Thrithala Government Arts and Science College

Thrithala, Palakkad

679534

PH:04662270321

(Affiliated to Calicut university)

UNIVERSITY OF CALICUT

Courses Offered

PG

1.MSc mathematics with data science

UG

1.B. Com (Finance)

2.Bsc Mathematics

3. Ba English Language and Literature

MEMBERS OF THE COLLEGE COUNCIL

1.Dr. Jayakrishnan.A : (Principal in Charge)

2: Ramesh.N: : (Vice Principal)

3.Anulakshmi: : (Hod Of English)

4: Dr. Deepthi   : (Hod Of maths)

5.Savitha Rani   :   (Hod Of Malayalam)

6.Dr. Anwar   : (Hod Of Physical Education)

7.Rekha   : (Asst.Professor In Commerce)

8.Jayajothi   :   (Sr:Supt)

9.Hima   : (Librarian)

FEE STRUCTURE

 BA/B.Com./ B.Sc.

a. Application fee   Rs.35/-

b. Each theory paper

 First appearance   Rs. 40/

 Supplementary   Rs.60/-

 Improvement   Rs.85/-

c. Each practical:

First appearance   Rs.60/-

  Supplementary/improvement

i. Rs.170/- for each subsidiary

 ii. Rs.445/- for part III main

   d. Project/Dissertation evaluation   Rs.85/-

     e. Viva Voce   Rs.50/-

   f. Mark list fee   Rs.40/-

g. CV Camp fee :   i. Rs.170/- First appearance candidates

  ii. Rs.40/- per paper for supplementary/improvement candidates
(subject to a maximum of Rs. 170/- irrespective of whether

appearing for the examination during the course or after
completion of the course)

 M.A./M.Sc./M.Com.   (Semester Courses)

 a. Application fee Rs.35

b. Each theory paper: First appearance Rs.85

c. Improvement /Supplementary   Rs.170

d. Each practical   Rs.170

f. Project Report/Dissertation evaluation Rs.115/

e. Viva Voce   Rs.115/

g. Mark list fee   :40

   h. CV Camp fee   Rs.170/- (for first appearance/subsequent
appearances   irrespective of the
number of papers appearing for)

REGULATIONS FOR CHOICE BASED CREDIT AND SEMESTER SYSTEM FOR UNDER GRADUATE (UG) CURRICULUM -2019

(CBCSSUG 2019 on words)

Ability Enhancement courses/Audit courses: These are courses which are mandatory for a

programme but not counted for the calculation of SGPA or CGPA. There shall be one Audit

course each in the first four semesters. The list of passed students must be sent to the

University from the colleges at least before the fifth semester examination. The list of

courses in each semester with credits are given below.

Course with credit	Semester
Environment Studies – 4	1
Disaster Management - 4	2
*Human Rights/Intellectual Property Rights/ Consumer Protection - 4	3
*Gender Studies/Gerontology- 4	4

   * Colleges can opt any one of the courses.

Duration: The duration of a UG programme shall be 6 semesters distributed over a period of

3 academic years. The odd semesters (1,3,5) shall be from June to October and the even

semesters (2,4,6) shall be from November to March

Attendance: A student shall be permitted to appear for the semester examination, only if

he/she secures not less than 75% attendance in each semester. Condonation of shortage of

attendance to a maximum of 10%in the case of single condonation .Participation in

activities may be treated as presence in lieu of their absence on production of participation/attendance certificate (within two weeks) in curricular/extracurricular activities (maximum 9 days in a semester).

Improvement course: Improvement of a particular semester can be done only once. The student shall avail of the improvement chance in the succeeding year after the successful completion of the semester concerned

Open courses: There shall be one open course in core subjects in the fifth semester
Course Evaluation

The evaluation scheme for each course shall contain two parts

1) Internal assessment 2) External Evaluation

20% weight shall be given to the internal assessment. The remaining 80% weight shall be forthe external evaluation.

Internal Assessment
Components with percentage of marks of Internal Evaluation of Theory Courses are-Test paper40%, Assignment 20%, Seminar 20% and Class room participation based on attendance 20%.

Split up of marks for Test paper

Range of Marks in testpaper	Out of 8 (Maximum internal marks is 20)	Out of 6 (Maximum internal marks is 15)
Less than 35%	1	1
35% - 45%	2	2
45% - 55%	3	3
55% - 65%	4	4
65% -85%	6	5
85% -100%	8	6

Split up of marks for Calss Room Participation

Range of CRP	Out of 4 (Maximum internal marks is 20)	Out of 3 (Maximum internal marks is 15)
50% $\leq$ CRP $<$ 75%	1	1
75% $\leq$ CRP $<$ 85%	2	2
85 % and above	4	3

INDIRECT GRADING SYSTEM

An aggregate of P grade (after external and internal put together) is required in each course for a pass and also for awarding a degree (A minimum of 20% marks in external evaluation

is needed for a pass in a course. But no separate pass minimum is needed for internal evaluation). No separate grade/mark for internal and external will be displayed in the grade card; only an aggregate grade will be displayed. Also the aggregate mark of internal and external are not displayed in the grade card.

