### MAHATMA GANDHI UNIVERSITY

#### TIME TABLE FOR SECOND SEMESTER UG (CBCSS) – PRIOR TO 2013 ADMISSIONS SUPPLEMENTARY EXAMINATIONS –JULY 2016 <u>TIME: 9:30 AM to 12:30PM on all days</u>

### Day & Date

### <u>Subject</u>

### **COMMON COURSES**

### <u>English</u>

Tuesday 26.07.2016	Critical Thinking, Academic Writing & Presentation (Common for all UG Programmes under CBCSS except B. A. English (Triple main), B.A Animation & Graphic Design and B.A Multimedia)
Thursday 28.07.2016	Musings on Vital Issues (Common for all Model I B.A.&B.Sc. Programmes under CBCSS & B. A. English - Literature & Communication Studies (Double Main))
Friday 29.07.2016	<ul> <li>Additional Language (For Model I &amp; Model II Programmes) <ol> <li>Malayalam – Kavitha (For Model I B. A/B.Sc. Programmes)</li> <li>Malayalam – Gadhyam - Rachanayum Prayogavum (For Model I B. Com.)</li> <li>Malayalam – Gadhyam - Rachanayum, Novel (For Model II B.A.)</li> <li>Malayalam – Gadhyam, Rachana (For Model II B. Sc.)</li> <li>Malayalam – Gadhyam, Rachana, Yathra Vivaranam (For Model II B. Com.)</li> <li>Hindi – Translation Communication Skills and Applied Grammar (For Model I B.A/B.Sc. Programmes)</li> <li>Hindi – Poetry, Communicative Hindi and Translation (For Model I B.Com. – 2011 Admn and 2012 Admn.)</li> <li>Hindi – Poetry, Communicative Hindi &amp; Translation (For Model I B. Com – Prior to 2011 Admn)</li> <li>Hindi – Poetry and Short Stories (For Model II B.A.)</li> <li>Hindi – Poetry and Short Stories (For Model II B.Sc.)</li> <li>Hindi – Poetry and Functional Hindi (For Model I B. Sc. / B.Com.)</li> <li>Tamil – Communicative Skills in Tamil (For Model I B. A. /B. Sc. / B.Com.)</li> <li>Syriac - Poetry, Grammar&amp; History of Syrian Church of Kerala (For Model I B.Com.)</li> <li>Syriac - Poetry, Grammar&amp; History of Syrian Church of Kerala (For Model I B. A./B. Sc.)</li> <li>German – Grammar, Translation &amp; Communication (For Model I B. A. /B. Sc.)</li> <li>German – Communicative German and Translation (For Model I B. A. /B. Sc.)</li> <li>German – Communicative German and Translation (For Model I B. A./B. Sc.)</li> </ol></li></ul>

- 21. French French for Business Communication II (For Model I B.Com.)
- 22. French Communicative Skills in French II (For Model II B. A.)
- 23. French Communicative Skills in French II (For Model II B. Sc.)
- 24. French French for Business Communication II (For Model II B.Com.)
- 25. Arabic Translation and Communication (For Model I & Model II B. A. /B. Sc.)
- 26. Arabic Functional Arabic (For Model I & Model II B.Com.)
- 27. Sanskrit Communication Skills in Sanskrit Language (For Model I B. A. /B. Sc./B.Com)
- 28. Sanskrit Communication Skills in Sanskrit Prose, Drama and Translation

(For Model II B. A./B.Sc./B.Com.)

#### CORE, COMPLEMENTARY & VOCATIONAL COURSES MODEL I PROGRAMMES

#### **B. A. ARABIC**

Monday	Core Course - Informatics in Arabic
01.08.2016	

- Wednesday Complementary Course Use of Language 03.08.2016
- ThursdayComplementary Course Thareekhul Islam I04.08.2016

#### **B. A. ENGLISH**

Monday 01.08.2016	Core Course - Introduction to the Study of Language and Literature
Wednesday	Complementary Courses -1. Politics- Governmental Machinery and
03.08.2016	Processes
	2. Politics - Human Rights
	3. Sociology - Development of Sociological
	Theories
	4. Psychology - Basic Cognitive Processes
	(Common with the core courses of B.A Psychology – Prior to
	2012 Admn. and B.Sc. Psychology – 2012 Admn.)
	5. History - Transition to the Contemporary World
	6. History - Pre - Imperialist Britain
<b>B. A. HINDI</b>	
Monday	Core Course - Methodology Specific to the Area of
01.08.2016	Specialization (Development of Hindi Literature up to Ritikaal)
Wednesday	Complementary Course - News and Editing
03.08.2016	
Thursday	Complementary Course - Indian Administrative System and
04.08.2016	Hindi

