Since 1951

JAMAL MOHAMED COLLEGE
(Autonomous)

College with Potential for Excellence
Re-accredited (3rd Cycle) with 'A' Grade by NAAC
(Affiliated to Bharathidasan University)
TIRUCHIRAPPALLI – 620 020.

HAND BOOK ON AUTONOMY

Volume - VI
Second Edition

JUNE 2018

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TIRUCHIRAPPALLI - 620 020
TAMIL NADU, INDIA

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HAND BOOK ON AUTONOMY

Volume - VI
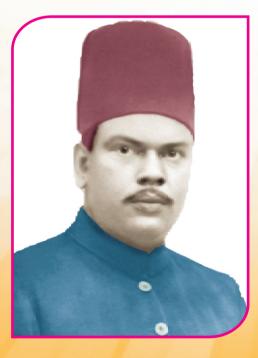### Second Edition

June 2018

Founders

Hajee. M. Jamal Mohamed Sahib

Janab. N.M. Khajamian Rowther

Janab. M.J. Jamal Mohideen Sahib
Founder Secretary

Janab.K. Abdul Samad Sahib
Founder Treasurer

Management Committee

Hajee. M.J. JAMAL MOHAMED BILAL
President

Dr.A.K.KHAJA NAZEEMUDEEN
Secretary & Correspondent

Hajee. M.J.JAMAL MOHAMED
Treasurer

Dr. K. ABDUS SAMAD
Assistant Secretary

3

Dr. S. Ismail Mohideen

Principal

Jamal Mohamed College (Autonomous)
Tiruchirappalli – 620 020
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Since 1951

PREFACE

Jamal Mohamed College, administered by the society of Jamal Mohamed College, was established for providing higher education to the downtrodden and socially backward sections of the society in general and Muslim minority in particular. Initially there were 250 students and 12 staff members in the Intermediate and Degree courses in B.A (Islamic History) and B.A (Economics).

The College has grown into a multi-faculty institution over the years offering diversified undergraduate, post-graduate and research programmes with a total strength of around 11,000 students. At present, the college is offering B.A. Arabic, Economics, English, History, B.Sc. Botany, Chemistry, Computer Science, Mathematics, Physics, Zoology and B.Com in the aided stream. Likewise, B.A. English, B.Litt Tamil, B.Sc. Computer Science, Hotel Management & Catering Science, Information Technology, Mathematics, Physics, Chemistry, Fashion Technology & Costume designing, Nutrition and Dietetics, Visual Communication, BCA, BBA and B.Com are offered in the SF stream. The PG courses offered under Aided stream are M.A. Arabic, Economics, English and Tamil, M.Sc. Botany, Chemistry, Mathematics, Physics, Zoology, M.C.A and M.Com. PG courses offered under SF stream include M.A. Arabic, English, History, M.Sc. Biotechnology, Bioinformatics, Chemistry, Computer Science, Information Technology, Microbiology, Physics, Zoology, M.S.W, M.C.A, M.Com, M.B.A for both men and women. The College also offers M.Phil and Ph.D Research Programmes in almost all disciplines.

The National Assessment and Accreditation Council, an Autonomous Institution of the University Grants Commission, accredited the college at Five Star level in 2002. The College was conferred with Autonomous Status in 2004-2005. Our College was Reaccredited during 2009 and awarded with 'A' Grade – CGPA 3.6 out of 4.0. During the third Cycle of Re-accreditation in 2015-16, 'A' Grade was awarded by NAAC. New syllabus under Choice Based Credit System (CBCS) was introduced and the hand book on Autonomy Volume-I was brought out in 2004. The syllabus was revised with effect from the academic year 2007-2008 and the Hand Book on Autonomy Volume-II was then released. Another revision was made in 2008-2009 and the Handbook on Autonomy Volume-III was published. During 2011-2012 Handbook of Autonomy Volume-IV was brought out. During 2014-2015 Hand book & Autonomy Volume V was Published.

This Volume-VI covers the regulations with effect from 2017-2018 relating to admission, Courses of study and Examination pattern for the UG, PG and M.Phil Programmes.

PRINCIPAL

SHOW US THE RIGHT PATH

In the name of Allah,
The beneficent, the merciful.

Praise be to Allah, Lord of the Worlds,
The Beneficent the Merciful
Owner of the Day of Judgement,
Thee alone we worship,
Thee alone we ask for help,
Show us the right path,
The path of those whom thou hast favoured;
Not the path of those who earn thine wrath,
Nor of those who go astray.
Ameen!

(Al-Quran 1:1-7)

VISION AND MISSION

VISION

"Excellence and Beyond Excellence"

To become a world class, highly acclaimed, innovative and Competitive Centre of academic and extra academic excellence in Higher Education by offering value added and socially relevant programmes to the students including minority, backward and socially disadvantaged sections of the society.

MISSION

To provide a unique experience which will enable the students to realize their innate potential and mould their overall personality by:

- offering quality education at affordable cost
- developing Skills and providing Career opportunities
- inculcating and nurturing ethical, spiritual, moral and human values
- promoting Consultancy activity, Research and Development
- creating interest and instilling confidence for achievement

OUR EMBLEM AND MOTTO

Since 1951

The emblem of the college consists of a Shield divided into four parts with a circle in the middle. On the top left, there is a crescent and star symbolic of Islamic Culture and faith in future prosperity. On the right there is an open book symbolising knowledge. At the bottom right, there is a lotus, the Hindu symbol for purity and prosperity. The bottom left represents a replica of Golden Rock Standing for Strength and Striving. Inset in the mid-circle is the frontage of the old main building with a dome and minarets representing the essence of Islamic Culture : the present is a preparation for the hereafter. Underneath the shield is a ribbon containing a verse from the Holy Quran in Arabic Script followed by its translation in English, "Show us the right path", which is the motto of the College. Thus, the emblem of Jamal enshrines here and hereafter, tempered with constant prayer to the Almighty to guide us on the straight path.

The four figures in the shield are diagonally placed with Green and Yellow backgrounds. In other words, our College colours consist of Green and Yellow, standing for Prosperity and Happiness.

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PROFILE OF THE SOCIETY

PROFILE OF THE SOCIETY

The Society of Jamal Mohamed College is established in a sprawling land area of 87 acres (60 acres in the present location and 27 acres in Veerampatti Village near Bharathidasan University) as a religious minority institution with the primary objective of providing higher education to the down-trodden and socially backward sections of the society in general and Muslim minority in particular. Hajee M. Jamal Mohamed Sahib and Janab. N.M.Khajamian Rowther of revered memory were the founding fathers.

In addition to Jamal Mohamed College (Autonomous), the Society has established and is administering the following institutions:

(i) Jamal Mohamed College Typewriting Institute (2007) approved by the Department of Technical Education, Government of Tamilnadu.

(ii) Jamal Mohamed College of Teacher Education (2007) offering B.Ed. Course approved by National Council for Teacher Education, Bangalore and affiliated to Bharathidasan University, Tiruchirappalli in 2007 and later to Tamilnadu Teacher Education University, Chennai from 2008.

(iii) Jamal Mohamed College Ayesha Girls' Matriculation Higher Secondary School (2009) approved by Director of Matriculation Schools, Government of Tamilnadu.

(iv) Jamal Mohamed College of Hotel Management Industrial School (2009) approved by Department of Employment & Training, Government of Tamilnadu.

PROFILE OF THE COLLEGE

MANAGEMENT OF THE COLLEGE

The college was founded in 1951 and the founding Management Committee of the college consisted of Janab N.M.Khajamian Rowther as the founder President (1951-1954), Janab.M.J.Jamal Mohideen Sahib as the founder Secretary (1951-1966) and Janab N.M.K.Abdul Samad Sahib (1951-1964) as the founder Treasurer. Janab. M. J. Jamal Mohideen also took over as the President from 1954 after the demise of Janab N.M.Khajamian Rowther and remained till 1975.

Hajee. M. J. Jamaludeen Sahib, who succeeded Janab. M. J. Jamal Mohideen Sahib as Secretary and Correspondent from 1966, functioned till 1973. Hajee. N. M. K. Abdul Khader Sahib, served as Treasurer from 1964 till 1973. On the sad demise of Hajee. M. J. Jamaludeen Sahib, Hajee. N.M. K. Abdul Khader Sahib took over as Secretary and Correspondent in the year 1973 and served till 1988. Hajee. M.J.M.Abdul Gafoor Sahib took over as Treasurer in the year 1973.

Hajee. M. B. Abdullah Sahib, who served as the President from 1975 to 1988, also served as Secretary for one year from 1988 to 1989. Hajee. K. A. Khaleel Ahamed Sahib became the Treasurer in 1989 and served upto 2017.

Janab. N. M. K. Abdul Khaliq Sahib was the President from 1989 till 1995. Janab M. J. Noordeen Sahib served as President from 1996 to 2014. Hajee. M.J. Jamal Mohamed Bilal Sahib was included as a member in the Society of Jamal Mohamed College and also elected as President in 2014.

Hajee. M. J. M. Abdul Gafoor Sahib, served as Treasurer from 1973 to 1989. He was elected as Secretary and Correspondent in 1989 and served till 2011. He had the distinction of serving during the time of Silver Jubilee, the Golden Jubilee and Diamond Jubilee of the college.

Dr. A. K. Khaja Nazeemudeen Sahib, who has been serving as the member of the Management Committee from 1995 was elected to the post of Assistant Secretary in the year 2003 and was elected as Secretary & Correspondent in 2011.

Hajee. M. J. Jamal Mohamed Sahib was included as a member in the Society of Jamal Mohamed College and also elected as Assistant Secretary in 2011 and served upto 2017. He was also elected as the Treasurer in 2017.

Dr. K. Abdus Samad was inducted as a member in the Society of Jamal Mohamed College and also elected as Assistant Secretary in 2017.

The college has grown from strength to strength under the able leadership of great men who adorned the seat of Principalship from 1951 onwards. Late.Alhaj Janab. M.J.Mohamed Sayeed M.A.,LT, was the first Principal from 1951 to 1970. Prof. E.W.P.Thomas M.A., was the Principal from 1970 to 1971. Late Hajee. Prof. E.P.Mohamed Ismail became the Principal in 1971 and held the office upto 1985.

Dr. C. Nainar Mohamed M.A., Ph.D., was the Principal from 1985 to 1989. Prof.Hajee.N.Abdul Samadh M.A., M.Phil., became the next Principal and held the office from 1989 to 1998. Dr.K.Abdullah Basha M.A., M.Phil., Ph.D., was the Principal from 1998 to 2003.

Dr. M. Sheik Mohamed M.Com., M.Phil, FICWA., PGDCA., PGDFM., Dip.MA, MBA., M.Phil (Mangt), Ph.D., was the Principal from 2003 to 2011.

Dr. R. Khader Mohideen, M.Com.,M.B.A., M.Phil, Ph.D., was the Principal from 2011 to 2013.

Dr. A. M. Mohamed Sindhasha, M.Com.,M.Sc.(Psy), M.Phil., M.B.A., Ph.D., was the Principal from 1st June 2013 to 24th June 2014.

Dr. S. Mohamed Salique, M.Sc., B.Ed., Ph.D., Dip. in Arabic was the Principal incharge from 25th June 2014 to 18th July 2014.

Dr. S. Mohamed Salique, M.Sc., B.Ed., Ph.D., Dip. in Arabic was the Principal from 19th July 2014 to 31st May 2017

Dr. S. Ismail Mohideen, M.Sc., M.Phil., PGDCA., Ph.D. was appointed as the Principal from 1st June 2017.

PROFILE OF THE COURSES

Jamal Mohamed College was founded in 1951, as an affiliated college to the University of Madras and then affiliated to Bharathidasan University, Tiruchirappalli, since its inception in 1982.

The college was inaugurated on 11th July 1951 by Hon'ble. Thiru.P.S.Kumarasamy Raja, the then Chief Minister of Madras with His Excellency, the Maharaja of Bhavanagar, the then Governor of Madras presiding over the function.

Over the period of 6 decades, the college was able to scale greater and greater heights and rise to the present status as a multi-faculty institution with 11 UG programmes, 11 PG programmes and 2 M.Phil. Programmes under Government Aided stream and 9 U.G. programmes and 14 P.G. programmes under self financing stream for men by promoting quality and excellence in higher education due to the sustained efforts and dedicated leadership given by the College Management Committee. The college also offers 15 U.G. and 14 P.G. programmes exclusively for women as part of women empowerment during the second shift of the College. 17 M.Phil and 15 Ph.D programmes are offered both men and women under self financing stream.

