

## ISLAMIAH COLLEGE (AUTONOMOUS) BRIEF HISTORY

**Islamiah College** is a symbol of devotion to education and love for learning of the Muslims of Vaniyambadi, who in their zeal for translating into action the message of Sir Syed Ahmed Khan, established the Vaniyambadi Muslim Educational Society in 1901. The Society was registered in 1905 and soon under its auspices the Islamiah Elementary School was started. The phenomenal growth of the school was due to the untiring and dedicated services and leadership of Janab T. Hajee Badruddin Sahib, Janab Malang Hayath Basha Sahib, Janab T. Ameenuddin Sahib and Janab Malang Ahmed Basha Sahib. The full-fledged Islamiah High School came into being in 1912.

In 1915, the society resolved to establish the Islamiah College, and the foundation stone of the College was laid by His Excellency Lord Pentland, the then Governor of Madras Province. With princely donations from the Muslim philanthropists, the College was started in 1919 and got recognition in July 1921. The building in which the College is housed at present was opened by Nawab C. Abdul Hakeem Sahib.

In 1946, the College was upgraded, offering instruction in the two year degree courses in B.A. Economics and B.Com. In 1954, B.A. Mathematics was started. In 1956, the college got affiliation for the pre-University and the three year degree courses, B.A., B.Sc., and B.Com. and the courses were started in 1957.

The College got affiliation from the University for various additional courses

S.NO.	Name of the Course	Major Subject	Year of Affiliation
1	B.Sc.	Chemistry	1963
2	B.A.	History	1967
3	B.Sc.	Zoology	1967
4	M.A.	History	1974
5	M.Com.	Commerce	1975
6	M.Sc.	Mathematics	1976
7	B.Sc.	Physics	1981

8	B.A.	Corporate Secretaryship	1982
9	B.A.	Industrial Organisation	1983
10	B.Sc.	Biochemistry	1985
11	M.Phil.	Commerce	1986
12	M.Sc.	Chemistry	1986
13	B.Sc.	Computer Science	1988

To cater to the needs of the community in changing circumstances B.A. (Industrial Organisation) was converted to B.B.A. in 2005 and B.Sc. (Zoology) was converted to B.Sc. (Biotechnology) in 2006.

The College got affiliation for the following unaided courses:

S.No.	Course	Major Subject	Year of Affiliation
1	Ph.D.	Commerce	1986
2	M.Phil.	Mathematics	1988
3	M.Phil.	History	1993
4	Ph.D.	History	1996
5	M.Sc.	Biochemistry	1998
6	M.Sc.	Physics	1999
7	M.Sc.	Computer Science	1999
8	M.Phil.	Chemistry	2000
9	B.C.A.	Computer Application	2000
10	Ph.D.	Chemistry	2005
11	Ph.D.	Mathematics	2005
12	M.Phil.	Biochemistry	2009
13	M.Phil.	Physics	2009
14	B.A.	English Lit.	2010
15	B.Sc.	Software Computer Science	2010
16	M.A.	English Lit.	2010
17	M.Sc.	Biotechnology	2010
18	Ph.D.	Physics	2010
19	B.Sc.	Computer Science	2013
20	M.Phil.	Computer Science	2013
21	M.Phil.	Biotechnology	2013
22	Ph.D	Biotechnology	2014
23	Ph.D	Biochemistry	2016
24	B.Com.	Commerce	2016

In view of the changing scenario, two courses namely, B.A. (Economics) and B.Com. (Corporate Secretaryship) were converted to B.Com (Finance & Accounts) and B.Com (Computer Applications) respectively, with effect from the academic year (2010-11) to make the students of these two courses more employable.

The College which had a humble beginning in 1919 has now grown up to a full-fledged P.G. and Research Institution catering to the needs of the rural lot who would have otherwise not dreamt of taking a Research Degree.

Consequent to the establishment of Thiruvalluvar University, this College has been affiliated to Thiruvalluvar University from the academic year 2003-2004. In pursuance of the academic excellence and to implement the suggestion of the NAAC peer team, the College applied for Autonomy in the year 2008. The expert team inspected the College in March 2010 and it recommended Autonomy. The College was thus conferred Autonomy with effect from the academic year 2010-2011 and we are successfully completed the first phase of autonomy during academic year (2015-2016). The autonomy review Committee will be visiting the College probably in the month of February 2017 for the extension of autonomy from 2016-17 onwards. The College has been reaccredited by National Assessment and Accreditation Council (NAAC), Bangalore with “A” Grade from February 2014.

The College has entered into a new era of partnership in education with Aligarh Muslim University (AMU), Indira Gandhi National Open University (IGNOU), and Maulana Azad National Urdu University (MANUU) the internationally reputed centers for higher education, from the academic year 2013-14, 2008-2009 and 1999-2000 respectively to widen the scope of learning to the employed / unemployed to get a degree and regular students to pursue an additional courses.

The aim of the College is to foster in the teachers, students and through them in society, the attitudes and values needed for developing “good life” in individuals and society.

The College has earned for Vaniyambadi a place in the educational map of India. The College keeps its portals open to the members of all castes and communities.

**REGULATIONS**  
**BACHELOR DEGREE COURSES**  
**(For the candidates admitted from 2015-2016)**

**CBCS**

Choice-Based Credit System (CBCS) is flexible for learning. Credit defines the quantum of contents / syllabi prescribed for a course and determine the number of hours of instruction required. The distinguishing features of CBCS are the following:

**It permits the students to:**

- Choose Electives from a wide range of Elective Courses offered by various departments of the College.
- Undergo additional courses and acquire more than the required number of credits.
- Adopt an inter-disciplinary approach in learning.
- Make best use of the expertise of available faculty

**1. Eligibility for Admission**

Candidates for admission to the first year of the Bachelor Degree in Arts / Science /Commerce/Business Administration courses, shall be required to have passed the Higher Secondary Examinations (Academic or Vocational Stream) conducted by the Government of Tamil Nadu or an Examination accepted as equivalent thereto by the Governing Body of Islamiah College (Autonomous), Vaniyambadi.

Provided that candidates for admission into the specific main subject of study shall also possess such other qualifying conditions as may be prescribed by the University / College in the regulations governing respective courses of study.

Admission to direct second year of the UG degree programme under LATERAL ENTRY system is permitted, provided there is a vacancy and it is subjected to the Eligibility and specific permission of Thiruvalluvar University. Lateral Entry admission is for those candidates who have successfully completed their three year diploma course in the subject in which he seeks admission.

**2. Cancellation of Admission**

The admission is at the candidate's risk and is provisional, subject to the approval of Thiruvalluvar University. If for any reason, the admission is not approved, the

### 3. Eligibility for the Award of Degree

#### 4. Duration

- ## 5. Course of Study

**PART-I**      **CORE COURSES** including interdisciplinary      **(12 + 12 = 24)**

**PART-I**      **CORE COURSES** including interdisciplinary      **(12 + 12 = 24)**

**PART-II ELECTIVE COURSES** including Language and English (6 + 6 = 12)

### **PART-III ABILITY ENHANCEMENT COURSES –**

Environmental Studies,  
Value Education and Skill Enhancement  
Courses (**2 + 4 = 6**)

### Extension activities

5

shall be duly certified by the Principal of the college before 31<sup>st</sup> March in a year. If a student lacks 40 hours attendance in the First year, he has to compensate the same during the subsequent years. Literacy and Population Education field work shall be compulsory components in the above extension service activities.

## **6. Project Work**

It is considered as a special course involving application of knowledge in solving / analyzing / exploring real life situation / difficult problems. The new CBCS provides an opportunity for the Undergraduate students to learn some RESEARCH components at this level. The project work would be of 5 / 6 credits given in lieu of one discipline specific paper in the sixth semester.

The duration of the project work is 75 hours within the College campus included in the time-table. If the project work requires field work in the industry / data collection / national laboratories or any other reputed institute, the period for such work is assigned as two weeks. If the project work requires field work during the working days of the college, no separate hours to be earmarked in the final semester time table.

### **Evaluation of the Project Work**

Regarding the evaluation of the project work, the total mark is 100. It is divided into 75 marks for project evaluation and 25 marks for viva-voce examination. The marks for project work evaluation and viva-voce are to be awarded jointly by the internal examiner and the external examiner.

The external examiner is to be drawn from other related faculty from within the college / affiliating University Departments / any affiliated college within Vellore district.

### **Continuous Internal Assessment (CIA) Test**

The following procedure will be followed for the award of internal marks:

**CIA Test I : Two or Three hours duration for 75 marks**

**CIA Test II: Three hours duration for 75 marks**

Marks Distribution	Theory & Practical
CIA Test Marks 150 to be converted to	15 Marks
Assignment / Seminar / Observation	5 Marks
Attendance	5 Marks
<b>TOTAL</b>	<b>25 Marks</b>

R. No	Name	Test I - 75	Test II - 75	Total - 150	Marks converted to 15	Assignment / Seminar 5	Attendance- 5	Total for 25 (Rounded Off)

In the last column, any fraction may be rounded off to the nearest integer.

The marks for Attendance component in the Continuous Internal Assessment should be calculated as follows:

Attendance Earned	Category	Marks to be Awarded
90 % and Above	Highly Regular	5
75% but below 90%	Regular	4
65% but below 75%	Shortage	3
50% but below 65%	Detained	2
Below 50 %	Redo	0

## 7. Requirements for proceeding to subsequent Semester

- Candidates shall register their names for the First semester Examination after admission in the UG courses.
- Candidates shall be permitted to proceed from the first Semester up to Final Semester irrespective of the number of arrears in any of the End Semester Examinations.
- Candidates shall be eligible to go to subsequent semesters as per the attendance rules prescribed by the Governing Body from time to time.

## 8. Requirements to take the End Semester Examinations

- A candidate will be permitted to take the End Semester Examinations of any Semester, if
  - he secures atleast 75% of attendance out of the 90 instructional days / 450 instructional hours during the particular Semester.

- he earns a progress certificate from the Principal of having satisfactorily completed the prescribed course of study in the subjects as required by these Regulations, and
  - his conduct has been satisfactory.
- b) A candidate who has secured attendance of less than 75% but 65% and above shall be permitted to take the End Semester Examinations on the recommendation of the Head of the Department and approved by the Principal to condone the lack of attendance as well as on the payment of the prescribed condonation fee to the College.

### 9. Passing Minimum

A candidate shall be declared to have passed the whole examination, if he passes in all the papers and practicals, wherever prescribed /as per the scheme of examinations by earning 150 CREDITS. He shall also fulfill the extension activities prescribed to qualify for the Degree.

In fixing the passing minimum, the following will be observed:

- There shall be no passing minimum for Internal Assessment.
- For End Semester Examinations, passing minimum shall be **P** (minimum 40 % marks prescribed for the paper for each course / practical / project and Viva-voce).
- In aggregate (End Semester Examination + Internal Assessment) the passing minimum shall be **P** for each course.

### 10. Grading System

The marks earned by a candidate in the Internal Assessment and End Semester Examinations for each of the courses will be added. The marks thus obtained will then be converted into Letter Grades and Grade points as per details given below:

Range of Marks	Letter Grade	Grade Points
96 – 100	O	10
86 – 95	A+	9
76 – 85	A	8
66 – 75	B+	7
56 – 65	B	6



50 – 55	C	5
40 – 49	P	4
00 – 39	F	0
Absent	Ab	0

The term Grading system indicates a Seven point scale of evaluation of the performances of student in terms of Grade Points secured in the Internal and External Examinations.

### 11. Classification of Successful Candidates

Successful candidates who passed all the specified courses in a programme are classified as follows:

Passed all the courses with CGPA 7.5 and above : First Class

Passed all the courses with CGPA 6 to 7.4 : First Class

Passed all the courses with CGPA 5 to 5.9 : Second Class

Passed all the courses with CGPA 4 to 4.9 : Third Class

The total performance within a semester and continuous performance starting from the first semester are indicated respectively by Grade point Average (GPA) and Cumulative Grade point Average (CGPA). These two are calculated by the following formula.

$$GPA = \frac{\sum_i C_i G_i}{\sum_i C_i} = \frac{\text{Sum of the product of credits and grade points earned}}{\text{Sum of the credits of the courses in a Semester}}$$

$$CGPA = \frac{\sum_n \sum_i C_{ni} G_{ni}}{\sum_n \sum_i C_{ni}} = \frac{\text{Sum of the product of the credits and grade points earned}}{\text{Sum of the credits for the entire programme}}$$

where  $C_i$  is the credit earned for the course  $i$  in any semester,  $G_i$  is the grade point obtained by the student for the course  $i$  and  $n$  is the number of courses passed in that semester. CGPA is the GPA of all the courses starting from the first semester to the current semester.

### 12. Ranking

Candidates who pass all the examinations prescribed for the course in the First Appearance alone are eligible for Ranking, provided in the case of candidates who pass all the examinations prescribed for the course with a break in the First

Appearance due to shortage of attendance, but his conduct has been satisfactory are also eligible for Classification. The marks obtained in Improvement Examinations will not be taken into consideration for Ranking.

### **13. The Medium of Instruction and Examinations**

The medium of instruction and question paper shall be English. The candidates having arrears in odd / even semester can appear for such papers in odd / even semester examination without any restrictions.

### **14. Submission of Record Notebooks for Practical Examinations**

Candidates taking the Practical Examinations should submit Bonafide Record Note Books prescribed for the Practical Examinations. Otherwise the candidates will not be permitted to take the Practical Examinations. However, in genuine cases, where students could not submit the record note books may be permitted to take the Practical Examinations provided the Head of the Department and the Course Teacher concerned certifies that the candidate has performed the experiments prescribed for the course. For such candidates who do not submit Record Books, zero marks will be awarded for record notebooks in the Practical Examination concerned.

In case a candidate does not secure the prescribed passing minimum in the Practical Examination, the marks awarded for the Record Note Book at the time of first appearance for the Practical Examination should be made available by the Controller of Examinations to the Examiners through the Head of the Department concerned, at the subsequent appearance by the candidate.

### **15. Submission of Project Reports**

The projects for the UG / PG degree courses may be an independent or a group. In case of group projects, a maximum of FIVE students only should be in a group. The format for the title page, certificate by the project advisor, declaration by the candidate(s) and the certificate for internship training taken outside the college campus is available in the office of the Controller of Examinations. The project reports duly countersigned by the Head of the Department concerned and the Principal should be submitted to the office of the Controller of Examination within the specified date.

## 16. Improvement of Marks in the Courses already passed

Candidates, desirous of improving the marks secured in a passed course in their first attempt, shall reappear once within a period of two subsequent semesters. The improved marks shall be considered for Classification / Distinction, but not for ranking. If there is no improvement, there shall not be any change in the original marks already awarded. The fee for such appearances will be as decided by the Governing Body from time to time. Candidates will not be allowed to improve marks in the Practical, Project, and Viva-voce and field work.

## 17. Self Supportive Courses

The above Regulations shall be applicable for candidates undergoing the respective self supportive courses also.

## 18. Rank Holders

The student who secures highest marks in aggregate of all the subjects in first attempt of the autonomous examinations will be the Rank Holder. This is applicable to all UG/PG/ Courses and M.Phil programme of our College. The Rank Holder will be awarded with a certificate and prize.

## 19. Transitory Provision

Candidates who have joined the programme from the academic year 2015-16 will be permitted to appear for the examinations under this Regulation for a maximum period of **SIX** years. Thereafter, they will be permitted to appear for the examinations only under the new Regulations in force. The equivalent paper to be written will be decided by the Chairman of the respective Board of Studies. Such candidates have to reregister for the course. The fee for such re-registration will be as decided by the Governing Body from time to time.