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<b>B. A. MALAYALAM</b>	
Monday 01.08.2016	Core Course - Cherussery Muthal Kavithrayam Vare
Wednesday 03.08.2016	Complementary Course - Loka Kavyangal
Thursday 04.08.2016	Complementary Course - Malayala Padanathinte Reethisasthram
B. A. SANSKRIT (Gener	-al)
Monday 01.08.2016	Core Course - Methodology Specific to Sanskrit Language & Literature
Wednesday 03.08.2016	Complementary Course - Linguistics Part II Semantics and Morphology
Thursday 04.08.2016	Complementary Course - Vedic Literature
B. A. SANSKRIT (Specia	al) Nvava
Monday	Core Course - Fundamentals of Nyaya Vaisesika Philosophy: A
01.08.2016	Methodological Presentation
Wednesday 03.08.2016	Complementary Course – Vyakarana
Thursday 04.08.2016	Complementary Course -History of Indian Logic - Modern School
<b>B. A. SANSKRIT (Specia</b>	al) Sahithya
Monday 01.08.2016	Core Course - Methodology Specific to the Area of Specialization: Sanskrit Sahithya
Wednesday 03.08.2016	Complementary Course - Vedanta - Basic Principles of Vedanta Philosophy
Thursday 04.08.2016	Complementary Course - History of Sanskrit Literature
<b>B. A. SANSKRIT (Specia</b>	al) Vedanta
Monday	Core Course - Methodology Specific to Sanskrit Vedanta -
01.08.2016	Vedantasara
Wednesday 03.08.2016	Complementary Course – Sahithya, Poetry & Applied Alankara
Thursday	Complementary Course - History of Vedanta - Post Sankara
04.08.2016	Vedantins

B. A. SANSKRIT (Special) Vyakarana

<b>B. A. SANSKRIT (Special</b> Monday 01.08.2016	Core Course - Methodology Special to Vyakarana
Wednesday 03.08.2016	Complementary Course - Basics of Nyaya - Vaisesika Philosophy
Thursday 04.08.2016	Complementary Course - Grammatical Systems in Sanskrit - Paniniyan & Others
<u><b>B. A. FRENCH</b></u> Monday 01.08.2016	Core Course - Foundation French I
Wednesday 03.08.2016	Complementary Course - The Phonology of English & Communicative Skills
<u><b>B. A. TAMIL</b></u> Monday 01.08.2016	Core Course - Modern Literature Poetry
Wednesday 03.08.2016	Complementary Course - History of South India
<u><b>B. A. ECONOMICS</b></u> Monday 01.08.2016	Core Course - Development and Environmental Economics
Wednesday 03.08.2016	<ul> <li>Complementary Courses – <ol> <li>History - Transition to the Contemporary World</li> <li>History - Economic History of Modern India</li> <li>Politics - Governmental Machinery &amp; Processes</li> <li>Sociology - Development of Sociological Theories</li> </ol> </li> <li>Mathematics - Calculus, Exponential and Logarithmic Functions</li> <li>Statistics - Statistical Tools (only for B.A Economics)</li> <li>Economics - Managerial Economics for Business Decisions</li> <li>Economics – Mathematics for Economic Analysis</li> </ul>
B. A. HISTORY	

MondayCore Course - Cultural Transitions in Pre-Modern Kerala01.08.2016

Wednesday Complementary Course - Economics - Basic Economic Studies 03.08.2016

### **B. A. POLITICAL SCIENCE**

B. A. POLITICAL SCIENCE		
Monday 01.08.2016	Core Course - Introduction to Indian Political System	
Wednesday 03.08.2016	Complementary Course - History -1. Transition to the Contemporary World 2. Economic History of Modern India	
D A DEVCH	OLOCV (Brian to 2012 Admin)	
<u>B. A. PSTCH</u> Monday 01.08.2016	OLOGY (Prior to 2012 Admn) Complementary Course – Neuro Physiology of Behaviour (Common with B.Sc Psychology- 2012 Admn)	
Wednesday 03.08.2016	Core Course – Basic Cognitive Processes (Common with the Complementary Course of B.A. English & Core Course of B.Sc Psychology – 2012 Admn)	
B. A. SOCIO	LOGY	
Monday 01.08.2016	Core Course - The Essence of Sociology	
Wednesday 03.08.2016	Complementary Course -1.Economics - Basic Economic Studies 2.History - Transition to the Contemporary World 3.History - Economic History of Modern India 4.Statistics- Statistical Tools (only for B.A Sociology) 5. Philosophy – Symbolic Logic	
B. A. ISLAM	ICHISTORY	
Monday 01.08.2016	Core Course - Pre-Islamic Arabia and the Emergence of Islam	
Wednesday 03.08.2016	Complementary Course -1. Politics - Governmental Machinery & Processes 2. Politics - Human Rights	
B. A. PHILOS	<b>)PHV</b>	
Monday 01.08.2016	Core Course - Traditional Logic	
Wednesday 03.08.2016	Complementary Course -1.Indian Aesthetics 2.Sociology - Development of Sociological Theories	
B. A. MUSIC		

#### B. A. MUSIC

MondayComplementary Course - II -1. Musicology (For Veena, Vocal, Violin)01.08.20162.Advanced Principles of Thala (For<br/>Mridangam)

### **B.A. Bharathanatyam**

Monday	Core Course - Origin of Natya
01.08.2016	(Common for B.A Bharathanatyam & B.A Mohiniyattom)

#### **B.A.Mohiniyattom**

MondayCore Course - Origin of Natya01.08.2016(Common for B.A Bharathanatyam & B.A Mohiniyattom)

#### **B.A.Kadhakali - Vesham**

Monday Core Course - Basic Study of Abhinaya 01.08.2016

#### **B.A.Kadhakali - Sangeetham**

Monday Core Course - Comparative Study of Kadhakali & Karnatic Music 01.08.2016

#### **B.A.Kadhakali - Chenda**

Monday Core Course - Basic Structure of Thalas 01.08.2016

#### **B.A.Kadhakali - Maddalam**

Monday Core Course - Introduction of Maddala Keli 01.08.2016

### **FACULTY OF SCIENCE**

#### **B. Sc. BOTANY**

Monday 01.08.2016	Core Course II - General Informatics and Methodologies in Plant Sciences
Wednesday	Complementary Course - 1. Chemistry - Basic Organic Chemistry
03.08.2016	(Common for all Programmes having Chemistry as Complementary subject)
	OR
	2. Biochemistry - Elementary Biochemistry II
	(Common for all Programmes having Biochemistry as Complementary subject)
Thursday	Complementary Course - Zoology - Animal Diversity - Chordata (Common for
04.08.2016	B.Sc Botany and Programmes like B.Sc. Family and Community Science and Biological
	Techniques and Specimen Preparation)