In the year 1951, the college had Intermediate Courses, B.A.Economics, and B.A.(Islamic History) with an initial student strength of 250 and staff strength of 12. B.Com was started in 1952. Later several undergraduate programmes like B.A.English Literature, B.Sc. Mathematics, Physics, Chemistry and Zoology were added.

During the year 1957, the college bagged all prizes in several intercollegiate competitions organized by the University of Madras as part of the Centenary Celebrations of the University. At that time the college got the single honour of being bracketed with the thirty best colleges in India when Danforth Foundation of USA selected the college for the award of study fellowships in U.S.A. to three of the faculty members Prof. V.Hari Rao, Prof.Devanathan and Prof.Mohamed Essa.

In 1963, the college was elevated to the status of a post graduate college with affiliation granted for M.A.Economics and M.Sc.Mathematics. Other PG programmes like Physics, English Literature, Zoology, and Commerce were added subsequently.

In the year 1972, the college was upgraded as a Centre for advance research work leading to the Doctorate degree in the PG Department of Zoology. The PG Department of Physics was recognized as a Centre for Ionospheric Research programme was conducted in collaboration with the Physical Research Laboratories, Ahmedabad. In subsequent years, research programmes leading to M.Phil and Ph.D were added in the Departments of Mathematics, Chemistry, English, Commerce, Economics, Tamil, Botany, and Physics.

During the year 1972, the college was recognized by UGC New Delhi, for Grant purposes under section 2(F) and 12(B) of the University Grants Commission Act 1956.

In 1977-78, on the recommendation of the University of Madras, the UGC recognized the college as one of the ten "Lead Colleges" in the university area. As a lead college, select programmes were started in collaboration with leading business houses and employment agencies, with a view to providing qualitative development and academic lead to the colleges in the region.

In 1986, B.Sc. Computer Science programme was started marking the beginning of Computer Era in the college. In subsequent years, programmes like MCA, M.Sc. Computer Science, M.Sc. (IT), M.Sc. Microbiology were added to the already existing programmes.

In 1996, the college was selected by the UGC to offer vocational programmes entitled "Office Management and Secretarial Practice" at the UG level upto the year 2002.

In tune with the changes taking place in all walks of life, in 1999, the Management of the college started exclusive women sections both at the UG and PG levels in the subjects like Computer Science, Information Technology, Commerce, Business Administration, Mathematics, English and Arabic Literature leading to Women's empowerment.

The AICTE-approved MBA programme was started in the year 2000.

During the year 2004-05, the AICTE accorded extension of approval to the existing MCA Self Finance programmes conducted from 1992 onwards. M.Sc. Bio-Technology, B.Litt. were introduced in the regular day college. M.Phil. in Chemistry, Computer Science and Arabic were also started.

UGC, Government of Tamil Nadu and Bharathidasan University conferred Autonomous status for a period of 6 years from 2004-2005 for all programmes including the AICTE approved M.C.A. & M.B.A. by introducing Choice Based Credit System.

During 2005-2006, B.Sc. Chemistry, B.Sc. Physics, M.Sc. Mathematics for women and M.A. History and B.B.A. for men were started.

During 2005-2006, UGC approved Six Career Oriented Programmes (COP) leading to Certificate, Diploma and Advance Diploma courses in Journalism, Tourism and Travel Management, Functional Urdu, Computer Application and Multilingual with Printing Technology, Domestic Chemistry and Quality Assurance, Medical Lab. Technology and Computer Hardware and Network Administration.

During 2006-2007, Master of Social Work (M.S.W), M.Sc. (Bio-Informatics) and M.Phil. in Management Studies were started.

AICTE accorded extension of approval to the existing MCA regular programmes (Govt. Aided) conducted from 1988-89 onwards, thus making the total approved intake to 120.

Computerized Calligraphy Training Centre, approved by National Council for Promotion of Urdu Language (Ministry of HRD, New Delhi) is offering Diploma in Computer Applications and Multilingual DTP.

The Department of Commerce is accredited by ICWA Institute for offering coaching in Foundation courses in ICWA,Tally Accounting Packages and CAT.

Department of Economics is offering Typewriting and Shorthand courses to the students. The centre has 22 typewriters. The centre is recognised as Jamal Mohamed College Typewriting Institute by the Department of Technical Education.

The Guidance and Counseling Centre is offering remedial education and competitive coaching classes to educationally backward and minority community students and SC / ST students.

During 2008-09, B.Sc. Hotel Management & Catering Science and B.Sc.(I.T) were started for Men. B.Sc. Nutrition & Dietetics and B.Sc. Fashion Technology & Costume Design were started for women.

During 2009-10, affiliations were obtained for Ph.D., in Management Studies and Computer Science, During 2009 10,AICTE approved an additional intake of 60 in MBA, making the total intake as 120. The University has also accorded affiliation for the same. Affiliation was also received for UGC approved Career Oriented Programme on Computer Application in Commerce.

During 2009-10, Arabic and Islamic Research Centre was established with the funding from Saudi Embassy, New Delhi.

The Entrepreneurial Development Cell is established to train the students with the skills to start a business. UGC Sponsored Day Care Centre, Equal Opportunity Centre and Centre for Differently abled persons were established.

During 2009-10, on completion of 6 years of Autonomy, UGC and Bharathidasan University issued orders for extension of autonomy upto 2015-2016.

PG Diploma in Islamic Banking and Financial Management, PG Diploma in Fermentation Technology and UGC approved COP in E-Mathematical Tools were started.

During 2010-11, the The MBA programme was accredited by NBA of AICTE.

UGC New Delhi has conferred the college with the status of "College with Potential for Excellence" during 2011-2012.

The College has started M.Sc. Fashion Technology & Costume Designing and M.Sc. Nutrition & Dietetics for women Students from 2011-12. The College also has revised the syllabus for all UG, PG and M.Phil., programmes for implementation from 2011-12.

During 2012-13, Ph.D. programmes in Biotechnology, Microbiology, Physical Education, M.Phil., programmes in Biotechnology, Microbiology and B.Sc. Biotechnology and also Advanced Diploma in Computer Applications with Arabic programmes were introduced.

During the academic year 2013-14, P.G. Diploma in Biodiversity Informatics under UGC sponsored innovative scheme was introduced.

During 2013-14, Our College is identified by the Ministry of Human Resource Development (MHRD) as one of the 45 Colleges in India to be accorded the power to grant degrees in the status of a state university.

During 2014-15, Jamal Institute of Management has been ranked in Category 'A' by the All India Management Association (AIMA), New Delhi, Business Standard B-Schools Ratings.

During the academic year 2015-16, B.Sc. Micro Biology for women, B.Sc., Mathematics (Additional Section - III) for women and B.Com. (Additional Section - VIII) for men were started.

Our College was Re-accredited by NAAC in the Third Cycle and we obtained 'A' Grade in 2015-16 and the status was extended upto May 2023.

The Seventh Additional Section for BCA (Men) and Ninth Additional Section for B.Com. (Women) were started, also B.Sc. Visual Communication course was started in 2016-17.

The UGC has granted extension of Autonomous Status to our college for a further period of Six years from 2016-17 to 2021-22.

During the academic year 2016-2017 B.Sc., (Visual Communication) was started for Men Students.

The Seventh Additional Section for BCA (Men) and Ninth Additional Section for B.Com (Women) were started.

College was bestowed with the unique honour of "CPE" status (Phase-II) by the University Grants Commission in 2016-2017.

During the year 2016 - 2017, Ph. D. programme in History was introduced.

The syllabi for UG, PG, M. Phil and other programmes were revised during the year 2016 - 2017 for implementations from the academic year 2017 - 2018.

During 2017-18, M.Phil., Nutrition and Dietetics Course was started. A Centre for Islamic Cultural Research was also established.

Our College was ranked as one of the Top hundred colleges (83rd rank) in the National Institutional Ranking Framework in 2017-18 by MHRD, New Delhi.

The Conferement of Muslim Minority Status was given by the Government of Tamil Nadu for the period of five years from 2017-18 to 2021-22.

CHOICE BASED CREDIT SYSTEM (CBCS)
Regulations for all the Programmes
(For the candidates admitted from the academic year 2017-2018 onwards)

1. Eligibility for UG Programme : 10 + 2 pattern

(i). For Admission (UG): A pass in the Higher Secondary Examination (10 + 2) (Academic / Vocational Stream) conducted by the Government of Tamil Nadu; or an examination accepted as equivalent thereto by the Syndicate of Bharathidasan University, subject to such conditions as may be prescribed thereof.

(ii). For the Degree: The candidates shall have subsequently undergone the prescribed course of study in the college affiliated to Bharathidasan University for a period of not less than three academic years, passed the examinations prescribed and fulfilled such conditions as have been prescribed thereto.

A. ARTS

S.No.	Name of the Programmes	Eligibility
1.	B.A. Arabic	A pass in 10+2
2.	B.A. Economics	A pass in 10+2
3.	B.A. English	A pass in 10+2
4.	B.A. History	A pass in 10+2
5.	B.Litt. Tamil	A pass in 10+2 with Tamil as a Language Paper
6.	B.B.A.	A pass in 10+2
7.	B.Com.	A pass in 10+2 with Commerce and Accountancy. 20% of seats may be reserved for Vocational Stream. The candidate who has passed Diploma in Commerce or Modern Office Practice (3 years) or equivalent awarded by Directorate of Technical Education / National Council of Vocational Training is eligible for lateral entry to 2nd Year.

B. SCIENCE

S.No.	Name of the Programmes	Eligibility
1.	B.C.A.	A Pass in 10+2 with Mathematics as one of the core subjects
2.	B.Sc. Computer Science	
3.	B.Sc. Information Technology	
4.	B.Sc. Fashion Technology and Costume Designing	1. Candidates those who completed their Higher Secondary(+2) 2. Any course in +2 (But they must have English paper also)
5.	B.Sc. Biotechnology	A Pass in 10+2 with Mathematics, Physics, Chemistry and Biology or Physics, Chemistry, Botany and Zoology or Biology as one of the core subjects.
6.	B.Sc. Botany	A Pass in 10+2 Biology with Chemistry
7.	B.Sc. Chemistry	A Pass in 10+2 with Chemistry as one of the core subjects
8.	B.Sc. Hotel Management & Catering Science	A Pass in 10+2
9.	B.Sc. Mathematics	A Pass in 10+2 with Mathematics as one of the core subject
10.	B.Sc. Microbiology	A Pass in 10+2 with Biology as one of the core subject
11.	B.Sc. Nutrition & Dietetics	A Pass in 10+2 with Biology and Chemistry / Nursing / Nutrition in Vocational stream
12.	B.Sc. Physics	A Pass in 10+2 with Physics and Mathematics
13.	B.Sc. Visual Communication	A Pass in 10+2
14.	B.Sc. Zoology	A Pass in 10+2 with Mathematics, Physics, Chemistry and Biology or Physics, Chemistry, Botany and Zoology or Biology as one of the core subjects

2. Eligibility for PG Programme :

For Admission (PG)

A candidate who is a graduate of this University or any other recognized University with the main subject/ subjects as given below or who has passed the examination accepted by the Syndicate of Bharathidasan University, as equivalent thereto is eligible for admission.