### QUESTION PAPER PATTERN

<u>Part A</u>	To answer All the 10 questions (Two questions from each UNIT)	$10 \times 2 = 20$ Marks
<u>Part B</u>	To answer ALL the 5 questions (either or type) (One questions from each UNIT)	$5 \times 5 = 25$ Marks
<u>Part C</u>	To answer 3 questions (out of 5 questions) (One questions from each UNIT)	$3 \times 10 = 30$ Marks
<b>TOTAL</b>		<b>75 Marks</b>

**ISLAMIAH COLLEGE (AUTONOMOUS)**  
**UG DEGREE COURSES**  
**(CBCS PATTERN)**  
**COURSE STRUCTURE FOR UG PROGRAMMES**  
**(For the Candidates admitted from the academic year 2015 – 2016)**

<b>B.A. ENGLISH</b>								
Sem	Part	Course Code	Course	Course No	Course Title	Hrs./ Week	Credit	Exam. Hrs
<b>I</b>	EC	U5FUR101/ U5FAR101/ U5FHD101/ U5FTA101	Language I	EC01	Urdu Paper I/Arabic Paper I / Hindi Paper I/ Tamil Paper I	6	5	3
	EC	U5FEN101	English I	EC02	English Paper I	4	4	3
	AEC	U5ENV101	ENV Studies*	AEC1	Environmental Studies	2	1	3
	CC	U5EN1001	Core	CC01	Indian literature in English	5	5	3
	CC	U5EN1002	Core	CC02	Fiction	4	3	3
	CC	U5ENAL11	Allied	CC03	Allied-Literary Forms	5	4	3
	EC	U5ENAL12	Allied	EC03	Allied-The History of English Literature I [1350-1850]	4	3	3
<b>TOTAL</b>						30	25	-
<b>II</b>	EC	U5FUR201/ U5FAR201/ U5FHD201/ U5FTA201	Language II	EC04	Urdu Paper II/Arabic Paper II/Hindi Paper II/ Tamil Paper II	6	5	3
	EC	U5FEN201	English II	EC05	English Paper II	4	4	3
	AEC	U5VED201	Value EDU*	AEC2	Value Education	2	1	3
	CC	U5EN2001	Core	CC04	English Prose	5	5	3
	CC	U5EN2002	Core	CC05	English Drama	4	3	3
	CC	U5ENAL21	Allied	CC06	Allied-The Social History of England	5	4	3
	EC	U5ENAL22	Allied	EC06	Allied-The History of English Literature II [1851-1950]	4	3	3
<b>TOTAL</b>						30	25	-
<b>III</b>	EC	U5FUR301/ U5FAR301/ U5FHD301/ U5FTA301	Language III	EC07	Urdu Paper III/Arabic Paper III/Hindi Paper III/ Tamil Paper III	4	4	3
	EC	U5URNM31/ U5ARNM31/ U5HINM31/ U5TANM31	Non-Major	EC08	Basic Urdu-I/ Basic Arabic I/ Basic Hindi I/அறிவியல் தமிழ் I	2	1	3
	EC	U5FEN301	English III	EC09	English Paper III	6	5	3
	CC	U5EN3001	Core	CC07	English Poetry	5	5	3

	CC	U5EN3002	Core	CC08	Shakespeare	4	3	3
	CC	U5ENAL31	Allied	CC09	Allied-The History of English Language	5	4	3
	AEC	U5ENAL32	Allied	AEC3	Allied-English for Communication	4	3	3
	TOTAL					30	25	-
IV	EC	U5FUR401/ U5FAR401/ U5FHD401/ U5FTA401	Language IV	EC10	Urdu Paper IV/ Arabic Paper IV/ Hindi Paper IV/ Tamil Paper IV	4	4	3
	EC	U5URNM41/ U5ARNM41/ U5HDNM41/ U5TANM41	Non-Major	EC11	Basic Urdu-II/ Basic Arabic II/ Basic Hindi II/அறிவியல் தமிழ் II	2	1	3
	EC	U5FEN401	English IV	EC12	English Paper IV	6	5	3
	CC	U5EN4001	Core	CC10	English Language Teaching	5	5	3
	CC	U5EN4002	Core	CC11	American Literature-I	4	3	3
	CC	U5ENAL41	Allied	CC12	Allied-An Introduction To American Culture	5	4	3
	AEC	U5ENAL42	Allied	AEC4	Allied-Computer Literacy	4	3	3
	TOTAL					30	25	-
V	CC	U5EN5001	Core	CC13	English Phonetics	5	5	3
	CC	U5EN5002	Core	CC14	American Literature-II	5	5	3
	CC	U5EN5003	Core	CC15	American Literary History	5	5	3
	CC	U5EN5004	Core	CC16	Introduction to Literary Criticism	5	5	3
	CC	U5EN5005	Core	CC17	20 <sup>th</sup> Century Literature-I	4	2	3
	CC	U5EN5006	Core	CC18	African-American Literature	4	2	3
	AEC	U5ENSB51	Skill Based	AEC5	English for Competitive Examinations-I	2	1	3
	TOTAL					30	25	-
VI	CC	U5EN6001	Core	CC19	Journalism and Mass Communication	5	5	3
	CC	U5EN6002	Core	CC20	20 <sup>th</sup> Century Literature-II	5	5	3
	CC	U5EN6003	Core	CC21	Common Wealth Literature	5	5	3
	CC	U5EN6004	Core	CC22	Gender Studies	5	5	3
	CC	U5EN6005	Core	CC23	Creative Writing	4	2	3
	CC	U5EN6006	Core	CC24	Soft Skills	4	2	3
	AEC	U5ENSB61	Skill Based	AEC6	English for Competitive Examinations-II	2	1	3
	TOTAL					30	25	-
GRAND TOTAL					180	150		
CC- Core Course, EC- Elective Course, AEC- Ability Enhancement Course*Engaged by the Department of English								

B.A. HISTORY								
Sem	Part	Course Code	Course	Course No	Course Title	Hrs./ Week	Credit	Exam. Hrs
I	EC	U5FUR101/ U5FAR101/ U5FHD101/ U5FTA101	Language I	EC01	Urdu Paper I/Arabic Paper I/ Hindi Paper I/ Tamil Paper I	6	5	3
	EC	U5FEN101	English I	EC02	English Paper I	4	4	3
	AEC	U5ENV101	ENV Studies*	AEC1	Environmental Studies	2	1	3
	CC	U5HI1001	Core	CC01	History of India Upto A.D.1206	5	5	3
	CC	U5HI1002	Core	CC02	History of Tamil Nadu from Sangam Age to Imperial Cholas	4	3	3
	CC	U5HIAL11	Allied	CC03	Allied-Tourism Principles and Policies	5	4	3
	EC	U5HIAL12	Allied	EC03	Allied-Intellectual History of 20th Century India	4	3	3
TOTAL						30	25	
II	EC	U5FUR201/ U5FAR201/ U5FHD201/ U5FTA201	Language II	EC04	Urdu Paper II/Arabic Paper II/ Hindi Paper II/ Tamil Paper II	6	5	3
	EC	U5FEN201	English II	EC05	English Paper II	4	4	3
	AEC	U5VED201	Value EDU*	AEC2	Value Education	2	1	3
	CC	U5HI2001	Core	CC04	History of India from A.D.1206 to A.D.1707	5	5	3
	CC	U5HI2002	Core	CC05	History of Tamil Nadu from Second Pandiyan Empire to A.D.1806	4	3	3
	CC	U5HIAL21	Allied	CC06	Allied-Tourism Resources of India	5	4	3
	EC	U5HIAL22	Allied	EC06	Allied-Intellectual History of 20th Century Tamil Nadu	4	3	3
TOTAL						30	25	-
III	EC	U5FUR301/ U5FAR301/ U5FHD301/ U5FTA301	Language III	EC07	Urdu Paper III/Arabic Paper III/Hindi Paper III/ Tamil Paper III	4	4	3
	EC	U5URNM31/ U5ARNM31/ U5HINM31/ U5TANM31	Non-Major	EC08	Basic Urdu-I/ Basic Arabic I/ Basic Hindi I/ அறிவியல் தமிழ் I	2	1	3
	EC	U5FEN301	English III	EC09	English Paper III	6	5	3
	CC	U5HI3001	Core	CC07	History of India from A.D. 1707 to A.D.1885	5	5	3
	CC	U5HI3002	Core	CC08	History of Tamil Nadu from A.D.1806 to A.D.2010	4	3	3
	CC	U5HIAL31	Allied	CC09	Allied-Tourism in South India (Excluding Tamil Nadu)	5	4	3
	AEC	U5HIAL32	Allied	AEC3	Allied-Studies on States and Governments	4	3	3
TOTAL						30	25	-
CC- Core Course, EC- Elective Course, AEC- Ability Enhancement Course*Engaged by the Department of English								

Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
IV	EC	U5FUR401/ U5FAR401/ U5FHD401/ U5FTA401	Language IV	EC10	Urdu Paper IV/ Arabic Paper IV/ Hindi Paper IV/ Tamil Paper IV	4	4	3
	EC	U5URNM41/ U5ARNM41/ U5HINM41/ U5TANM41	Non-Major	EC11	Basic Urdu-II/ Basic Arabic II/ Basic Hindi II/ அறிவியல் தமிழ் II	2	1	3
	EC	U5FEN401	English IV	EC12	English Paper IV	6	5	3
	CC	U5HI4001	Core	CC10	History of India from A.D.1885 to A.D.2010	5	5	3
	CC	U5HI4002	Core	CC11	History of Modern Asia from A.D.1900 to A.D.2010	4	3	3
	CC	U5HIAL41	Allied	CC12	Allied-Tourism in Tamil Nadu	5	4	3
	AEC	U5HIAL42	Allied	AEC4	Allied-Constitution of India	4	3	3
	TOTAL					30	25	-
V	CC	U5HI5001	Core	CC13	History of the Arabs from 500 to 750 AD	5	5	3
	CC	U5HI5002	Core	CC14	History of the USA from Colonization to 1865 AD	5	5	3
	CC	U5HI5003	Core	CC15	History of Europe from 1453 to 1789 AD	5	5	3
	CC	U5HI5004	Core	CC16	History of Japan from 1853 to 2000 AD	5	5	3
	CC	U5HI5005	Core	CC17	Constitutional History of India	4	2	3
	CC	U5HI5006	Core	CC18	History of Science and Technology from 1750 to 1900 AD	4	2	3
	AEC	U5HISB51	Skill Based	AEC5	General Knowledge and Awareness	2	1	3
	TOTAL					30	25	-
VI	CC	U5HI6001	Core	CC19	History of the Arabs from 750 to 1258 AD	5	5	3
	CC	U5HI6002	Core	CC20	History of the USA from 1865 to 2010 AD	5	5	3
	CC	U5HI6003	Core	CC21	History of Europe from 1789 to 1945 AD	5	5	3
	CC	U5HI6004	Core	CC22	History of China from 1900 to 2000 AD	5	5	3
	CC	U5HI6005	Core	CC23	India and Her Neighbours from 1947 to 2010 AD	4	2	3
	CC	U5HI6006	Core	CC24	History of Science and Technology from 1900 to 2010 AD	4	2	3
	AEC	U5HISB61	Skill Based	AEC6	Civil Services and other Competitive Examinations	2	1	3
	TOTAL					30	25	-
	GRAND TOTAL					180	150	-

B.B.A								
Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
I	EC	U5FUR101/ U5FAR101/ U5FHD101/ U5FTA101	Language I	EC01	Urdu Paper I/Arabic Paper I/ Hindi Paper I/ Tamil Paper I	6	5	3
	EC	U5FEN101	English I	EC02	English Paper I	4	4	3
	AEC	U5ENV101	ENV studies*	AEC1	Environmental Studies	2	1	3
	CC	U5BA1001	Core	CC01	Principles of Management	5	5	3
	CC	U5BA1002	Core	CC02	Business Organization	4	3	3
	EC	U5BAAL11	Allied	EC03	Allied-Business Mathematics and Statistics I	5	4	3
	EC	U5BAAL12	Allied	EC04	Allied-Fundamentals of Computer	4	3	3
		TOTAL					30	25
II	EC	U5FUR201/ U5FAR201/ U5FHD201/ U5FTA201	Language II	EC05	Urdu Paper II/Arabic Paper II/Hindi Paper II/ Tamil Paper II	6	5	3
	EC	U5FEN201	English II	EC06	English Paper II	4	4	3
	AEC	U5VED201	Value EDU*	AEC2	Value Education	2	1	3
	CC	U5BA2001	Core	CC03	Managerial Communication	5	5	3
	CC	U5BA2002	Core	CC04	Banking and Financial System	4	3	3
	EC	U5BAAL21	Allied	EC07	Allied-Business Mathematics and Statistics II	5	4	3
	EC	U5BAAL22	Allied	EC08	Allied-Training and Development of Employees	4	3	3
		TOTAL					30	25
III	CC	U5BA3001	Core	CC05	Financial Accounting	5	5	3
	CC	U5BA3002	Core	CC06	Production Management	4	3	3
	EC	U5BAAL31	Allied	EC09	Allied-Operations Research	5	4	3
	EC	U5BAAL32	Allied	EC10	Allied-Managerial Economics	4	3	3
	CC	U5BA3003	Core	CC07	Strategic Management	4	4	3
	CC	U5BA3004	Core	CC08	E-Business	4	4	3
	AEC	U5BASB31	Skill Based	AEC3	Total Quality Management	4	2	3
		TOTAL					30	25
CC- Core Course, EC- Elective Course, AEC- Ability Enhancement Course*Engaged by the Department of English								



Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
IV	CC	U5BA4001	Core	CC09	Management Accounting	5	5	3
	CC	U5BA4002	Core	CC10	Materials Management	4	3	3
	EC	U5BAAL41	Allied	EC11	Allied-Organisational Behaviour	5	4	3
	EC	U5BAAL42	Allied	EC12	Allied-Financial Management	4	3	3
	CC	U5BA4003	Core	CC11	Business Environment	4	4	3
	CC	U5BA4004	Core	CC12	Principles of Insurance	4	4	3
	AEC	U5BASBP4	Skill Based Practical	AEC4	Tally (Practical)	4	2	3
		TOTAL				30	25	-
V	CC	U5BA5001	Core	CC13	Human Resource Management	5	5	3
	CC	U5BA5002	Core	CC14	Business Law	5	5	3
	CC	U5BA5003	Core	CC15	Cost Accounting	5	5	3
	CC	U5BA5004	Core	CC16	Entrepreneurial Development	5	5	3
	CC	U5BA5005	Core	CC17	Marketing Management	4	2	3
	CC	U5BA5006	Core	CC18	Retail Management	4	2	3
	AEC	U5BASB51	Skill Based	AEC5	Export Management	2	1	3
		TOTAL				30	25	-
VI	CC	U5BA6001	Core	CC19	Industrial Relations	5	5	3
	CC	U5BA6002	Core	CC20	Advertising & Salesmanship	5	5	3
	CC	U5BA6003	Core	CC21	Services Marketing	5	5	3
	CC	U5BA6004	Core	CC22	Marketing Research	5	5	3
	CC	U5BA6005	Core	CC23	Computer Application in Business	4	2	3
	CC	U5BA6006	Core	CC24	Company Law	4	2	3
	AEC	U5BASBP6	Skill Based Practical	AEC6	MS Office (Practical)	2	1	3
		TOTAL				30	25	-
		<b>GRAND TOTAL</b>				<b>180</b>	<b>150</b>	

B.Com. COMMERCE								
Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
I	EC	U5FUR101/ U5FAR101/ U5FHD101/ U5FTA101	Language I	EC01	Urdu Paper I/Arabic Paper I/ Hindi Paper I/ Tamil Paper I	6	5	3
	EC	U5FEN101	English I	EC02	English Paper I	4	4	3
	AEC	U5ENV101	ENV Studies*	AEC1	Environmental Studies	2	1	3
	CC	U5CO1001	Core	CC01	Financial Accounting I	5	5	3
	CC	U5CO1002	Core	CC02	Business Organisation	4	3	3
	EC	U5COAL11	Allied	EC03	Allied-Business Communication	5	4	3
	EC	U5COAL12	Allied	EC04	Allied-Business Economics I	4	3	3
		TOTAL					30	25
II	EC	U5FUR201/ U5FAR201/ U5FHD201/ U5FTA201	Language II	EC05	Urdu Paper II/Arabic Paper II/Hindi Paper II/ Tamil Paper II	6	5	3
	EC	U5FEN201	English II	EC06	English Paper II	4	4	3
	AEC	U5VED201	Value Studies*	AEC2	Value Education	2	1	3
	CC	U5CO2001	Core	CC03	Financial Accounting II	5	5	3
	CC	U5CO2002	Core	CC04	Business Management	4	3	3
	EC	U5COAP21	Allied Practical	EC07	Allied Practical-Business Computer Applications	5	4	3
	EC	U5COAL22	Allied	EC08	Allied-Business Economics II	4	3	3
		TOTAL					30	25
III	CC	U5CO3001	Core	CC05	Corporate Accounting I	5	5	3
	CC	U5CO3002	Core	CC06	Business Regulatory Framework	4	3	3
	EC	U5COAL31	Allied	EC09	Allied-Business Statistics I	5	4	3
	EC	U5COAL32	Allied	EC10	Allied-Elements of Insurance	4	3	3
	CC	U5CO3003	Core	CC07	Principles of Marketing	4	4	3
	CC	U5CO3004	Core	CC08	Modern Banking	4	4	3
	AEC	U5COSBP3	Skill Based Practical	AEC3	Introduction to Tally-Practical	4	2	3
		TOTAL					30	25
CC- Core Course, EC- Elective Course, AEC- Ability Enhancement Course*Engaged by the Department of English								

Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
IV	CC	U5CO4001	Core	CC09	Corporate Accounting – II	5	5	3
	CC	U5CO4002	Core	CC10	Company Law	4	3	3
	EC	U5COAL41	Allied	EC11	Allied-Business Statistics II	5	4	3
	EC	U5COAL42	Allied	EC12	Allied-Indirect Taxes	4	3	3
	CC	U5CO4003	Core	CC11	Modern Marketing	4	4	3
	CC	U5CO4004	Core	CC12	Business Environment	4	4	3
	AEC	U5COSBP4	Skill Based Practical	AEC4	Tally Accounting-Practical	4	2	3
		TOTAL				30	25	-
V	CC	U5CO5001	Core	CC13	Cost Accounting – I	5	5	3
	CC	U5CO5002	Core	CC14	Management Accounting – I	5	5	3
	CC	U5CO5003	Core	CC15	Auditing	5	5	3
	CC	U5CO5004	Core	CC16	Human Resource Management	5	5	3
	CC	U5CO5005	Core	CC17	Income Tax law & Practice – I	4	2	3
	CC	U5CO5006	Core	CC18	Service Marketing	4	2	3
	AEC	U5COSB51	Skill Based	AEC5	E - Commerce	2	1	3
		TOTAL				30	25	-
VI	CC	U5CO6001	Core	CC19	Cost Accounting – II	5	5	3
	CC	U5CO6002	Core	CC20	Management Accounting – II	5	5	3
	CC	U5CO6003	Core	CC21	Entrepreneurial Development	5	5	3
	CC	U5CO6004	Core	CC22	Industrial Legislations	5	5	3
	CC	U5CO6005	Core	CC23	Income Tax Law & Practice - II	4	2	3
	CC	U5CO6006	Core	CC24	Financial Management	4	2	3
	AEC	U5COSBP6	Skill based Practical	AEC6	Practical - Commerce Practical	2	1	3
		TOTAL				30	25	-
		GRAND TOTAL				180	150	