#### **B. Sc. CHEMISTRY**

Monday 01.08.2016	Core Course - Theoretical and Inorganic Chemistry
Wednesday 03.08.2016	Complementary Course - Physics - Electric and Magnetic Phenomena, Thermodynamics and Elementary Solid State Physics ( <i>Common for B.Sc. Chemistry and Geology</i> )
Thursday 04.08.2016	Complementary Course – Mathematics - Integral Calculus and Matrices (Common for Physics, Chemistry, Petrochemicals, Geology etc.)

### **B. Sc. Family and Community Science**

Monday 01.08.2016	Core course II - Human Physiology and Microbiology
Wednesday 03.08.2016	Complementary Course - Chemistry - Basic Organic Chemistry (Common for all Programmes having Chemistry as Complementary subject)
Thursday 04.08.2016	Complementary Course - Zoology - Animal Diversity - Chordata ( <i>Common for B.Sc. Botany, B.Sc. Family and Community Science, B.Sc. Biological Techniques and Specimen Preparation etc.</i> )

#### **B.Sc GEOLOGY**

Monday	Core Course - Geoinformatics and Geomorphology
01.08.2016	

 Wednesday
 O3.08.2016
 Complementary Course 1. Physics - Electric and Magnetic Phenomena, Thermodynamics and Elementary Solid State Physics (Common for B.Sc. Chemistry and Geology)
 OR
 Chemistry - Basic Organic Chemistry (Common for all Programmes having Chemistry as Complementary subject)

ThursdayComplementary Course – Mathematics - Integral Calculus and Matrices (Common for04.08.2016Physics, Chemistry, Petrochemicals and Geology)

#### **B.Sc. MATHEMATICS**

Monday 01.08.2016	Core Course - Analytic Geometry, Trignometry and Matrices
Wednesday 03.08.2016	Complementary Course - (Optional) - Statistics - Theory of Random Variables (Common for B.Sc. Mathematics Model I, Physics Model I & Computer Applications)
Thursday 04.08.2016	Complementary Course - Physics - Electric and Magnetic Phenomena, Thermodynamics and Special Theory of Relativity ( <i>Common for B.Sc. Maths. &amp; Statistics Model I</i> )
Friday 05.08.2016	Complementary Course - (Optional)- Computer Science - Programming with C Language (Common for B.Sc. Mathematics Model I, B.Sc. Statistics, B.Sc Industrial Microbiology & Zoology and B.Sc Petrochemicals)
B. Sc. PHYS	<u>ICS</u>

- Monday Core Course Mechanics and Properties of Matter
- 01.08.2016
- Wednesday
   O3.08.2016
   Complementary Course -1. Statistics Theory of Random Variables
   (Common for B.Sc. Maths *Model I*, Physics *Model I* & Computer Applications) OR
   2.Chemistry Basic Organic Chemistry(Common for all Programmes having Chemistry as Complementary Subject) OR
   3.Electronics Amplifires, Oscilators and Power Electronics
- ThursdayComplementary Course Mathematics Integral Calculus and Matrices (Common for04.08.2016Physics, Chemistry, Petrochemicals and Geology)

#### **B. Sc. STATISTICS**

- Monday Core Course Descriptive Statistics
- 01.08.2016
- Wednesday Complementary Course Mathematics Integral Calculus and Fourier 03.08.2016 Series (Only for B.Sc. Statistics)
- ThursdayComplementary Course (Optional) Physics Electric and Magnetic04.08.2016Phenomena, Thermodynamics and Special Theory of Relativity (Common for<br/>B.Sc. Mathematics & Statistics Model I)

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Friday	Complementary Course (Optional) - Computer Science - Programming with	
05.08.2016	C Language (Common for B.Sc Mathematics Model I, B.Sc Statistics, B.Sc In	ndustrial
	Microbiology & Zoology & B.Sc Petrochemicals)	

#### **B. Sc. ZOOLOGY**

Monday	Core Course II - Biodiversity and Modern Systematics
01.08.2016	

Wednesday	Complementary Course -1. Chemistry - Basic Organic Chemistry (Common
03.08.2016	for all Programmes having Chemistry as Complementary subject) OR
	2.Biochemisry - Elementary Biochemistry II (Common for all
	Programmes having Biochemistry as Complementary subject)

Thursday Complementary Course - Botany - Plant Physiology 04.08.2016

### **B. SC. PSYCHOLOGY**

Monday	Complementary Course – Neurophysiology of Behaviour (2012 Admn)
01.08.2016	(Common with B.A Psychology – Prior to 2012 Admn)

WednesdayCore Course – Basic Cognitive Processes (2012 Admn)03.08.2016(Common with Complementary Course of B. A English)