A. ARTS

S.No.	Name of the Programmes	Eligibility
1.	M.A. Arabic	A pass in B.A. Arabic / Afzal-ul-ulama Degree any Degree with Arabic as Part I language
2.	M.A. Economics	A pass in B.A. Economics / Econometrics
3.	M.A. English	A pass in B.A. English Literature (OR) any degree with English as Part II language
4.	M.A. History	A pass in any Degree
5.	M.A. Tamil	A pass in B.A. Tamil/ B.Lit./B.A. Applied Tamil/ Pulavar Degree (OR) any Degree with Tamil as Part I language
6.	M.B.A.	A pass in any Degree
7.	M.Com.	A pass in B.Com. / Bank Management / Computer Applications / Financial Management / B.Com. (Applied) / Co-Operation / B.B.A. and other related Programmes equivalent to B.Com.
8.	Master of Social Work (MSW)	A pass in any Degree

B. SCIENCE

S.No.	Name of the Programmes	Eligibility
1.	M.C.A.	A candidate who is a graduate in Mathematics or Physics or Chemistry or Statistics or Computer Science or Information Technology or Industrial Electronics or Applied Science (with Mathematics as an allied subject or Major Subject) or B.Com. or B.B.A. or B.E. / B.Tech except Computer Science in Engineering Branch) / AMIE of this University or from a recognized University or an examination accepted by the Syndicate as equivalent thereto **Lateral Entry :** PGDCA / B.Sc. Computer Science / B.Sc. Information Technology / B.C.A. / B.Sc. Software Development
2.	M.Sc. Biotechnology	A pass in B.Sc. with Bio Technology/Bio-Chemistry / Botany / Zoology / Microbiology / Biology / Life sciences / Integrated Biology / B.Sc. with Biological Sciences as one of the subject (B.E. / B.Tech – Biotechnology) / B.Pharm / B.Sc. Agriculture & / B.Sc. Horticulture
3.	M.Sc. Botany	A pass in B.Sc. Botany
4.	M.Sc. Chemistry	A pass in B.Sc. Chemistry

5.	M.Sc. Computer Science	B.Sc. Computer Science, B.Sc.I.T., B.C.A. B.Sc. Software Development of this University or from a recognized University or an examination accepted by the Syndicate as equivalent there to
6.	M.Sc. Fashion Technology and Costume Designing	1. Candidates must have completed B.Sc Fashion Technology / Costume Designing / B.Sc Apparel and Fashion Technology/ B.Sc Textile Science/ B.Sc. Home Science 2. Other Major students are not eligible for doing this Course
7.	M.Sc. Nutrition & Dietetics	B.Sc. Nutrition and Dietetics / Home Science or any Home Science Allied Chemistry / Food Technology / B.Sc. Microbiology with Biochemistry
8.	M.Sc. Information Technology	B.C.A. / B.Sc. Computer Science / B.Sc. Information Technology / B.Sc. Software Development or any other degree (with Mathematics as an allied subject / Major subject) or (Computer Science with Mathematics or Business Mathematics or Statistics at +2 level) of this University or from a recognized University or an examination accepted by the Syndicate as equivalent thereto
9.	M.Sc. Mathematics	A Pass in B.Sc. Mathematics
10.	M.Sc. Microbiology	A pass in B.Sc. with Bio Technology / Bio Chemistry / Botany / Zoology / Microbiology / Bioinformatics / Biology / Life sciences / B.Sc. with Biological Sciences as one of the subjects (B.E. / B.Tech in Biotechnology) / B.Pharm / B.Sc. Agriculture / B.Sc. Horticulture
11.	M.Sc. Physics	A Pass in B.Sc. Physics / B.Sc. Electronics / Applied Physics / Four year Physics (Honours)
12.	M.Sc. Zoology	A Pass in B.Sc. Zoology

3. Duration

UG Programme : 3 years; PG Programme: 2 years; MCA-3 years; M.Phil: Full Time 1 year; Part Time 2 years. Each academic year shall comprise of two semesters viz. Odd and Even semesters. Odd semesters shall be from June / July to October / November and Even Semesters shall be from November / December to April / May. There shall be not less than 90 working days which shall comprise 450 teaching clock hours for each semester. (Exclusive of the days for the conduct of End-Semester Examinations).

In each semester, courses are offered in 15 teaching weeks and the remaining 3 weeks are to be utilized for the conduct of examinations and evaluation purposes. Each week has 30 working hours spread over 6 days a week.

4. The CBCS System

All Programmes mentioned earlier shall be conducted on Choice Based Credit System (CBCS). It is an instructional package developed to suit the needs of students to keep pace with the developments in higher education and the quality assurance expected of it in the light of liberalization and globalization in higher education.

The term 'Credit' refers to the weightage given to a course, usually in relation to the instructional hours assigned to it. However, in no instance the credits of a course can be greater than the hours allotted to it. Each

Course is designed variously under lectures / tutorials / laboratory or field work / seminars / practical trainings/ Assignments / Report writing etc., to meet effective teaching and learning needs.

5. Courses in Programmes

The UG programme consists of a number of courses. The term 'course' is applied to indicate a logical part of the subject matter of the programme and is invariably equivalent to the subject matter of a "paper" in the conventional sense. The following are the various categories of courses offered for the UG programmes.

Language Courses (LC) (any one of Tamil, Hindi, French, Arabic, Urdu), English Language Courses (ELC), Core Courses (CC), Allied Courses (AC), Major Based Elective Courses(MBEC), Non Major Elective Courses (NMEC), Skill Based Elective Courses (SBEC), Environmental Studies, Value Education and Gender Studies Courses.

The Language Courses and English Language Courses, four each in number are meant to develop the students' communicative skills at the UG level. Core Courses are the basic courses compulsorily required for each of the programme of study. These will be related to the subject of the programme in which the candidate gets the degree. There shall be 16 Core Courses. Allied Courses cover two disciplines that are generally related to the main subject of the programme. There shall be 8 Allied Courses. There are 3 major based electives under Part III. There are 2 Non Major Electives, Environmental Studies, Value Evaluation and 3 Skill Based Electives under Part IV. There is a Gender Studies paper under Part V. Courses with Extra Credit are offered in 5th and 6th semesters, these are self study courses and are optional.

Under Graduate Programmes

The following are the credits for BA, B.Sc, B.Com, BCA, and BBA programmes with effect from 2017-18.

S. No.	Courses	No. of Courses	Total Hrs during the Program	No. of Credits	Total Credits	Marks.
1.	**Part I – Language Tamil/Arabic/Hindi/Urdu/French (I to IV Semesters)**	4	24@6 Hours	3	12	400
2.	**Part II – English (I to IV Semesters)**	4	24@6 Hours	3	12	400
3.	**Part III – Allied Courses (I to IV Semesters)**	8	30@5/4/3 Hours	4/3/2	21	800
4.	**Part III – Core Courses (I to VI Semesters)**	16	73@6/5/4/3 Hours	5/4/3/2	67	1600
5.	**Part III – Major Based Electives**	3	14@5 /4 Hours	4	12	300
6.	**Part IV – Non-Major Courses**					
	Non Major Electives including for other language students. Basic Tamil/ Advanced Tamil (III & IV Semesters)	2	4@2 Hours	2	4	200
	Value Education (I Semester)	1	2 Hours	2	2	100
	Environmental Studies (II Semester)	1	2 Hours	2	2	100
	Skill Based Electives (III & V Semesters)	3	6 @ 2 Hours	2	6	300
7.	**Part-V Extension Activity (IV Semester)**	-	-	1	1	-
	Part-V Gender Studies – VI Semester	1	1 Hour	1	1	100
8.	**Courses with Extra Credit (V & VI Semesters)**	2*	-	4*	8*	200*
	Total	**43**		**-**	**140**	**4300**

* Not considered for Grand Total and CGPA

PART-I: Language Course (LC)

The college offers Tamil, Arabic, Hindi, Urdu and French as first language. An undergraduate student must select any one of them as first language. He should earn 12 credits (3 credits per semester in the first four semesters). Part I carries 400 marks in the first 4 semesters.

PART-II: English Language Course (ELC)

All the UG students shall go through this programme for the first four semesters. A student must earn 12 credits (3 credits per semester in the first four semesters). Part II carries 400 marks in the first 4 semesters.

PART III: Allied Courses (AC)

Besides Core Courses, an undergraduate student must study allied courses which may help to understand the Core Courses well. The students will study 8 papers of 4/3/2 credits each with 21 total credits carrying 800 marks.

PART III: Core Courses (CC)

There are 16 Core Courses, which are considered essential for each major subject. Each department will decide the title of courses, theory for Arts subject, theory and practicals for Science subject. The Core Courses carry 67 total credits with 1600 marks.

PART III: Major Based Electives (MBE)

There are 3 major based elective courses carrying 12 total credits with 300 marks.

PART IV: Non Major Elective (NME)

There are two courses - one in the III semester and one in the IV semester with 2 credits each. It is open to all students, irrespective of the Department. **No student** shall be permitted **to select Non-Major Elective** offered by the **parent department**. Students have to choose Non-Major Elective offered by other departments only.

In case of languages, the students who study Arabic, Hindi, French and Urdu should study two courses on Basic Tamil during III & IV semesters. The students who have studied Tamil in Higher Secondary School and taken other languages as Part – I, have to study Advanced Tamil during these semesters. Others will study other Non Major Electives.

PART IV: Skill Based Electives (SBE):

Three Courses are offered with 2 credits each.

PART IV: Other Courses :

They include the Value Education and Environmental Studies with 2 Credits each respectively.

PART V : Extra Curricular Courses (ECC)

a) The Extra Curricular Courses include activities of the NSS, NCC, RRC, Youth Red Cross, Fine Arts, Leo Club, Rotaract Club, Consumer Club, Anti Dowry Association and Sports. All the students have to involve themselves in any one of the extension services for first four semesters. This will carry 2 credits.

Grades will be awarded on the basis of participation, performance and behaviour. Grades shall be entered in the mark statement during IV semester as given below:

A: DISTINCTION   B: VERY GOOD   C: GOOD   D: FAIR

b) College Out-Reach Programme: JAMCROP (Jamal Mohamed College Community Reach Out Programme)

Under this programme, each student should spend 10 hours per semester during I or II semester in adopted villages and participate in the specific activities identified for each Department for the integrated growth of the adopted village. They should earn Grades as A / B / C / D as above.

c) During VI semester, there is a course on Gender Studies with one credit.

Post Graduate Programmes

The following are the credits for PG programmes: **Arabic, Botany, Chemistry, Commerce, Economics, English, History, Mathematics, Physics, Tamil and Zoology** with effect from 2017-18.

S.No.	Courses	Total Hours during the Programme	No. of Credits	Total Credits	Marks
1.	Core Courses (15 courses)	90 @ 6 Hours	4/5	69	1500
2.	Core Based Elective Courses (4 courses)	24 @ 6 Hours	4	16	400
3.	Project**	6 Hours	5	5	100
	Courses with Extra Credit (2 courses) (III and IV Semesters)	-	5*	10*	200*
	Total		-	**90**	**2000**

* Not considered for Grand Total and CGPA

The following are the credits for M**.Sc Bio-Technology, Fashion Technology & Costume Designing, Microbiology and M.Sc Nutrition & Dietetics**. with effect from 2017-18.

S. No.	Courses	Total Hours during the Programme	No. of Credits	Total Credits	Marks
1.	Core Courses (15 courses)	90 @ 6 Hours	4/5	69	1500
2.	Core Based Elective Courses (3 courses)	18 @ 6 Hours	4	12	300
3.	Project**	12 Hours	9	9	200
	Courses with Extra Credit (2 courses) (III and IV Semesters)	-	5*	10*	200*
	Total		-	**90**	**2000**

* Not considered for Grand Total and CGPA

The following are the credits for **M.Sc. Computer Science and M.Sc., IT** with effect from 2017-18.

S.No.	Courses	Total Hours during the Programme	No. of Credits	Total Credits	Marks
1.	Core Courses (14 courses)	84 @ 6 Hours	4/5	64	1400
2.	Core Based Elective Courses (3 courses)	18 @ 6 Hours	4	12	300
3.	Project**	18 Hours	14	14	300
	Courses with Extra Credit (2 courses) (III and IV Semesters)	-	5*	10*	200*
	Total		-	**90**	**2000**

* Not considered for Grand Total and CGPA

The following are the credits for **M.S.W.** with effect from 2017-18.

S. No	Courses	Total Hours during the Programme	No. of Credits	Total Credits	Marks
1	Core Courses (14 Courses)	84@ 6 Hours	4/5	63	1400
2	Elective Courses (5 Courses)	30@ 6 Hours	4/5	23	500
3	Courses with Extra Credit (III and IV Semesters)	----	5*	10*	200*
4	Project **	6 @ 6 Hours	4	4	100
	Total		--	**90**	**2000**

* Not Considered for Grand Total and CGPA

** Evaluation of the Project and Viva Voce shall be made jointly by the Internal Examiner and the External Examiner

Project (PG)

Evaluation of project   75% of the total marks

Viva voce   25% of the total marks

For PG Projects with multiple maximum marks proportionately increased break-up of marks can be awarded.

For MCA and MBA, separate Course Structures and Schemes of Examination will be followed.

MBA Programme with effect from 2017-18

S.No.	Courses	Total Hrs during the Programme	No. of credits	Total credits	Marks
1	Core Courses (18 courses)	80 @ 4/5/6 Hours	4/5	74	1800
2	Elective Courses (8 courses)	40 @ 5 Hours	4	32	800
3	Courses with Extra Credit (III and IV Semesters)* (2 courses)	-	4	8	200
4	Project**	8 Weeks	8	8	200
5	Comprehensive Viva Voce	-	2	6	300
	Total		-	120	3100

MCA Programme with effect from 2017-18

S. No.	Course	Total Hrs during the Programme	No. of credits	Total credits	Marks
1	Core courses (31courses)	124 @ 4hrs	3	93	3100
2	Core Based Elective Courses (4 Courses)	16@4hrs	4	16	400
3	Skill Based Courses (3 Courses)	10@2hrs	3/1	7	300
4	Summer Project (2)	--	2	4	200
5	Main Project	30hrs	20	20	200
6	Extra Credit Courses* (3 Courses)	---	4*	12*	300*
	Total		-	140	4200

* Not Considered for Grand Total and CGPA

** Evaluation of the Project and Viva Voce shall be made jointly by the Internal Examiner and the External Examiner

Courses with Extra Credit for Advanced Learners:

Courses with extra credit for advanced learner are introduced to improve the knowledge base of the students in their Core Area. These are self study courses and are optional. For UG, two Courses with extra credit and for PG, two courses with extra credit are included.

