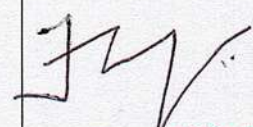
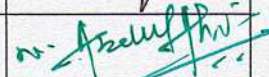
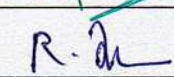
RE The following members of the Staff of *Mathematics Department* and External members have attended the Board of Studies Meeting held on 31.08.2019 at 9.30 a.m in the Mathematics Seminar Hall.

Agenda :

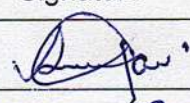
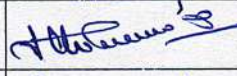
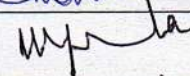
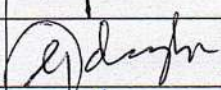
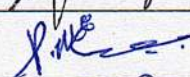
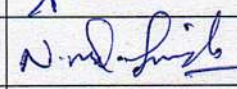
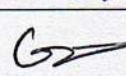
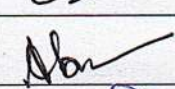
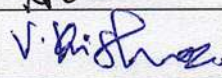
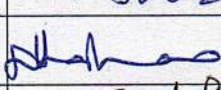
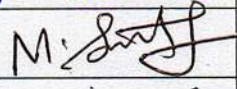
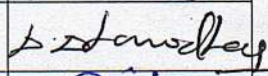
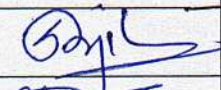
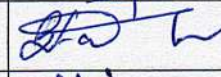
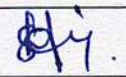
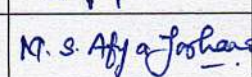
- To re structure and finalize the Course Structure for U.G, P.G, M.Phil and COP Programmes for Implementation from the Academic Year 2020-2021.

Date: 31.08.2019

HOD

S.No.	Name	Category	Signature
1.	Dr.S.Ismail Mohideen HOD	Chairman	
2.	Dr. V. T. Chandrasekaran HOD of Mathematics Jawahar Science College Neyveli- 607803 Mobile: 9443049862	Subject Expert – Academic Council Nominee	—
3.	Dr. K. Muthukumaraswamy Associate Professor and Head Department of Mathematics Kongunadu Arts and Science College (Autonomous) G.N.Mills Post, Coimbatore - 641029 e-mail: swamykmk@yahoo.co.in Mobile: 9842224570	Subject Expert – Academic Council Nominee	—
4.	Dr. K. Kanagarajan Department of Mathematics Sri Ramakrishna Mission Vidyalaya College of Arts and Science Sri Ramakrishna Vidyalaya Post. Periyanaickenpalayam Coimbatore - 641 020 Mobile: 9842599215 e-mail: kanagarajank@gmail.com	Subject Expert – University Nominee	
5.	Mr. B. Mohamed Harif Assistant Professor of Mathematics Rajah Serfoji Government Arts College, Near New Bus Station, Thanjavur-613005 Mobile : 9994289508	Alumni Representative	 31.8.19
6.	Mr. J.Sharfudeen Ameer Travels Pvt. Ltd. City Tower No.1, Royal Road Trichy -01 Mobile: 9843227878	Industry Representative	
7.	Mr. N.Abdul Ali Associate Professor	Member	
8.	Dr. R.Jahir Hussain Associate Professor	Member	
9.	Dr. A.Solai Raju Associate Professor	Member	