B.Com. [FINANCE &ACCOUNTS]								
Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
I	EC	U5FUR101/ U5FAR101/ U5FHD101/ U5FTA101	Language I	EC01	Urdu Paper I/Arabic Paper I/ Hindi Paper I/ Tamil Paper I	6	5	3
	EC	U5FEN101	English I	EC02	English Paper I	4	4	3
	AEC	U5ENV101	ENV Studies*	AEC1	Environmental Studies	2	1	3
	CC	U5FA1001	Core	CC01	Financial Accounting I	5	5	3
	CC	U5FA1002	Core	CC02	Industrial Law	4	3	3
	EC	U5FAAL11	Allied	EC03	Allied-Business Communication	5	4	3
	EC	U5FAAL12	Allied	EC04	Allied-Indian Economy	4	3	3
	TOTAL					30	25	-
II	EC	U5FUR201/ U5FAR201/ U5FHD201/ U5FTA201	Language II	EC05	Urdu Paper II/Arabic Paper II/ Hindi Paper II/ Tamil Paper II	6	5	3
	EC	U5FEN201	English II	EC06	English Paper II	4	4	3
	AEC	U5VED201	Value EDU*	AEC2	Value Education	2	1	3
	CC	U5FA2001	Core	CC03	Financial Accounting II	5	5	3
	CC	U5FA2002	Core	CC04	Financial Markets	4	3	3
	EC	U5FAAL21	Allied	EC07	Allied-Business Law	5	4	3
	EC	U5FAAL22	Allied	EC08	Allied-Indirect Taxes	4	3	3
	TOTAL					30	25	-
III	CC	U5FA3001	Core	CC05	Corporate Accounting I	5	5	3
	CC	U5FA3002	Core	CC06	Business Management	4	3	3
	EC	U5FAAL31	Allied	EC09	Allied-Business Statistics I	5	4	3
	EC	U5FAAL32	Allied	EC10	Allied-Elements of Insurance	4	3	3
	CC	U5FA3003	Core	CC07	Business Economics I	4	4	3
	CC	U5FA3004	Core	CC08	Modern Banking	4	4	3
	AEC	U5FASB31	Skill Based	AEC3	E– Commerce	4	2	3
	TOTAL					30	25	-
CC- Core Course, EC- Elective Course, AEC- Ability Enhancement Course*Engaged by the Department of English								

Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
IV	CC	U5FA4001	Core	CC09	Corporate Accounting- II	5	5	3
	CC	U5FA4002	Core	CC10	Banking Law & Practice	4	3	3
	EC	U5FAAL41	Allied	EC11	Allied-Business Statistics II	5	4	3
	EC	U5FAAL42	Allied	EC12	Allied-Islamic Economics	4	3	3
	CC	U5FA4003	Core	CC11	Business Economics II	4	4	3
	CC	U5FA4004	Core	CC12	Entrepreneurial Development	4	4	3
	AEC	U5FASB41	Skill Based	AEC4	Investment Management	4	2	3
		TOTAL				30	25	-
V	CC	U5FA5001	Core	CC13	Income Tax Law & Practice-I	5	5	3
	CC	U5FA5002	Core	CC14	Cost Accounting – I	5	5	3
	CC	U5FA5003	Core	CC15	Management Accounting	5	5	3
	CC	U5FA5004	Core	CC16	Human Resource Management	5	5	3
	CC	U5FA5005	Core	CC17	Marketing Management	4	2	3
	CC	U5FA5006	Core	CC18	Fundamentals of Islamic Finance	4	2	3
	AEC	U5FASB51	Skill Based	AEC5	Business Environment	2	1	3
		TOTAL				30	25	-
VI	CC	U5FA6001	Core	CC19	Income Tax Law & Practice II	5	5	3
	CC	U5FA6002	Core	CC20	Cost Accounting II	5	5	3
	CC	U5FA6003	Core	CC21	Financial Management	5	5	3
	CC	U5FA6004	Core	CC22	Tally & Computer Applications (Lab)	5	5	3
	CC	U5FA6005	Core	CC23	Practical Auditing	4	2	3
	CC	U5FA6006	Core	CC24	Islamic Banking Products & Services	4	2	3
	AEC	U5FASB61	Skill Based	AEC6	Company Law	2	1	3
		TOTAL				30	25	-
		<b>GRAND TOTAL</b>				<b>180</b>	<b>150</b>	

B.Com. [COMPUTER APPLICATIONS]								
Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
I	EC	U5FUR101/ U5FAR101/ U5FHD101/ U5FTA101	Language I	EC01	Urdu Paper I/Arabic Paper I/Hindi Paper I/ Tamil Paper I	6	5	3
	EC	U5FEN101	English I	EC02	English I	4	4	3
	AEC	U5ENV101	ENV Studies*	AEC1	Environmental Studies	2	1	3
	CC	U5CA1001	Core	CC01	Financial Accounting I	5	5	3
	CC	U5CA1002	Core	CC02	Principles of Management	4	3	3
	EC	U5CAAL11	Allied	EC03	Allied-Introduction to Information Technology	7	6	3
	EC	U5CAAP11	Allied Practical	EC04	Allied Practical -MS Office	2	1	3
		TOTAL					30	25
II	EC	U5FUR201/ U5FAR201/ U5FHD201/ U5FTA201	Language II	EC05	Urdu Paper II/Arabic Paper II/Hindi Paper II/ Tamil Paper II	6	5	3
	EC	U5FEN201	English II	EC06	English Paper II	4	4	3
	AEC	U5VED201	Value EDU*	AEC2	Value Education	2	1	3
	CC	U5CA2001	Core	CC03	Financial Accounting II	5	5	3
	CC	U5CA2002	Core	CC04	Business Economics	4	3	3
	EC	U5CAAL21	Allied	EC07	Allied-Tally (Theory)	7	6	3
	EC	U5CAAP21	Allied Practical	EC08	Allied Practical-Tally	2	1	3
		TOTAL					30	25
III	CC	U5CA3001	Core	CC05	Corporate Accounting – I	5	5	3
	CC	U5CA3002	Core	CC06	Business Communication	4	3	3
	EC	U5CAAL31	Allied	EC09	Allied-Database Management System (DBMS)	5	4	3
	EC	U5CAAP31	Allied Practical	EC10	Allied Practical-Database Management System – Practical SQL and PL/SQL	4	3	3
	CC	U5CA3003	Core	CC07	Commercial Law	4	4	3
	CC	U5CA3004	Core	CC08	Statistics – I	4	4	3
	AEC	U5CASB31	Skill Based	AEC3	Principles of Insurance	4	2	3
		TOTAL					30	25
CC- Core Course, EC- Elective Course, AEC- Ability Enhancement Course*Engaged by the Department of English								

Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
IV	CC	U5CA4001	Core	CC09	Corporate Accounting – II	5	5	3
	CC	U5CA4002	Core	CC10	Marketing Management	4	3	3
	EC	U5CAAL41	Allied	EC11	Allied-Visual Basic Programming (Theory)	5	4	3
	EC	U5CAAP41	Allied Practical	EC12	Allied Practical-Visual Basic Programming	4	3	3
	CC	U5CA4003	Core	CC11	Company Law	4	4	3
	CC	U5CA4004	Core	CC12	Statistics – II	4	4	3
	AEC	U5CASB41	Skill Based	AEC4	Consumer welfare	4	2	3
		TOTAL				30	25	-
V	CC	U5CA5001	Core	CC13	Cost Accounting	5	5	3
	CC	U5CA5002	Core	CC14	Income Tax Law & Practice I	5	5	3
	CC	U5CA5003	Core	CC15	Practical Auditing	5	5	3
	CC	U5CA5004	Core	CC16	Entrepreneurial Development	5	5	3
	CC	U5CA5005	Core	CC17	Web Technology -Theory	4	2	3
	CC	U5CAPR51	Core Practical	CC18	Web Technology -Practical	4	2	3
	AEC	U5CASB51	Skill Based	AEC5	Quantitative Aptitude	2	1	3
		TOTAL				30	25	-
VI	CC	U5CA6001	Core	CC19	Management Accounting	5	5	3
	CC	U5CA6002	Core	CC20	Income Tax Law & Practice II	5	5	3
	CC	U5CA6003	Core	CC21	Banking Law & Practice	5	5	3
	CC	U5CAPJ61	Project	CC22	Project – (Commerce) Including Viva-voce	5	5	3
	CC	U5CA6004	Core	CC23	Multimedia Theory & Practice	4	2	3
	CC	U5CA6005	Core	CC24	Human Resource Management	4	2	3
	AEC	U5CASB61	Skill Based	AEC6	E-Commerce & Its Applications	2	1	3
		TOTAL				30	25	-
		<b>GRAND TOTAL</b>				<b>180</b>	<b>150</b>	

B.Sc. MATHEMATICS								
Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
I	EC	U5FUR101/ U5FAR101/ U5FHD101/ U5FTA101	Language I	EC01	Urdu Paper I/Arabic Paper I/Hindi Paper I/ Tamil Paper I	6	5	3
	EC	U5FEN101	English I	EC02	English Paper I	4	4	3
	AEC	U5ENV101	ENV Studies*	AEC1	Environmental Studies	2	1	3
	CC	U5MS1001	Core	CC01	Algebra and Trigonometry	7	7	3
	CC	U5MSPR11	Core Practical	CC02	Practical I- Computational Laboratory I	2	1	3
	CC	U5MSAL11	Allied I	CC03	Allied-Numerical Methods I	7	6	3
	EC	U5MSAP11	Allied I Practical	EC03	Allied Practical-Problem Solving Techniques I	2	1	3
		TOTAL					30	25
II	EC	U5FUR201/ U5FAR201/ U5FHD201/ U5FTA201	Language II	EC04	Urdu Paper II/Arabic Paper II/Hindi Paper II/ Tamil Paper II	6	5	3
	EC	U5FEN201	English II	EC05	English Paper II	4	4	3
	AEC	U5VED201	Value EDU*	AEC2	Value Education	2	1	3
	CC	U5MS2001	Core	CC04	Calculus & Solid Geometry	7	7	3
	CC	U5MSPR21	Core Practical	CC05	Practical II-Computational Laboratory II	2	1	3
	CC	U5MSAL21	Allied I	CC06	Allied-Numerical Methods II	7	6	3
	EC	U5MSAP21	Allied I Practical	EC06	Allied Practical-Problem Solving Techniques II	2	1	3
		TOTAL					30	25
III	EC	U5FUR301/ U5FAR301/ U5FHD301/ U5FTA301	Language III	EC07	Urdu Paper III /Arabic Paper III/ Hindi Paper III/ Tamil Paper III	4	4	3
	EC	U5URNM31/ U5ARNM31/ U5HDNM31/ U5TANM31	Non-Major	EC08	Basic Urdu-I/ Basic Arabic I/ Basic Hindi I/ அறிவியல் தமிழ் I	2	1	3
	EC	U5FEN301	English III	EC09	English Paper III	6	5	3
	CC	U5MS3001	Core	CC07	Differential Equations & Vector Analysis	7	7	3
	CC	U5MSPR31	Core	CC08	Practical III-Mathematical Automation I	2	1	3
	CC	U5MSAL31	Allied II	CC09	Allied-Mathematical Statistics I	7	6	3
	AEC	U5MSAP31	Allied II Practical	AEC3	Allied Practical -Mathematical Statistics I	2	1	3
		TOTAL					30	25
CC- Core Course, EC- Elective Course, AEC- Ability Enhancement Course*Engaged by the Department of English								



Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
IV	EC	U5FUR401/ U5FAR401/ U5FHD401/ U5FTA401	Language IV	EC10	Urdu Paper IV /Arabic Paper IV /Hindi Paper IV/ Tamil Paper IV	4	4	3
	EC	U5URNM41/ U5ARNM41/ U5HDNM41/ U5TANM41	Non-Major	EC11	Basic Urdu-II/ Basic Arabic II/ Basic Hindi II/ அறிவியல் தமிழ் II	2	1	3
	EC	U5FEN401	English IV	EC12	English Paper IV	6	5	3
	CC	U5MS4001	Core	CC10	Special Transforms	7	7	3
	CC	U5MSPR41	Core	CC11	Practical IV-Mathematical Automation II	2	1	3
	CC	U5MSAL41	Allied II	CC12	Allied-Mathematical Statistics II	7	6	3
	AEC	U5MSAP41	Allied II Practical	AEC4	Allied Practical -Mathematical Statistics II	2	1	3
		TOTAL				30	25	-
V	CC	U5MS5001	Core	CC13	Modern Algebra - I	6	5	3
	CC	U5MS5002	Core	CC14	Real Analysis	5	4	3
	CC	U5MS5003	Core	CC15	Statics	5	4	3
	CC	U5MS5004	Core	CC16	Operations Research - I	5	4	3
	EC	U5MS5005	Elective	CC17	Graph Theory	4	3	3
	CC	U5MSPR51	Elective Practical		SPSS Lab	2	2	2
	EC	U5MSSB51	Skill Based		Quantitative Aptitude	3	3	3
		TOTAL				30	25	-
VI	CC	U5MS6001	Core	CC18	Modern Algebra - II	6	5	3
	CC	U5MS6002	Core	CC19	Complex Analysis	5	4	3
	CC	U5MS6003	Core	CC20	Dynamics	5	4	3
	CC	U5MS6004	Core	CC21	Operations Research II	5	4	3
	CC	U5MS6005	Elective	CC22	Fuzzy Set theory	4	4	3
	CC	U5MSPR61	Elective Practical		Web Designing Lab	2	2	2
	CC	U5MSSB61	Skill Based		Computational Methods	3	3	3
		TOTAL				30	25	-
		GRAND TOTAL				180	150	

B.Sc. PHYSICS								
Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
I	EC	U5FUR101/ U5FAR101/ U5FHD101/ U5FTA101	Language I	EC01	Urdu Paper I/Arabic Paper I/Hindi Paper I/ Tamil Paper I	6	5	3
	EC	U5FEN101	English I	EC02	English Paper I	4	4	3
	AEC	U5ENV101	ENV Studies*	AEC1	Environmental Studies	2	1	3
	CC	U5PY1001	Core	CC01	Properties of Matter and Acoustics	5	5	3
	CC	U5PYPR11	Core Practical	CC02	Main Physics Practical I	4	3	3
	CC	U5PYAL11	Allied I	CC03	Allied Chemistry I	7	6	3
	EC	U5PYAP11	Allied I Practical	EC03	Allied Chemistry Practical I	2	1	3
		TOTAL					30	25
II	EC	U5FUR201/ U5FAR201/ U5FHD201/ U5FTA201	Language II	EC04	Urdu Paper II/Arabic Paper II/Hindi Paper II/ Tamil Paper II	6	5	3
	EC	U5FEN201	English II	EC05	English Paper II	4	4	3
	AEC	U5VED201	Value EDU*	AEC2	Value Education	2	1	3
	CC	U5PY2001	Core	CC04	Thermal Physics	5	5	3
	CC	U5PYPR21	Core Practical	CC05	Main Physics Practical II	4	3	3
	CC	U5PYAL21	Allied I	CC06	Allied Chemistry II	7	6	3
	EC	U5PYAP21	Allied I Practical	EC06	Allied Chemistry Practical II	2	1	3
		TOTAL					30	25
III	EC	U5FUR301/ U5FAR301/ U5FHD301/U 5FTA301	Language III	EC07	Urdu Paper III/Arabic Paper III/Hindi Paper III/ Tamil Paper III	4	4	3
	EC	U5URNM31/ U5ARNM31/ U5HDNM31/ U5TANM31	Non-Major	EC08	Basic Urdu-I/ Basic Arabic I/ Basic Hindi I/ அறிவியல் தமிழ் I	2	1	3
	EC	U5FEN301	English III	EC09	English Paper III	6	5	3
	CC	U5PY3001	Core	CC07	Classical Mechanics and Relativity	5	5	3
	CC	U5PYPR31	Core Practical	CC08	Main Physics Practical III	4	3	3
	CC	U5PYAL31	Allied II	CC09	Allied Mathematics I	7	6	3
	AEC	U5PYAP31	Allied II Practical	AEC3	Allied Practical -Computational Mathematics I	2	1	3
		TOTAL					30	25
CC- Core Course, EC- Elective Course, AEC- Ability Enhancement Course*Engaged by the Department of English								

Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
IV	EC	U5FUR401/ U5FAR401/ U5FHD401/ U5FTA401	Language IV	EC10	Urdu Paper IV /Arabic Paper IV /Hindi Paper IV/ Tamil Paper IV	4	4	3
	EC	U5URNM41/ U5ARNM41/ U5HDNM41/ U5TANM41	Non-Major	EC11	Basic Urdu-II/ Basic Arabic II/ Basic Hindi II/அறிவியல் தமிழ் II	2	1	3
	EC	U5FEN401	English IV	EC12	English Paper IV	6	5	3
	CC	U5PY4001	Core	CC10	Optics	5	5	3
	CC	U5PYPR41	Core Practical	CC11	Main Physics Practical IV	4	3	3
	CC	U5PYAL41	Allied II	CC12	Allied Mathematics II	7	6	3
	AEC	U5PYAP41	Allied II Practical	AEC4	Allied Practical -Computational Mathematics II	2	1	3
		TOTAL				30	25	-
V	CC	U5PY5001	Core	CC13	Electricity and Electromagnetism	5	5	3
	CC	U5PY5002	Core	CC14	Atomic Physics	5	5	3
	CC	U5PY5003	Core	CC15	Applied Electronics	5	5	3
	CC	U5PY5004	Core	CC16	Digital Electronics	5	5	3
	CC	U5PYPR51	Core Practical	CC17	Main Physics Practical V	4	2	3
	CC	U5PYPR52	Core Practical	CC18	Practical VI Electronics Experiments I	4	2	3
	AEC	U5PYSB51	Skill Based	AEC5	Maintenance and Servicing of Home Appliances	2	1	3
		TOTAL				30	25	-
VI	CC	U5PY6001	Core	CC19	Nuclear and Particle Physics	5	5	3
	CC	U5PY6002	Core	CC20	Quantum Mechanics and Mathematical Physics	5	5	3
	CC	U5PY6003	Core	CC21	Numerical methods and Fundamentals of "C"	5	5	3
	CC	U5PY6004	Core	CC22	Microprocessor and its Application-8085	5	5	3
	CC	U5PYPR61	Core Practical	CC23	Main Physics Practical VII	4	2	3
	CC	U5PYPR62	Core Practical	CC24	Practical VIII - Electronics Experiments II	4	2	3
	AEC	U5PYSB61	Skill Based	AEC6	Television Maintenance & Troubleshooting	2	1	3
		TOTAL				30	25	-
		GRAND TOTAL				180	150	