Method of Indirect Grading

Evaluation (both internal and external) is carried out using Mark system. The Grade on the basis of total internal and external marks will be indicated for each course, for each semester and for the entire programme.

Indirect Grading System in 10 -point scale is as below:

Ten Point Indirect Grading System

Percentage of Marks (Both Internal &External put together)	Grade	Interpretation	Grade point Average (G)	Range of grade points	Class
95 and above	O	Outstanding	10	9.5 -10	First Class with Distinction
85 to below 95	A+	Excellent	9	8.5 -9.49	
75 to below 85	A	Very good	8	7.5 -8.49	
65 to below 75	B+	Good	7	6.5 -7.49	First Class
55 to below 65	B	Satisfactory	6	5.5 -6.49	
45 to below 55	C	Average	5	4.5 -5.49	Second Class
35 to below 45	P	Pass	4	3.5 -4.49	Third Class
Below 35	F	Failure	0	0	Fail
Incomplete	I	Incomplete	0	0	Fail
Absent	Ab	Absent	0	0	Fail

SGPA Calculation

Semester I Course Code	Course Name	Grade Obtained	Grade point (G)	Credit (C)	Credit point (CXG)
xxxxxxx	Xxxxxxx	A	8	4	32
xxxxxxx	Xxxxxxxxxx	C	5	3	15
xxxxxxx	Xxxxxxxxxx	A+	9	4	36
xxxxxxx	Xxxxxxxxxx	B+	7	3	21
xxxxxxx	Xxxxxxxxx	P	4	3	12
xxxxxxx	Xxxxxxxxx	C	5	4	20

SGPA = **Sum of the Credit points of all courses in a semester**
Total Credits in that semester

$$\text{SGPA} = \frac{32+15+36+21+12+20}{21} = \frac{136}{21}$$

SGPA = 6.476

Percentage of marks of semester I = (SGPA/10) x 100 = 64.76 %

CGPA Calculation

$$\text{CGPA} = \frac{\textit{Total Credit points obtained in six semesters}}{\textit{Total Credits acquired (120)}}$$

Example

CGPA = 136 + 145 + 161 + 148 + 131 + 141 / 120 = 862/120

CGPA = 7.183

Question paper type 1

Scheme of Examinations:

The external QP with 80 marks and Internal examination is of 20 marks. Duration of each external examination is 2.5 Hrs. The pattern of External Examination is as given below. The students can answer all the questions in Sections A&B. But there shall be Ceiling in each section.

Section A

Short answer type carries 2 marks each - 15 questions   Ceiling - 25

Section B

Paragraph/ Problem type carries 5 marks each - 8 questions   Ceiling - 35

Section C

Essay type carries 10 marks (2 out of 4)   2X10=20

Question paper type 2 Scheme of Examinations:

The external QP with 60 marks and Internal examination is of 15 marks. Duration of each external examination is 2 Hrs. The pattern of External Examination is as given below. The students can answer all the questions in Sections A & B. But there shall be Ceiling in each section.

Section A

Short answer type carries 2 marks each - 12 questions   Ceiling - 20

Section B

Paragraph/ Problem type carries 5 marks each - 7 questions   Ceiling - 30

Section C

Essay type carries 10 marks (1 out of 2)   1X10=10

Choice Based Credit Semester System PG - CBCSS PG

Regulations 2019 - Regulations for Post-Graduate Programme

w.e.f. 2019 admissions-

PROGRAMME STRUCTURE

Three types of courses :

Core courses,

Elective courses

Audit Courses

Audit Courses : In addition to the above courses there will be two Audit Courses(*Ability Enhancement Course & Professional Competency Course)* with **4** credits each. These have to be done one each in the first two semesters

Semester	Course Title	Suggested Area	Details
I	Ability Enhancement Course (AEC)	Internship / Seminar presentation / Publications / Case study analysis / Industrial or Practical Training /Community linkage programme / Book reviews etc.	Concerned BoS can design appropriate AEC & PCC and evaluation criteria by considering the relevant aspects in the core area of the faculty under study.
II	Professional Competency Course (PCC)	To test the skill level of students like testing the application level of different softwares such as SPSS/R/ Econometrics / Pythan/Any software relevant to the programme of study / Translations etc.	

EVALUATION AND GRADING

Primary evaluation for Internal and External shall be based on 6 letter grades (**A+, A, B, C, D and E**) with numerical values (Grade Points) of **5, 4, 3, 2, 1 & 0** respectively.

Components For Internal Evaluation Are as Follows:

(a) Theory:			
Sl.No	Component	Percentage	Weightage
1	Examination /Test	40%	2
2	Seminars / Presentation /Viva-Voce	20%	1
3	Assignment	20%	1
4	Attendance	20%	1

	(b) Practical :		
1	Lab Skill	40%	4
2	Records/viva	30%	3
3	Practical Test	30%	3

Grades shall be given for the internal evaluation are based on the grades A+,A,B,C,D&E with grade points 5,4,3,2, 1 &0 respectively.