MANAGING COMMITTEE

S.No.	Name	Category	Signature
10.	Dr. A.Nagoor Gani Associate Professor	Member	
11.	Dr. A.Mohamed Ismayil Associate Professor	Member	
12.	Mr. S.Masoothu Associate Professor	Member	
13.	Dr.M. Mohamed Jaburallah Assistant Professor	Member	
14.	Dr.S.Mohamed Yusuff Ansari Assistant Professor	Member	
15.	Dr.P. Murganatham Assistant Professor	Member	
16.	Mr.N.Mohamed Thoiyab Assistant Professor	Member	
17.	Dr.A.Prasanna Assistant Professor	Member	
18.	Dr.U.Abuthair Assistant Professor	Member	
19.	Dr.V.Krishnan Assistant Professor	Member	
20.	Dr.H.Sheik Mujibur Rahman Assistant Professor	Member	
21.	Dr.M.Sathik Jassen Assistant Professor	Member	
22.	Dr.D.Dhamodharan Assistant Professor	Member	
23.	Dr.S.Shajitha Begum Associate Professor	Member	
24.	Dr. B.Fathima Kani Assistant Professor	Member	
25.	Mrs B.Shafina Banu Assistant Professor	Member	
26.	Mrs.MS.Afya Farhana Assistant Professor	Member	

Dr. S. Ismail Mahideen, welcomed the gathering and explained to restructure the course structure of UH, PH, M.Phil and Cesp courses. w.e.f 2020-21

The proposed course structure finalized in the Internal BOS are displayed to the members, the following suggestions are given, the resolutions are:

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MEETING NO. / सभा नं

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RESOLUTION NO. उराव नं	PRESENT MEMBERS AND RESOLUTIONS हजर सभासद व उराव	REMARKS शेरा
	Subject Expert Dr. K. Kanagavaram suggested that the core III can be changed as mathematical programming using c++ instead of programming in c++, in VH.	
	Extra credit course, the staff members can register as mentors.	
	In the Allied Physics, Chemistry, Computer Science course titles are changed in VH.	
	In Extra credit papers, the credit should be awarded as per the student received from Mooc certificates. both VH & PH.	
	Algebra & Linear Algebra course title may be changed to Algebra I & Algebra II respectively, in PH.	
	Privately Major. N. Asad Ali, proposes Vote members	
	He requests all the staff members to submit the syllabi on or before 15th sep '19	

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DATE / तारीख _____

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RESOLUTION

PRESENT MEMBERS AND RESOLUTIONS

REMARKS

JAMAL MOHAMED COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-20

BOARD OF STUDIES MEETING - INTERNAL ON 22.02.2020

The following members of the Staff of Mathematics Department have attended the Board of Studies Meeting (Internal) held on 22.02.2020 at 10 a.m in the Mathematics Seminar Hall.

Agenda :

- To finalise the New Syllabi for U.G, P.G, M.Phil and COP Programmes for Implementation for the Academic Year 2020-2021.

Date: 22.02.2020

HOD

members present

S. No.	Name	Signature
1.	Dr. S.Ismail Mohideen Chairman	
2.	Mr. N.Abdul Ali Member	
3.	Dr. R.Jahir Hussain "	
4.	Dr. A.Solai Raju "	
5.	Dr. A.Nagoor Gani "	
6.	Dr. A.Mohamed Ismayil "	
7.	Mr. S.Masoothu "	
8.	Dr.M. Mohamed Jaburallah "	
9.	Dr.S.Mohamed Yusuff Ansari "	
10.	Dr.P. Muruganantham "	
11.	Mr.N.Mohamed Thoiyab "	
12.	Dr.A.Prasanna "	
13.	Dr.U.Abuthair "	
14.	Dr.V.Krishnan "	
15.	Dr.H.Sheik Mujibur Rahman "	
16.	Mr.M.Sathik Jassen "	
17.	Dr.D.Dhamodharan "	
18.	Dr.S.Shajitha Begum "	
19.	Dr. B.Fathima Kani "	
20.	Mrs B.Shafina Banu "	
21.	Mrs.MS.Afya Farhana "	