B.Sc. CHEMISTRY								
Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
I	EC	U5FUR101/ U5FAR101/ U5FHD101/ U5FTA101	Language I	EC01	Urdu Paper I/Arabic Paper I/ Hindi Paper I/ Tamil Paper I	6	5	3
	EC	U5FEN101	English I	EC02	English Paper I	4	4	3
	AEC	U5ENV101	ENV Studies*	AEC1	Environmental Studies	2	1	3
	CC	U5CH1001	Core	CC01	General Chemistry I	7	7	3
	CC	U5CHPR11	Core Practical	CC02	Practical I Volumetric Estimation- I	2	1	3
	CC	U5CHAL11	Allied I	CC03	Allied Physics I	7	6	3
	EC	U5CHAP11	Allied I Practical	EC03	Allied Physics Practical I	2	1	3
		TOTAL					30	25
II	EC	U5FUR201/ U5FAR201/ U5FHD201/ U5FTA201	Language II	EC04	Urdu Paper II/Arabic Paper II/Hindi Paper II/ Tamil Paper II	6	5	3
	EC	U5FEN201	English II	EC05	English Paper II	4	4	3
	AEC	U5VED201	Value EDU*	AEC2	Value Education	2	1	3
	CC	U5CH2001	Core	CC04	General Chemistry II	7	7	3
	CC	U5CHPR21	Core Practical	CC05	Practical II Volumetric Estimation –II	2	1	3
	CC	U5CHAL21	Allied I	CC06	Allied Physics II	7	6	3
	EC	U5CHAP21	Allied I Practical	EC06	Allied Physics Practical II	2	1	3
		TOTAL					30	25
III	EC	U5FUR301/ U5FAR301/ U5FHD301/ U5FTA301	Language III	EC07	Urdu Paper III/Arabic Paper III/ Hindi Paper III/ Tamil Paper III	4	4	3
	EC	U5URNM31/ U5ARNM31/ U5HDNM31/ U5TANM31	Non-Major	EC08	Basic Urdu-I/ Basic Arabic I/ Basic Hindi I/ அறிவியல் தமிழ் I	2	1	3
	EC	U5FEN301	English III	EC09	English Paper III	6	5	3
	CC	U5CH3001	Core	CC07	General Chemistry III	7	7	3
	CC	U5CHPR31	Core Practical	CC08	Practical III- Complex Preparation and Acid Radical Analysis	2	1	3
	CC	U5CHAL31/ U5CHAL32	Allied II	CC09	[To Choose 1 out of 2] 1. Allied Zoology I/ 2. Allied Mathematics I	7	6	3
	AEC	U5CHAP31/ U5CHAP32	Allied II Practical	AEC3	Allied Zoology Practical I/ Allied Practical -Computational Mathematics I	2	1	3
		TOTAL					30	25
CC- Core Course, EC- Elective Course, AEC- Ability Enhancement Course*Engaged by the Department of English								

Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
IV	EC	U5FUR401/ U5FAR401/ U5FHD401/ U5FTA401	Language IV	EC10	Urdu Paper IV /Arabic Paper IV /Hindi Paper IV/ Tamil Paper IV	4	4	3
	EC	U5URNM41/ U5ARNM41/ U5HDNM41/ U5TANM41	Non-Major	EC11	Basic Urdu-II/ Basic Arabic II/ Basic Hindi II/அறிவியல் தமிழ் II	2	1	3
	EC	U5FEN401	English IV	EC12	English Paper IV	6	5	3
	CC	U5CH4001	Core	CC10	General Chemistry IV	5	5	3
	CC	U5CHPR41	Core Practical	CC11	Practical IV - Qualitative Analysis of Inorganic Salt Mixture	4	3	3
	CC	U5CHAL41/ U5CHAL42	Allied II	CC12	[To Choose 1 out of 2] 1. Allied Zoology II/ 2. Allied Mathematics II	7	6	3
	AEC	U5CHAP41/ U5CHAP42	Allied II Practical	AEC4	Allied Zoology Practical II/ Allied Practical -Computational Mathematics II	2	1	3
		TOTAL				30	25	-
V	CC	U5CH5001	Core	CC13	Inorganic Chemistry I	5	5	3
	CC	U5CH5002	Core	CC14	Organic Chemistry I	5	5	3
	CC	U5CH5003	Core	CC15	Physical Chemistry I	5	5	3
	CC	U5CH5004	Core	CC16	Leather Chemistry & Water Treatment	5	5	3
	CC	U5CHPR51	Core Practical	CC17	Practical V: Gravimetric Estimation I	4	2	3
	CC	U5CHPR52	Core Practical	CC18	Practical VI: Physical Chemistry Practical I	4	2	3
	AEC	U5CHSBP5	Skill Based Practical	AEC5	Practical VII: Organic Chemistry Practical I	2	1	3
		TOTAL				30	25	-
VI	CC	U5CH6001	Core	CC19	Inorganic Chemistry II	5	5	3
	CC	U5CH6002	Core	CC20	Organic Chemistry II	5	5	3
	CC	U5CH6003	Core	CC21	Physical Chemistry II	5	5	3
	CC	U5CH6004	Core	CC22	Pharmaceutical & Analytical Chemistry	5	5	3
	CC	U5CHPR61	Core Practical	CC23	Practical VIII: Gravimetric Estimation II	4	2	3
	CC	U5CHPR62	Core Practical	CC24	Practical IX: Physical Chemistry Practical II	4	2	3
	AEC	U5CHSBP6	Skill Based Practical	AEC6	Practical X: Organic Chemistry Practical II	2	1	3
		TOTAL				30	25	-
		GRAND TOTAL				180	150	

B.Sc. BIOCHIMISTRY								
Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
I	EC	U5FUR101/ U5FAR101/ U5FHD101/ U5FTA101	Language I	EC01	Urdu Paper I/Arabic Paper I/ Hindi Paper I/ Tamil Paper I	6	5	3
	EC	U5FEN101	English I	EC02	English Paper I	4	4	3
	AEC	U5ENV101	ENV Studies*	AEC1	Environmental Studies	2	1	3
	CC	U5BI1001	Core	CC01	Biological Macromolecules - I	7	7	3
	CC	U5BIPR11	Core Practical	CC02	Practical I: Quantitative & Qualitative Analysis I	2	1	3
	CC	U5BIAL11	Allied I	CC03	Allied Chemistry I	7	6	3
	EC	U5BIAP11	Allied I Practical	EC03	Allied Chemistry Practical I	2	1	3
TOTAL						30	25	-
II	EC	U5FUR201/ U5FAR201/ U5FHD201/ U5FTA201	Language II	EC04	Urdu Paper II/Arabic Paper II/Hindi Paper II/ Tamil Paper II	6	5	3
	EC	U5FEN201	English II	EC05	English Paper II	4	4	3
	AEC	U5VED201	Value EDU*	AEC2	Value Education	2	1	3
	CC	U5BI2001	Core	CC04	Biological Macromolecules II	7	7	3
	CC	U5BIPR21	Core Practical	CC05	Practical II: Quantitative & Qualitative Analysis II	2	1	3
	CC	U5BIAL21	Allied I	CC06	Allied Chemistry II	7	6	3
	EC	U5BIAP21	Allied Practical	EC06	Allied Chemistry Practical II	2	1	3
TOTAL						30	25	-
III	EC	U5FUR301/ U5FAR301/ U5FHD301/ U5FTA301	Language III	EC07	Urdu Paper III/Arabic Paper III/Hindi Paper III/ Tamil Paper III	4	4	3
	EC	U5URNM31/ U5ARNM31/ U5HDNM31/ U5TANM31	Non-Major	EC08	Basic Urdu-I/ Basic Arabic I/ Basic Hindi I/ அறிவியல் தமிழ் I	2	1	3
	EC	U5FEN301	English III	EC09	English Paper III	6	5	3
	CC	U5BI3001	Core	CC07	Analytical Biochemistry	7	7	3
	CC	U5BIPR31	Core Practical	CC08	Practical III - Volumetric Analysis & Biological Preparation	2	1	3
	CC	U5BIAL31	Allied II	CC09	Allied Zoology I	7	6	3
	AEC	U5BIAP31	Allied II Practical	AEC3	Allied Zoology Practical I	2	1	3
TOTAL						30	25	-
CC- Core Course, EC- Elective Course, AEC- Ability Enhancement Course*Engaged by the Department of English								

Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
IV	EC	U5FUR401/ U5FAR401/ U5FHD401/ U5FTA401	Language IV	EC10	Urdu Paper IV /Arabic Paper IV /Hindi Paper IV/ Tamil Paper IV	4	4	3
	EC	U5URNM41/ U5ARNM41/ U5HDNM41/ U5TANM41	Non-Major	EC11	Basic Urdu-II/ Basic Arabic II/ Basic Hindi II/அறிவியல் தமிழ் II	2	1	3
	EC	U5FEN401	English IV	EC12	English Paper IV	6	5	3
	CC	U5BI4001	Core	CC10	Analytical Biochemistry & Bioinformatics	7	7	3
	CC	U5BIPR41	Core Practical	CC11	Practical IV: Colorimetric Techniques & Preparation of Buffers	2	1	3
	CC	U5BIAL41	Allied II	CC12	Allied Zoology II	7	6	3
	AEC	U5BIAP41	Allied II Practical	AEC4	Allied Zoology Practical II	2	1	3
		TOTAL				30	25	-
V	CC	U5BI5001	Core	CC13	Enzymology	5	5	3
	CC	U5BI5002	Core	CC14	Genetics and Molecular Biology	5	5	3
	CC	U5BI5003	Core	CC15	Human Anatomy and Physiology	5	5	3
	CC	U5BI5004	Core	CC16	Medical Laboratory Technology	5	5	3
	CC	U5BIPR51	Core Practical	CC17	Practical V: Colorimetric Analysis and Electrophoresis	4	2	6
	CC	U5BIPR52	Core Practical	CC18	Practical VI: Medical Laboratory Technology Practical I	4	2	6
	AEC	U5BISB51	Skill Based	AEC5	Biotechnology I	2	1	3
		TOTAL				30	25	-
VI	EC	U5BI6001	Core	CC19	Intermediary Metabolism	5	5	3
	EC	U5BI6002	Core	CC20	Clinical Biochemistry	5	5	3
	EC	U5BI6003	Core	CC21	Immunology	5	5	3
	CC	U5BI6004	Core	CC22	Nutritional Biochemistry & Dietetics	5	5	3
	CC	U5BIPR61	Core Practical	CC23	Practical VII: Enzymology and Chromatography	4	2	6
	CC	U5BIPR62	Core Practical	CC24	Practical VIII: Medical Laboratory Technology practical II	4	2	6
	AEC	U5BISB61	Skill Based	AEC6	Biotechnology II	2	1	3
		TOTAL				30	25	-
		GRAND TOTAL				180	150	

B.Sc. BIOTECHNOLOGY								
Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
I	EC	U5FUR101/ U5FAR101/ U5FHD101/ U5FTA101	Language I	EC01	Urdu Paper I/Arabic Paper I/ Hindi Paper I/ Tamil Paper I	6	5	3
	EC	U5FEN101	English I	EC02	English Paper I	4	4	3
	AEC	U5ENV101	ENV Studies*	AEC1	Environmental Studies	2	1	3
	CC	U5BT1001	Core	CC01	Molecular Biology	7	7	3
	CC	U5BTPR11	Core Practical	CC02	Practical I - Molecular Biology	2	1	3
	CC	U5BTAL11	Allied I	CC03	Allied Biochemistry and Biophysics	7	6	3
	EC	U5BTAP11	Allied I Practical	EC03	Allied Practical - Biochemistry and Biophysics	2	1	3
		TOTAL					30	25
II	EC	U5FUR201/ U5FAR201/ U5FHD201/ U5FTA201	Language II	EC04	Urdu Paper II/Arabic Paper II/Hindi Paper II/ Tamil Paper II	6	5	3
	EC	U5FEN201	English II	EC05	English Paper II	4	4	3
	AEC	U5VED201	Value EDU*	AEC2	Value Education	2	1	3
	CC	U5BT2001	Core	CC04	Microbiology	7	7	3
	CC	U5BTPR21	Core Practical	CC05	Practical II -Microbiology	2	1	3
	CC	U5BTAL21	Allied I	CC06	Allied Bio-Diversity	7	6	3
	EC	U5BTAP21	Allied I Practical	EC06	Allied Practical- Bio-Diversity	2	1	3
		TOTAL					30	25
III	EC	U5FUR301/ U5FAR301/ U5FHD301/U 5FTA301	Language III	EC07	Urdu Paper III/Arabic Paper III/Hindi Paper III/ Tamil Paper III	4	4	3
	EC	U5URNM31/ U5ARNM31/ U5HDNM31/ U5TANM31	Non-Major	EC08	Basic Urdu-I/ Basic Arabic I/ Basic Hindi I/ அறிவியல் தமிழ் I	2	1	3
	EC	U5FEN301	English III	EC09	English Paper III	6	5	3
	CC	U5BT3001	Core	CC07	Bioinstrumentation	7	7	3
	CC	U5BTPR31	Core Practical	CC08	Practical III - Bioinstrumentation	2	1	3
	CC	U5BTAL31	Allied II	CC09	Allied Biostatistics	7	6	3
	AEC	U5BTAP31	Allied Practical	AEC3	Allied Practical - Biostatistics	2	1	3
		TOTAL					30	25
CC- Core Course, EC- Elective Course, AEC- Ability Enhancement Course*Engaged by the Department of English								



Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
IV	EC	U5FUR401/ U5FAR401/ U5FHD401/ U5FTA401	Language IV	EC10	Urdu Paper IV /Arabic Paper IV /Hindi Paper IV/ Tamil Paper IV	4	4	3
	EC	U5URNM41/ U5ARNM41/ U5HDNM41/ U5TANM41	Non-Major	EC11	Basic Urdu-II/ Basic Arabic II/ Basic Hindi II/ அறிவியல் தமிழ் II	2	1	3
	EC	U5FEN401	English IV	EC12	English Paper IV	6	5	3
	CC	U5BT4001	Core	CC10	Immunology	7	7	3
	CC	U5BTPR41	Core Practical	CC11	Practical IV: Immunology	2	1	3
	CC	U5BTAL41	Allied II	CC12	Allied Food processing Technology	7	6	3
	AEC	U5BTAP41	Allied Practical	AEC4	Allied Practical - Food Processing Technology	2	1	3
		TOTAL				30	25	-
V	CC	U5BT5001	Core	CC13	Industrial Biotechnology	5	5	3
	CC	U5BT5002	Core	CC14	Animal Biotechnology	5	5	3
	CC	U5BT5003	Core	CC15	r-DNA Technology	5	5	3
	CC	U5BT5004	Core	CC16	Endocrine Technology	5	5	3
	CC	U5BTPR51	Core Practical	CC17	Industrial & Animal Biotechnology Practical V	4	2	3
	CC	U5BTPR52	Core Practical	CC18	r-DNA & Endocrine Technology Practical VI	4	2	3
	AEC	U5BTSB51	Skill Based	AEC5	Bioinformatics	2	1	3
		TOTAL				30	25	-
VI	CC	U5BT6001	Core	CC19	Environmental Biotechnology	5	5	3
	CC	U5BT6002	Core	CC20	Nano Biotechnology	5	5	3
	CC	U5BT6003	Core	CC21	Medical Biotechnology	5	5	3
	CC	U5BT6004	Core	CC22	Herbal Biotechnology	5	5	3
	CC	U5BTPR61	Core Practical	CC23	Environmental & Nano Biotechnology Practical VII	4	2	3
	CC	U5BTPR62	Core Practical	CC24	Medical & Herbal Biotechnology Practical VIII	4	2	3
	AEC	U5BTSB61	Skill Based	AEC6	Marine Biotechnology	2	1	3
		TOTAL				30	25	-
		GRAND TOTAL				180	150	