There shall be no separate minimum Grade Point for internal evaluation

Attendance of each course will be evaluated as follows;

ATTENDANCE	GRADE POINT
95-100	5
90-94.9	4
85-89.9	3
80-84.9	2
75-79.9	1

Weightage: Different types of questions shall be given different weightages to quantify their range given in the following model:

Sl. No.	Type of Questions	Individual weightage	Total Weightage	Number of questions to be answered
1	Short Answer type questions	2	2 x 4 = 8	4 out of 7
2	Short essay/ problem solving type	3	3 x 4 = 12	4 out of 7
3	Long Essay type questions	5	5 x 2 = 10	2 out of 4
Total			**30**	**18**

For all courses (Theory & Practical)/Semester/Overall Programme, Letter grades and GPA/SGPA/CGPA are given on the following way :

First Stage Evaluation for both Internal and External done by the Teachers concerned in the following Scale

Grade	Grade Points
A+	**5**
A	**4**

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B	**3**
C	**2**
D	**1**
E	**0**

a) Grade range for internal examination is as follows;

Average grade Point (2 tests)	Grade for Tests	Grade Points for tests
4.5 to 5	A+	5
3.75 to 4.49	A	4
3 to 3.74	B	3
2 to 2.99	C	2
Below 2	D	1
Absent	E	0

b) The Grade Range for both Internal & External shall be:

Letter Grade	Grade Range	Range of Percentage (%)	Merit / Indicator
O	4.25 – 5.00	85.00 – 100.00	Outstanding
A+	3.75 – 4.24	75.00 – 84.99	Excellent
A	3.25 – 3.74	65.00 – 74.99	Very Good
B+	2.75 – 3.24	55.00 – 64.99	Good
B	2.50 – 2.74	50.00 – 54.99	Above Average
C	2.25 – 2.49	45.00 – 49.99	Average
P	2.00 -2.24	40.00 – 44.99	Pass
F	< 2.00	Below 40	Fail
I	0	-	Incomplete
Ab	0	-	Absent

'B 'Grade lower limit is 50% and 'B+' Grade lower limit is 55%

BACHELOR OF COMMERCE DEGREE PROGRAMME UNDER CBCSSUG 2019

Medium of Instruction

The medium of instruction and examination shall be English.

Courses of study

Total number of courses (other than audit courses) for the whole B.Com Programme is 31. It is dividedin to courses namely:-

1. Common courses
2. Core courses
3. Complementary courses and
4. Open courses

The course of study leading to the award of B.Com shall comprise the following:-

Semester I

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Common	BCM1A01(English)	4	3	15	60	75
Common	BCM1A02 (English)	5	3	15	60	75
Common	BCM1A07 (Language)	5	4	20	80	100
Core	BCM1B01 Business Management	6	4	20	80	100
Compl.	BCM1C01 Managerial Economics	5	4	20	80	100
	Total	25	18	90	360	450

Semester II

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Common	BCM2A03 (English)	4	4	20	80	100
Common	BCM2A04 (English)	5	4	20	80	100
Common	BCM2A08 (Language)	5	4	20	80	100
Core	BCM2B02 Financial Accounting	6	4	20	80	100
Compl.	BCM2C02 Marketing Management	5	4	20	80	100
	Total	25	20	100	400	500

Semester III

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Common	BCM3A11 Basic Numerical Methods	5	4	20	80	100
Common	BCM3A12 Professional Business Skills	5	4	20	80	100
Core	BCM3B03-Business regulation	4	4	20	80	100
Core	BCM3B04 Corporate Accounting	6	4	20	80	100
Compl.	BCM3C03 Human Resources Management	5	4	20	80	100
	Total	25	20	100	400	500

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Semester IV

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Common	BCM4A13 Entrepreneurship Development	5	4	20	80	100
Common	BCM4A14 Banking and Insurance	5	4	20	80	100
Core	BCM4B05 Cost Accounting	6	4	20	80	100
Core	BCM4B06 Corporate Regulations	4	4	20	80	100
Compl.	BCM4C04 Quantitative Techniques for Business	5	4	20	80	100
	Total	25	20	100	400	500

Semester V

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Core	BCM5B07 Accounting for Management	5	4	20	80	100
Core	BCM5B08 Business Research Methods	4	4	20	80	100
Core	BCM5B09 Income Tax Law and Accounts	5	4	20	80	100
Core	BCM5B10 Course in Specialisation	4	4	20	80	100
Core	BCM5B11 Course in Specialisation	4	4	20	80	100
Open	BCM5D01 Open Course (For students from other Departments)	3	3	15	60	75
	Total	25	23	115	460	575