MANAGING COMMITTEE

कार्यकारी मंडळाचे

CODE : CSA 009

MEETING NO. / सभा नं _____

DATE / तारीख _____

RESOLUTION NO. ठराव नं	PRESENT MEMBERS AND RESOLUTIONS हजर सभासद व ठराव	REMARKS शेरा
	The BOS (Internal) meeting was held on 22-2-2020 at Matra Seminar Hall. Major N. Abdul Ali, Head (i/c) welcomed the gathering. Dr. S. Ismail Mohideen, Principal and HOD of Mathematics explained the requirement to change the syllabi related to DBT Star College Scheme, UAC regulation and Activity based Methods.	
	The finalized course structure approved in the academic council (12.10.2019) was presented in front of the BOS members. It is resolved to conduct the programme in C++ course as blended learning method. (To increase the practicals with low theory concept in the syllabus content)	
	Resolved to conduct the Value Education, EVS, Softskills, Gender Studies courses suggested by CADC & our college.	
	Resolved to change the course title in the Mathematics at Statistics I, II and III.	
	The following changes are ^{made} being for the purpose of implementing DBT Star ^{one} College Scheme. Resolved to reduce the hours for mathematical stat III, the total teaching hour is 4 and Allied VIII is 4 hour. The course title is Statistical tab using R and SPSS.	
	Resolved to conduct the Skill Be Enhancement course II as Maple / Fuzzy sets / and DSE III as Mathematica and MATLAB / Z and Fourier Transform.	

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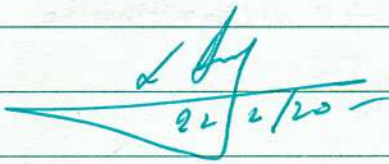
RESOLUTION NO. ठराव नं	PRESENT MEMBERS AND RESOLUTIONS हजर सभासद व ठराव	REMARKS शेरा
	Resolves to Conduct the Theory + Practical courses as blended learning method. (Exam will be conducted under practical method)	
	Resolved to change the course Content for practical courses in all the blended learning method courses.	
	The Bos Members read all the First year UG, Ph, M. Phil Syllabus, they modified small changes in course outcomes wherever necessary. also recommended to change the text book for a few syllabus	
	In m. Phil Paper I and paper II and paper III. Syllabus to be changed in a ^{few} few places for the Guide paper (Paper IV) few more syllabus to be added.	
	The following Guide paper Syllabus to be prepared by	
	1. Mathematical Modelling - Dr. UA	
	2. Fuzzy Probability - Dr. AP	
	3. Fixed Point Theory - Dr. DD	
	4. Algorithmic Graph Theory - Dr. KSM	
	5. - Dr. HS	
	Resolved to teach R Programming for II UG and Maple and Mathematica for III UG during 2020-21 as Value Added course to implement DBT Star College Scheme.	

MANAGING COMMITTEE

कार्यकारी मंडळाचे

CODE : CSA 009 MEETING NO. / सभा नं _____

DATE / तारीख _____

RESOLUTION NO. ठराव नं	PRESENT MEMBERS AND RESOLUTIONS हजर सभासद व ठराव	REMARKS शेरा
	Resolved to Prepare the Syllabus for Value added courses to implement DBT Star College Scheme by	
	R programming — A-P	
	Maple — MMJ	
	Mathematica — AMI	
	Also discussed the Group project, Summer Training, Field Visit, FIP, NTS FIP, outreach activity and Hands on Training Scheme to implement and complete for the purpose of DBT Star College Scheme.	
	Resolved to Approve the Examiners for Q.P Setting and Valuation work for Autonomous Exams of our college	
	Resolved to prepare 2- content of Videos Dept by Dr. AS, Dr. FK on 24-2-2020	
	Resolved to Submit the Corrected version of Syllabus, suggested by the BOS members on or before 26-02-2020 with Dr. RJ, Ami , Dr. KSM, PM, DJ and MA	
	Finally Dr. R. Jahir Hussain Proposed a vote of thanks.	
		

**JAMAL MOHAMED COLLEGE (AUTONOMOUS)
TIRUCHIRAPPALLI-20**

BOARD OF STUDIES MEETING - II ON 07.03.2020

The following members of the Staff of *Mathematics Department* and **External** members have attended the **Board of Studies Meeting** held on **07.03.2020** at **10.45 a.m** in the Mathematics Seminar Hall.