B.Sc. COMPUTER SCIENCE								
Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
I	EC	U5FUR101/ U5FAR101/ U5FHD101/ U5FTA101	Language I	EC01	Urdu Paper I/Arabic Paper I/ Hindi Paper I/ Tamil Paper I	6	5	3
	EC	U5FEN101	English I	EC02	English Paper I	4	4	3
	AEC	U5ENV101	ENV Studies*	AEC1	Environmental Studies	2	1	3
	CC	U5CC1001	Core	CC01	Digital Logic Fundamentals	7	7	3
	CC	U5CCPR11	Core Practical	CC02	Practical I-Office Software Lab	2	1	3
	CC	U5CCAL11	Allied I	CC03	Allied Mathematical Foundations I	7	6	3
	EC	U5CCAP11	Allied Practical	EC03	Allied Practical -Problem Solving Techniques I	2	1	3
		TOTAL					30	25
II	EC	U5FUR201/ U5FAR201/ U5FHD201/ U5FTA201	Language II	EC04	Urdu Paper II/Arabic Paper II/Hindi Paper II/ Tamil Paper II	6	5	3
	EC	U5FEN201	English II	EC05	English Paper II	4	4	3
	AEC	U5VED201	Value EDU*	AEC2	Value Education	2	1	3
	CC	U5CC2001	Core	CC04	Programming in C	7	7	3
	CC	U5CCPR21	Core Practical	CC05	Practical II-Programming in C Lab.	2	1	3
	CC	U5CCAL21	Allied I	CC06	Allied-Mathematical Foundations II	7	6	3
	EC	U5CCAP21	Allied Practical	EC06	Allied Practical-Problem Solving Techniques II	2	1	3
		TOTAL					30	25
III	EC	U5FUR301/ U5FAR301/ U5FHD301/U 5FTA301	Language III	EC07	Urdu Paper III/Arabic Paper III/Hindi Paper III/ Tamil Paper III	4	4	3
	EC	U5URNM31/ U5ARNM31/ U5HDNM31/ U5TANM31	Non-Major	EC08	Basic Urdu-I/ Basic Arabic I/ Basic Hindi I/ அறிவியல் தமிழ் I	2	1	3
	EC	U5FEN301	English III	EC09	English Paper III	6	5	3
	CC	U5CC3001	Core	CC07	C++ & Data Structures	7	7	3
	CC	U5CCPR31	Core Practical	CC08	Practical III -Data Structures using C++ - Lab	2	1	3
	CC	U5CCAL31/ U5CCAL32	Allied II	CC09	Allied Physics I / Financial Accounting I	7	6	3
	AEC	U5CCAP31/ U5CCAP32	Allied Practical	AEC3	Allied Physics Practical I / Allied practical -Accounts Lab I	2	1	3
		TOTAL					30	25
CC- Core Course, EC- Elective Course, AEC- Ability Enhancement Course*Engaged by the Department of English								

Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
IV	EC	U5FUR401/ U5FAR401/ U5FHD401/ U5FTA401	Language IV	EC10	Urdu Paper IV /Arabic Paper IV / Hindi Paper IV/ Tamil Paper IV	4	4	3
	EC	U5URNM41/ U5ARNM41/ U5HDNM41/ U5TANM41	Non-Major	EC11	Basic Urdu-II/ Basic Arabic II/ Basic Hindi II/ அறிவியல் தமிழ் II	2	1	3
	EC	U5FEN401	English IV	EC12	English Paper IV	6	5	3
	CC	U5CS4001	Core	CC10	Programming in Java	7	7	3
	CC	U5CSPR41	Core Practical	CC11	Practical IV-Programming in Java Lab	2	1	3
	CC	U5CSAL41/ U5CSAL42	Allied II	CC12	Allied Physics II / Financial Accounting II	7	6	3
	AEC	U5CSAP41/ U5CSAP42	Allied Practical	AEC4	Allied Physics Practical II / Allied Practical Accounts Lab II	2	1	3
		TOTAL				30	25	-
V	CC	U5CS5001	Core	CC13	Design and Analysis of Algorithm	5	5	3
	CC	U5CS5002	Core	CC14	Microprocessor and its Applications	5	5	3
	CC	U5CS5003	Core	CC15	Computer Networks	5	5	3
	CC	U5CS5004	Core	CC16	Software Engineering	5	5	3
	CC	U5CSPR51	Core Practical	CC17	Microprocessor Lab	4	2	3
	CC	U5CSPR52	Core Practical	CC18	Computer Networks Lab	4	2	3
	AEC	U5CSSBP5	Skill Based Practical	AEC5	Mobile Application Development Lab	2	1	3
		TOTAL				30	25	-
VI	CC	U5CS6001	Core	CC19	Computer Graphics and Multimedia	5	5	3
	CC	U5CS6002	Core	CC20	Database Management System	5	5	3
	CC	U5CS6003	Core	CC21	Operating Systems	5	5	3
	CC	U5CS6004	Core	CC22	Open Source Programming	5	5	3
	CC	U5CSPR61	Core Practical	CC23	Data Management System Lab	4	2	3
	CC	U5CSPR62	Core Practical	CC24	Unix & Operating System Lab	4	2	3
	AEC	U5CSSBP6	Skill Based Lab	AEC6	Open Source Programming Lab	2	1	3
		TOTAL				30	25	-
		GRAND TOTAL				180	150	

B.Sc SOFTWARE COMPUTER SCIENCE								
Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
I	EC	U5FUR101/ U5FAR101/ U5FHD101/ U5FTA101	Language I	EC01	Urdu Paper I/Arabic Paper I/ Hindi Paper I/ Tamil Paper I	6	5	3
	EC	U5FEN101	English I	EC02	English Paper I	4	4	3
	AEC	U5ENV101	ENV Studies*	AEC1	Environmental Studies	2	1	3
	CC	U5CC1001	Core	CC01	Digital Logic Fundamentals	7	7	3
	CC	U5CCPR11	Core Practical	CC02	Practical I-Office Software Lab	2	1	3
	CC	U5CCAL11	Allied I	CC03	Allied Mathematical Foundations I	7	6	3
	EC	U5CCAP11	Allied Practical	EC03	Allied Practical -Problem Solving Techniques I	2	1	3
		TOTAL					30	25
II	EC	U5FUR201/ U5FAR201/ U5FHD201/ U5FTA201	Language II	EC04	Urdu Paper II/Arabic Paper II/Hindi Paper II/ Tamil Paper II	6	5	3
	EC	U5FEN201	English II	EC05	English Paper II	4	4	3
	AEC	U5VED201	Value EDU*	AEC2	Value Education	2	1	3
	CC	U5CC2001	Core	CC04	Programming in C	7	7	3
	CC	U5CCPR21	Core Practical	CC05	Practical II-Programming in C Lab.	2	1	3
	CC	U5CCAL21	Allied I	CC06	Allied-Mathematical Foundations II	7	6	3
	EC	U5CCAP21	Allied Practical	EC06	Allied Practical-Problem Solving Techniques II	2	1	3
		TOTAL					30	25
III	EC	U5FUR301/ U5FAR301/ U5FHD301/U 5FTA301	Language III	EC07	Urdu Paper III/Arabic Paper III/Hindi Paper III/ Tamil Paper III	4	4	3
	EC	U5URNM31/ U5ARNM31/ U5HDNM31/ U5TANM31	Non-Major	EC08	Basic Urdu-I/ Basic Arabic I/ Basic Hindi I/ அறிவியல் தமிழ் I	2	1	3
	EC	U5FEN301	English III	EC09	English Paper III	6	5	3
	CC	U5CC3001	Core	CC07	C++ & Data Structures	7	7	3
	CC	U5CCPR31	Core Practical	CC08	Practical III -Data Structures using C++ - Lab	2	1	3
	CC	U5CCAL31/ U5CCAL32	Allied II	CC09	Allied Physics I / Financial Accounting I	7	6	3
	AEC	U5CCAP31/ U5CCAP32	Allied Practical	AEC3	Allied Physics Practical I / Allied practical -Accounts Lab I	2	1	3
		TOTAL					30	25
CC- Core Course, EC- Elective Course, AEC- Ability Enhancement Course*Engaged by the Department of English								

Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
IV	EC	U5FUR401/ U5FAR401/ U5FHD401/ U5FTA401	Language IV	EC10	Urdu Paper IV /Arabic Paper IV / Hindi Paper IV/ Tamil Paper IV	4	4	3
	EC	U5URNM41/ U5ARNM41/ U5HDNM41/ U5TANM41	Non-Major	EC11	Basic Urdu-II/ Basic Arabic II/ Basic Hindi II/ அறிவியல் தமிழ் II	2	1	3
	EC	U5FEN401	English IV	EC12	English Paper IV	6	5	3
	CC	U5SW4001	Core	CC10	Programming in Java	7	7	3
	CC	U5SWPR41	Core Practical	CC11	Practical IV-Programming in Java Lab	2	1	3
	CC	U5SWAL41/ U5SWAL42	Allied II	CC12	Allied Physics II / Financial Accounting II	7	6	3
	AEC	U5SWAP41/ U5SWAP42	Allied Practical	AEC4	Allied Physics Practical II / Allied Practical Accounts Lab II	2	1	3
		TOTAL				30	25	-
V	CC	U5SW5001	Core	CC13	Design and Analysis of Algorithm	5	5	3
	CC	U5SW5002	Core	CC14	Microprocessor and its Applications	5	5	3
	CC	U5SW5003	Core	CC15	Computer Networks	5	5	3
	CC	U5SW5004	Core	CC16	Software Engineering	5	5	3
	CC	U5SWPR51	Core Practical	CC17	Microprocessor Lab	4	2	3
	CC	U5SWPR52	Core Practical	CC18	Computer Networks Lab	4	2	3
	AEC	U5SWSBP5	Skill Based Lab	AEC5	Mobile Application Development Lab	2	1	3
		TOTAL				30	25	-
VI	CC	U5SW6001	Core	CC19	Software Testing Techniques	5	5	3
	CC	U5SW6002	Core	CC20	Database Management System	5	5	3
	CC	U5SW6003	Core	CC21	Operating Systems	5	5	3
	CC	U5SW6004	Core	CC22	Open Source Programming	5	5	3
	CC	U5SWPR61	Core Practical	CC23	Data Management System Lab	4	2	3
	CC	U5SWPR62	Core Practical	CC24	Unix & Operating System Lab	4	2	3
	AEC	U5SWSBP6	Skill Based Practical	AEC6	Open Source Programming Lab	2	1	3
		TOTAL				30	25	-
		GRAND TOTAL				180	150	

B.C.A								
Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
I	EC	U5FUR101/ U5FAR101/ U5FHD101/ U5FTA101	Language I	EC01	Urdu Paper I/Arabic Paper I/Hindi Paper I/ Tamil Paper I	6	5	3
	EC	U5FEN101	English I	EC02	English Paper I	4	4	3
	AEC	U5ENV101	ENV Studies*	AEC1	Environmental Studies	2	1	3
	CC	U5CC1001	Core	CC01	Digital Logic Fundamentals	7	7	3
	CC	U5CCPR11	Core Practical	CC02	Practical I-Office Software Lab	2	1	3
	EC	U5CCAL11	Allied I	EC03	Allied-Mathematical Foundations I	7	6	3
	EC	U5CCAP11	Allied Practical	EC04	Allied Practical-Problem Solving Techniques I	2	1	3
		TOTAL					30	25
II	EC	U5FUR201/ U5FAR201/ U5FHD201/ U5FTA201	Language II	EC05	Urdu Paper II/Arabic Paper II/Hindi Paper II/ Tamil Paper II	6	5	3
	EC	U5FEN201	English II	EC06	English Paper II	4	4	3
	AEC	U5VED201	Value EDU*	AEC2	Value Education	2	1	3
	CC	U5CC2001	Core	CC03	Programming in C	7	7	3
	CC	U5CCPR21	Core Practical	CC04	Practical II- Programming in C Lab.	2	1	3
	EC	U5CCAL21	Allied I	EC07	Allied-Mathematical Foundations II	7	6	3
	EC	U5CCAP21	Allied Practical	EC08	Allied Practical-Problem Solving Techniques II	2	1	3
		TOTAL					30	25
III	CC	U5CC3001	Core	CC05	C++ & Data Structures	5	5	3
	CC	U5CCPR31	Core Practical	CC06	Practical III-Data Structures using C++ - Lab	4	3	3
	EC	U5CCAL32	Allied II	EC09	Allied Financial Accounting I	5	4	3
	EC	U5CCAP32	Allied Practical	EC10	Allied Practical- Accounts Lab I	4	3	3
	CC	U5BC3002	Core	CC07	Enterprise Resource Planning	4	4	3
	CC	U5BC3003	Core	CC08	Computer Organization & Architecture	4	4	3
	AEC	U5BCSBP3	Skill Based Practical	AEC3	Practical IV -Internet Lab	4	2	3
		TOTAL					30	25
CC- Core Course, EC- Elective Course, AEC- Ability Enhancement Course*Engaged by the Department of English								

Sem	Part	Course Code	Course	Course No	Course Title	Hrs./Week	Credit	Exam. Hrs
IV	CC	U5BC4002	Core	CC09	E-Commerce	5	5	3
	CC	U5BC4003	Core	CC10	Problem Solving and Algorithms	4	3	3
	AEC	U5BCSBP4	Allied II	AEC4	Practical VI-Problem Solving and Algorithms Lab	5	4	3
	EC	U5BC4001	Allied Practical	EC12	Programming in Java	4	3	3
	CC	U5BCPR41	Core Practical	CC11	Practical V -Programming in Java Lab	4	4	3
	CC	U5BCAL42	Allied II	CC12	Allied Financial Accounting II	4	4	3
	EC	U5BCAP42	Allied Practical	EC11	Allied Practical-Accounts Lab II	4	2	3
		TOTAL				30	25	-
V	CC	U5BC5001	Core	CC13	Design and Analysis of Algorithm	5	5	3
	CC	U5BC5002	Core	CC14	Microprocessor and its Applications	5	5	3
	CC	U5BC5003	Core	CC15	Computer Networks	5	5	3
	CC	U5BC5004	Core	CC16	Software Engineering	5	5	3
	CC	U5BCPR51	Core Practical	CC17	Microprocessor Lab	4	2	3
	CC	U5BCPR52	Core Practical	CC18	Computer Networks Lab	4	2	3
	AEC	U5BCSBP5	Skill Based Lab	AEC5	Mobile Application Development Lab	2	1	3
		TOTAL				30	25	-
VI	CC	U5BC6001	Core	CC19	Computer Graphics and Multimedia	5	5	3
	CC	U5BC6002	Core	CC20	Database Management System	5	5	3
	CC	U5BC6003	Core	CC21	Operating Systems	5	5	3
	CC	U5BC6004	Core	CC22	Open Source Programming	5	5	3
	CC	U5BCPR61	Core Practical	CC23	Data Management System Lab	4	2	3
	CC	U5BCPR62	Core Practical	CC24	Unix & Operating System Lab	4	2	3
	AEC	U5BCSBP6	Skill Based Lab	AEC6	Open Source Programming Lab	2	1	3
		TOTAL				30	25	-
		GRAND TOTAL				180	150	

**REGULATIONS  
POSTGRADUATE DEGREE COURSES  
(Admitted from 2016-2017)**

**CBCS**

Choice-Based Credit System is a Flexible System of learning. Credit defines the quantum of contents/ syllabi prescribed for a course and determine the number of hour of instruction required. The distinguishing features of CBCS are the following:

**It permits the students to:**

- Choose electives from a wide range of elective courses offered by various departments of the college
- Undergo additional courses and acquire more than the required number of credits
- Adopt an interdisciplinary approach in learning
- Make best use of the expertise of available faculty

**1. Eligibility for Admission**

A candidate is eligible for admission to a Master's degree programme, if he has successfully completed a three year undergraduate degree awarded by any University recognized by the UGC in the same subject except for the following:

**For M.A. History**

Any three year undergraduate degree holder is eligible

**For M.Sc. Biochemistry**

UG degree in Chemistry / Biochemistry / Zoology / Biotechnology are eligible

**For M.Sc. Biotechnology**

UG degree in Zoology / Biochemistry / Chemistry / Botany/ Biotechnology /

Microbiology are eligible

**For M.Sc. Computer Science**

UG degree in Computer Science / Software Computer Science / Computer Applications are eligible

**For M.Com.**

UG degree in Commerce / Corporate Secretaryship / Industrial Organization / Business Administration / B.Com. Computer Application / B.Com. Finance & Accounts / B.A. (Eco.) with two Account papers are eligible.

**For M.A. English Lit.**

Any three year UG Course with English language in Four semesters is eligible.



## **2. Cancellation of Admission**

The admission is at the candidate's risk and is provisional, subject to the approval of Thiruvalluvar University. If for any reason, the admission is not approved, the candidate shall not hold the College responsible for it. If selected, in the event of leaving the College after admission but any time before completing the course, fee for the residual period of the course should be paid by the candidate as per rules in force.

## **3. Eligibility for the Award of Degree**

A Candidate shall be eligible for the award of the Degree only if he has undergone the prescribed course of study in this College for a period of two academic years and passed the examinations of all the Four Semesters prescribed, earning 90 credits and fulfilled such conditions as have been prescribed therefore.

## **4. Duration**

The duration of the course shall consist of 4 Semesters in two academic years.

- a. Each academic year shall be divided into two semesters. The first academic year shall comprise the first and second semesters, the second academic year: the third semester and fourth semesters, respectively.
- b. The odd semesters shall consist of the period from June to November of each year and the even semesters from December to April of each year. There shall be at least 90 working days composed of 450 instructional hours for each semester.

## **5. Course of Study**

The main subject of study for Master's degree courses shall consist of Core, Electives and Human Rights.

## **6. Project Work**

It is considered as a special course involving application of knowledge in solving / analyzing / exploring real life situation / difficult problems. The new CBCS provides an opportunity for the postgraduate students to learn some research components at this level. The project work would be of 6 credits given in lieu of one discipline specific paper in the final semester.

The duration of the project work is 90 hours within the College campus included in the time-table. If the project work requires field work in the industry / data collection / national laboratories or any other reputed institute, the period for such work is assigned as two weeks. If the project work requires field work during the working days of the college, no separate hours to be earmarked in the final semester time table.

### **Evaluation of the Project Work**

Regarding the evaluation of the project work, the total mark is 100. It is divided into 75 marks for project evaluation and 25 marks for viva-voce examination. The marks for project work evaluation and viva-voce are to be awarded jointly by the internal examiner and the external examiner.