Eligibility for Courses with Extra Credit:

Science Programme:

i. Minimum 75% Marks in the first four semesters for Extra Credit Course-I and

75 % in the first five semesters for Extra Credit Course-II of Part III courses for UG.

ii. Minimum 75% Marks in the first two semesters for Extra Credit Course-I and

75 % in the first three semesters for Extra Credit Course-II of Part III courses for PG.

Arts Programme:

i. Minimum 70% Marks in the first four semesters for Extra Credit Course-I and

70 % in the first five semesters for Extra Credit Course-II of Part III courses for UG.

ii. Minimum 70% Marks in the first two semesters for Extra Credit Course-I and

70 % in the first three semesters for Extra Credit Course-II of Part III courses for PG.

Note:

1. There should be no standing arrears for opting Extra Credit Courses

2. Students are not permitted to write the course as arrear, if he / she fails in the courses with extra credit.

Master of Philosophy Programme (M.Phil.) with effect from 2017-18

Sem	Sub Code	Course	Subject Title	Hrs / Week	Credit	CIA Mark	SE Mark	Total Mark
I	17MP** 1C1	CORE I	Research Methodology	4*	4	40	60	100
	17MP** 1C2	CORE II	Broad Areas of Research	4*	4	40	60	100
	17MP** 1C3	CORE III	Guide Paper (Based on Research Topic)	4*	4	40	60	100
	17MP** 1C4	CORE IV	Teaching & Learning Methodology	4*	4	40	60	100
	*One Hour Library for each course							
	TOTAL			16	16	160	240	400
II	17MP**2PW		Dissertation**	-	8	-	-	200
	GRAND TOTAL			-	24	-	-	600

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

M.Phil - Dissertation

Evaluation of Dissertation   150 Marks

Viva voce   50   Marks

PG Diploma Programme with effect from 2017-18

S.No	Courses	Total Hours during the Programme	No. of Credits	Total Credits	Marks
1.	Core Courses (10 courses)	60 @ 6 Hours	4	40	1000

PG Diploma in Biodiversity Informatics (UGC Sponsored Innovative Programme)

with effect from 2017-18

S.No	Courses	Total Hours during the Programme	No. of Credits	Total Credits	Marks
1.	Core courses (9 courses)	54 @ 6hrs	4	36	900
2.	Project	6 hrs	4	4	100
	Total		-	40	1000

Career Oriented Programme

(Certificate / Diploma / Advanced Diploma) with effect from 2017-18

Course	Teaching Hours	CREDIT	CIA Marks	ESE Marks	TOTAL Marks
Certificate Course					
Core I	150	10	25	75	100
Core II	150	10	25	75	100
Core III	150	10	25	75	100
GRAND TOTAL	**450**	**30**	**75**	**225**	**300**
Diploma Programme					
Core I	150	10	25	75	100
Core II	150	10	25	75	100
Core III	150	10	25	75	100
	450	30	75	225	300
GRAND TOTAL	**900**	**60**	**150**	**450**	**600**
Advanced Diploma Programme					
Core I	150	10	25	75	100
Core II	150	10	25	75	100
Core III	150	10	25	75	100
	450	30	75	225	300
GRAND TOTAL	**1350**	**90**	**225**	**675**	**900**

6. Examinations

i. During I Semester, it is mandatory for all the students to fill up the Biodata Form during first Tutorial Class, in order to get themselves registered and for the allotment of a register number (for semester autonomous examinations). If the student fails to register he / she cannot continue the second semester.

ii. All the students must fill up the Autonomous Examination application forms during October to write the Odd Semester Autonomous Examinations (October / November) and during March to write the Even Semester Autonomous Examinations (April / May).

iii. A candidate who has not passed the examination in any course(s) may be permitted to appear in such failed course (s) in the subsequent examinations to be held in October / November or April / May.

iv. PG students are required to take up a Project Work and should submit the Project Report during the 4th semester. The Head of the Department shall assign the Guides who in turn will guide and help in the Project Work. Two typed copies of the Project Report shall be submitted to the Department on or before the date fixed by College, out of which one copy will be forwarded to the Controller of Examinations and one copy should be kept in the Department Library. Each candidate is required to appear for Viva-Voce Examination (for Project only).

Time ceiling for completion of Degree (For the Candidates admitted upto 2017-2018)

a) If a student fails to complete the programme within the prescribed period of 6 years because of **Reappear Category (Arrears)**, then equivalent course(s) with reference to the current syllabi will be identified by the respective Chairman of Board of Studies. The Coordinator, Curriculum Development Cell will facilitate the process and distribute the equivalent syllabi to the COE, HOD and student concerned. The already secured CIA marks of the candidates shall be considered. If students have failed in their CIA, they are permitted to improve their marks as per the regular procedure.

b) If a student fails to complete the programme within the stipulated period, due to shortage of attendance, the student has to **Redo the entire semester.** After 6 years, equivalent courses with reference to the current syllabi will be identified by the respective Chairman of Board of Studies. The Coordinator, Curriculum Development Cell will facilitate the process and distribute the equivalent syllabi to the COE, HOD and student concerned. **The already secured CIA marks of the candidates shall not be considered.**

Time Ceiling for Completion of Degree (For the candidates admitted from 2018-19)

i   The candidates who are admitted on or after 2018-19 will be allowed to complete the UG/ PG programmes within two years after the completion of programme.

ii. In Exceptional circumstances a further extension of one more year may be granted. The exceptional circumstances be spelt out clearly by the relevant statutory body concerned of the University.

iii. During the extended period the student shall be considered as a private candidate and also not be eligible for college / university ranking.

iv. Further, the private candidates who apply for November session and for the subsequent examinations be informed that they will be permitted to appear only for two chances to complete their respective degree course.

7. CONDONATION

All the students are expected to attend their classes on all working days regularly. In case of sickness / emergencies / leave on medical grounds a student can apply for leave properly in the prescribed forms available at the Attendance Department. If a student fails to earn the minimum number of days of attendance he / she will not be permitted to appear for College End Semester Examinations. **The attendance rules and regulation are as per the University norms.**

8. Question paper pattern and Distribution of marks: 2017-18 onwards

Internal Examinations (CIA-I & II) and End Semester Examinations

i) Part-I, Part-II and Part-III Courses & PG Courses

Part-A	20 x 1 (Multiple choice Questions)	= 20 Marks
Part-B	5 x 5 (Internal Choice- Either or Type Questions)	= 25 Marks
Part-C	3 x 10 (Open choice- 3 out of 5 Questions)	= 30 Marks
	TOTAL	75 Marks

Lab Experiment   -   100 Marks (CIA-20 Marks + Record-5 Marks + Evaluation -75 Marks)

ii) PG Diploma, COP and other Certificate Programmes.

Part-A	(Internal Choice- Either or Type Questions) 5 x 5	= 25 Marks
Part-B	(5 Questions out of 8) 5 x 10	= 50 Marks
	TOTAL	75 Marks

iii) M.Phil Programme

5 x 12 (Internal Choice- Either or Type Questions)   = 60 Marks

iv) Part-IV and Part-V Courses- End Semester Examinations – Non-Major Elective, Skill Based Elective, Environmental Studies, Value Education, Soft Skill Development, Gender Studies and Extra Credit Courses. For these courses, there are **no CIA Components** and end semester examination papers (for 100 Marks) will be valued by Internal Examiners only.

Pattern-1: Descriptive pattern

Part-A	(5 Questions out of 8) 5 x 8	=	40 Marks
Part-B	(5 Questions out of 8) 5 x 12	=	60 Marks
			_____
			100 Marks
			_____

(or)

Pattern-2: Multiple Choice with objective type

100 x 1 =100 Marks

(or)

Pattern-3: Lab Oriented Courses

Lab Experiment   -100 Marks (Record-20 Marks + Evaluation -80 Marks)

Evaluation

The performance of a student in each course is evaluated in terms of percentage of marks with a provision for conversion to grade points. Evaluation for each course shall be done by a continuous internal assessment by the course teacher concerned as well as by an end semester examination and will be consolidated at the end of the course.

The Components for Continuous Internal Assessment are:

UG & PG (Theory) – 25 Marks (7.5 + 7.5 + 3 + 3 + 2 + 2)	
Test – I (3 hours)	Test – II (3 hours)
Two and half Units (50%)	Five Units (100%)
7.5 Marks	7.5 Marks
Assignment/ Seminar: 3 Marks	Assignment/ Seminar: 3 Marks
Attendance : 2 Marks	Attendance : 2 Marks
Attendance marks should be calculated up to CIA Test –I 50 % to 74% - 1 Mark 75 % to 100% - 2 Marks	Attendance marks should be calculated from CIA Test –I 50 % to 74% - 1 Mark 75 % to 100% - 2 Marks

UG & PG (Theory / Practical) – 20 Marks (5 + 5 + 3 + 3 + 2 + 2)	
Test – I (3 hours)	Test – II (3 hours)
Two and half Units (50%)	Five Units (100%)
5 Marks (For Theory - CIA Examinations will be conducted for 3 hours with 75 Marks and Converted to 5) or (For Practical - CIA Examinations will be conducted for 3 hours with 80 Marks and Converted to 5)	5 Marks (For Theory - CIA Examinations will be conducted for 3 hours with 75 Marks and Converted to 5) or (For Practical - CIA Examinations will be conducted for 3 hours with 80 Marks and Converted to 5)
Assignment/ Seminar: 3 Marks (or) Observations / Performance: 3 Marks	Assignment/ Seminar: 3 Marks (or) Observations / Performance: 3 Marks
Attendance : 2 Marks	Attendance : 2 Marks
Attendance marks should be calculated up to CIA Test –I 50 % to 74% - 1 Mark 75 % to 100% - 2 Marks	Attendance marks should be calculated from CIA Test –I 50 % to 74% - 1 Mark 75 % to 100% - 2 Marks

Note : In case of CIA for 10 Marks, the CIA will be calculated for 20 and converted to 10.

The Components of Continuous Internal Assessment (40 Marks) for M.Phil Programme :

Two Tests (2 x 12)   24 Marks

Assignment / Seminar   08 Marks

Seminar   08 Marks

The procedures for the conduct of the Semester Examination and valuation will be evolved by the office of the Controller of Examinations in consultation with the Examination Committee.

Classes will be awarded separately for Part I, Part II and Part III. Marks alone will be awarded for Part IV like Environmental Studies, Value Education, Skill Based Electives, Non Major Electives and Gender Studies of Part V. For external activities of Part V grades will be awarded. Marks obtained in Part III Allied Courses, Core Courses, Major Based Elective Courses and Project work will be taken into consideration for awarding the class in the overall performance of the student with grading system.

10. Passing Minimum

In UG, COP, ADCAA and Aalim courses the passing minimum for CIA & Semester Examination shall be 40%. In PG, M.Phil and PG Diploma courses, the passing minimum for CIA & Semester Examination shall be 50%.

For all programmes (except M.Phil) the ratio between CIA and End Semester Examination will be 25:75 for Theory and 20:80 for all Practical Courses. For M.Phil Programme the ratio will be 40:60. Theory and Practicals of PG Diploma, COP and other Certificate Programmes are in the ratio 25:75.

UG, COP and ADCAA Programmes		
	Continuous Internal Assessment (CIA)	End Semester Examination (ESE)
Theory	40% of 25 Marks (ie.10 marks)	40% of 75 Marks (ie.30 marks)
Practical	40% of 20 Marks (ie.8 marks)	40% of 80 Marks (ie.32 marks)
PG and PG Diploma Programmes		
	Continuous Internal Assessment (CIA)	End Semester Examination (ESE)
Theory	50% of 25 Marks (ie.12 marks)	50% of 75 Marks (ie.38 marks)
Practical	50% of 20 Marks (ie.10 marks)	50% of 80 Marks (ie.40 marks)
M.Phil Programmes		
	Continuous Internal Assessment (CIA)	End Semester Examination (ESE)
Theory	50% of 40 Marks (ie.20 marks)	50% of 60 Marks (ie.30 marks)

- Passing minimum for PG / M.Phil Project work will be 50% in each of the Project evaluation and Viva-Voce.