Semester VI

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Core	BCM6B12 Income Tax and GST	6	4	20	80	100
Core	BCM6B13 Auditing and Corporate Governance	5	4	20	80	100
Core	BCM6B14 Course in Specialisation	5	4	20	80	100
Core	BCM6B15 Course in Specialisation	5	5	20	80	100
Core Project	BCM6B16 (PR) Three Weeks Project and Viva-Voce	4	2	15	60	75
	Total	25	19	95	380	475

Core Courses in the area of Specialization:
A.   Finance
1.   Financial Markets and Services. B10
2.   Financial Management. B11
3.   Fundamentals of Investments. B14
4.   Financial Derivatives. B15

Open Courses (For students from other departments)

1..   Basic Accounting

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Project Report

The report shall be in English with not less than 30 pages, printed or typed (A4 size paper, 1.5 line spacing, Times New Roman font, font size 14) and spiral bound.

Duration of project work: The duration of the project work shall be 3 weeks.

PASS CONDITIONS

Submission of the Project Report and presence of the student for viva are compulsory for

internal evaluation. No marks shall be awarded to a candidate if she/ he fail to submit the

Project Report for external evaluation.

There shall be no improvement chance for the Marks obtained in the Project Report.

In the extent of student failing to obtain a minimum of Pass Grade, the project work may be

re-done and a new internal mark may be submitted by the Parent Department. External

examination may be conducted along with the subsequent batch.

Viva-Voce
At the end of sixth semester candidate shall attend a project-based viva voce

Industrial Visit
The fourth semester students of affiliated colleges shall be taken under the supervision of faculty members to business or industrial units so as to enable them to have first-hand knowledge about the location, layout, managerial functions.

DEPARTMENT OF COMMERCE
GOVT ARTS AND SCIENCE COLLEGE THRITHALA
STUDENT DETAILS- SECOND YEAR (2020 ADMISSION)

Sl No	Name	SL	CATEGORY
1	AFSATH K A	ARABIC	OBC(MU)
2	ASHIF T	ARABIC	OBC(MU
3	FASNA K A	ARABIC	OBC(MU
4	HAROON RASHEED P	ARABIC	OBC(MU
5	HISANA THESNI T A	ARABIC	OBC(MU
6	MOHAMMED AZUHAR V P	ARABIC	OBC(MU
7	RINSIYA P V	ARABIC	OBC(HI)
8	AJAYKRISHNA NG	HINDI	OBC(HI)
9	ANAGHA K P	HINDI	OBC(HI)
10	ARFAS V K	HINDI	OBC (MU)
11	ARUNIMA V G	HINDI	GEN
12	GAYATHRI S	HINDI	GEN
13	HUSNA BHANU	HINDI	OBC(MU)
14	JAHANA SHIRIN C	HINDI	OBC(MU)

15	KAVYAKESAV K	HINDI	GEN
16	KOUSALYA P	HINDI	OBC(HI)
17	RAMEENA P	HINDI	OBC(MU)
18	SUJANYA P K	HINDI	OBC(H)
19	AAVANI P V	MALAYALAM	GEN
20	AKHILA O K	MALAYALAM	SC
21	ANILA OK	MALAYALAM	SC
22	ANUGRAHA T	MALAYALAM	OBC(H)
23	ANUPAMA N M	MALAYALAM	SC
24	APARNAKRISHNA G	MALAYALAM	OBC(H)
25	ARATHY P M	MALAYALAM	GEN
26	ASWATHI C P	MALAYALAM	GEN
27	ASWATHI V P	MALAYALAM	OBC(H)
28	ATHIRA HARIDASAN	MALAYALAM	OBC(HI)
29	BHAVEENA K	MALAYALAM	SC
30	BINCY P	MALAYALAM	OBC(H)
31	BLESSY JAISON C	MALAYALAM	GEN
32	DEVIKA N	MALAYALAM	OBC(HI)
33	HIBA T P	MALAYALAM	OBC(M)
34	JAHANA SHIRIN M K	MALAYALAM	OBC(M)
35	KLARA TINSY GEORGE	MALAYALAM	GEN
36	MOHAMMED FAYIS A M	MALAYALAM	OBC(M)
37	NANDANA M S	MALAYALAM	SC
38	NAVYA NARAYANAN E P	MALAYALAM	GEN
39	NIJO	MALAYALAM	OBX
40	NIKHILA V S	MALAYALAM	OBC(HI)
41	RANJITHA T	MALAYALAM	SC
42	RESMI V	MALAYALAM	GEN
43	SAJIN K P	MALAYALAM	SC
44	SALMANUL FARIS V P	MALAYALAM	OBC(M)
45	SHABEEBA SHANA A P	MALAYALAM	OBC(M)
46	SIDHARTH M	MALAYALAM	GEN
47	SREELAKSHMI RAJ P P	MALAYALAM	SC
48	SREESHMA P	MALAYALAM	OBC(HI)
49	SUDHEESH E	MALAYALAM	SC
50	VISHNU D	MALAYALAM	ST