The external examiner is to be drawn from faculty from affiliating University Departments / any affiliated college offering the respective postgraduate programme within Vellore district.

### **7. Continuous Internal Assessment [CIA] Test**

The following assessment procedure will be followed for Internal Marks:

CIA Test I : Two hours duration for 75 marks  
CIA Test II : Three hours duration for 75 marks

#### **Marks Distribution**

#### **Theory & Practical**

CIA Tests marks to be converted to: **15 marks**

Assignment / Seminar / Observation **5 marks**

Attendance **5 marks**

**Total** -----  
**25 marks**  
-----

R. No	Name	Test I 75	Test II 75	Total 150	Marks converted to 15	Assignment/ Seminar 5	Attendance 5	Total for 25 (Rounded Off)

In the last column, any fraction may be rounded off to the next number.

The marks for Attendance component in the Continuous Internal Assessment should be calculated as follows:

<b>Attendance Earned</b>	<b>Category</b>	<b>Marks to be Awarded</b>
90 % and Above	Highly Regular	5
75% but below 90%	Regular	4
65% but below 75%	Shortage	3
50% but below 65%	Detained	2
Below 50 %	Redo	0

## **8. Requirements for proceeding to Subsequent Semesters**

- (i) Candidates shall register their names for the First Semester Examinations after the admission in the P.G. Courses.
- (ii) Candidates shall be permitted to proceed from the First Semester upto Final Semester irrespective of the number of arrears in any of the End Semester Examinations.
- (iii) Candidates shall be eligible to go to subsequent semesters as per the attendance rules prescribed by the Governing Body of Islamiah College from time to time.

## **9. Requirement to take the End Semester Examinations**

- a) A candidate will be permitted to take the University Examination for any Semester, if
  - he secures at least 75% of attendance out of the 90 instructional days / 450 instructional hours during the particular Semester.
  - he earns a progress Certificate from the Head of the Institution of having satisfactorily completed the Course of Study prescribed in the Subject as required by the Regulations, and
  - his conduct has been satisfactory.
- b) A candidate who has secured attendance less than 75% but 65% and above shall be permitted to take the Examination on the recommendation of the Head of the Department and approved by the Principal to condone the lack of attendance as well on the payment of the prescribed condonation fee to the College.

## 10. Passing Minimum

- There shall be no Passing Minimum for Internal Assessment.
- For End Semester Examinations, the minimum passing Letter Grade shall be **“P”** (Minimum 50 % of the maximum marks prescribed for the paper).
- In the aggregate (End Semester Examination + Internal) the minimum passing Letter Grade shall be **“P”** for each Paper / Practical / Project and Viva-voce.
- Final Grading shall be based on the overall Grade Points earned (Internal + External)

## 11. Grading System

The marks earned by a candidate in the Internal Assessment and End Semester Examinations for each of the courses will be added. The marks thus obtained will then be converted into Letter Grades and Grade points as per details given below:

Range of Marks	Letter Grade	Grade Points
96 – 100	O	10
86 – 95	A+	9
76 – 85	A	8
66 – 75	B+	7
55 – 65	B	6
50 – 54	C	5
00 – 49	F	0
Absent	Ab	0

## 12. Illustration of SGPA

Semester	Course	Credit	Grade Letter	Grade Point	Credit Point [Credit x Grade]
I	Course 1	5	A +	9	45
	Course 2	5	A	8	40
	Course 3	4	O	10	40
	Course 4	4	P	5	20
	Elective	4	B	6	24
	Total	22			169
II	Course 1	5	P	5	25
	Course 2	5	B+	7	35
	Course 3	4	O	10	40
	Course 4	4	A	8	32
	Elective	4	A+	9	36
	Human Rights (AEC)	-	-	-	-
	Total	22			168

Semester	Course	Credit	Grade Letter	Grade Point	Credit Point [Credit x Grade]
III	Course 1	5	A+	9	45
	Course 2	5	O	10	50
	Course 3	4	B	6	24
	Course 4	4	B	6	24
	Elective	4	P	5	20
	Total	22			163
IV	Course 1	5	O	10	50
	Course 2	5	A	8	40
	Course 3	4	A+	9	36
	Course 4 / Project Work	4	B+	7	28
	Elective	4	P	5	20
	Non Major Elective	2	O	10	20
	Total	24			194

For Example, the calculation of SGPA for the Four Semesters are calculated as follows:

$$SGPA\ I = \frac{169}{22} = 7.7$$

$$SGPA\ II = \frac{168}{22} = 7.6$$

$$SGPA\ III = \frac{163}{22} = 7.4$$

$$SGPA\ IV = \frac{194}{24} = 8.1$$

The CGPA for the PG degree is:

$$CGPA = \frac{169 + 168 + 163 + 194}{90} = \frac{694}{90} = 7.7$$

### 13. Classification of Successful Candidates

Successful candidates who passed all the specified courses in a programme are classified as follows:

Passed all the courses with CGPA 7.5 and Above : First Class with Distinction

Passed all the courses with CGPA 6 to 7.4 : First Class

Passed all the courses with CGPA 5.5 to 5.9 : High Second Class

Passed all the courses with CGPA 5 to 5.4 : Second Class

The total performance within a semester and continuous performance starting from the first semester are indicated respectively by Grade point Average (GPA) and Cumulative Grade point Average (CGPA). These two are calculated by the following formula.

$$GPA = \frac{\sum_i C_i G_i}{\sum_i C_i} = \frac{\text{Sum of the product of credits and grade points earned}}{\text{Sum of the credits of the courses in a Semester}}$$

$$CGPA = \frac{\sum_n \sum_i C_{ni} G_{ni}}{\sum_n \sum_i C_{ni}}$$

$$= \frac{\text{Sum of the product of the credits and grade points earned}}{\text{Sum of the credits for the entire programme}}$$

where  $C_i$  is the credit earned for the course  $i$  in any semester,  $G_i$  is the grade point obtained by the student for the course  $i$  and  $n$  is the number of courses passed in that semester.

CGPA is the GPA of all the courses starting from the first semester to the current semester.

#### **14. The Medium of Instruction and Examinations**

The medium of instruction and Question Paper shall be in English. The candidates having arrears in odd / even semester shall appear for such papers in the next End Semester Examinations.

#### **15. Submission of Record Notebooks for Practical Examinations**

Candidates taking the practical Examinations should submit Bonafide Record Note Books prescribed for the Practical Examinations. Otherwise the candidates will not be permitted to take the Practical Examinations. However, in genuine cases, where students could not submit the record notebooks may be permitted to take the Practical Examinations provided the Head of the Department and the Course Teacher concerned certifies that the candidate has performed the experiments prescribed for the course. For such candidates who do not submit Record Books, zero marks will be awarded for record notebooks in the Practical Examination concerned.

In case a candidate does not secure the prescribed passing minimum in the Practical Examination, the marks awarded for the Record Note Book at the time of first appearance for the Practical Examination should be made available by the Head of the Department concerned.

#### **16. Improvement of Marks in the courses already passed**

Candidates desirous of improving the marks secured in a passed course shall reappear in the immediate next End Semester Examination. The improvement in Letter Grade shall be considered for Classification / Distinction. If there is no improvement, there shall not be any change in the original Letter Grade already obtained. The fee for such appearances will be as decided by the Governing Body from time to time. Candidate will not be allowed to improve marks in the Practicals, Project, Viva-Voce and field works.

#### **17. Self Supportive Courses**

The above Regulations shall be applicable for candidates undergoing the respective self supportive courses also.

#### **18. Rank Holders**

The student who secures highest marks in aggregate of all the subjects in first attempt of the autonomous examinations will be the Rank Holder. This is applicable to all UG/PG/ M.Phil. programmes of our College. The Rank Holder will be awarded with a certificate and prize.

#### **19. Transitory Provision**

Candidates who have joined the programme from the academic year 2016-17 will be permitted to appear for the examinations under this Regulation for a maximum period of **FOUR** years. Thereafter, they will be permitted to appear for the examinations only under the new Regulations in force. The equivalent paper to be written will be decided by the Chairman of the respective BOS. Such candidates have to reregister for the course. The fee for such re-registration will be as decided by the Governing Body from time to time.

## 20. Question Paper Pattern

<u>Part A</u> :	To answer ALL the 5 questions (either or type) (One questions from each UNIT)	5 x 6 = 30 Marks
<u>Part B</u> :	To answer 3 questions (out of 5 questions) (One questions from each UNIT)	3 x15 =45 Marks
TOTAL		75 Marks



**COURSE STRUCTURE FOR PG PROGRAMMES  
(CBCS PATTERN)  
(For the Candidates admitted from the academic year 2016 – 2017)**

<b>M.A. ENGLISH</b>							
SEM	Course Code	Course	Course No	Course Title	Ins Hrs/ Week	Credit	Exam Hrs
I	P6EN1001	Core	Paper 1	Chaucer and Elizabethan Age	6	5	3
	P6EN1002	Core	Paper 2	The Neo Classical Age	6	5	3
	P6EN1003	Core	Paper 3	The Romantic and the Victorian Ages	6	4	3
	P6EN1004	Core	Paper 4	Twentieth Century	6	4	3
	P6ENE101/ P6ENE102	Core Based Elective	Elective Paper 1	(To choose 1 out of 2) 1.Creative Writing 2.English for Communication	6	4	3
II	P6EN2001	Core	Paper 5	English Language and Linguistics	5	5	3
	P6EN2002	Core	Paper 6	Indian Literature in English	6	5	3
	P6EN2003	Core	Paper 7	Shakespeare	6	4	3
	P6EN2004	Core	Paper 8	American Literature	5	4	3
	P6HR2001		Common Paper	Human Rights	2	-	3
	P6ENE201/ P6ENE202	Core Based Elective	Elective Paper 2	(To choose 1 out of 2) 1.New Literature in English 2.Business writing in English	6	4	3
III	P6EN3001	Core	Paper 9	Common Wealth Literature	6	5	3
	P6EN3002	Core	Paper 10	Literary Theory and Criticism I	6	5	3
	P6EN3003	Core	Paper 11	English Language Teaching	6	4	3
	P6EN3004	Core	Paper 12	Contemporary Literary Theories	6	4	3
	P6ENE301/ P6ENE302	Core Based Elective	Elective Paper 3	(To choose 1 out of 2) 1.Technical Writing 2.Research Methodology	6	4	3
IV	P6EN4001	Core	Paper 13	Literary Theory and Criticism II	5	5	3
	P6EN4002	Core	Paper 14	Soft Skills	5	5	3
	P6EN4003	Core	Paper 15	Journalism and Mass Communication	6	4	3
	P6EN4004	Core	Paper 16	Women's writing in English	5	4	3
	P6ENE401/ P6ENE402	Core Based Elective	Elective Paper 4	(To choose 1 out of 2) 1. Anatomy of Literature 2.Project	5	4	3
	P6ENNM41	Non Major	NM Paper	Computer Literacy in Teaching	4	2	3
<b>Total</b>					<b>120</b>	<b>90</b>	-

<b>M.A. HISTORY</b>							
SEM	Course Code	Course	Course No	Course Title	Ins Hrs/ Week	Credit	Exam Hrs
I	P6HI1001	Core	Paper 1	Social and Cultural History of India up to 1206 AD	6	5	3
	P6HI1002	Core	Paper 2	Social and Cultural History of Tamil Nadu up to 1565 AD	6	5	3
	P6HI1003	Core	Paper 3	History of Ancient Civilizations	6	4	3
	P6HI1004	Core	Paper 4	Islamic History from 500 to 750 AD	6	4	3
	P6HIE101/ P6HIE102	Core Based Elective	Elective Paper 1	(To choose 1 out of 2) 1. Travel Agency Management 2. Fundamentals of Defense and Strategic Studies	6	4	3
II	P6HI2001	Core	Paper 5	Social and Cultural History of India from 1206 to 1857 AD	5	5	3
	P6HI2002	Core	Paper 6	Social and Cultural History of Tamil Nadu from 1565 to 2000 AD	6	5	3
	P6HI2003	Core	Paper 7	History of Medieval Civilizations	6	4	3
	P6HI2004	Core	Paper 8	Islamic History from 750 to 1258 AD	5	4	3
	P6HR2001		Common Paper	Human Rights	2	-	3
	P6HIE201/ P6HIE202	Core Based Elective	Elective Paper 2	(To choose 1 out of 2) 1. Hotel Management 2. Fundamentals of National Security	6	4	3
III	P6HI3001	Core	Paper 9	Social and Cultural History of India from 1857 to 2010 AD	6	5	3
	P6HI3002	Core	Paper 10	History of Modern Civilizations	6	5	3
	P6HI3003	Core	Paper 11	Historiography	6	4	3
	P6HI3004	Core	Paper 12	History of the Ottoman Empire	6	4	3
	P6HIE301/ P6HIE302	Core Based Elective	Elective Paper 3	(To choose 1 out of 2) 1. Intellectual History of the 20 <sup>th</sup> Century India 2. Fundamentals of Indian Geography	6	4	3
IV	P6HI4001	Core	Paper 13	History of the USA from 1865 to 2010 AD	5	5	3
	P6HI4002	Core	Paper 14	History of China from 1900 to 2000 AD	5	5	3
	P6HI4003	Core	Paper 15	History of England from 1603 to 1901 AD	6	4	3
	P6HI4004	Core	Paper 16	History of West Asia from 1900 to 2000 AD	5	4	3
	P6HIE401/ P6HIE402	Core Based Elective	Elective Paper 4	(To choose 1 out of 2) 1. Growth of Panchayati Raj Institutions in India (with special reference to Tamil Nadu) 2. Fundamentals of Indian Economy	5	4	3
	P6HINM41	Non Major	NM Paper	Constitution of India	4	2	3
<b>Total</b>					<b>120</b>	<b>90</b>	-

<b>M.Com. COMMERCE</b>							
Sem	Course Code	Course	Course No	Course Title	Ins Hrs/ Week	Credit	Exam Hrs
I	P6CO1001	Core	Paper 1	Advanced Management Accounting	6	5	3
	P6CO1002	Core	Paper 2	Marketing Management	6	5	3
	P6CO1003	Core	Paper 3	Business Environment	6	4	3
	P6CO1004	Core	Paper 4	Advanced Business Statistics I	6	4	3
	P6COE101/ P6COE102	Core Based Elective	Elective Paper 1	(To choose 1 out of 2) 1. Business & Professional Communication 2. Corporate Laws	6	4	3
II	P6CO2001	Core	Paper 5	Advanced Financial Management	5	5	3
	P6CO2002	Core	Paper 6	Human Resource Management	6	5	3
	P6CO2003	Core	Paper 7	Financial Services	6	4	3
	P6CO2004	Core	Paper 8	Advanced Business Statistics II	5	4	3
	P6HR2001		Common Paper	Human Rights	2	-	3
	P6COE201/ P6COE202	Core Based Elective	Elective Paper 2	(To Choose 1 Out Of 2) 1. Consumer Behaviour 2. E-Commerce	6	4	3
III	P6CO3001	Core	Paper 9	Advanced Accounting I	6	5	3
	P6CO3002	Core	Paper 10	Advanced Cost Accounting I	6	5	3
	P6CO3003	Core	Paper 11	Organisational Behaviour	6	4	3
	P6CO3004	Core	Paper 12	Research Methodology	6	4	3
	P6COE301/ P6COE302	Core Based Elective	Elective Paper 3	(To Choose 1 Out Of 2) 1. Indirect Taxes 2. Managerial Economics	6	4	3
IV	P6CO4001	Core	Paper 13	Advanced Accounting II	5	5	3
	P6CO4002	Core	Paper 14	Advanced Cost Accounting II	5	5	3
	P6CO4003	Core	Paper 15	Direct Taxes	6	4	3
	P6CO4004	Core	Paper 16	Security Analysis	5	4	3
	P6COE401/ P6COE402	Core Based Elective	Elective Paper 4	(To Choose 1 Out Of 2) 1. Export Management 2. Entrepreneurial Development	5	4	3
	P6CONM41	Non Major	NM Paper	Computer Applications in Business	4	2	3
				<b>Total</b>	<b>120</b>	<b>90</b>	-

M.Sc. MATHEMATICS							
SEM	Course Code	Course	Course No	Course Title	Ins Hrs/ Week	Credit	Exam Hrs
I	P6MS1001	Core	Paper 1	Algebra I	6	5	3
	P6MS1002	Core	Paper 2	Real Analysis I	6	5	3
	P6MS1003	Core	Paper 3	Ordinary Differential Equations	6	4	3
	P6MS1004	Core	Paper 4	Mechanics	6	4	3
	P6MSE101/ P6MSE102	Core Based Elective	Elective Paper 1	(To choose 1 out of 2) 1. Resource Management Techniques 2. Graph Theory	6	4	3
II	P6MS2001	Core	Paper 5	Algebra II	5	5	3
	P6MS2002	Core	Paper 6	Real Analysis II	6	5	3
	P6MS2003	Core	Paper 7	Partial Differential Equations	6	4	3
	P6MS2004	Core	Paper 8	Advanced Numerical Analysis	5	4	3
	P6HR2001		Common Paper	Human Rights	2	-	3
	P6MSE201/ P6MSE202	Core Based Elective	Elective Paper 2	(To choose 1 out of 2) 1. Operations research/ 2. Algebraic Number Theory	6	4	3
III	P6MS3001	Core	Paper 9	Complex analysis I	6	5	3
	P6MS3002	Core	Paper 10	Topology	6	5	3
	P6MS3003	Core	Paper 11	Probability Theory	6	4	3
	P6MS3004	Core	Paper 12	Fluid Dynamics	6	4	3
	P6MSE301/ P6MSE302	Core Based Elective	Elective Paper 3	(To choose 1 out of 2) 1. Tensor Analysis and Relativity Theory 2. Fuzzy Sets and their Applications	6	4	3
IV	P6MS4001	Core	Paper 13	Complex analysis II	5	5	3
	P6MS4002	Core	Paper 14	Functional Analysis	5	5	3
	P6MS4003	Core	Paper 15	Mathematical Statistics	6	4	3
	P6MS4004	Core	Paper 16	Differential Geometry	5	4	3
	P6MSE401/ P6MSE402	Core Based Elective	Elective Paper 4	(To choose 1 out of 2) 1. Number Theory & Cryptography 2. Actuarial Mathematics	5	4	3
	P6MSNMP4	Non Major	NM Paper	Mathematical Software	4	2	3
				<b>Total</b>	<b>120</b>	<b>90</b>	-