### **FACULTY OF COMMERCE**

<b>B.Com</b>	Core Course IV - Quantitative Techniques for Business Research
Thursday	(Prior to 2012 Admission)
28.07.2016	Quantitative Techniques for Business Research (2012 Admn.)
Monday	Core Course V - Principles of Insurance (Prior to 2012 Admission)
01.08.2016	Principles of Insurance (2012 Admission)
Wednesday 03.08.2016	Core Course VI - Corporate Regulations and Governance
Thursday	Common Core Course II - Business Communication and Management
04.08.2016	Information System

#### MODEL II PROGRAMMES

### **B. A. ARABIC**

<u>D. A. AKADI</u>	
Monday 01.08.2016	Core Course - Informatics in Arabic (Common with Model I B.A Arabic)
Wednesday 03.08.2016	Complementary Course - Use of Language (Common with Model I B.A. Arabic)
Thursday 04.08.2016	Vocational Course - Correspondence and Composition in Arabic

### **B.A. ENGLISH**

Monday 01.08.2016	Core Course - Introduction to the Study of Language and Literature (Common for Model I & Model II B.A. English)
Wednesday	Complementary Course - English for Business Communication II
03.08.2016	(Common for Vocational Subjects Administrative Assistant and Active
	English)
	Complementary Course - English for Copy Editing II
	(For Vocational Subject Copy Editor)
	Complementary Course - Media Laws
	(For Vocational Subject Journalism)
	Complementary Course - Educational Psychology (For Vocational Subjects Teacher of
	English in Lower Classes and Tutor in Conversational English)
Thursday	Vocational Course - History and Development of Journalism
04.08.2016	(For Vocational Subject Journalism)(Common with B.A Political Scinece Model II)
	Vocational Course - Conversational English (For Vocational Subject - Teacher of English in Lower Classes)
	Vocational Course - English Patterns and Structures and Remedial Grammar (For Vocational Subject - Tutor in Conversational English)
	Vocational Course - English for Technical Writing (For Vocational Subject Active English)
<b>B. A. HIND</b>	<u>I</u>
Monday	
01.08.2016	Core Course - Methodology Specific to the Area of Specialization (Development of Hindi Literature upto Ritikaal) ( <i>Common with Model I</i> )
Wednesday	Vocational Course - 1. History of Journalism (For Vocational Subject
03.08.2016	Journalism)
	2. Development of Hindi as Official Language (For Vocational Subject Functional Hindi)
B. A. MAL	AYALAM

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Monday	Core Course - Cherussery Muthal Kavithrayam Vare (Common with Model I B A
01.08.2016	Malayalam)
Wednesday	Pusthaka Nirmanam (For Vocational Subject Copy Editing)
03.08.2016	Parasyavum Management Thathwangalum (For Vocational Subject Copy Writing)
Thursday	Pusthaka Prasadhanathinte Pothu Paschathalam (For Vocational Subject
04.08.2016	Copy Editing)
	Journalism Lakshyavum Charithravum (For Vocational Subject Copy Writing)

### **B. A. ECONOMICS**

Monday	Core Course - Development and Environmental Economics (Common with
01.08.2016	Model I)

Wednesday 03.08.2016 Core Course - Micro Economic Analysis

Thursday Complementary Course - MS Office Packages 04.08.2016

### **B. A. HISTORY**

Monday 01.08.2016	Core Course - Cultural Transitions in Pre-Modern Kerala (Common with Model I)
Wednesday 03.08.2016	Complementary Course -1. Economics -Basic Economic Studies (Common with Model I)
Thursday 04.08.2016	Vocational Course- 1. History of Publishing in India 2. Methods of Archaeology 3. Demography and Environment

#### **B. A. POLITICAL SCIENCE**

Monday 01.08.2016	Core Course - Introduction to Indian Political System (Common with Model I)
Wednesday 03.08.2016	Complementary Course - Advertising Theory and Practice
Thursday 04.08.2016	Vocational Course - History and Development of Journalism (Common with B.A English Model II Journalism)
D.C. DOTAN	

#### **B. Sc. BOTANY**

MondayCore Course II - General Informatics and Methodologies in Plant Sciences01.08.2016(Common with Model I B.Sc Botany)

- Wednesday Complementary Course 1. Biochemistry Elementary Biochemistry II
- 03.08.2016 (Common for all Programmes having Biochemistry as Complementary Subject) OR

2. Zoology - Animal Diversity - Chordata (Only For Model II Botany) OR

3. Chemistry - Basic Organic Chemistry (*Common for all Programmes having Chemistry as Complementary Subject*)

#### Vocational Course III

Thursday1. Environmental Microbiology (For vocational subject Environmental<br/>Monitoring and Management)

- 2. Applied Microbiology Part I (For vocational subject Food Microbiology)
- 3. Ornamental Horticulture and Land Scaping (*For Horticulture and Nursery Management*)
- 4. Biotechniques and Instrumentation (For vocational subject Plant Biotechnology)

#### **Vocational Course IV**

Friday 1. Environmental Hygiene and Human Health (*For Environmental Monitoring* 05.08.2016 and Management)

- 2. Applied Microbiology Part II (For vocational subject Food Microbiology)
  - 3. Plant Protection and Nursery Management (For Horticulture and Nursery Management)
  - 4. Fundamentals of Enzymology and Radiobiology (For vocational subject Plant Biotechnology)

### **B. Sc. CHEMISTRY**

Monday 01.08.2016	Core Course - Theoretical and Inorganic Chemistry (Common for B.Sc.Chemistry Model I, B. Sc. Chemistry Model II, B.Sc. Petrochemicals & B.Sc. Chemistry- Environment and Water Management)
Wednesday 03.08.2016	Vocational Course - Industrial Chemistry - Industrial Aspects of Physical Chemistry
Thursday 04.08.2016	Complementary Course – Mathematics - Integral Calculus and Matrices (Common for Physics, Chemistry, Petrochemicals, Geology etc.)
B.Sc MATHEMATICS	