- A candidate who gets less than 50% in the Project Evaluation must resubmit the Project Report. Such candidates need to take the Viva-voce after submitting the Project Work.

11. Improvement in CIA marks for all the programmes for the students admitted from the Academic Year 2015-2016 (Students admitted during and prior to 2014-15 shall refer Hand Book on Autonomy –Volume V for old regulations)

i.   Students of all programmes who are unable to write the CIA Test-I with valid reason should get prior permission from the Tutor and HOD concerned and can write the CIA Test –I with a fee of Rs.200 per paper. Re-test request should be submitted to the COE's office within 15 days after the conduct of CIA Test-I. Applications submitted after the deadline will not be considered for the retest. There is no retest for CIA Test-II and also no retest for those who secured low mark in CIA Test -I.

ii. Students who have failed in the CIA are permitted to improve their CIA in the immediate subsequent semester, on paying a fee of Rs. 400 per paper for UG and Rs. 500 per paper for PG within 20 days of publication of Autonomous Examinations results and they should submit two assignments and write two tests. Those students who fail in this attempt will have to pay an additional fee of Rs. 100 per semester. Marks secured for the attendance in the particular semester shall be considered for CIA component.

iii. In case of PG students admitted upto 2016-17 those who have secured a **pass mark** in the End Semester Examination and in the **CIA but failed to secure aggregate minimum pass mark (50)** are permitted **to improve their internal assessment mark** in the subsequent semesters and / or by writing End Semester Examination. Two chances alone will be given for improving internal assessment marks. However the candidate can write and improve in the End Semester Examination any number of times. Mark secured for the attendance in the particular semester shall be considered for CIA. For improving the internal assessment the fees will be Rs.400/- per paper (for writing two tests and two assignments) within 20 days of publication of Autonomous Examination Results.

12. Improvement of Marks in Passed Papers

There is a provision for the students to appear for the **passed papers with low marks** such students can **appear for the End Semester Examinations (External only)** in the **immediate subsequent Semester** Examinations only, provided the student is without arrears till that semester. Usual fees per paper will be collected. While filling the Examination application form, student should specify the improvement details separately. **Only one chance per paper will be given.**

13. Revaluation

Students can apply for Transparency, Re-totalling and Re-valuation for any number of papers as per revised norms of the university w.e.f April 2018 Semester Examinations.

14. Instant Examination

Final year UG/PG students with arrear in only one paper (from first to final semester) will be permitted to write the Instant Examination on payment of Rs.900/- for the paper. The Instant Examination will be normally conducted within 15 days after publication of the results. However, Out gone students, Malpractice and Redo Category students are not eligible for instant examination.

15. Ranking: End Semester Examination

1. Five Rank Certificates will be issued for every programme

2. The Bharathidasan University conducts University Rank Examination (URE) for the toppers in every subject. First Rankers of all Autonomous colleges and the top 20 rank holders of the non-autonomous colleges (having passed their examinations in the first appearance within the prescribed duration of the programme; absence from an Examination shall not be taken as an attempt) are eligible to appear for URE.

3. The questions papers of the examinations comprise of objective type questions covering the Core Courses in each of the Programmes generally followed by both autonomous / non-autonomous streams.

4. The top scorers in this University Rank Examination would be declared as University Rank Holders, irrespective of their grades in their respective Semester Examinations.

16. Grading

To award grades to students as per the University norms, when the candidates completes his/ her UG/ PG programmes within the duration of the Course. When a student completes his / her UG/ PG programmes after the fixed duration of the course, the maximum Division will be only First Class with the respective grade. They cannot be considered for award of Distinction/ Outstanding categories.

Once the marks of the CIA and semester examinations for each course are available, they will be added. The marks thus obtained will then be graded.

From the second semester onwards the total performance within a semester and continuous performance starting from the first semester are indicated by Grade Point Average (GPA) and Cumulative Grade Point Average (CGPA).

Grading of the Courses (UG)

Marks Range	Grade Point	Corresponding Grade
90 and above	10	O
80 and above but below 90	9	A+
70 and above but below 80	8	A
60 and above but below 70	7	B+
50 and above but below 60	6	B
40 and above but below 50	5	C
Below 40	0	R.A.

Final Result (UG)

CGPA	Corresponding Grade	Classification of Final Results
9.00 and above	O	Outstanding
8.00 to 8.99	A+	Excellent
7.00 to 7.99	A	Very Good
6.00 to 6.99	B+	Good
5.00 to 5.99	B	Above Average
4.00 to 4.99	C	Average
Below 4.00	R.A.	Re-Appear

Grading of the Courses (PG)

Marks Range	Grade Point	Corresponding Grade
90 and above	10	O
80 and above but below 90	9	A+
70 and above but below 80	8	A
60 and above but below 70	7	B+
50 and above but below 60	6	B
Below 50	N.A.	R.A.

Final Result (PG)

CGPA	Corresponding Grade	Classification of Final Results
9.00 and above	O	Outstanding
8.00 to 8.99	A+	Excellent
7.00 to 7.99	A	Very Good
6.00 to 6.99	B+	Good
5.00 to 5.99	B	Above Average
Below 5.00	R.A.	Re-Appear

Note:

- To award Second Class with B Grade for the M.Phil. Scholars who have completed the Course with more than one attempt/ exceeding the stipulated Course period.

- To award Advanced Diploma in Computer Applications with Arabic students only with a Distinction (D) as Maximum grade category. They can not be considered for any outstanding mode of classification

Subject Code Fixation

The following system is adopted for coding the various papers in the different courses.

Illustration: The Code for UG Course shall be 17U**1**XX**

17	refers to the year of revision
U	refers to Under Graduate
****	refers to Codes for Department
1	refers to Semester 1
LT	refers to Tamil (Part I)
E	refers to English (Part II)
A	refers to Allied Course (Part III)
C	refers to Core Course (Part III)
M	refers to Major Based Elective Course (Part III)
N	refers to Non Major Based Elective Course (Part IV)
S	refers to Skill Based Elective Course (Part IV)
VE	refers to Value Education Course (Part IV)
ES	refers to Environmental Studies Course (Part IV)
EA	refers to Extension Activities (Part V)
GS	refers to Gender Studies (Part V)
CN	refers to Common Paper

17 U** 1A1 P   refers to Practical Papers

EC   refers to Extra Credit Course

P   refers to Post Graduate

CE   refers to Core Based Elective Course

PW   refers to Project Work

Codes for Departments Offering Languages, Allied, Core and Elective Courses in UG Courses and Core and Elective in PG Courses.

S.No.	COURSE	COURSE CODE
1.	Arabic (Allied, Core, Elective)	AR
2.	Bio-Informatics (Core, Elective)	BI
3.	Biotechnology (Allied, Core, Elective)	BT
4.	Botany (Allied, Core, Elective)	BO
5.	Business Administration (Allied, Core, Elective)	BA
6.	Chemistry (Allied, Core, Elective)	CH
7.	Commerce (Allied, Core, Elective)	CO
8.	Computer Applications (Allied, Core, Elective)	CA
9.	Computer Science (Allied, Core, Elective)	CS
10.	Economics (Allied, Core, Elective)	EC
11.	English (Allied, Core, Elective)	EN
12.	Fashion Technology & Costume Designing (Allied, Core, Elective)	FT
13.	French Elective	FR
14.	Hindi Elective	HI
15.	History (Allied, Core, Elective)	HS
16.	Hotel Management & Catering Science (Allied, Core, Elective)	HM
17.	Information Technology (Allied, Core, Elective)	IT
18.	Language English	LE
19.	Language Arabic	LA
20.	Language Hindi	LH
21.	Language French	LF
22.	Language Urdu	LU
23.	Language Basic Tamil / Language Advanced Tamil	LBT / LAT
24.	Language Tamil	LT
25.	Management Studies	MBA
26.	Master of Computer Applications	MCA
27.	Mathematics (Allied, Core, Elective)	MA
28.	Microbiology (Allied, Core, Elective)	MB
29.	Nutrition and Dietetics (Allied, Core, Elective)	ND
30.	Physics (Allied, Core, Elective)	PH
31.	Social Work (Core, Elective)	SW
32	Tamil (Allied, Core, Elective)	TA
33.	Urdu Elective	UR
34.	Visual Communication (Allied, Core, Elective)	VC
35.	Zoology (Allied, Core, Elective)	ZO
36.	Physical Education Elective	PE

M.Phil. REGULATIONS AS PER BHARATHIDASAN UNIVERSITY NORMS (w.e.f 2009-10)

DURATION

The duration of the M.Phil. programme shall be one year consisting of two semesters for the Full - Time programme, and two years for the Part - time programme. The full - time and part - time programmes shall commence from July and August respectively. Final Autonomous Examination shall be conducted in January / February for the Full - time candidates and in April / May for Part - time candidates. The second term Examinations shall be conducted in August / September for the Full - time candidates and April / May for the Part - time candidates.

DISSERTATION

Candidates shall submit the dissertation to the Controller of Examinations through the Supervisor and the Head of the Department not earlier than 5 months but within 6 months from the date of start of the second semester in the case of Full time programme and not earlier than 10 months but within one year from the date of start of the second year, in the case of Part-time programme. If a candidate is not able to submit his / her dissertation within the period stated above, he / she shall be given an extension time of 4 months in the first instance and another 4 months in the second instance with penalty fees. If a candidate does not submit his / her dissertation even after the two extensions, his / her registration shall be treated as cancelled and he / she has to re-register for the programme. However the candidate need not write the theory papers again, if he / she has already passed these courses.

RESTRICTION IN NUMBER OF CHANCES

Full - time Candidates: No candidate shall be permitted to appear for the written Examination in any course more than twice or to re-submit the dissertation or appear for the viva-voce more than twice. Resubmission of a dissertation shall be done with a penalty fee, within 6 months from the first of the month which follows the month in which the result of the first attempt is declared. The permitted attempts of semester-I & II Examinations shall be completed within a maximum period of 36 months from the first of the month which follows the month in which the registration was done.

Part - Time Candidates: No candidate shall be permitted to appear for the written Examination in any course more than twice or to re-submit the dissertation or appear for the viva-voce more than twice. Resubmission of a dissertation shall be done with a penalty fee, within 6 months from the first of the month which follows the month in which the result of the first attempt is declared. The permitted attempts of Part-I & II Examinations shall be completed within a maximum period of 48 months from the first of the month which follows the month in which the registration was done.

RE-REGISTRATION

- The candidates shall be permitted for Re-Registration based on the merit of individual cases.
- While Re-registering the candidates shall pay the fee prescribed for Second semester / year.
- The Re-registered candidates are required to submit the dissertation not earlier than three months and not laterω than one year after the date of re-registration. No further extension of time shall be given.

Note:

1. Supplementary examinations for the theory courses shall be conducted depending upon the nature of the cases.
2. For detailed regulations refer to M.Phil. regulations of Bharathidasan University framed from time to time.

Grievance Redressal Cell:

To deal with matters relating to the redressal of genuine and valid grievances of the students concerning academic and examination related matters and also to suggest corrective measures.

To make a systematic enquiry into any written complaint lodged by any student regarding his / her continuous Internal Assessment or Final examination marks and suggest appropriate corrective actions.

- The students are informed that there will be a Grievance Letter Box in the General Library, Men Office (Aided), Women Office, Canteen (West Gate), Co-operate Society and Dining Halls of Hostels.

- The letter of grievance should contain the name, roll number, class of the student and should be duly signed with date. The letter of grievance may be handed over to the Convenor, in person or dropped in the grievance letter box.

- The Convenor shall collect and number the letters serially, go through the letters and arrange for the redressal of grievance of the students and report the same in the monthly meeting of Grievance Appeal Committee to be convened on the first Monday of every month. The Genuine Grievances will be properly redressed.

Disciplinary Action on Malpractice in the Examinations

1. The Students should not indulge in any form of malpractice during CIA tests and Semester Examinations.

2. The Students will be disqualified from the examination, if he writes examination with Mobile Phone and keeping the same with or without knowledge of the Invigilator.

3. The following punishments will be given to the students, when they indulge in malpractice in CIA tests and Semester Examinations.

   a) Possession of notes, books, bits of any incriminating material but not attempted to copy:- The particular examination paper will be cancelled.

   b) Attempting to copy from the material in possession and accepting the malpractice:- The particular paper and the subsequent papers will be cancelled.

   c) If a candidate repeats the malpractice in the next following semesters also, all the written examinations of the particular semester will be cancelled.