DEPARTMENT OF COMMERCE
GOVT ARTS AND SCIENCE COLLEGE THRITHALA
STUDENT DETAILS- THIRD YEAR (2019 ADMISSION)

SI NO	NAME	SL
1	HINA YASMIN	ARABIC

2	MUHSINA K	ARABIC
3	SHABNAM P	ARABIC
4	MOHAMMED SUHAIB P	ARABIC
5	MUHAMMED MURSHID PT	ARABIC
6	AATHIRA K DAS	HINDI
7	ADITHYA CP	HINDI
8	ANJITHA DAS KH	HINDI
9	ASWATHI P	HINDI
10	ATHIRA K	HINDI
11	HASNA MV	HINDI
12	SHEHA K	HINDI
13	SOUPARNIKA K A	HINDI
14	THESSINI	HINDI
15	ARJUN RAJ T	HINDI
16	MOHAMMED NISAMUDHEEN K	HINDI
17	AMRUTHA V M	HINDI
18	ANASWARA M	HINDI
19	ANJU KRISHNA NU	HINDI
20	ANUPAMA G D	HINDI
21	ANUSHA K	HINDI
22	ARATHI M M	HINDI
23	ARDRA K A	HINDI
24	ASWATHI N P	HINDI
25	HRIDYA SHAJI	HINDI
26	KARTHIKA	HINDI
27	NEELAMBARI T S	HINDI
28	NEETHU P	HINDI
29	REVATHI M	HINDI
30	ROUSHINA P P	HINDI
31	SANDRA P N	HINDI
32	SAREENA M	HINDI
33	SHYAMA KRISHNA K	HINDI
34	SILPA K RADHAKRISHNAN	HINDI
35	SILPA K V	HINDI

36	SILPA P	HINDI
37	SREELAKSHMI B PRAKASH	HINDI
38	SUDHANYA P	HINDI
39	ADIL P	MALAYALAM
40	AMALDEV K	MALAYALAM
41	AMAL JAMES	MALAYALAM
42	AMAL MADHAV T	MALAYALAM
43	ASWIN S	MALAYALAM
44	MOHAMMED SHAHID	MALAYALAM
45	MUHAMMED AFLAH K P	MALAYALAM
46	MUHAMMED RASHID M	MALAYALAM
47	RAHUL M B	MALAYALAM
48	SARATH P	MALAYALAM
49	SHARON SHAJI	MALAYALAM
50	SHITHIN	MALAYALAM

B.A. PROGRAMME IN ENGLISH LANGUAGE AND LITERATURE (CBCSS-UG)

CHOICE BASED CREDIT SEMESTER SYSTEM (CBCSS)

Semester 1

Core Papers(1)

Course code& Subject title

1. ENG1B01- INTRODUCING LITERATURE

Complementary Course

Course code& Subject title

JOU1(2)C01- INTRODUCTION TO COMMUNICATION AND JOURNALISM

General Papers (2)

Course code& Subject title

1.ENG1A01- TRANSACTIONS-ESSENTIAL

ENGLISH LANGUAGE SKILLS

2.ENG1A02-WAYS WITH WORDS -LITERATURE IN ENGLSH

Second Language

Malayalam

Course code& Subject title

MAL1A07(1)- MALAYALA SAHITHYAM 1

Hindi

Course code& Subject title

HIN1A07(1)- PROSE AND DRAMA

ARABIC

Course code& Subject title

ARB1A07(1)-LANGUAGE SKILLS IN ARABIC

Semester 2

Core Papers(1)

Course code& Subject title

ENG2B02- APPRECIATING POETRY

Complementary Course

Course code& Subject title

(ICP1(2)C01)- INDIAN CONSTITUTION AND POLITICS: BASIC FEATURES AND GOVERNMENTAL STRUCTURES

General Papers

Course code& Subject title

ENG2A03- WRITNG FOR ACADAMICAND PROFESSIONAL SUCCESS

ENG2A04- ZEITGEIST: READINGS ON CONTEMPORARY CULTURE

Second Language

Malayalam

Course code& Subject title

MAL2A08 (1)- MALAYALA SAHITHYAM 2

Hindi

Course code& Subject title

HIN2A08(1)- GRAMMAR AND TRANSLATION

ARABIC

Course code& Subject title

ARB2A08(1)- APPRECIATING ARABIC LITERATURE

Semester 3

Core Papers (2)

Course code& Subject title

ENG3B03- APPRECIATING PROSE

ENG3B04- ENGLISH GRAMMAR AND USAGE

Complementary Course

Course code& Subject title

(ICP4(3) CO2)- INDIAN CONSTITUTION AND POLITICS: FEDERALISM, DECENTRALIZATION AND POLITICAL DYNAMICS

General Papers

Course code& Subject title

ENG3A05- SIGNATURES: EXPRESSING THE SELF

Second Language

Malayalam

Course code& Subject title

   MAL3A09- MALAYALA SAHITHYAM 3

Hindi

Course code& Subject title

   HIN3A09- POETRY IN HINDI

ARABIC

Course code& Subject title

   ARB3A09- READING ARABIC PROSE AND POETRY

Semester 4

Core Papers (2)