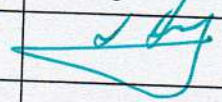
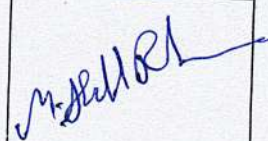
Agenda :

- To finalize the syllabi for U.G, P.G, M.Phil and other (if any) for Implementation for the Academic Year 2020-2021.
- To finalize the Syllabi and Regulations for 2017 Regulation (UG Programme) for implementing DBT Star College Scheme w.e.f 2020-21.
- To approve the panel of Examiners for Question paper setting and valuation work of our College.

Date: 07.03.2020

HOD

members Present

S.No.	Name	Category	Signature
1.	Dr.S.Ismail Mohideen HOD	Chairman	
2.	Dr. C. Parameswaran Associate Professor and Head Department of Mathematics Ayya Nadar Janaki Ammal College Srivilliputhur Main Road Sivakasi - 626124, Tamilnadu Mobile: 9442666770 e-mail: parames65_c@yahoo.com	Subject Expert – Academic Council Nominee	
3.	Dr.R.Parvathi Associate Professor and Head Department of Mathematics Vellalar College for women Thindal, Erode-638012, Tamilnadu e-mail: parvathi@vcw.ac.in Mobile: 9487323070	Subject Expert – Academic Council Nominee	
4.	Dr. D. Pandiaraja Associate Professor Department of Mathematics Thiagarajar College #139-140. Kamarajar Salai, Madurai - 625009 Mobile: +91 9443475759 e-mail: pandiaraja.d@gmail.com	Subject Expert – University Nominee	
5.	Mr. M.Abdul Rahuman Associate Product Manager Zoho Corporation 140&151, Estancia IT Park Vallancherry Village, Guvancherry Chennai - 603202 Mobile: 8190865951 e-mail: bdulrahumanfazi@gmail.com	Industry Representative	
6.	Dr. B. Mohamed Harif Assistant Professor of Mathematics Rajah Serfoji Government Arts College, Near New Bus Station, Thanjavur-613005 Mobile : 9994289508	Alumni Representative	

MANAGING COMMITTEE

कार्यकारी मंडळाचे

CODE : CSA 009

MEETING NO. / सभा नं _____

DATE / तारीख _____

RESOLUTION NO. ठराव नं	PRESENT MEMBERS AND RESOLUTIONS हजर सभासद व ठराव	REMARKS शेरा
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S.No.	Name	Category	Signature
7.	Mr. N.Abdul Ali Associate Professor	Member	N. Abdul Ali
8.	Dr. R.Jahir Hussain Associate Professor	Member	R. J.
9.	Dr. A.Solai Raju Associate Professor	Member	A. Solai Raju
10.	Dr. A.Nagoor Gani Associate Professor	Member	A. Nagoor Gani
11.	Dr. A.Mohamed Ismayil Associate Professor	Member	A. Mohamed Ismayil
12.	Mr. S.Masoothu Associate Professor	Member	—
13.	Dr.M. Mohamed Jaburallah Assistant Professor	Member	M. Mohamed Jaburallah
14.	Dr.S.Mohamed Yusuff Ansari Assistant Professor	Member	S. Mohamed Yusuff Ansari
15.	Dr.P. Murganatham Assistant Professor	Member	P. Murganatham
16.	Mr.N.Mohamed Thoiyab Assistant Professor	Member	N. Mohamed Thoiyab
17.	Dr.A.Prasanna Assistant Professor	Member	A. Prasanna
18.	Dr.U.Abuthair Assistant Professor	Member	U. Abuthair
19.	Dr.V.Krishnan Assistant Professor	Member	V. Krishnan
20.	Dr.H.Sheik Mujibur Rahman Assistant Professor	Member	H. Sheik Mujibur Rahman
21.	Mr.M.Sathik Jassen Assistant Professor	Member	M. Sathik Jassen
22.	Dr.D.Dhamodharan Assistant Professor	Member	D. Dhamodharan
23.	Dr.S.Shajitha Begum Associate Professor	Member	S. Shajitha Begum
24.	Dr. B.Fathima Kani Assistant Professor	Member	B. Fathima Kani
25.	Mrs B.Shafina Banu Assistant Professor	Member	B. Shafina Banu
26.	Mrs.MS.Afya Farhana Assistant Professor	Member	M.S. Afya Farhana
27.	Dr.K.Thiyagu Assistant Professor School of Education Central University of Kerala Kagaragod, Kerala 9486812800 Mobile :thiyagusuri@gmail.com	Special Invitee	K. Thiyagu 7.3.20