M.Sc. PHYSICS							
SEM	Course Code	Course	Course No	Course Title	Ins Hrs/ Week	Credit	Exam Hrs
I	P6PY1001	Core	Paper 1	Mathematical Physics	6	5	3
	P6PY1002	Core	Paper 2	Classical Mechanics & Relativity	6	5	3
	P6PY1003	Core	Paper 3	Quantum Mechanics I	6	4	3
	P6PYPR11	Core Practical	Paper 4	Practical I General Physics Experiments-I	6	4	4
	P6PYE101/ P6PYE102	Core Based Elective	Elective Paper 1	(To choose 1 out of 2) 1. Electronic Devices and Applications 2. Computational Methods and Programming	6	4	3
II	P6PY2001	Core	Paper 5	Statistical Physics	5	5	3
	P6PY2002	Core	Paper 6	Electromagnetic Theory	6	5	3
	P6PY2003	Core	Paper 7	Quantum Mechanics II	6	4	3
	P6PYPR21	Core Practical	Paper 8	Practical II Electronics Experiments I	5	4	4
	P6HR2001		Common Paper	Human Rights	2	-	3
	P6PYE201/ P6PYE202	Core Based Elective	Elective Paper 2	(To choose 1 out of 2) 1. Advanced Spectroscopy 2. Astrophysics	6	4	3
III	P6PY3001	Core	Paper 9	Condensed Matter Physics-I	6	5	3
	P6PY3002	Core	Paper 10	Nuclear and Particle Physics	6	5	3
	P6PY3003	Core	Paper 11	Crystal Physics and Crystallography	6	4	3
	P6PYPR31	Core Practical	Paper 12	Practical III General Physics Experiments II	6	4	6
	P6PYE301/ P6PYE302	Core Based Elective	Elective Paper 3	(To choose 1 out of 2) 1. Fundamentals of Nano Materials 2. Embedded System	6	4	3
IV	P6PY4001	Core	Paper 13	Condensed Matter Physics-II	5	5	3
	P6PY4002	Core	Paper 14	Microprocessor and its Applications	5	5	3
	P6PYPR41	Core Practical	Paper 15	Practical IV Microprocessor and Computer Programming	6	4	6
	P6PYE401/ P6PYE402	Core Based Elective	Paper 16	(To choose 1 out of 2) 1. Synthesis and Characterization of Nano materials 2. Digital Communications	5	4	3
	P6PYNM41	Non Major	NM Paper	Bio-Medical Instrumentation	5	4	3
	P6PYPJ41	Project Core	Project Paper	Project With Viva-Voce	4	2	3
<b>Total</b>					<b>120</b>	<b>90</b>	-

M.Sc. CHEMISTRY							
SEM	Course Code	Course	Course No	Course Title	Ins Hrs/ Week	Credit	Exam Hrs
I	P6CH1001	Core	Paper 1	Inorganic Chemistry I	6	5	3
	P6CH1002	Core	Paper 2	Organic Chemistry I	6	5	3
	P6CH1003	Core	Paper 3	Physical Chemistry I	6	4	3
	P6CHPR11	Core Practical	Paper 4	Practical I Organic Practical I	6	4	6
	P6CHEP11/ P6CHEP12	Core Based Elective	Elective Paper 1	(To Choose 1 out of 2) 1. Practical II- Colorimetry 2. Practical III- Kinetic Studies	6	4	6
II	P6CH2001	Core	Paper 5	Inorganic Chemistry II	5	5	3
	P6CH2002	Core	Paper 6	Organic Chemistry II	6	5	3
	P6CH2003	Core	Paper 7	Physical Chemistry II	6	4	3
	P6CHPR21	Core Practical	Paper 8	Practical IV Physical Practical I	5	4	6
	P6HR2001		Common Paper	Human Rights	2	-	3
	P6CHEP21/ P6CHEP22	Core Based Elective	Elective Paper 2	(To Choose 1 out of 2) 1. Practical V-Organic Mixture Analysis 2. Practical VI Inorganic Semi-Micro Qualitative Analysis	6	4	6
III	P6CH3001	Core	Paper 9	Inorganic Chemistry III	6	5	3
	P6CH3002	Core	Paper 10	Organic Chemistry III	6	5	3
	P6CH3003	Core	Paper 11	Physical Chemistry III	6	4	3
	P6CHPR31	Core Practical	Paper 12	Practical VII Inorganic Practical I	6	4	6
	P6CHEP31/ P6CHEP32	Core Based Elective	Elective Paper 3	(To choose 1 out of 2) 1. Practical VIII Conductometric Titration and Organic Estimations 2. Practical IX Industrial Chemistry Practicals	6	4	6
IV	P6CH4001	Core	Paper 13	Inorganic Chemistry IV	5	5	3
	P6CH4002	Core	Paper 14	Organic Chemistry IV	5	5	3
	P6CH4003	Core	Paper 15	Physical Chemistry IV	6	4	3
	P6CHPR41	Core Practical	Paper 16	Practical X Organic Chemistry Practical II	5	4	6
	P6CHEP41/ P6CHEP42	Core Based Elective Practical	Elective Paper 4	(To choose 1 out of 2) 1. Practical XI Estimation of Metal ions & Spectral Interpretations 2. Practical XII Preparation of domestic products.	5	4	6
	P6CHNMP4	Non Major Practical	NM Paper	Practical XIII Potentiometry and Spectral Interpretation	4	2	6
				<b>Total</b>	<b>120</b>	<b>90</b>	-

M.Sc. BIOCHEMISTRY							
SEM	Course Code	Course	Course No	Course Title	Ins Hrs/ Week	Credit	Exam Hrs
I	P6BI1001	Core	Paper 1	Biomolecules	6	5	3
	P6BI1002	Core	Paper 2	Enzymes	6	5	3
	P6BIPR11	Core Practical	Paper 3	Practical I- Isolation and estimation of Biomolecules	6	4	6
	P6BIPR12	Core Practical	Paper 4	Practical II- Enzyme Assays	6	4	6
	P6BIE101/ P6BIE102	Core Based Elective	Elective Paper 1	(To choose 1 out of 2) 1. Cell Biology 2. Animal Cell Science and Technology	6	4	3
II	P6BI2001	Core	Paper 5	Analytical Techniques	5	5	3
	P6BI2002	Core	Paper 6	Bioenergetics and Intermediary metabolism	6	5	3
	P6BIPR21	Core Practical	Paper 7	Practical III- Biochemical Analysis of Blood	6	4	6
	P6BIPR22	Core Practical	Paper 8	Practical IV- Hematology and Serology	5	4	6
	P6HR2001		Common Paper	Human Rights	2	-	3
	P6BIE201/ P6BIE202	Core Based Elective	Elective Paper 2	(To choose 1 out of 2) 1. Cell Signaling and Communication 2. Nano biochemistry	6	4	3
III	P6BI3001	Core	Paper 9	Molecular Endocrinology	6	5	3
	P6BI3002	Core	Paper 10	Clinical Biochemistry	6	5	3
	P6BIPR31	Core Practical	Paper 11	Practical V- Analysis of Urine	6	4	6
	P6BIPR32	Core Practical	Paper 12	Practical VI- Clinical Enzymology	6	4	6
	P6BIE301/ P6BIE302	Core Based Elective	Elective Paper 3	(To choose 1 out of 2) 1. Ecology and Evolution and Biodiversity 2. Pharmacology and Toxicology	6	4	3
IV	P6BI4001	Core	Paper 13	Genetics and Molecular Biology	5	5	3
	P6BI4002	Core	Paper 14	Immunology and Immunotechnology	5	5	3
	P6BIPR41	Core Practical	Paper 15	Practical VII- Molecular Biology	6	4	6
	P6BIPJ41	Core Project	Paper 16	Project with Viva	5	4	6
	P6BIE401/ P6BIE402	Core Based Elective	Elective Paper 4	(To choose 1 out of 2) 1. Biotechnology 2. Biostatistics and Bioinformatics	5	4	3
	P6BINM41	Non Major	NM Paper	Human Physiology	4	2	3
<b>Total</b>					<b>120</b>	<b>90</b>	<b>-</b>

<b>M.Sc. BIOTECHNOLOGY</b>							
SEM	Course Code	Course	Course No	Course Title	Ins Hrs/ Week	Credit	Exam Hrs
I	P6BT1001	Core	Paper 1	Advanced Biochemistry	6	5	3
	P6BT1002	Core	Paper 2	Cell and Molecular Biology	6	5	3
	P6BT1011	Core Practical	Paper 3	Practical I - Advanced Biochemistry	6	4	4
	P6BT1012	Core Practical	Paper 4	Practical II- Cell and Molecular Biology	6	4	4
	P6BTE101/ P6BTE102	Core Based Elective	Elective Paper 1	(To choose 1 out of 2) 1. Bioprospecting Technology 2. Bioinstrumentation	6	4	3
II	P6BT2001	Core	Paper 5	Plant and Animal Biotechnology	5	5	3
	P6BT2002	Core	Paper 6	Microbiology and Microbial Biotechnology	6	5	3
	P6BT2021	Core Practical	Paper 7	Practical III -Plant and Animal Biotechnology	6	4	4
	P6BT2022	Core Practical	Paper 8	Practical IV- Microbiology and Microbial Biotechnology	6	4	4
	P6HR2001		Common Paper	Human Rights	2	-	3
	P6BTE201/ P6BTE202	Core Based Elective	Elective Paper 2	(To choose 1 out of 2) 1. Molecular Genetics 2. Herbal Biotechnology	5	4	3
III	P6BT3001	Core	Paper 9	Immunotechnology	6	5	3
	P6BT3002	Core	Paper 10	Recombinant DNA Technology	6	5	3
	P6BT3031	Core Practical	Paper 11	Practical V Immunotechnology	6	4	4
	P6BT3032	Core Practical	Paper 12	Practical VI- Recombinant DNA Technology	6	4	4
	P6BTE301/ P6BTE302	Core Based Elective	Elective Paper 3	(To choose 1 out of 2) 1. Biophysics, Biostatistics, & Bioinformatics 2. Enzymes & Fermentation Technology	6	4	3
IV	P6BT4001	Core	Paper 13	Environmental Biotechnology	5	5	3
	P6BT4002	Core	Paper 14	Research Methodology	5	5	3
	P6BT4041	Core Practical	Paper 15	Practical VII- Environmental Biotechnology	6	4	4
	P6BTE401/ P6BTE402	Core	Elective Paper 4	(To choose 1 out of 2) 1. Medical Biotechnology 2. Aquaculture Biotechnology	5	4	3
	P6BTPJ41	Core Based Elective	Paper 16	Project with Viva	5	4	3
	P6BTNM41	Non Major	NM Paper	Industrial Biotechnology	4	2	3
<b>Total</b>					<b>120</b>	<b>90</b>	<b>-</b>



<b>M.Sc. COMPUTER SCIENCE</b>							
SEM	Course Code	Course	Course No	Course Title	Ins Hrs/ Week	Credit	Exam Hrs
I	P6CS1001	Core	Paper 1	Advanced Java Programming	6	5	3
	P6CS1002	Core	Paper 2	Advanced Software Engineering	6	5	3
	P6CSPR11	Core Practical	Paper 3	Practical I Advanced Java Programming Lab	6	4	3
	P6CSPR12	Core	Paper 4	Practical II Network Programming Lab	6	4	6
	P6CSE101/ P6CSE102	Core Based Elective	Elective Paper 1	(To choose 1 out of 2) 1.Theory of Computation 2. Principles of Programming Languages.	6	4	6
II	P6CS2001	Core	Paper 5	Design and Analysis of Algorithms	5	5	3
	P6CS2002	Core	Paper 6	Mobile Computing	6	5	3
	P6CSPR21	Core Practical	Paper 7	Practical III Open Source Programming Lab	6	4	3
	P6CSPR22	Core Practical	Paper 8	Practical IV Mobile Application Development Lab	5	4	6
	P6HR2001		Common Paper	Human Rights	2	-	3
	P6CSE201/ P6CSE202	Core Based Elective	Elective Paper 2	(To choose 1 out of 2) 1. Fuzzy and Neural Networks 2. Data Mining	6	4	3
III	P6CS3001	Core	Paper 9	Digital Image Processing	6	5	3
	P6CS3002	Core	Paper 10	Information and Network Security	6	5	3
	P6CSPR31	Core Practical	Paper 11	Digital Image Processing Lab	6	4	3
	P6CS3003	Core	Paper 12	Advanced Computer Architecture	6	4	3
	P6CSE301/ P6CSE302	Core Based Elective	Elective Paper 3	(To choose 1 out of 2) 1.Business Intelligence and Data Mining 2.Wireless Networks	6	4	3
IV	P6CS4001	Core	Paper 13	Cloud Computing	6	5	3
	P6CS4002	Core	Paper 14	Principles of Compiler Design	5	5	3
	P6CSPR41	Core Practical	Paper 15	Compiler Design Lab	5	4	3
	P6CSPJ41	Core	Elective Paper 4	Project with Viva	4	4	3
	P6CSE401/ P6CSE402	Core Based Elective	Paper 16	(To choose 1 out of 2) 1.Human Computer Interaction 2. Web Publishing	5	4	3
	P6CSNM41	Non Major	NM Paper	Embedded Systems	5	2	3
<b>Total</b>					<b>120</b>	<b>90</b>	<b>-</b>

**REGULATIONS**  
**M.PHIL. DEGREE COURSES**  
**(Admitted from 2016 – 2017)**

**Preamble**

Eminent scholars are of the unanimous opinion that there is an urgent need to improve the standards of research carried out in the institutions of higher learning in India. Therefore, there is an urgent need for improving the standards of research by restructuring the research course curriculum. To avoid any element of duplication and subjective evaluation and such other problems, some radical changes have to be brought about in research, leading to the award of the degrees of Master of Philosophy.

**CBCS**

Choice-Based Credit System is a Flexible System of learning. Credit defines the quantum of contents / syllabi prescribed for a course and determine the number of hours of instructions required. It permits the students to:

- Choose electives from a wide range of elective courses offered by various departments of the College.
- Adopt an interdisciplinary approach in learning.
- Make best use of the expertise of available faculty.

**1. Eligibility for admission**

For securing admission to the M.Phil. programme, candidates must have secured 55% of marks in the respective PG Degree programme or any equivalent programme in the case of inter-disciplinary subjects. However, the minimum marks for the SC/ST/differently-abled candidates would be 50%. For the part-time candidates, who have completed their PG Degree on or before 19<sup>th</sup> September 1991, the minimum eligible marks for admission to M.Phil would be 50%. Teacher candidates working in universities / affiliated colleges / polytechnics / schools seeking admission to M.Phil. degree programme under Part Time basis should obtain NO OBJECTION CERTIFICATE, countersigned by the Director / Joint Director of Collegiate / School Education. Such candidates should have a minimum of TWO years of Teaching

Experience and produce the Service Certificate issued by the concerned Chief Educational Officer / Authorized authorities at the time of admission.

## **2. Entrance test and interview for admission**

An entrance examination and interview would be conducted for all the registered applicants (full-time and part-time). The performance in entrance examination and interview would be taken into account along with the marks secured in the PG programme. The entrance examination for admission shall be conducted by the College / Department.

The selection criteria is based on the following:

Marks Secured in PG Degree (Max of 100 Marks)	50% of Marks secured in PG Degree (Max 50 Marks) A	Marks in Written Entrance Examination (Max 40 Marks) B	Marks in Interview / Oral Test (Max 10 Marks) C	Total Marks Secured (Max 100 Marks)  A+B+C

For admission to the M.Phil. programme, the candidates who have already qualified themselves in CSIR/ NET / JRF / SLET / SET are exempted from appearing in the Entrance Written Examination. However, the above exempted candidates have to appear for an interview before the selection Committee which will assess their aptitude for research. The syllabus for the entrance examination shall consist of 50% research methodology and 50% shall be subject specific.

## **3. Selection Committee**

The selection committee would include the HOD and Research Guides of the department concerned.

#### **4. Duration of the Course:**

The duration for completion of M.Phil. (Full-time) programme in any discipline is two semesters and the maximum period is 2 years. For M.Phil. (Part-time), the duration is two years and the maximum period is 3 years. If a candidate fails to complete the course within the stipulated period, the candidate has to re-register for the course as per the Thiruvalluvar University regulations in force at that time. The M.Phil. Degree is awarded, if a student has registered, undergone and secured the required minimum number of credits for the core and elective subjects including Dissertation specified in the corresponding programme within the stipulated time; Secured the required attendance; No dues to the College, Laboratory, Hostel and Library; are the other conditions applicable for the issue of course completion and transfer certificates.

#### **5. Structure of the Programme**

The M.Phil. Programme consists of (a) Core courses which are mandatory for all students (b) Elective course related to the Research Area / work.