4. For any other type of malpractice, the punishments will be decided by Examinations Disciplinary Committee.

COURSE STRUCTURE FOR UG PROGRAMMES

(Under CBCS w.e.f. 2017-2018)

PART – I   LANGUAGE - TAMIL

SEM	Course Code	Course	Course Title	Ins. Hrs/ Week	Credit	Marks		Total
						CIA	ESE	
I	17U1LT1	Language-I	செய்யுள், சிறுகதை, பயன்பாட்டுத் தமிழ், இலக்கிய வரலாறு	6	3	25	75	100
II	17U2LT2	Language-II	செய்யுள், நாடகம், இலக்கிய வரலாறு, செம்மொழி வரலாறு	6	3	25	75	100
III	17U3LT3	Language-III	செய்யுள், புதினம், மொழிபெயர்ப்பு, கடிதம், கட்டுரை வரைதல், இலக்கிய வரலாறு	6	3	25	75	100
IV	17U4LT4	Language-IV	செய்யுள், கட்டுரை, இணையத்தமிழ், இலக்கிய வரலாறு	6	3	25	75	100
Grand Total				24	12	-	-	400

PART – I   LANGUAGE - ARABIC

SEM	Course Code	Course	Course Title	Ins. Hrs/ Week	Credit	Marks		Total
						CIA	ESE	
I	17U1LA1	Language-I	Basic Arabic I	6	3	25	75	100
II	17U2LA2	Language-II	Basic Arabic II	6	3	25	75	100
III	17U3LA3	Language-III	Prose & Poetry	6	3	25	75	100
IV	17U4LA4	Language-IV	Literary History and Language Skills	6	3	25	75	100
Grand Total				24	12	-	-	400

PART – I   LANGUAGE - FRENCH

SEM	Course Code	Course	Course Title	Ins. Hrs/ Week	Credit	Marks		Total
						CIA	ESE	
I	17U1LF1	Language-I	French for Beginners	6	3	25	75	100
II	17U2LF2	Language-II	French Grammar and composition	6	3	25	75	100
III	17U3LF3	Language-III	French civilization	6	3	25	75	100
IV	17U4LF4	Language-IV	Higher Level French	6	3	25	75	100
Grand Total				24	12	-	-	400

PART – I   LANGUAGE – HINDI

SEM	Course Code	Course	Course Title	Hrs / Week	Credit	Marks		Total
						CIA	ESE	
I	17U1LH1	Language-I	Prose, Short Story and Grammar – 1	6	3	25	75	100
II	17U2LH2	Language-II	Comprehension, One Act Play, Novel and Grammar -2	6	3	25	75	100
III	17U3LH3	Language-III	Poetry and History of Hindi Literature (Bhakthikal only)	6	3	25	75	100
IV	17U4LH4	Language-IV	Functional Hindi and History of Hindi Literature (Adhunik Kal only)	6	3	25	75	100
Grand Total				24	12	-	-	400

PART-I LANGUAGE – URDU

SEM	Course Code	Course	Course Title	Hrs/Week	Credit	CIA	ESE	Total
I	17U1LU1	Language-I	Nasr Aur Quawaid (Prose and Grammar)	6	3	25	75	100
II	17U2LU2	Language-II	Nazm aur Ghazal (Poems)	6	3	25	75	100
III	17U3LU3	Language-III	Afsana Aur Tarjuma (Fiction and Translation)	6	3	25	75	100
IV	17U4LU4	Language-IV	Drama, Asnafe sukhan Aur Khutoot Navesi	6	3	25	75	100
			Grand Total	**24**	**12**	**-**	**-**	**400**

PART – II LANGUAGE – ENGLISH

SEM	Course Code	Course	Course Title	Hrs/Week	Credit	CIA	ESE	Total
I	17UCN1E1	ENGLISH -I	English for Effective Communication – I	6	3	25	75	100
II	17UCN2E2	ENGLISH -II	English for Effective Communication – II	6	3	25	75	100
III	17UCN3E3	ENGLISH -III	Poetry and One-act Plays	6	3	25	75	100
IV	17UCN4E4	ENGLISH -IV	English for Competitive Examinations	6	3	25	75	100
			Grand Total	**24**	**12**	**-**	**-**	**400**

PART - IV NON MAJOR ELECTIVE (III SEMESTER)

Arabic	17UAR3N1	Foundation course in Arabic I
Biotechnology	17UBT3N1	Mushroom Technology
Botany	17UBO3N1	Edible Mushroom Cultivation
Business Administration	17UBA3N1	Management principles
Chemistry	17UCH3N1	Chemistry in Daily Life
Commerce	17UCO3N1	Marketing Practices
Computer Application	17UCA3N1	Office Automation
Computer Science	17UCS3N1	Internet Basics
Economics	17UEC3N1	Elements of Economics
English	17UEN3N1	Remedial English
Fashion Technology & Costume Designing	17UFT3N1P	Hand Embroidery – Practical
French	17UFR3N1	Un printemps a Paris
Hindi	17UHI3N1	Hindi for Beginners
History	17UHS3N1	Indian History for Competitive Examinations-I (upto 1526 A.D.)
Hotel Management & Catering Science	17UHM3N1	Basic Food Production
Information Technology	17UIT3N1	Multimedia Basics
Mathematics	17UMA3N1	Mathematics for Competitive Examinations-I
Microbiology	17UMB3N1	Basic Bioinformatics
Nutrition & Dietetics	17UND3N1	Food and Health
Physical Education	17UPE3N1	Physical Fitness and Health Management
Physics	17UPH3N1	Physics for Home Appliances
Tamil	17ULBT3N1	எழுத்தும் இலக்கியமும் அறிமுகம் - I
	17ULAT3N1	தமிழ் இலக்கியமும் வரலாறும் - I
Urdu	17UUR3N1	Urdu for Beginners
Visual Communication	17UVC3N1P	Pencil Sketching – Practical
Zoology	17UZO3N1	Health Education

PART – IV NON MAJOR ELECTIVE (IV SEMESTER)

Arabic	17UAR4N2	Foundation course in Arabic II
Biotechnology	17UBT4N2	Biofertilizer and Organic Farming
Botany	17UBO4N2	Landscape gardening
Business Administration	17UBA4N2	Banking practices
Chemistry	17UCH4N2	Food and Nutrition
Commerce	17UCO4N2	Banking Practices
Computer Application	17UCA4N2	Principles of Programming
Computer Science	17UCS4N2	Web Design
Economics	17UEC4N2	General Economics
English	17UEN4N2	Developing Leadership Skills
Fashion Technology & Costume Designing	17UFT4N2P	Painting Techniques - Practical
French	17UFR4N2	Aventure en Bourgogne
Hindi	17UHI4N2	Functional Hindi
History	17UHS4N2	Indian History for Competitive Examinations-II (1526 – 1947 A.D.)
Hotel Management & Catering Science	17UHM4N2	Basic Baking
Information Technology	17UIT4N2	Information and communication Technologies
Mathematics	17UMA4N2	Mathematics for Competitive Examinations-II
Microbiology	17UMB4N2	Endocrinology
Nutrition & Dietetics	17UND4N2	Nutrition for the Family
Physical Education	17UPE4N2	Yoga for Healthy Living
Physics	17UPH4N2	Medical Physics
Tamil	17ULBT4N2	எழுத்தும் இலக்கியமும் அறிமுகம் - II
	17ULAT4N2	தமிழ் இலக்கியமும் வரலாறும் - II
Urdu	17UUR4N2	Functional Urdu
Visual Communication	17UVC4N2P	Art from anything – Practical
Zoology	17UZO4N2	Vermiculture Technology

B.A. ARABIC

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs/Week	CREDIT	CIA	ESE	TOTAL
I	17U1LA1	I	Language - I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UAR1C1	III	Core - I	Grammar I	4	4	25	75	100
	17UAR1C2		Core - II	Applied Grammar I	4	3	25	75	100
	17UAR1A1		Allied - I	Seerathul Anbiya I	4	3	25	75	100
	17UAR1A2	III	Allied - II	History of Arabs I	4	3	25	75	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	30	21	-	-	700
II	17U2LA2	I	Language - II		6	3	25	75	100
	17UCN2E2	II	English - II		6	3	25	75	100
	17UAR2C3		Core - III	Grammar II	5	4	25	75	100
	17UAR2C4	III	Core - IV	Applied Grammar II	4	3	25	75	100
	17UAR2A3		Allied - III	Seerathul Anbiya II	4	3	25	75	100
	17UAR2A4		Allied - IV	History of Arabic Literature I	3	2	25	75	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	30	20	-	-	700
III	17U3LA3	I	Language - III		6	3	25	75	100
	17UCN3E3	II	English - III		6	3	25	75	100
	17UAR3C5		Core - V	Grammar III	4	4	25	75	100
	17UAR3C6	III	Core - VI	Applied Grammar III	3	2	25	75	100
	17UAR3A5		Allied - V	Seerathul Anbiya III	4	3	25	75	100
	17UAR3A6		Allied - VI	History of Arabs II	3	2	25	75	100
	17UAR3N1	IV	Non Major Elective – I#		2	2	-	100	100
	17UCN3S1		Skill Based Elective – I@	Soft Skills Development	2	2	-	100	100
				TOTAL	30	21	-	-	800
IV	17U4LA4	I	Language - IV		6	3	25	75	100
	17UCN4E4	II	English - IV		6	3	25	75	100
	17UAR4C7		Core - VII	Grammar IV	4	4	25	75	100
	17UAR4C8	III	Core - VIII	Classical Prose I	4	3	25	75	100
	17UAR4A7		Allied - VII	Seerathul Anbiya IV	4	3	25	75	100
	17UAR4A8		Allied - VIII	History of Arabic Literature II	4	2	25	75	100
	17UAR4N2	IV	Non Major Elective – II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC,NSS,etc.	-	1	-	-	-
				TOTAL	30	21	-	-	700
V	17UAR5C9		Core - IX	Modern Prose	6	5	25	75	100
	17UAR5C10		Core - X	Grammar V	5	5	25	75	100
	17UAR5C11	III	Core - XI	Rhetoric I	5	5	25	75	100
	17UAR5C12		Core - XII	Classical Poetry	5	5	25	75	100
	17UAR5M1A/B P		Major Based Elective- I**		5	4	20	80	100
	17UAR5S2A/B	IV	Skill Based Elective –II@		2	2	-	100	100
	17UAR5S3A/B		Skill Based Elective-III@		2	2	-	100	100
	17UAR5EC1		Extra Credit - I	Functional Arabic I	-	4*	-	100*	100*
				TOTAL	30	28	-	-	700
VI	17UAR6C13		Core - XIII	Grammar VI	5	5	25	75	100
	17UAR6C14		Core - XIV	Rhetoric II	5	5	25	75	100
	17UAR6C15	III	Core - XV	Modern Poetry	5	5	25	75	100
	17UAR6C16		Core - XVI	Classical Prose II	5	5	25	75	100
	17UAR6M2A/B		Major Based Elective II**		5	4	25	75	100
	17UAR6M3A/B P		Major Based Elective III**		4	4	20	80	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UAR6EC2		Extra Credit - II	Functional Arabic II	-	4*	-	100*	100*
				TOTAL	30	29	-	-	700
				GRAND TOTAL	180	140	-	-	4300

* - Not considered for Grand Total and CGPA

- Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
III	17UCN3S1	Soft Skills Development
V	17UAR5S2A	Essays in Arabic
	17UAR5S2B	Communication Skills in Arabic
V	17UAR5S3A	Computer Literacy with Arabic
	17UAR5S3B	Documents Preparation in Arabic

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UAR5M1AP	Type Writing in Arabic - Practical
	17UAR5M1BP	Conjugation of Arabic Verbs
VI	17UAR6M2A	Translation Skills in Arabic
	17UAR6M2B	Commercial Arabic
VI	17UAR6M3AP	Data Entry in Arabic
	17UAR6M3BP	Computer Terminology in Arabic