### **B.SC MATHEMATICS**

Monday 01.08.2016	Core Course - Analytic Geometry, Trignometry and Matrices ( <i>Common with Model I B.Sc Maths</i> )
Wednesday 03.08.2016	Complementary Course - 1. Operations Research-Duality, Transportation and Assignment Problems OR 2.Statistics Course II (Only for Model II Programmes)
Thursday 04.08.2016	Vocational Course - Computer Science - Introduction to Operating System and OS as Resource Manager

### **B. Sc. PHYSICS**

Monday 01.08.2016	Core Course - Mechanics and Properties of Matter (Common with Model I B.Sc Physics)
Wednesday 03.08.2016	<b>Vocational Course</b> Basics of Power Electronics (For Applied Electronics)
	Word and Data Processing Packages (For Computer Applications)
Thursday 04.08.2016	Complementary Course – Mathematics - Integral Calculus and Matrices (Common for Physics, Chemistry, Petrochemicals and Geology)
Friday 05.08.2016	<b>Vocational Course</b> Power Electronics (For Applied Electronics) Programming Language - I - ANSIC (For Computer Applications)

### **B. Sc. ZOOLOGY**

Monday 01.08.2016	Core Course II - Biodiversity and Modern Systematics ( <i>Common with Model I B.Sc Zoology</i> )
Wednesday 03.08.2016	Complementary Course -1) Biochemistry - Elementary Biochemistry II (Common for all Programmes having Biochemistry as Complementary Subject) 2) Botany – Angiosperm, Taxonomy and Economic Botany (Only for Model II) (Prior to 2011 Admn) Botany – Plant Physiology (For 2011 Admn and 2012 Admn) (Only for Model II) 3) Chemistry - Basic Organic Chemistry(Common for all Programmes having Chemistry as Complementary Subject)

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Thursday 04.08.2016	Vocational Course III Capture Fishery (for Voc. Subject Aquaculture) General Methodology (For Voc. Subjects Food Microbiology & Medical Microbiology)
Friday 05.08.2016	Vocational Course IV Biology of Fishes (For Voc. Subject Aquaculture) Environmental and Agricultural Microbiology (For Voc. Subjects Food Microbiology & Medical Microbiology)
Thursday 28.07.2016	<b>B.Com.</b> Core Course IV - Quantitative Techniques for Business Research ( <i>Common with Model I B.Com.</i> ) ( <i>Prior to 2012 Admn</i> ) Quantitative Techniques for Business Research (2012 Admn)
Monday 01.08.2016	Core Course V - Principles of Insurance (Common with Model I B.Com.) (Prior to 2012 Admn) Principles of Insurance (2012 Admn)
Wednesday 03.08.2016	Core Course VI - Corporate Regulations and Governance (Common with Model I B.Com.)
Thursday 04.08.2016	Common Core Course II - Business Communication and Management Information System (Common with Model I B.Com.)
	DDOCDAMMES OTHED THAN MODEL I & MODEL H

# PROGRAMMES OTHER THAN MODEL I & MODEL II CLISH - LITERATURE AND COMMUNICATION STUDIES(Double Main) A FNCI ISH

<b>B.A. ENGLISH - LITERATURE AND COMMUNICATION STUDIES(Double Main</b>		
Thursday 28.07.2016	Musings on Vital Issues (Common for all Model I B.A. & B.Sc. Programmes under CBCSS and B.A. English – Literature & Communication Studies – Double Main)	
Monday 01.08.2016	Introduction to Communication (Only for this programme)	
Wednesday 03.08.2016	Complementary Course- Sociology - Development of Sociological Theories (Common with Model I)	
Thursday 04.08.2016	Business Communication	
<u><b>B.A. ENGLI</b></u> Tuesday 26.07.2016	ISH - LITERATURE, COMMUNICATION AND JOURNALISM ( 3 Main) Editing and Fundamentals of Media Writing	
Thursday 28.07.2016	English Literature from Victorian to Post Modern Period	
Friday 29.07.2016	Remedial English Grammar	
Monday	Conversational Skills	

Monday 01.08.2016

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## **B. A. ARCHAEOLOGY & MUSEOLOGY**

Monday 01.08.2016	Core Course - Cultural Transition in Pre-Modern Kerala (Common with Model I B.A. History)
Wednesday 03.08.2016	Complementary Course - Sociology - Development of Sociological Theories (Common with Model I B.A. English)
Thursday 04.08.2016	Methods of Archaeology (Common with Model II B.A History)
Friday 05.08.2016	History of Folklore
<b><u>B. S. W.</u></b> Monday 01.08.2016	Core Course - Social Work Intervention with Individuals
Wednesday 03.08.2016	Complementary Course - General Psychology
Thursday 04.08.2016	Complementary Course - Developmental Psychology
<u>BTS</u> Thursday 28.07.2016	Core Course IV- Financial Accounting
Friday 29.07.2016	Core Course V - Cultural History and Tourism Resources of Kerala
Monday 01.08.2016	Core Course VI - Geography for Tourism
Wednesday 03.08.2016	Common Core Course II - Management Information System
<b><u>B. F. T.</u></b> Thursday 28.07.2016	Core Course - Elements of Design and its Applications
Friday 29.07.2016	Traditional Indian Textiles& History of Indian Art and Costume (Complementary course)