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MEETING NO. / सभा नं _____

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Anupam

RESOLUTION NO. ठराव नं	PRESENT MEMBERS AND RESOLUTIONS हजर सभासद व ठराव	REMARKS शेरा
	The Bos meeting (both Internal & External) was held on 7-3-2020 at Maths Seminar Hall at 10.45am.	
	Dr. S. Iqbal Mohideen, Head & Principal welcomed the gathering. He explained the requirement to change to meet the current trends in the mathematics.	
	The course structure was presented to the members, which is approved in Internal BOS (held on 22-2-2020).	
	The resolutions are:	
	1) Resolved to change the core III in VH into Single paper (instead 2 papers) - Mathematical computing in C++ ^{Computations} as blended learning method.	
	2) Resolved to ^{change} constitute the miniproject with ^{SPSS} as mini project ^{using statistical package} (group)	
	3) Resolved to change the title calculus and Trigonometry as Differential calculus and Trigonometry in VH.	
	4) Resolved to include single Integral concept in the VH syllabus.	
	5) Resolved to change the content in the All India Maths - CS syllabus - Reduce theory in the I Unit and may include sequencing problem in the syllabus & O.R.	

MANAGING COMMITTEE

कार्यकारी मंडळाचे

CODE : CSA 009

MEETING NO. / सभा नं _____

DATE / तारीख _____

RESOLUTION NO. ठराव नं	PRESENT MEMBERS AND RESOLUTIONS हजर सभासद व ठराव	REMARKS शेरा
6)	Resolved to approve the syllabi of (i) Mathematical (ii) Maple and (iii) R programming for implementing DBT Star College Scheme for 2017 regulation students as Value Added course besides Mathematics for Competitive Exams. The course (i), (ii) and (iii) classes will be conducted in AN Session.	
7)	Resolved to change the course outcomes in Mathematics & Finance. in Ph.	
8)	Resolved to approve the syllabi of UH, Ph, M.Phil and Value Added courses / Extra credit (for 2017 regulation) for the academic year 2020-21.	
9)	Resolved to apply B.Voc certificate course on MS office and SPSS w.e.f 2020-21. also approve the syllabi for the same.	
10)	Resolved to approve the panel of Examiners for question Paper Setting and valuation work of our College	
11)	Resolved to submit the corrected versions of syllabus by the respective staff incharge to Dr. RJ on or before 9.3.2020 and for same submitting to CDC of our college on 11.3.2020	
12)	Resolved to ^{ad-opt} approve the regulations frame by Academic council to implement DBT star College Scheme Activities w.e.f 2020-21.	
13)	Finally Major N. Abdul Ali, Head (i/c) proposes a Vote & Thanks.	