ADDITIONAL COURSE FOR GETTING AALIM SANAD

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	ESE	TOTAL
I	17IAS1C1	III	Core - I	Tajweedul Quran	6	4	25	75	100
	17IAS1C2	III	Core - II	Urdu - I	6	4	25	75	100
				TOTAL	12	8	50	150	200
II	17IAS2C3	III	Core - III	Arabic Reader	6	4	25	75	100
	17IAS2C4	III	Core - IV	Urdu - II	6	4	25	75	100
				TOTAL	12	8	50	150	200
III	17IAS3C5	III	Core - V	Tafseer - I	6	4	25	75	100
	17IAS3C6	III	Core - VI	Fiqh - I	6	4	25	75	100
				TOTAL	12	8	50	150	200
IV	17IAS4C7	III	Core - VII	Hadith - I	6	4	25	75	100
	17IAS4C8	III	Core - VIII	Fiqh - II	6	4	25	75	100
				TOTAL	12	8	50	150	200
V	17IAS5C9	III	Core - IX	Tafseer -II	6	4	25	75	100
	17IAS5C10	III	Core - X	Fiqh - III	6	4	25	75	100
				TOTAL	12	8	50	150	200
VI	17IAS6C11	III	Core - XI	Thareekhul Islam	6	4	25	75	100
	17IAS6C12	III	Core - XII	Hadith - II	6	4	25	75	100
				TOTAL	12	8	50	150	200
VII	17IAS7C13	III	Core - XIII	Tafseer - III	6	4	25	75	100
	17IAS7C14	III	Core - XIV	Usool ul Hadith	6	4	25	75	100
				TOTAL	12	8	50	150	200
VIII	17IAS8C15	III	Core - XV	Ilmul Faraaid	6	4	25	75	100
	17IAS8C16	III	Core - XVI	Usool ul Fiqh	6	4	25	75	100
				TOTAL	12	8	50	150	200
IX	17IAS9C17	III	Core - XVII	Usool ut Tafseer	6	4	25	75	100
	17IAS9C18	III	Core - XVIII	Fiqh - IV	6	4	25	75	100
				TOTAL	12	8	50	150	200
X	17IAS10C19	III	Core - XIX	Hadith - III	6	4	25	75	100
	17IAS10C20	III	Core - XX	Tareekh ul Madhahib	6	4	25	75	100
				TOTAL	12	8	50	150	200
				GRAND TOTAL	120	80	500	1500	2000

B.A ENGLISH

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UEN1C1	III	Core – I	Prose	4	4	25	75	100
	17UEN1C2		Core – II	Short Stories	4	3	25	75	100
	17UEN1A1		Allied –I	Social History of England – I	4	3	25	75	100
	17UEN1A2		Allied –II	History of English Literature – I	4	3	25	75	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	**30**	**21**			**700**
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UEN2C3	III	Core – III	Poetry – I	5	4	25	75	100
	17UEN2C4		Core – IV	Fiction – I	4	3	25	75	100
	17UEN2A3		Allied – III	Social History of England – II	4	3	25	75	100
	17UEN2A4		Allied –IV	History of English Literature – II	3	2	25	75	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	**30**	**20**			**700**
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UEN3C5		Core– V	Modern Prose	4	4	25	75	100
	17UEN3C6	III	Core– VI	Fiction – II	3	2	25	75	100
	17UEN3A5		Allied– V	Literary Forms	4	3	25	75	100
	17UEN3A6	III	Allied–VI	Grammar and Usage	3	2	25	75	100
	17UEN3N1	IV	Non Major Elective I #		2	2	-	100	100
	17UCN3S1		Skill Based Elective-I @	Soft Skills Development	2	2	-	100	100
				TOTAL	**30**	**21**			**800**
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UEN4C7		Core– VII	Poetry – II	4	4	25	75	100
	17UEN4C8	III	Core - VIII	Rabindranath Tagore : An Indepth Study	4	3	25	75	100
	17UEN4A7		Allied– VII	Language and Linguistics	4	3	25	75	100
	17UEN4A8		Allied–VIII	Journalism	4	2	25	75	100
	17UEN4N2	IV	Non Major Elective – II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	17UEN5C9		Core – IX	Drama – I	6	5	25	75	100
	17UEN5C10		Core – X	Literary Criticism – I	5	5	25	75	100
	17UEN5C11	III	Core – XI	Indian Writing in English	5	5	25	75	100
	17UEN5C12		Core - XII	History of English Language & Phonetics	5	5	25	75	100
	17UEN5M1A/B		Major Based Elective-I**		5	4	25	75	100
	17UEN5S2A/B	IV	Skill Based Elective-II@		2	2	-	100	100
	17UEN5S3A/B		Skill Based Elective–III@		2	2	-	100	100
	17UEN5EC1		Extra Credit - I	Creative Writing Skills	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	17UEN6C13		Core– XIII	Literary Criticism – II	5	5	25	75	100
	17UEN6C14		Core– XIV	Drama – II	5	5	25	75	100
	17UEN6C15	III	Core - XV	American Literature	5	5	25	75	100
	17UEN6C16		Core - XVI	Shakespeare	5	5	25	75	100
	17UEN6M2A/B		Major Based Elective–II**		5	4	25	75	100
	17UEN6M3A/B		Major Based Elective-III**		4	4	25	75	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UEN6EC2		Extra Credit - II	Public Speaking Skills	-	4*	--	100*	100*
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**	**-**	**-**	**4300**

* - Not considered for Grand Total and CGPA

\# - Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UEN5S2A	Personality Development
	17UEN5S2B	English for Mass Communication
V	17UEN5S3A	Functional English
	17UEN5S3B	English for Business

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UEN5M1A	English Language Teaching
	17UEN5M1B	Eco-studies and Poetry
VI	17UEN6M2A	Common Wealth Literature
	17UEN6M2B	Children's Literature
VI	17UEN6M3A	Classics in Translation
	17UEN6M3B	Translation Theory and Practice

B.Litt. TAMIL

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17U1LT1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UTA1C1	III	Core – I	கவிதை இலக்கியம்	4	4	25	75	100
	17UTA1C2		Core – II	உரைநடை இலக்கியம்	4	3	25	75	100
	17UTA1A1		Allied –I	தமிழக வரலாறும் பண்பாடும்	4	3	25	75	100
	17UTA1A2		Allied –II	திரைப்படக்கலை	4	3	25	75	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	30	21			700
II	17U2LT2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UTA2C3	III	Core – III	நன்னூல் - எழுத்ததிகாரம்	5	4	25	75	100
	17UTA2C4		Core – IV	இடைக்கால இலக்கியம்	4	3	25	75	100
	17UTA2A3		Allied – III	நாட்டுப்புறவியல் - அறிமுகம்	4	3	25	75	100
	17UTA2A4		Allied –IV	இதழியல் கலை	3	2	25	75	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	30	20			700
III	17U3LT3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UTA3C5	III	Core– V	நன்னூல் - சொல்லதிகாரம்	4	4	25	75	100
	17UTA3C6		Core– VI	இலக்கியத் திறனாய்வு	3	2	25	75	100
	17UTA3A5		Allied– V	நேர்முகத் தேர்வுக்கலை	4	3	25	75	100
	17UTA3A6	III	Allied–VI	மொழிவரலாறு	3	2	25	75	100
	17ULBT3N1 / 17ULAT3N1	IV	Non Major Elective-I#		2	2	-	100	100
	17UCN3S1		Skill Based Elective-I@	Soft Skills Development	2	2	-	100	100
				TOTAL	30	21			800
IV	17U4LT4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UTA4C7		Core– VII	தொல்காப்பியம் - எழுத்ததிகாரம்	4	4	25	75	100
	17UTA4C8	III	Core - VIII	யாப்பும் அணியும்	4	3	25	75	100
	17UTA4A7		Allied– VII	சிற்றிலக்கியங்கள்	4	3	25	75	100
	17UTA4A8		Allied–VIII	தமிழ்க் கற்பிக்கும் நெறிகள்	4	2	25	75	100
	17ULBT4N2 / 17ULAT4N2	IV	Non Major Elective-II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	30	21			700
V	17UTA5C9		Core – IX	தொல்காப்பியம் - சொல்லதிகாரம்	6	5	25	75	100
	17UTA5C10		Core – X	அகப்பொருளும் புறப்பொருளும்	5	5	25	75	100
	17UTA5C11	III	Core – XI	காப்பியங்கள்	5	5	25	75	100
	17UTA5C12		Core - XII	புனைகதையும் நாடகமும்	5	5	25	75	100
	17UTA5M1A/B		Major Based Elective-I**		5	4	25	75	100
	17UTA5S2A/B	IV	Skill Based Elective-II@		2	2	-	100	100
	17UTA5S3A/B		Skill Based Elective–III@		2	2	-	100	100
	17UTA5EC1		Extra Credit - I	பெண்ணியம்	-	4*	--	100*	100*
				TOTAL	30	28			700
VI	17UTA6C13		Core– XIII	தொல்காப்பியம்-பொருளதிகாரம்	5	5	25	75	100
	17UTA6C14		Core– XIV	தமிழின் செம்மொழிப் பண்புகள்	5	5	25	75	100
	17UTA6C15	III	Core - XV	சங்க இலக்கியம்	5	5	25	75	100
	17UTA6C16		Core - XVI	அற இலக்கியம்	5	5	25	75	100
	17UTA6M2A/B		Major Based Elective-II**		5	4	25	75	100
	17UTA6M3A/B		Major Based Elective-III**		4	4	25	75	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UTA6EC2		Extra Credit - II	இலக்கியத்தில் மனித உரிமைகள்	-	4*	--	100*	100*
				TOTAL	30	29			700
				GRAND TOTAL	180	140	-	-	4300

* - Not considered for Grand Total and CGPA

\# - Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	Course Code	Course Title
V	17UTA5S2A	கணினியும் இணையத்தமிழும்
	17UTA5S2B	நுண்கலைத் திறன்கள்
	17UTA5S3A	தொல்லியல் - அறிமுகம்
	17UTA5S3B	மொழிபெயர்ப்பியல்- ஓர் அறிமுகம்

** Major Based Electives

SEMESTER	Course Code	Course Title
V	17UTA5M1A	இஸ்லாமியத் தமிழ் இலக்கியம்
	17UTA5M1B	பேச்சுக்கலை
VI	17UTA6M2A	உமறுப்புலவர்
	17UTA6M2B	விளம்பரக்கலை
	17UTA6M3A	அரசுப் பணித் தேர்வுத்தமிழ்
	17UTA6M3B	தேசியமும் தமிழும்

B.B.A.

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs /Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UBA1C1	III	Core – I	Principles of Management	4	4	25	75	100
	17UBA1C2		Core – II	Financial Accounting	4	3	25	75	100
	17UBA1A1		Allied –I	Economics for Managers	4	3	25	75	100
	17UBA1A2		Allied –II	Business Environment	4	3	25	75	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	**30**	**21**			**700**
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UBA2C3	III	Core – III	Marketing Management	5	4	25	75	100
	17UBA2C4		Core – IV	Managerial Communication	4	3	25	75	100
	17UBA2A3		Allied – III	Business Mathematics and Statistics	4	3	25	75	100
	17UBA2A4P		Allied –IV	MS – Office Management - Practical	3	2	20	80	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	**30**	**20**			**700**
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UBA3C5	III	Core– V	Business Accounting	4	4	25	75	100
	17UBA3C6		Core– VI	Business Laws	3	2	25	75	100
	17UBA3A5		Allied– V	Services Marketing	4	3	25	75	100
	17UBA3A6P	III	Allied–VI	Tally For Business-Practical	3	2	20	80	100
	17UBA3N1	IV	Non Major Elective – I#		2	2	-	100	100
	17UCN3S1		Skill Based Elective - I @	Soft Skills Development	2	2	-	100	100
				TOTAL	**30**	**21**			**800**
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UBA4C7	III	Core– VII	Production Management	4	4	25	75	100
	17UBA4C8		Core - VIII	Organisational Behaviour	4	3	25	75	100
	17UBA4A7		Allied– VII	Introduction to Operations Research	4	3	25	75	100
	17UBA4A8		Allied–VIII	Cost Accounting	4	2	25	75	100
	17UBA4N2	IV	Non Major Elective – II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	17UBA5C9		Core – IX	Accounting for Managers	6	5	25	75	100
	17UBA5C10	III	Core – X	International Business	5	5	25	75	100
	17UBA5C11		Core – XI	Entrepreneurial Development	5	5	25	75	100
	17UBA5C12		Core - XII	Management Information System	5	5	25	75	100
	17UBA5M1 A/B		Major Based Elective – I**		5	4	25	75	100
	17UBA5S2 A/B	IV	Skill Based Elective - II@		2	2	-	100	100
	17UBA5S3 A/B		Skill Based Elective–III @		2	2	-	100	100
	17UBA5EC1		Extra Credit - I	Summer Internship	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	17UBA6C13		Core– XIII	Financial Management	5	5	25	75	100
	17UBA6C14		Core– XIV	Strategic Management	5	5	25	75	100
	17UBA6C15	III	Core - XV	Human Resource Management	5	5	25	75	100
	17UBA6C16		Core XVI	Company Law	5	5	25	75	100
	17UBA6M2 A/B		Major Based Elective–II**		5	4	25	75	100
	17UBA6M3 A/B		Major Based Elective- III**		4	4	25	75	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UBA6EC2		Extra Credit - II	Mini Project	-	4*	--	100*	100*
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**	**-**	**-**	**4300**

* - Not considered for Grand Total and CGPA

\# - Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester
II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
III	17UCN3S1	Soft Skills Development
V	17UBA5S2A	Business Case Analysis
	17UBA5S2B	Banking Practices
	17UBA5S3A	Aptitude test
	17UBA5S3B	Salesmanship

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UBA5M1A	Consumer Behaviour
	17UBA5M1B	Company Accounts
VI	17UBA6M2A	Advertising and Sales Promotion
	17UBA6M2B	Financial Services
	17UBA6M3A	Retail Marketing
	17UBA6M3B	Stock Market Practices

B.Com.