- i. **CORE COURSES** – Two papers (Paper I and II) carrying 5 credits each
- ii. **ELECTIVE COURSE** – One paper (Paper III) carrying 5 credits (related to the Research Area)
- iii. **DISSERTATION** – 20 Credits (relevant to the Elective Course)

The total number of credits for core and electives shall be 15 consists of 2 Core courses (10 credits) plus one elective (5 Credits).

#### **6. Examination of Theory Papers**

For full time scholars, theory examination will be conducted at the end of every semester. For part-time scholars, theory examination will be conducted at the end of first year and submission of dissertation will be at the end of second year.

#### **7. Research Topic**

The research topic for the dissertation has to be finalized at the beginning of the M.Phil. Full Time Programme, so that the collection of relevant literature and research design shall be completed in the first semester leaving the entire second Semester for the research work. For M.Phil. Part Time Programme, the collection of

relevant literature and research design could be completed in the first year leaving the entire second year for the research work and preparation of dissertation. The candidates should register for M.Phil. course with Thiruvalluvar University in the first semester itself by using a separate registration form to be obtained from the Thiruvalluvar University soon after admission. The academic year for the M.Phil. programme starts from August to July every year.

## **8. Minimum Requirement for Submission of Dissertation**

For submission of dissertation, M.Phil. (both Full Time and Part Time) scholars should have cleared all the three written examination papers and present their respective research work before the Departmental Research Committee for approval. A research scholar shall appear before the Research Advisory Committee once in six months to make a presentation of the progress of his work for evaluation and further guidance.

The six monthly progress reports shall be submitted by the Research Advisory Committee to the Head of the Department concerned with a copy to the research scholar. Prior to the submission of the dissertation/thesis, the scholar shall make a presentation in the Department before the Research Advisory Committee of the Institution concerned which shall also be open to all faculty members and other research scholars. The feedback and comments obtained from them may be suitably incorporated into the draft dissertation/thesis in consultation with the Research Advisory Committee. M.Phil. scholars shall publish one research article in referred journal or present at least one (1) research paper in a conference/seminar proceedings/college research journal, before the submission of the dissertation/thesis for adjudication and produce evidence for the same in the form of presentation certificates and/or reprints.

The last date for submission of Dissertation shall be 31<sup>st</sup> August of every year. Those who do not submit the dissertation in time may be given an extension of a maximum of one month with a late fee prescribed by the governing body from time to time (i.e. up to 30<sup>th</sup> September). Any student failing to submit the dissertation within this period will be permitted to submit the dissertation only in the next academic year along with the subsequent batch of students.

For the change of M.Phil. dissertation title, if needed, a separate application should be submitted at least 15 days in advance prior to the last date for regular submission of dissertation with prescribed fee.

## **9. Evaluation**

The process of evaluation, examination, etc. for the M.Phil. programme shall be as per the UGC's regulations, 2016 which is as follows:

A M.Phil. scholar has to obtain a minimum of 55% of marks (or an equivalent grade/CGPA in a point scale wherever grading system is followed) in the course work in order to be eligible to continue in the programme and submit the dissertation/thesis.

However, final semester students of the M.Phil. are permitted to appear in any arrear paper during the subsequent examinations. Regarding the evaluation of the M.Phil. dissertation the total mark is 200. It is divided into 150 marks for dissertation evaluation and 50 marks for viva-voce examination. The earmarked mark for dissertation has to be divided equally between the internal examiner (guide) and the external examiner (75 marks each). Viva-voce examination has to be conducted by both internal and external examiners jointly.

The Core papers (Paper I and II) will be evaluated by the External Examiners who are approved research guides of the central / state universities.

The dissertation shall be jointly evaluated by the supervisor and the external examiner. The external examiner is to be drawn from the affiliating University department or any affiliated college offering M.Phil. degree course in the respective discipline in the Thiruvalluvar University area. However the examiner should not be from the same college.

The distribution of marks shall be as under:

- 75% marks for the Dissertation - Valuation
- 25% marks for Viva-voce

## **10. Other Regulations of M.Phil. Programme**

The rules and regulations concerning course registration, grading system, attendance and discipline of students of M.Phil Full Time Programme shall be the same as for the Master's Programme. For M.Phil Part Time Programme, the research scholar should attend the course as per the Thiruvalluvar University regulations.

## 11. Grading System

The marks earned by a candidate in the Internal Assessment and End Semester Examinations for each of the courses will be added. The marks thus obtained will then be converted into Letter Grades and Grade points as per details given below:

Range of Marks	Letter Grade	Grade Points
96 – 100	O	10
86 – 95	A+	9
76 – 85	A	8
66 – 75	B+	7
55 – 65	B	6
00 – 54	F	0
Absent	Ab	0

## 12. Illustration of SGPA

Semester	Course	Credit	Grade Letter	Grade Point	Credit Point [Credit x Grade]
I	Course 1	5	A +	9	45
	Course 2	5	A	8	40
	Course 3	5	O	10	50
	Total	15			135
II	Dissertation	20	B +	7	140

$$SGPA = \frac{135}{15} = 9$$

$$CGPA = \frac{135 + 140}{35} = \frac{275}{35} = 7.8$$

## 13. Classification of Successful Candidates

Passed in First Attempt with CGPA of 7.5 and above - First Class with Distinction

Passed all the courses with CGPA of 6-7.4 - First Class

Passed all the courses with CGPA of 5.5-5.9 - Second Class

#### 14. The Medium of Instruction and Examinations

The medium of instruction and Question Paper shall be in English.

#### 15. Self Supportive Courses

The above Regulations shall be applicable for candidates undergoing the respective self supportive courses also.

#### 16. Rank Holders

The student who secure highest marks in aggregate of all the subjects in first attempt of the autonomous examinations will be the Rank Holder. This is applicable to all UG/PG/ Courses and M.Phil programme of our College. The Rank Holder will be awarded with a certificate and prize.

#### 17. Transitory Provision

Candidates who have joined the programme from the academic year 2016-17 will be permitted to appear for the examinations under this Regulation for a maximum period of **TWO** years for Full-Time (FT) and **THREE** years for Part-Time (PT) candidates. Thereafter, they will be permitted to appear for the examinations only under the new Regulations in force. Such candidates have to reregister for the course. The fee for such re-registration will be as decided by the Governing Body from time to time.

#### 18. Question Paper Pattern

<b><u>Part A:</u></b>	To answer ALL the 5 Questions (Either or Type)  One Questions from each UNIT	$5 \times 6 = 30$ Marks
<b><u>Part B:</u></b>	To answer 3 Questions (out of 5 questions)  One Questions from each UNIT	$3 \times 15 = 45$ Marks
<b>TOTAL</b>		75 Marks



**19. General: (Applicable to ALL programmes)**

Any other guidelines required for the above said programmes, the Department / Candidate has to follow the Thiruvalluvar University regulations in force at that time or sought clarification from the Principal.

However any issue may be given suitable relaxation/ modification by the Principal on the recommendation of the Board of Studies / Board of Research / RDC / CDC based on the merit of the individual case, if it is justified with relevant documents.

## COURSE STRUCTURE FOR M.Phil PROGRAMME

M. Phil. MATHEMATICS									
SEM	COURSE CODE	COURSE	COURSE TITLE	INS HRS/ WEEK	CREDIT	EXAM HRS	MAX MARKS		
							IA	EXAM	TOTAL
I	MPH5MS01	CORE I	Algebra and Analysis	6	5	3	25	75	100
	MPH5MS02	CORE II	Topology and differential Equations	6	5	3	25	75	100
	MPH5MS03	ELECTIVE	Paper on Individual Research Area	4	5	3	25	75	100
II	MPH5BT04	CORE	Dissertation	-	20	-	-	150	150
			Viva-Voce	-	-	-	-	50	50
TOTAL				-	35	-	75	425	500

M. Phil. PHYSICS									
SEM	COURSE CODE	COURSE	COURSE TITLE	INS HRS/ WEEK	CREDIT	EXAM HRS	MAX MARKS		
							IA	EXAM	TOTAL
I	MPH5PY01	CORE I	Research Methodology	6	5	3	25	75	100
	MPH5PY02	CORE II	Advanced Physics	6	5	3	25	75	100
	MPH5PY03	ELECTIVE	Paper on Individual Research Area	4	5	3	25	75	100
II	MPH5PY04	CORE	Dissertation	-	20	-	-	150	150
			Viva-Voce	-	-	-	-	50	50
TOTAL				-	35	-	75	425	500

M. Phil. CHEMISTRY									
SEM	COURSE CODE	COURSE	COURSE TITLE	INS HRS/ WEEK	CREDIT	EXAM HRS	MAX MARKS		
							IA	EXAM	TOTAL
I	MPH5CH01	CORE I	Research Methodology	6	5	3	25	75	100
	MPH5CH02	CORE II	Advanced Chemical Analysis	6	5	3	25	75	100
	MPH5CH03	ELECTIVE	Paper on Individual Research Area	4	5	3	25	75	100
II	MPH5CH04	CORE	Dissertation	-	20	-	-	150	150
			Viva-Voce	-	-	-	-	50	50
TOTAL				-	35	-	75	425	500

M. Phil. BIOCHEMISTRY									
SEM	COURSE CODE	COURSE	COURSE TITLE	INS HRS/ WEEK	CREDIT	EXAM HRS	MAX MARKS		
							IA	EXAM	TOTAL
I	MPH5BI01	CORE I	Research Methodology	6	5	3	25	75	100
	MPH5BI02	CORE II	Analytical Methods	6	5	3	25	75	100
	MPH5BI03	ELECTIVE	Paper on Individual Research Area	4	5	3	25	75	100
II	MPH5BI04	CORE	Dissertation	-	20	-	-	150	150
			Viva-Voce	-	-	-	-	50	50
TOTAL				-	35	-	75	425	400

M. Phil. BIOTECHNOLOGY									
SEM	COURSE CODE	COURSE	COURSE TITLE	INS HRS/ WEEK	CREDIT	EXAM HRS	MAX MARKS		
							IA	EXAM	TOTAL
I	MPH5BT01	CORE I	Research Methodology	6	5	3	25	75	100
	MPH5BT02	CORE II	Advanced Biotechnology	6	5	3	25	75	100
	MPH5BT03	ELECTIVE	Paper on Individual Research Area	4	5	3	25	75	100
II	MPH5BT04	CORE	Dissertation	-	20	-	-	150	150
			Viva-Voce	-	-	-	-	50	50
TOTAL				-	35	-	75	425	500

M. Phil. COMPUTER SCIENCE									
SEM	COURSE CODE	COURSE	COURSE TITLE	INS HRS/ WEEK	CREDIT	EXAM HRS	MAX MARKS		
							IA	EXAM	TOTAL
I	MPH5CS01	CORE I	Research Methodology	6	5	3	25	75	100
	MPH5CS02	CORE II	Computer Graphics and Image Processing	6	5	3	25	75	100
	MPH5CS03	ELECTIVE	Paper on Individual Research Area	4	5	3	25	75	100
II	MPH5CS04	CORE	Dissertation	-	20	-	-	150	150
			Viva-Voce	-	-	-	-	50	50
TOTAL				-	35	-	75	425	500

M. Phil. HISTROY									
SEM	COURSE CODE	COURSE	COURSE TITLE	INS HRS/ WEEK	CREDIT	EXAM HRS	MAX MARKS		
							IA	EXAM	TOTAL
I	MPH5BT01	CORE I	Research Methodology	6	5	3	25	75	100
	MPH5BT02	CORE II	Historiography	6	5	3	25	75	100
	MPH5BT03	ELECTIVE	Paper on Individual Research Area	4	5	3	25	75	100
II	MPH5BT04	CORE	Dissertation	-	20	-	-	150	150
			Viva-Voce	-	-	-	-	50	50
TOTAL				-	35	-	75	425	500

M. Phil. COMMERCE									
SEM	COURSE CODE	COURSE	COURSE TITLE	INS HRS/ WEEK	CREDIT	EXAM HRS	MAX MARKS		
							IA	EXAM	TOTAL
I	MPH5CO01	CORE I	Research Methodology	6	5	3	25	75	100
	MPH5CO02	CORE II	Advanced Financial Management	6	5	3	25	75	100
	MPH5CO03	ELECTIVE	Paper on Individual Research Area	4	5	3	25	75	100
II	MPH5CO04	CORE	Dissertation	-	20	-	-	150	150
			Viva-Voce	-	-	-	-	50	50
TOTAL				-	35	-	75	425	500

**REGULATION**  
**CERTIFICATE/DIPLOMA COURSES**  
 (With effect from the academic year 2016-17 and 2017-2018)

**1. Eligibility for Admission**

A candidate who has passed higher secondary examination and joined in any degree course in this College is eligible to undergo Certificate Programmes.

**2. Duration of the Course**

The certificate course is for a period of one to three months. The course subject and practicals will be conducted beyond the working hours of the College.

**3. Course of Study**

This Programme is envisaged to provide flexibility in choosing the combination of subjects without any limitation, identifying the local need based subjects, entering job market with gained skills in the respective discipline. The course of study consists of theory papers, Practical/Project/field work

**4. Scheme of Examination**

Course Code	Course Title	Duration of the Course	Exam.	Credits	Marks
BTCT01		1 MONTH	3 Hrs	1	100
ENCT01 TACT01 PYCT01 PYCT02 CHCT01 CHCT02 BICT01		3 MONTHS	3 Hrs	3	100
TADM01		6 MONTHS	3 Hrs	6	100

**Requirements to take the Examination:**

A candidate shall be permitted to take examination provided he secures 75% attendance in both theory and practical classes and must successfully complete the project work as prescribed

## 5. Practical/Project

Practical classes shall be designed in such a manner that a student acquires practical knowledge in handling, managing and practicing the tools, materials and equipment relating to the certificate courses. Project work will consist of an assignment in the subject area. Topics will be selected by the student and approved by programme coordinator.

## 6. Medium of Instruction

The medium of instruction and examination shall be English only.

## 7. Passing Minimum

A candidate shall be declared to have passed the paper, if he obtains a minimum of 40% of 100 marks (Theory + Practical/Projects).

Course	Maximum Marks
Theory	75
Practical/Project	25
Total	100

## 8. Question Paper Pattern:

Question paper pattern for the course shall be as follows:

- **Section – A** 10 Questions without choice of 2 marks each ( $10 \times 2 = 20$ )
- **Section – B** 5 out of 8 questions – 5 marks each ( $5 \times 5 = 25$ )
- **Section – C** 3 out of 5 questions – 10 marks each ( $3 \times 10 = 30$ )

\*\*\*\*\*

**COURSE STRUCTURE FOR  
CERTIFICATE /DIPLOMA COURSES**  
(With effect from the academic year 2016-17 and 2017-2018)

**Department: ENGLISH**

COURSE CODE	COURSE TITLE	DURATION OF THE COURSE	CREDIT	TOTAL MARKS
ENCT01	<b>Certificate Course in Spoken English</b>	3 Months	3	100

**Department: TAMIL**

COURSE CODE	COURSE TITLE	DURATION OF THE COURSE	CREDIT	TOTAL MARKS
TACT01	<b>Certificate Course in “Introduction to General Tamil”</b>	3 Months	3	100
TADM01	<b>Diploma Course in “Introduction to Journalism”</b>	6 Months	6	100

**Department: MATHEMATICS**

**I. CERTIFICATE COURSE IN BIO-STATISTICS**

PAPER CODE	PAPER TITLE	DURATION OF THE COURSE	CREDIT	TOTAL MARKS
MSCT01	<b>Bio-Statistics-I</b>	3 Months	3	100
MSCT02	<b>Bio-Statistics-II</b>	3 Months	3	100

**II. CERTIFICATE COURSE IN DEVELOPMENT OF APTITUDE SKILLS**

PAPER CODE	PAPER TITLE	DURATION OF THE COURSE	CREDIT	TOTAL MARKS
MSCT03	<b>Development of Aptitude Skills</b>	3 Months	3	100

**III. CERTIFICATE COURSE IN ACTUARIAL MATHEMATICS**

PAPER CODE	PAPER TITLE	DURATION OF THE COURSE	CREDIT	TOTAL MARKS
MSCT04	<b>Actuarial Mathematics</b>	3 Months	3	100

#### IV. DIPLOMA IN OPERATIONS RESEARCH

PAPER CODE	PAPER TITLE	DURATION OF THE COURSE	CREDIT	TOTAL MARKS
MSDM01	<b>Operations Research-I</b>	6 Months	6	100
MSDM01	<b>Operations Research-II</b>	6 Months	6	100

#### Department: PHYSICS

COURSE CODE	COURSE TITLE	DURATION OF THE COURSE	CREDIT	TOTAL MARKS
PYCT01	<b>Certificate Course in Basic Electronics and Servicing of Home Appliances</b>	3 Months	3	100
PYCT02	<b>Certificate Course in Television &amp; Troubleshooting</b>	3 Months	3	100

#### Department: CHEMISTRY

COURSE CODE	COURSE TITLE	DURATION OF THE COURSE	CREDIT	TOTAL MARKS
CHCT01	<b>Certificate Course in Preparation of Domestic Products</b>	3 Months	3	100
CHCT02	<b>Certificate Course in Testing of Industrial Products</b>	3 Months	3	100

#### Department: BIOCHEMISTRY

COURSE CODE	COURSE TITLE	DURATION OF THE COURSE	CREDIT	TOTAL MARKS
BICT01	<b>Certificate Course in Mushroom Cultivation Techniques</b>	3 Months	3	100

#### Department: BIOTECHNOLOGY

COURSE CODE	COURSE TITLE	DURATION OF THE COURSE	CREDIT	TOTAL MARKS
BTCT01	<b>Certificate Course in Herbal Medicine</b>	One Month	1	100

\*\*\*\*\*