Course code& Subject title

   ENG4B05 – APPRECIATING FICTION

   ENG4B06- LITERARY CRITICISM

Complementary Course

Course code& Subject title

   JOU4(3)C01- JOURNALISTIC PRACTICES

General Papers

 Course code& Subject title

   ENG4A06- SPECTRUM- LITERATURE AND CONTEMPORARY ISSUES

Second Language

Malayalam

Course code& Subject title

MAL4A10 – MALAYALAM SAHITHYAM 4

Hindi

Course code& Subject title

HIN4A10- NOVEL AND SHORT STORIES

ARABIC

Course code& Subject title

ARB4A10- ARABIC LITERATURE AND CULTURE

Semester 5

Core Papers

Course code& Subject title

ENG5B07- APPRECIATNG DRAMA AND THEATRE

ENG5B08- LITERARY THEORY

ENG5B09- LANGUAGE AND LINGUISTICS

ENG5B10 – INDIAN WRITNG IN ENGLISH

Open courses

Course code& Subject title

SerialNo.	COURSE CODE	SEMESTER	TITLE OF THE COURSE	HRS/WK	CREDITS
1	ENG5D01	5	ENGLISH FOR COMPETITIVE EXAMINATIONS	3	3

Semester 6

Core papers

Course code& Subject title

ENG6B11- VOICES OF WOMEN

ENG6B12- CLASSICS OF WORLD LITERATURE

ENG6B13-FILM STUDIES

ENG6B14- NEW LITERATURES IN ENGLISH

Elective ENG6B17- WRITING FOR THE MEDIA

PROJECT ENG6B21- PROJECT

Study Tour
Students may be taken on a study tour to any of the premier institutions of language, culture, art, film or mediawithin the country during the Vth or VIth semesters

3rd Semester Students List (2020 admission)

no	Name of Student	2nd Lang.	P.Number	E- mail ID
1	Fathima Nitha E V	Arabic	9048238752	fathimanithaev@gmail.com
2	Hamna M T	Arabic	9526161167	hamnabasheer2003@gmail.com
3	Jubairiya S V	Arabic	7591912434	jubzbinthkahab@gmail.com
4	Muhammed Naseef	Arabic	8943429026	nazoozamk916@gmile.com
5	Thasneema T	Arabic	9946140408	shabeerthasneema24@gmail.com
6	Athira T N	Hindi	9656734611	athiratn.18@gmail.com
7	Mayookha K M	Hindi	9747658708	mayookhamohandas76@gmail.com
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B.Sc. MATHEMATICS

Complementary 1: Computer Science
Complementary 2: Statistics

Sl. No		Code	Name of the course
			Semester I
1	core	MTS1B01	Basic Logic and Number Theory
2	Comp. 1	CSC 1 C 01	COMPUTER FUNDAMENTALS

3	Comp. 2	STA 1 C 01	INTRODUCTORY STATISTICS
4	English	ENG 1 A 01	TRANSACTIONS-ESSENTIAL ENGLISH LANGUAGE SKILLS
5	English	ENG 1 A 02	WAYS WITH WORDS – LITERATURES IN ENGLISH
6	Arabic	ARB 1 A 07(1)	LANGUAGE SKILLS IN ARABIC
	Hindi	HIN 1 A 07(1)	PROSE AND DRAMA
	Malayalam	MAL 1 A 07(1)	MALAYALASAAHITHYAM- 1

Semester II

1	Core	MTS2B02	Calculus of Single variable-1
2	Comp. 1	CSC 2 C 02	FUNDAMENTALS OF SYSTEM SOFTWARE, NETWORKS AND DBMS
3	Comp. 2	STA 2 C 02	PROBABILITY THEORY
4	English	ENG 2 A 03	WRITING FOR ACADEMIC AND PROFESSIONAL SUCCESS
5	English	ENG 2 A 04	ZEITGEIST-READINGS ON CONTEMPORARY CULTURE
6	Arabic	ARB 2 A 08(1)	APPRECIATING ARABIC LITERATURE
	Hindi	HIN 2 A 08(1)	GRAMMAR AND TRANSLATION
	Malayalam	MAL 2 A 08(1)	MALAYALASAAHITHYAM- 2

Semester III

1	Core	MTS3B03	Calculus of Single variable-2
2	Comp.1	CSC 3 C 03	PROBLEM SOLVING USING C
3	Comp.2	STA 3 C 03	PROBABILITY DISTRIBUTIONS AND SAMPLING THEORY
4	English	ENG 3 A 05	SIGNATURES- EXPRESSING THE SELF
5	Arabic	ARB 3 A 09	READING ARABIC PROSE AND POETRY
	Hindi	HIN 3 A 09	POETRY IN HINDI
	Malayalam	MAL 3 A 09	MALAYALASAAHITHYAM- 3