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MEETING NO. / सभा नं

DATE / तारीख

Anupam

RESOLUTION NO.	PRESENT MEMBERS AND RESOLUTIONS	REMARKS
उठाव नं	हजर सभासद व उठाव	शेरा
The correct course structure for UH, Ph, M.Phil and others prog. (includes AEC, DSE suggested by CCEC 1 over college)		

B.Sc. MATHEMATICS

SE M	COURSE CODE	PA RT	COURSE	COURSE TITLE	Ins. Hrs /Week	CRE DIT	MARKS		TOT AL
							CIA	ESE	
I	20U1LT1/LA1 /LF1/LH1/LU 1	I	Language – I		6	3	25	75	100
	20UCN1E1	II	English - I		6	3	25	75	100
	20UMA1C1	III	Core – I	Differential Calculus & Trigonometry	5	5	25	75	100
	20UMA1C2		Core – II	Solid Geometry	3	2	25	75	100
	20UMA1A1		Allied –I		5	4	25	75	100
	20UMA1A2	Allied –II		3	2	25	75	100	
	20UCN1VE	IV	AEC	Value Education	2	2	-	100	100
TOTAL					2	2	-	100	100
II	20U2LT2/LA2 /LF2/LH2/LU 2	I	Language – II		30	21			700
					6	3	25	75	100
	20UCN2E2	II	English – II		6	3	25	75	100
	20UMA2C3P	III	Core – III	Mathematical Computations using C++	6	5	25	75	100
					6	5	25	75	100
	20UMA2C4		Core – IV	Classical Algebra	3	2	25	75	100
	20UMA2A3	Allied – III		4	3	25	75	100	
20UMA2A4	Allied –IV		3	2	25	75	100		
20UCN2S1	IV	Skill Enhancement Course - I @	Soft Skills Development	2	2	-	100	100	
TOTAL					2	2	-	100	100
III	20U3LT3/LA3 /LF3/LH3/LU 3	I	Language– III		30	20			700
					6	3	25	75	100
	20UCN3E3	II	English – III		6	3	25	75	100
	20UMA3C5	III	Core– V	Multi variate Calculus	4	4	25	75	100
	20UMA3C6		Core– VI	ODE & Laplace Transforms	3	2	25	75	100
	20UMA3A5		Allied– V	Mathematical Statistics-I	4	3	25	75	100
	20UMA3A6	Allied–VI	Mathematical Statistics-II	3	2	25	75	100	
20UMA3N1	IV	Generic Elective I #		2	2	-	100	100	
20UCN3ES		AEC	Environmental Studies	2	2	-	100	100	
TOTAL					30	21			800
IV	20U4LT4/LA4 /LF4/LH4/LU 4	I	Language–IV		6	3	25	75	100
					6	3	25	75	100
	20UCN4E4	II	English– IV		6	3	25	75	100
	20UMA4C7	III	Core– VII	Advanced Calculus	5	5	25	75	100
	20UMA4C8		Core - VIII	PDE & Fourier Series	3	2	25	75	100
	20UMA4A7		Allied– VII	Mathematical Statistics-III	4	3	25	75	100
	20UMA4A8P	Allied–VIII	Statistical Lab using R and SPSS	4	2	25	75	100	
20UMA4N2	IV	Generic Elective - II#		2	2	-	100	100	
20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-	
TOTAL					30	21			700
V	20UMA5C9	III	Core – IX	Mechanics	6	5	25	75	100
	20UMA5C10		Core – X	Real Analysis	5	5	25	75	100
	20UMA5C11		Core – XI	Algebra	5	5	25	75	100
	20UMA5C12	IV	Core - XII	Numerical Methods	5	5	25	75	100
	20UMA5M1		DSE – I **		5	4	25	75	100
	20UMA5S2P		Skill Enhancement Course II@		2	2	-	100	100
	20UMA5S3	Skill Enhancement Course – III @		2	2	-	100	100	
20UMA5EC1		Extra Credit Course - I	General Intelligence for competitive examinations	-	4*	--	100*	100*	
TOTAL					30	28			700
VI	20UMA6C13	III	Core– XIII	Linear Algebra	5	5	25	75	100
	20UMA6C14		Core– XIV	Complex Analysis	5	5	25	75	100
	20UMA6C15		Core - XV	Number Theory	5	5	25	75	100
	20UMA6C16	IV	Core - XVI	Operations Research	5	5	25	75	100
	20UMA6M2		DSE II **		5	4	25	75	100
	20UMA6M3		DSE III **		4	4	25	75	100
	20UCN6GS	V	AEC	Gender Studies	1	1	-	100	100
20UMA6EC2		Extra Credit Course - II	Mathematics for competitive examinations	-	4*	--	100*	100*	
20UMAEC3		Extra Credit Course for all	Online Course	-	1*	--	-	-	
TOTAL					30	29			700
GRAND TOTAL					180	140	-	-	4300

* Not Considered for Grant Total and CGPA.