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### **B.A. ANIMATION AND GRAPHIC DESIGN**

Tuesday English II - Conversational Skills (Common with B A Multimedia) 26.07.2016

Thursday	Art & Visual Perception II	(Common with B A Multimedia)
28.07.2016		

History of Animation Friday 29.07.2016

### **B.A MULTIMEDIA**

Tuesday 26.07.2016	English II - Conversational Skills (Common with B.A Animation & Graphic Design)
Thursday 28.07.2016	Art & Visual Perception II (Common with B.A Animation & Graphic Design)
Friday 29.07.2016	Introduction to Communication (Only for this programme)

### **B.Sc. BIOTECHNOLOGY**

Thursday 28.07.2016	Core course IV- Cell Biology
Friday 29.07.2016	Core Course VI - Evolutionary Biology and Environmental Science
Monday 01.08.2016	Complementary Course -Microbiology - Fundamentals of Microbiology II
Wednesday 03.08.2016	Complementary Course - Bio Chemistry - Elementary Biochemistry II (Common for all Programmes having Biochemistry as Complementary Subject)
Friday 05.08.2016	Core course V - Methodology and Perspectives of Science (Common for B.Sc Bioinformatics, B.Sc Biotechnology, B.Sc Electronics & B.Sc Computer Maintenance & Electronics)

### **B. Sc. BIOTECHNOLOGY AND BOTANY (DOUBLE MAIN)**

Thursday 28.07.2016	Biostatistics
Friday 29.07.2016	Recombinant DNA Technology
Monday	Biophysics and Instrumentation

01.08.2016

Wednesday	Complementary Course - Bio Chemistry - Elementary Biochemistry II
03.08.2016	(Common for all Programmes having Biochemistry as Complementary Subject)
Thursday 04.08.2016	Complementary Course - Zoology - Animal Diversity - Chordata ( <i>Common for B.Sc. Botany and Programmes like B.Sc. Family and Community Science and Biological Techniques and Specimen Preparation</i> )

### **B. SC. BIOINFORMATICS**

Thursday 28.07.2016
Friday Complementary Course - General Microbiology 29.07.2016
Monday Complementary Course - Basic Instrumentation 01.08.2016
Friday Core Course V - Methodology and Perspectives of Science (Common for B.Sc. Bioinformatics, B.Sc. Biotechnology, B.Sc. Electronics & B.Sc. Computer

### **B. SC. CLINICAL NUTRITION AND DIETETICS**

*Maintenance & Electronics*)

Thursday 28.07.2016	Core Course IV - Human Anatomy and Physiology II
Friday 29.07.2016	Core Course V - Therapeutic Nutrition
Monday 01.08.2016	Core Course VI - Programming Through C Language
Wednesday 03.08.2016	Complementary Course - Chemistry - Basic Organic Chemistry (Common for all Programmes having Chemistry as Complementary Subject)
Thursday 04.08.2016	Complementary Course - Zoology - Animal Diversity - Chordata (common with B.Sc. Botany Model I)

### **B.SC. MICROBIOLOGY**

Thursday 28.07.2016	Core course IV - Immunology
Friday 29.07.2016	Complementary Course - Biotechnology - Molecular Biology and Recombinant DNA Technology
Monday 01.08.2016	Core course V - Science Methodology and Biostatistics

16WednesdayComplementary Course - Bio Chemistry - Elementary Biochemistry II03.08.2016(Common for All Programmes having Biochemistry as Complementary Subject)

### **B. SC. FOOD SCIENCE AND QUALITY CONTROL**

Thursday 28.07.2016	Core Course - Food Microbiology
Friday 29.07.2016	Core Course - Food Commodities
Monday 01.08.2016	Core Course - Food Preservation Technology
Wednesday 03.08.2016	Complementary Course - Chemistry - Basic Organic Chemistry (Common for all Programmes having Chemistry as Complementary <i>Subject</i> )
Thursday 04.08.2016	Complementary Course - 1.Zoology - Animal Diversity - Chordata (Common with BSc Botany Model I) OR 2. Mathematics -Integral Calculus and Matrices (Common for B.Sc. Physics, Chemistry, Petrochemicals, Geology etc.)

# **B. SC. FOOD TECHNOLOGY AND QUALITY ASSURANCE**

Thursday 28.07.2016	Core Course – Biochemistry
Friday 29.07.2016	Core Course - Food Microbiology
Wednesday 03.08.2016	Complementary Course - Chemistry - Basic Organic Chemistry (Common for all Programmes having Chemistry as Complementary Subject)
Thursday 04.08.2016	Complementary Course - Zoology - Animal Diversity - Chordata (Common with BSc Botany Model I)
D SC INDI	STRIAL MICROBIOLOGY & ZOOLOGY
Monday 01.08.2016	Core Course - Biodiversity and Modern Systematics ( <i>Common with Model I</i> B.Sc. Zoology
Wednesday 03.08.2016	Complementary Course - Bio Chemistry - Elementary Biochemistry II (Common for All Programmes having Biochemistry as Complementary Subject)
Thursday 04.08.2016	Core Course - Microbial Physiology
Friday 05.08.2016	Complementary Course - Computer Science - Programming with C Language (Common for B.Sc Mathematics Model I, B.Sc Statistics, B.Sc Industrial Microbiology & Zoology & B.Sc Petrochemicals)