Semester IV

1	Core	MTS4B04	Linear Algebra
2	Comp.1	CSC 4 C 04	DATA STRUCTURER USING C
3	Computer Practical	CSC 4 C 05	PROGRAMMING LAB : C AND DATA STRUCTURES
4	Comp.2	STA 4 C 04	STATISTICAL INFERENCE AND QUALITY CONTROL
5	English	ENG 4 A 06	SPECTRUM- LITERATURE AND CONTEMPORARY ISSUES
6	Arabic	ARB 4 A 10	ARABIC LITERATURE AND CULTURE
	Hindi	HIN 4 A 10	NOVEL AND SHORT STORIES
	Malayalam	MAL 4 A 10	MALAYALASAAHITHYAM- 4

Semester V

1	Core	MTS5B05	Theory of Equations and Abstract Algebra
2	Core	MTS5B06	Basic Analysis
3	Core	MTS5B07	Numerical Analysis
4	Core	MTS5B08	Linear Programming

5	Core	MTS5B09	Introduction to Geometry
6			Open Course (Offered by Other Departments)
	Mathematics Open course for other departments	MTS5D04	Mathematics for Decision Making

Semester VI			
1	Core	MTS6B10	Real Analysis
2	Core	MTS6B11	Complex Analysis
3	Core	MTS6B12	Calculus of Multi variable
4	Core	MTS6B13	Differential Equations
5	Core	MTS6B14 MTS6B14(E01)	Elective Graph Theory
6	Project Viva	MTS6P15(PR)	Project Viva

Evaluation of Project

Internal assessment of Project (15 Marks)

(Supervising Teacher will assess the Project and award internal Marks)

Sl. No.	Components	Internal Marks
1	Originality	3
2	Methodology	3
3	Scheme / Organization of Report	4.5
4	Viva Voce	4.5
	Total	15

External Evaluation of Project (60 Marks)

(To be done by the External Examiner appointed by the University)

Sl. No.	Components	External Marks
1	Relevance of the Topic, Statement of Objectives	12
2	Reference/ Bibliography, Presentation, quality of Analysis/ Use ofStatistical Tools.	12
3	Findings and recommendations	18
4	Viva-Voce	18
	Total	60

M.Sc. Mathematics with Data Science

SEMESTER 1   **Total Credits:20**

Course Code	Title of the Course	No. of credits	Work Load Hrs./Week	Core/ Audit Course
MTD 1 C 01	Algebra	4	5	Core
MTD 1 C 02	Linear Algebra	4	5	Core
MTD 1 C 03	Real Analysis	4	5	Core
MTD 1 C 04	Measure and Probability	4	5	Core
MTD 1 C 05	Statistical Inference and Computing using R	4	5	Core
MTD 1 A 01	Ability Enhancement Course	4	0	Audit Course

SEMESTER 2   **Total Credits:20**

Course Code	Title of the Course	No. of credits	Work Load Hrs./Week	Core/ Audit Course
MTD 2 C 06	Discrete Mathematics	4	5	Core
MTD 2 C 07	Number Theory	4	5	Core
MTD 2 C 08	Differential Equations	4	5	Core
MTD 2 C 09	Topology	4	5	Core
MTD 2 C 10	Regression Techniques and Time SeriesAnalysis	4	5	Core
MTD 2 A02	Professional Competency Course- **Technical writing with LATEX**	4	0	Audit Course

SEMESTER 3   **Total Credits:18**

Course Code	Title of the Course	No. of credits	Work Load Hrs./Week	Core/ Audit Course
MTD 3 C 11	Multivariable Calculus and Geometry	4	5	Core
MTD 3 C 12	Complex Analysis	4	5	Core
MTD 3 C 13	Functional Analysis	4	5	Core
MTD 3 C 14	Sampling Theory and Design & Analysisof Experiments	3	5	Core
MTD 3 E 02	Elective I*- Machine Learnings Essentials	3	5	Elec.

SEMESTER 4 Total Credits:22

Course Code	Title of the Course	No. ofcredits	Work Load Hrs./Week	Core/ Audit Course
MTD 4 C 15	Multivariate Techniques and Data Science	3	4	Core
MTD 4 E 07	Elective II**- Measure and Integration	3	5	Elec.
MTD 4 E 09	Elective III**- Operations Research	3	5	Elec.
	Elective IV**	3	5	Elec.
MTD 4 P 01	Project	4	5	Core
MTD 4 L 01	Statistical Computing using R-(Practical)	2	2	
MTD 4 V 01	Viva Voce	4		Core

∗ This Elective is to be selected from list of elective courses in third semester.