CODE : C

RESO

Generic Elective

SEM	COURSE TITLE
III	Quantitative Aptitude
IV	Reasoning Ability

@ Skill Enhancement Courses

SEM	Elective No.	COURSE CODE	COURSE TITLE
V	II	20UMA5S2AP	Maple
		20UMA5S2B	Fuzzy Sets
V	III	20UMA5S3A	Mini Project using e – Mathematical Tool (Group)
		20UMA5S3BP	PageMaker

** Discipline Specific Elective

SEM	D S Elective No.	COURSE CODE	COURSE TITLE
V	I	20UMA5M1A	Graph Theory
		20UMA5M1B	Combinatorics
VI	II	20UMA6M2A	Astronomy
		20UMA6M2B	Data Structures and Algorithms
VI	III	20UMA6M3A	Mathematica and MATLAB
		20UMA6M3B	Z and Fourier Transform

Allied Mathematics for B.Sc. Computer Science

Aimed Mathematics for B.Sc. Computer Science									
SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Ins. Hrs /Week	CREDIT	MARKS		TOTAL
							CIA	ESE	
I	20UMA1A1	III	Allied –I	Calculus and Differential Equations	4	3	25	75	100
	20UMA1A2		Allied –II	Numerical Methods	4	3	25	75	100
			TOTAL		8	6			200
II	20UMA2A3	III	Allied – III	Operations Research	4	3	25	75	100
	20UMA2A4		Allied –IV	Statistics	3	2	25	75	100
			TOTAL		7	5			200
	GRAND TOTAL				15	11	-	-	400

Allied Mathematics for B.Sc. (Physics)

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Ins. Hrs /Week	CREDIT	MARKS		TOTAL
							CIA	ESE	
III	20UMA3A5:2	III	Allied–V	Differential and Integral Calculus	4	3	25	75	100
	20UMA3A6:2		Allied–VI	Algebra and Trigonometry	3	2	25	75	100
			TOTAL		7	5			200
IV	20UMA4A7:2	III	Allied– VII	Differential Equations	4	3	25	75	100
	20UMA4A8:2		Allied–VIII	Vector Calculus and Fourier series	4	2	25	75	100
			TOTAL		8	5			200
	GRAND TOTAL				15	10	-	-	400

Allied Mathematics for B.Sc. (Chemistry)

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Ins. Hrs /Week	CREDIT	MARKS		TOTAL
							CIA	ESE	
III	20UMA3A5:3	III	Allied-V	Differential Calculus	4	3	25	75	100
	20UMA3A6:3		Allied-VI	Algebra and Trigonometry	3	2	25	75	100
			TOTAL		7	5			200
IV	20UMA4A7:3	III	Allied- VII	Ordinary and Partial Differential Equations	4	3	25	75	100
	20UMA4A8:3		Allied-VIII	Statistics and Vector Calculus	4	2	25	75	100
			TOTAL		8	5			200
	GRAND TOTAL				15	10	-	-	400