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### **B. SC. BIOLOGICAL TECHNIQUES AND SPECIMEN PREPARATION**

Thursday 28.07.2016	Core Course V - Preparation of Permanent Slides
Friday 29.07.2016	Core Course VI - Clinical Chemistry and Clinical Microbiology
Monday 01.08.2016	Core Course IV - General Biological Techniques
Wednesday	Complementary Course - Bio Chemistry - Elementary Biochemistry II
03.08.2016	(Common for All Programmes having Biochemistry as Complementary Subject)
Thursday	Complementary Course - Zoology - Animal Diversity - Chordata
04.08.2016	(Common with B. Sc. Botany Model I)

### **B.Sc. AQUACULTURE & B.Sc INDUSTRIAL FISH & FISHERIES**

Thursday 28.07.2016	Core Course V - Hatchery Technology in Aquatic Organisms		
Friday 29.07.2016	Core Course VI - Fishing Methods		
Monday 01.08.2016	Core Course IV - Brackish Water Aquaculture & Mariculture		
Wednesday 03.08.2016	Complementary Course - Bio Chemistry - Elementary Biochemistry II (Common for All Programmes having Biochemistry as Complementary Subject)		
Thursday 04.08.2016	Complementary Course - Zoology - Animal Diversity - Chordata (Common with B.Sc Botany Model I)		
B. Sc. Geol	<b>B. Sc. Geology and Water Management</b>		
	Ugy and Watch Management		
Thursday 28.07.2016	Core Course (Second Core) - Surface Water Hydrology		
Thursday			
Thursday 28.07.2016 Friday	Core Course (Second Core) - Surface Water Hydrology		
Thursday 28.07.2016 Friday 29.07.2016 Monday	Core Course (Second Core) - Surface Water Hydrology Core Course (Second Core) - Ground Water Resources Core Course - Geoinformatics and Geomorphology (Common with B. Sc.		

### **B. Sc. Petrochemicals**

Friday 29.07.2016	Test Methods and Petroleum Processes	
Monday	Core Course - Theoretical and Inorganic Chemistry (Common for	
01.08.2016	B.Sc. Chemistry Model I, B. Sc. Chemistry Model II, B.Sc. Petrochemicals	& B.Sc.
	Chemistry- Environment and Water Management)	
Thursday	Complementary Course - Mathematics - Integral Calculus and Matrices	
04.08.2016	(Common for Physics, Chemistry, Petrochemicals, Geology etc.)	
Friday	Complementary Course - Computer Science - Programming with C	
05.08.2016	Language (Common for B Sc Mathematics Model I, Statistics, Industrial	
	Microbiology & Zoology & Petrochemicals)	

### **B. SC. CHEMISTRY - ENVIRONMENT AND WATER MANAGEMENT**

Friday 29.07.2016	Environment and its Pollution
Monday 01.08.2016	Core Course - Theoretical and Inorganic Chemistry (Common for B.Sc. Chemistry Model I, B. Sc. Chemistry Model II, B.Sc. Petrochemicals & B.Sc. Chemistry- Environment and Water Management)
Wednesday 03.08.2016	Complementary Course 1Physics - Electric and Magnetic Phenomena, Thermodynamics and Elementary Solid State Physics (Common with B.Sc. Chemistry and Geology)
Thursday 04.08.2016	Complementary Course – Mathematics - Integral Calculus and Matrices (Common for Physics, Chemistry, Petrochemicals and Geology)

### **B. SC. PHYSICS - ELECTRONIC EQUIPMENT MAINTENANCE**

Thursday 28.07.2016	Core Course (Second Core) - Fundamentals of Micro Processors
Friday 29.07.2016	Core Course (Second Core) - Communication Engineering
Monday 01.08.2016	Core Course - Mechanics and Properties of Matter (Common with Model I B.Sc. Physics)
Wednesday 03.08.2016	Complementary Course - Computer Application (For EEM Only) - Object Oriented Programming with C++
Thursday 04.08.2016	Complementary Course – Mathematics - Integral Calculus and Matrices (Common for B.Sc. Physics, Chemistry, Petrochemicals and Geology)

### **B. SC. PHYSICS - INSTRUMENTATION**

Thursday 28.07.2016	Core Course (Second Core) Electrical Net works and Measuring Instruments
Friday 29.07.2016	Core Course (Second Core) Metrology
Monday 01.08.2016	Core Course - Mechanics and Properties of Matter (Common with Model I B.Sc. Physics)
Wednesday 03.08.2016	Complementary Course - Electronics – Amplifiers, Oscillators and Power Electronics ( <i>Common with Model I B.Sc. Physics</i> ,)
Thursday	Complementary Course – Mathematics - Integral Calculus and

Matrices (Common for Physics, Chemistry, Petrochemicals and Geology)

### B. SC. COMPUTER SCIENCE

04.08.2016

Thursday 28.07.2016	Core Course -Object Oriented Programming in C++
Friday 29.07.2016	Complementary Course - Mathematics - Linear Algebra and Graph Theory (Common for B. Sc. Electronics & B. Sc. Computer Science)
Monday 01.08.2016	Core Course -Data Structures (Only for B.Sc. Computer Science)
Wednesday 03.08.2016	Complementary Course - Principles of Electrical Communications