MTD 1 C 05: Statistical Inference and Computing using R
MTD 2 C 10: Regression Techniques and Time Series Analysis
MTD 3 C 14: Sampling Theory and Design & Analysis of Experiments
MTD 4 C 15 : Multivariate Techniques and Data Science

ABILITY ENHANCEMENT COURSE(AEC)

Successful fulfilment of any one of the following shall be considered as the completion of AEC**.**
(i) Internship, (ii) Class room seminar presentation, (iii) Publications, (iv) Case study analysis,

(v) Paper presentation, (vi) Book reviews. A student can select any one of these as AEC.

Internship: Internship of duration 5 days under the guidance of a faculty in an institution/departmentother than the parent department. A certificate of the same should be obtained and submitted to the parent department.
Class room seminar: One seminar of duration one hour based on topics in mathematics and datascience beyond the prescribed syllabus.

Publications: One paper published in conference proceedings/ Journals. A copy of the same shouldbe submitted to the parent department.

Case study analysis: Report of the case study should be submitted to the parent department.

Paper presentation: Presentation of a paper in a regional/ national/ international seminar/conference.A copy of the certificate of presentation should be submitted to the parent department.

Book Reviews: Review of a book. Report of the review should be submitted to the parent department.

PROFESSIONAL COMPETENCY COURSE (PCC)

A student can select any one of the following as Professional Competency course:
   1. **Technical writing with LATEX.**

   2. **Scientific Programming with Scilab**

Govt.Arts & Science College ,Thrithala, Palakkad	
Name List : M.Sc. Mathematics with data science 2020 admissions	
Roll no	NAME
1	ASWATHY VS
2	BANZIA NAZRIN S
3	DELNA KT
4	DEVIKA K

5	MANEESHA KM
6	RESHMA MOHANAN NM
7	SHAFEENA P
8	SILPA ES
9	SUBAIDHA RISVI C
10	SUMAYYA MP
11	SURYA M
12	SWATHY E
13	THISHNA K
14	ANOOP DAMODHARAN M
15	MOHAMMED SHABEEB K

BSC MATHEMATICS - 5TH SEMESTER
GOVT. ARTS & SCIENCE COLLEGE, THRITHALA

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2	TBATSMT002	LINSA. CA	ARABIC
3	TBATSMT003	RINEESHA JASMINE. CK	ARABIC
4	TBATSMT004	JUNAIHD	ARABIC
5	TBATSMT005	MUHAMMED ANSIL. V	ARABIC
6	TBATSMT006	MUHAMMED FARIS	ARABIC
7	TBATSMT007	AJISHA. K	HINDI
8	TBATSMT008	ASLIMA. KA	HINDI
9	TBATSMT009	JESHMA. MS	HINDI
10	TBATSMT010	RANJIMA. PC	HINDI
11	TBATSMT011	RESMI. CP	HINDI
12	TBATSMT012	ASWIN NARAYANAN. T	HINDI
13	TBATSMT013	ANHA. MS	MALAYALAM
14	TBATSMT014	ATHIRA. K	MALAYALAM
15	TBATSMT015	DEVI SURYA. PP	MALAYALAM
16	TBATSMT016	FATHIMA RIZWANA. P	MALAYALAM
17	TBATSMT017	JINCY. OP	MALAYALAM
18	TBATSMT018	NASRIN. TV	MALAYALAM
19	TBATSMT019	RANEESHA. UV	MALAYALAM
20	TBATSMT020	RASMIYA NASRIN. PT	MALAYALAM
21	TBATSMT021	RINSHI. CP	MALAYALAM
22	TBATSMT022	SAJINA. CK	MALAYALAM
23	TBATSMT023	SHAHANA SHERIN. A	MALAYALAM
24	TBATSMT024	SNEHA. M	MALAYALAM
25	TBATSMT025	SREELAKSHMI. P	MALAYALAM
26	TBATSMT026	SREESHMA. K	MALAYALAM
27	TBATSMT027	AMARNATH. P	MALAYALAM

28	TBATSMT028	MUHAMMED SHAMNADH. KS	MALAYALAM
29	TBATSMT029	SHAJOON. PC	MALAYALAM

BSC MATHEMATICS – 3 SEMESTER

GOVT. ARTS & SCIENCE COLLEGE, THRITHALA

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3	Muhsina V	Arabic
4	Noufal N	Arabic
5	Ruksana Fasal T	Arabic
6	Shameema Thasni V M	Arabic
7	Adhiyhya P	Hindi
8	Deepesh V Namboodiri	Hindi
9	Nikhil T	Hindi
10	Abhinav P U	Malayalam
11	Abhirami C	Malayalam
12	Archana V V	Malayalam
13	Bindiya Raj Kr	Malayalam
14	Dinsha K	Malayalam
15	Durgha P	Malayalam
16	Maneesh U	Malayalam
17	Megha V P	Malayalam
18	Mohammed Suhail	Malayalam
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20	Nandana T	Malayalam
21	Rijin T C	Malayalam
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25	Sreesha P	Malayalam
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27	Yadhukrishnan K T	Malayalam