MINUTE BOOK

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M.Sc. Mathematics

SEM	Course Code	Course	Course Title	Ins. Hrs / Week	Credit	Exam Hrs	Marks		Total
							CIA	ESE	
I	20PMA1C1	Core- I	Algebra-I	6	5	3	25	75	100
	20PMA1C2	Core - II	Real Analysis	6	5	3	25	75	100
	20PMA1C3	Core- III	Classical Dynamics	6	4	3	25	75	100
	20PMA1C4	Core - IV	Ordinary Differential Equations	6	4	3	25	75	100
	20PMA1CE1	DSE - I		6	4	3	25	75	100
			TOTAL	30	22				500
II	20PMA2C5	Core - V	Algebra-II	6	5	3	25	75	100
	20PMA2C6	Core - VI	Complex Analysis	6	5	3	25	75	100
	20PMA2C7	Core- VII	Topology	6	4	3	25	75	100
	20PMA2C8	Core - VIII	Numerical Analysis	6	4	3	25	75	100
	20PMA2CE2	DSE - II #		6	4	3	25	75	100
			TOTAL	30	22				500
III	20PMA3C9	Core- IX	Functional Analysis	6	5	3	25	75	100
	20PMA3C10	Core- X	Partial Differential Equations	6	5	3	25	75	100
	20PMA3C11	Core- XI	Modern Probability Theory	6	4	3	25	75	100
	20PMA3C12	Core- XII	Advanced Graph Theory	6	4	3	25	75	100
	20PMA3CE3 T	DSE - III (a)#		3	2	3	10	40	50
	20PMA3CE3 P	DSE - III (b)#		3	2	3	10	40	50
	20PMA3EC1	Extra Credit Course - I	Online Course (MOOC)	-	1*	-	-	-	-
			TOTAL	30	22				500
IV	20PMA4C13	Core- XIII	Measure theory and integration	6	5	3	25	75	100
	20PMA4C14	Core- XIV	Fluid Dynamics	6	5	3	25	75	100
	20PMA4C15	Core- XV	Integral Equations and Calculus of Variations	6	5	3	25	75	100
	20PMA3CE4	DSE - IV #		6	4	3	25	75	100
	20PMA4PW	Project	Internship and Project Report	6	4	-	-	100	100
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-	-
	20PMA4EC2	Extra Credit Course - II	Mathematics for career examinations	-	5*	3	-	100	100*
			TOTAL	30	24				500
			GRAND TOTAL		90				2000

*Not considered for grand total and CGPA

Discipline Specific Electives

SEMESTER	Course Code	DISCIPLINE SPECIFIC ELECTIVE
I	20PMA1CE1A	Mathematics of Finance
	20PMA1CE1B	Control Theory
II	20PMA2CE2A	Fuzzy Analysis & its Applications
	20PMA2CE2B	Mathematical Methods in Biology
III	20PMA3CE3AT	Python Programming
	20PMA3CE3AP	Python Programming - Practical
	20PMA3CE3B	Computer Algorithms
IV	20PMA4CE4A	Advanced Operations Research
	20PMA4CE4B	Stochastic Processes

MANAGING COMMITTEE

कार्यकारी मंडळाचे

CODE : CSA 009

MEETING NO. / सभा नं _____

DATE / तारीख _____

RESOLUTION
NO.

ठराव नं

PRESENT MEMBERS AND RESOLUTIONS

हजर सभासद व ठराव

REMARKS

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M.Phil. Mathematics

SEM	SUB CODE	COURSE	SUBJECT TITLE	HRS / WEEK	CREDIT	CIA Mark	ESE MARK	TOTAL MARK
I	20MPMA 1C1	CORE I	Research Methodology	4*	4	25	75	100
	20MPMA 1C2	CORE II	Analysis and Applied Mathematics	4*	4	25	75	100
	20MPMA 1C3	CORE III	Teaching & Learning Skills (Common Paper)	4*	4	25	75	100
	20MPMA 1C4	CORE IV (Elective)	Paper on Topic of Research (The syllabus will be prepared by the guide and examination will be conducted by the COE)	4*	4	25	75	100
	*One hour library for each course							
TOTAL				16*	16	100	300	400
II	20MPMA2PD		Dissertation##	-	8	-	-	200
GRAND TOTAL				-	24	-	-	600

##Evaluation of the Dissertation and Viva Voce shall be made jointly by the Research Supervisor and the External Examiner.