# **B. SC. APPAREL AND FASHION DESIGN**

Friday 29.07.2016	Core Course - Fashion Designing Concepts
Monday 01.08.2016	Complementary Course – Environment and Fashion
<b><u>B. C. A.</u></b> Thursday 28.07.2016	Core Course - Accounting and Programming in COBOL
Friday 29.07.2016	Complementary Course – Mathematics- Discrete Mathematics (Only for B.C.A.)
Monday 01.08.2016	Core Course - Fundamentals of Digital Systems
Thursday 04.08.2016	Core Course - Data Structures (Common for B.C.A & B.Sc Computer Applications (Three Main)

### **B. SC. COMPUTER APPLICATIONS (TRIPLE MAIN)**

Friday 29.07.2016	Micro Processors and Computer Organization
Monday 01.08.2016	Core Course - Analytic Geometry, Trignometry and Matrices (Common with Model I B.Sc Maths)
Wednesday 03.08.2016	Statistics - Theory of Random Variables (Common with Complementary Course for B. Sc. Mathematics <i>Model I</i> & B.Sc Physics <i>Model I</i> )
Thursday 04.08.2016	Data Structures (Common for B.C.A & B.Sc. Computer Applications (Three Main)

### **B. SC. COMPUTER MAINTENANCE AND ELECTRONICS**

Thursday 28.07.2016	Core Course (First Core) Electronic Circuits (Common for B.Sc. Electronics & B.Sc. Computer Maintenance and Electronics)
Monday 01.08.2016	Complementary Course - Advanced Programming Concepts in C
Thursday 04.08.2016	Complementary Course – Mathematics - Integral Calculus and Matrices (Common for B.Sc Physics, B.Sc Chemistry, B.Sc Petrochemicals, B.Sc Geology etc.)
Friday 05.08.2016	Core course (First Core) Methodology and Perspectives of Sciences (Common for B.Sc Bioinformatics, B.Sc Biotechnology, B.Sc Electronics & B.Sc Computer Maintenance and Electronics)

### **B. SC. ELECTRONICS**

Thursday 28.07.2016	Core Course III - Electronic Circuits (Common for B.Sc Electronics & B.Sc Computer Maintenance and Electronics)
Friday 29.07.2016	Complementary Course - Mathematics - Linear Algebra and Graph Theory (Common for B. Sc. Electronics & B.Sc Computer Science)
Thursday 04.08.2016	Core course IV - Network Theory
Friday 05.08.2016	Core course V - Methodology and Perspectives of Sciences (Common for B.Sc Bioinformatics, B.Sc Biotechnology, B.Sc Electronics & B.Sc Computer Maintenance and Electronics)
<b><u>B.Sc IT</u></b> Thursday 28.07.2016	Core course - Computer Organisation and Architecture
Friday	Complementary Course - Probability and Statistics ( Only for B.Sc. IT)

Monday 01.08.2016	Core Course - Data Structures (Only for B.Sc. IT)
Wednesday 03.08.2016	Core course - Object Oriented Programming with C++
<b>B. B. A.</b> Thursday 28.07.2016	Core Course - Business Ethics and the Indian Social System ( <i>Common for B.B.A &amp; B.B.M</i> )
Friday 29.07.2016	Complementary Course - Mathematics for Management
Monday 01.08.2016	Complementary Course - Statistics for Research
Wednesday 03.08.2016	Core Course - Indian Constitution, Secular State and Sustainable Environment ( <i>Common for B.B.A &amp; B.B.M</i> )
Thursday 04.08.2016	Core Course -Principles of Management
<b><u>B. B. M.</u></b> Thursday 28.07.2016	Core Course - Business Ethics and the Indian Social System ( <i>Common for B.B.A. &amp; B.B.M</i> )
Friday 29.07.2016	Complementary Course - Managerial Application of Mathematics
Monday 01.08.2016	Complementary Course -Quantitative Techniques

### 03.08.2016 Environment (Common for B. B.A. & B.B.M)

Thursday Core Course - Modern Management Practices 04.08.2016

Wednesday

### **B.COM (U G C SPONSORED PROGRAMMES)**

Thursday 28.07.2016	Core Course IV - Quantitative Techniques for Business Research (Common with Model I B.Com.) (Prior to 2012 Admn) Quantitative Techniques for Business Research (2012 Admn)
Monday 01.08.2016	Core Course V - Principles of Insurance (Common with Model I B.Com.) (Prior to 2012 Admn) Principles of Insurance (2012 Admn)

Core Course - Indian Constitution, Secular State and Sustainable

Wednesday 03.08.2016	Core Course VI - Corporate Regulations and Governance ( <i>Common with B.Com.</i> )	n Model I
Thursday 04.08.2016	Common Core Course II - Business Communication and Management System (Common with Model I B.Com.)	Information
Friday 05.08.2016	Complementary Course - Office Management and Administration (for SP) Vocational UGC Sponsored) Complementary Course - Business Environment (Common for UGC Spo Programmes - Computer Applications, Travel and Tourism, & Taxation)	

P.D. Hills, 08.07.2016

Sd/-Dr. M. THOMAS JOHN Controller of Examinations

#### То

- 1. Principals of Colleges/Directors concerned
- 2. PRO for Press Release/Enquiry
- 3. PS to VC/PVC
- 4. JR I/III/DR IV/VIII/AR XI/XIV/XV/XVIII/XIX/XXI/ Pool Officer (Exams)/ System Administrator
- 5. PA to C.E/C.E's Section/CT&D Section/Monitoring Cell/CV Cell/CETEX/Front Office
- 6. EB/Tabulation Sections concerned/Ac.C/Ac. AV/Uty. Information Centres
- 7. SF/FC

Approved for Issue

#### SECTION OFFICER