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	CIA	ESE	TOTAL
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UCO1C1	III	Core – I	Principles of Accountancy	4	4	25	75	100
	17UCO1C2		Core – II	Business Organisation	4	3	25	75	100
	17UCO1A1		Allied –I	Business Economics	4	3	25	75	100
	17UCO1A2		Allied –II	Modern Marketing	4	3	25	75	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	**30**	**21**			**700**
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UCO2C3	III	Core – III	Financial Accounting	5	4	25	75	100
	17UCO2C4		Core – IV	Business Management	4	3	25	75	100
	17UCO2A3		Allied – III	Business Statistics and Mathematics	4	3	25	75	100
	17UCO2A4		Allied –IV	Principles of Insurance	3	2	25	75	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	**30**	**20**			**700**
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UCO3C5	III	Core– V	Business Accounting	4	4	25	75	100
	17UCO3C6		Core– VI	Banking Law and Practice	3	2	25	75	100
	17UCO3A5		Allied– V	Business Environment	4	3	25	75	100
	17UCO3A6P		Allied–VI	Computer Applications in Business – Practical	3	2	20	80	100
	17UCO3N1	IV	Non Major Elective – I#		2	2	-	100	100
	17UCN3S1		Skill Based Elective – I@	Soft Skills Development	2	2	-	100	100
				TOTAL	**30**	**21**			**800**
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UCO4C7	III	Core– VII	Advanced Accounts	4	4	25	75	100
	17UCO4C8		Core - VIII	Cost Accounting	4	3	25	75	100
	17UCO4A7		Allied– VII	Entrepreneurial Development	4	3	25	75	100
	17UCO4A8		Allied–VIII	Commercial Correspondence	4	2	25	75	100
	17UCO4N2	IV	Non Major Elective – II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	17UCO5C9	III	Core – IX	Corporate Accounting	6	5	25	75	100
	17UCO5C10		Core – X	Personnel Management	5	5	25	75	100
	17UCO5C11		Core – XI	Legal Aspects of Business	5	5	25	75	100
	17UCO5C12		Core - XII	Income Tax Law and Practice	5	5	25	75	100
	17UCO5M1A/B		Major Based Elective-I**		5	4	25	75	100
	17UCO5S2A/B	IV	Skill Based Elective II@		2	2	-	100	100
	17UCO5S3A/B		Skill Based Elective-III@		2	2	-	100	100
	17UCO5EC1		Extra Credit - I	Internship Programme	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	17UCO6C13	III	Core– XIII	Financial Management	5	5	25	75	100
	17UCO6C14		Core– XIV	Management Accounting	5	5	25	75	100
	17UCO6C15		Core - XV	Company Law	5	5	25	75	100
	17UCO6C16		Core - XVI	Practical Auditing	5	5	25	75	100
	17UCO6M2A/B		Major Based Elective-II**		5	4	25	75	100
	17UCO6M3A/B		Major Based Elective-III**		4	4	25	75	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UCO6EC2		Extra Credit - II	Principles and Practice of Co-operation	-	4*	--	100*	100*
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**	**-**	**-**	**4300**

* - Not considered for Grand Total and CGPA

\# - Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UCO5S2A	Introduction to Competitive Examinations
	17UCO5S2B	Tourism and Travel Agency
V	17UCO5S3A	E-Commerce
	17UCO5S3B	Introduction to Office Management

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UCO5M1A	Advertising and Salesmanship
	17UCO5M1B	Corporate Finance
VI	17UCO6M2A	Services Marketing
	17UCO6M2B	Financial Services
VI	17UCO6M3A	Retail Marketing
	17UCO6M3B	Stock Market Practices

B.A. ECONOMICS

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UEC1C1	III	Core – I	Indian Economic Development - I	4	4	25	75	100
	17UEC1C2		Core – II	Micro Economics - I	4	3	25	75	100
	17UEC1A1		Allied –I	Economic Statistics - I	4	3	25	75	100
	17UEC1A2		Allied –II	Marketing	4	3	25	75	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	**30**	**21**			**700**
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UEC2C3	III	Core – III	Indian Economic Development - II	5	4	25	75	100
	17UEC2C4		Core – IV	Micro Economics - II	4	3	25	75	100
	17UEC2A3		Allied – III	Economic Statistics - II	4	3	25	75	100
	17UEC2A4		Allied –IV	Human Resource Management	3	2	25	75	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	**30**	**20**			**700**
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UEC3C5	III	Core– V	Micro Economics - III	4	4	25	75	100
	17UEC3C6		Core– VI	Industrial Economics	3	2	25	75	100
	17UEC3A5		Allied– V	Mathematics for Economics	4	3	25	75	100
	17UEC3A6P	III	Allied–VI	Computer applications in Economics – Practical	3	2	20	80	100
	17UEC3N1	IV	Non Major Elective I #		2	2	-	100	100
	17UCN3S1		Skill Based Elective-I@	Soft Skills Development	2	2	-	100	100
				TOTAL	**30**	**21**			**800**
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UEC4C7	III	Core– VII	Monetary Economics	4	4	25	75	100
	17UEC4C8		Core - VIII	Economic Systems	4	3	25	75	100
	17UEC4A7		Allied– VII	Financial Economics	4	3	25	75	100
	17UEC4A8		Allied–VIII	Managerial Economics	4	2	25	75	100
	17UEC4N2	IV	Non Major Elective – II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	17UEC5C9		Core – IX	History of Economic Thought	6	5	25	75	100
	17UEC5C10		Core – X	Macro Economics - I	5	5	25	75	100
	17UEC5C11	III	Core – XI	International Economics - I	5	5	25	75	100
	17UEC5C12		Core - XII	Fiscal Economics - I	5	5	25	75	100
	17UEC5M1A/B		Major Based Elective-I**		5	4	25	75	100
	17UEC5S2A/B	IV	Skill Based Elective II @		2	2	-	100	100
	17UEC5S3A/B P		Skill Based Elective-III@		2	2	-	100	100
	17UEC5EC1		Extra Credit - I	Agricultural Economics	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	17UEC6C13		Core– XIII	Macro Economics - II	5	5	25	75	100
	17UEC6C14		Core– XIV	International Economics - II	5	5	25	75	100
	17UEC6C15		Core - XV	Fiscal Economics - II	5	5	25	75	100
	17UEC6C16	III	Core- XVI	Economics of Growth and Development	5	5	25	75	100
	17UEC6M2A/B		Major Based Elective-II**		5	4	25	75	100
	17UEC6M3A/B		Major Based Elective-III**		4	4	25	75	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UEC6EC2		Extra Credit - II	Economics for competitive Examinations	-	4*	--	100*	100*
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**	**-**	**-**	**4300**

* - Not considered for Grand Total and CGPA

- Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UEC5S2A	EXIM Management
	17UEC5S2B	Principles of Insurance
	17UEC5S3AP	Accounting Packages – Practical
	17UEC5S3BP	Web Designing – Practical

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UEC5M1A	Entrepreneurial Development
	17UEC5M1B	Banking Theory Law and Practice
VI	17UEC6M2A	Econometrics
	17UEC6M2B	Principles of Commerce
	17UEC6M3A	Environmental Economics
	17UEC6M3B	Rural Banking

B.A. HISTORY

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	CIA	ESE	TOTAL
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UHS1C1		Core – I	History of India upto 1206 A.D.	4	4	25	75	100
	17UHS1C2	III	Core – II	History of Tamil Nadu upto 1800 A.D.	4	3	25	75	100
	17UHS1A1		Allied –I	Outlines of Political Theory	4	3	25	75	100
	17UHS1A2		Allied –II	An Introduction to Human Rights	4	3	25	75	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	**30**	**21**			**700**
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UHS2C3	III	Core – III	History of India from 1206 to 1757 A.D.	5	4	25	75	100
	17UHS2C4		Core – IV	History of Tamil Nadu from 1801 to1987 A.D.	4	3	25	75	100
	17UHS2A3		Allied – III	Modern Governments (Excluding India)	4	3	25	75	100
	17UHS2A4		Allied –IV	Journalism	3	2	25	75	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	**30**	**20**			**700**
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UHS3C5		Core– V	History of India from 1757 to 1947 A.D.	4	4	25	75	100
	17UHS3C6	III	Core– VI	Modern History of China and Japan	3	2	25	75	100
	17UHS3A5		Allied– V	Introduction to Tourism	4	3	25	75	100
	17UHS3A6	III	Allied–VI	Public Administration	3	2	25	75	100
	17UHS3N1	IV	Non Major Elective – I#		2	2	-	100	100
	17UCN3S1		Skill Based Elective-I@	Soft Skills Development	2	2	-	100	100
				TOTAL	**30**	**21**			**800**
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UHS4C7		Core– VII	Makers of Modern India	4	4	25	75	100
	17UHS4C8	III	Core - VIII	History of World Religions	4	3	25	75	100
	17UHS4A7		Allied– VII	Archaeology	4	3	25	75	100
	17UHS4A8		Allied–VIII	Panchayat Raj	4	2	25	75	100
	17UHS4N2	IV	Non Major Elective–II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	17UHS5C9		Core – IX	Contemporary India	6	5	25	75	100
	17UHS5C10		Core – X	History of the Arabs upto 1258 A.D.	5	5	25	75	100
	17UHS5C11	III	Core – XI	History of Ancient Civilizations	5	5	25	75	100
	17UHS5C12		Core - XII	History of Europe from 1453 to 1789 A.D.	5	5	25	75	100
	17UHS5M1A/B		Major Based Elective-I**		5	4	25	75	100
	17UHS5S2A/B	IV	Skill Based Elective-II@		2	2	-	100	100
	17UHS5S3A/B		Skill Based Elective-III@		2	2	-	100	100
	17UHS5EC1		Extra Credit - I	Art and Iconography in India	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	17UHS6C13		Core– XIII	History of Europe from 1789 to 1945 A.D.	5	5	25	75	100
	17UHS6C14		Core– XIV	History of U.S.A from 1865 to 1964 A.D.	5	5	25	75	100
	17UHS6C15	III	Core - XV	History of England from 1688 to 1945 A.D.	5	5	25	75	100
	17UHS6C16		Core - XVI	History of Science and Technology	5	5	25	75	100
	17UHS6M2A/B		Major Based Elective-II**		5	4	25	75	100
	17UHS6M3A/B		Major Based Elective-III**		4	4	25	75	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UHS6EC2		Extra Credit - II	Cultural and Heritage Centres in Tiruchirappalli	-	4*	--	100*	100*
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**	**-**	**-**	**4300**

* - Not considered for Grand Total and CGPA

- Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UHS5S2A	Indian Epigraphy
	17UHS5S2B	Eco Tourism
	17UHS5S3A	Tourism Products of South India
	17UHS5S3B	Archives Keeping

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UHS5M1A	Constitutional History of India
	17UHS5M1B	Cultural Tourism in India
VI	17UHS6M2A	An Introduction to Sociology
	17UHS6M2B	Methods of Teaching History
	17UHS6M3A	Introduction to Museology
	17UHS6M3B	Computer Application in History

B.Sc. BIOTECHNOLOGY

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	CIA	ESE	TOTAL
							MARKS		
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language - I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UBT1C1	III	Core – I	Cell Biology	5	5	25	75	100
	17UBT1C2P		Core –II	Cell Biology - Practical	3	2	20	80	100
	17UBT1A1		Allied –I	Plant Diversity	5	3	25	75	100
	17UBT1A2P	III	Allied – II	Plant Diversity - Practical	3	2	20	80	100
	17UCN1VE	IV	Value Education		2	2	--	100	100
				TOTAL	30	21	--	--	700
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language -II		6	3	25	75	100
	17UCN2E2	II	English - II		6	3	25	75	100
	17UBT2C3	III	Core – III	Principles of Genetics and Molecular Biology	6	5	25	75	100
	17UBT2C4P		Core – IV	Principles of Genetics and Molecular Biology - Practical	3	2	20	80	100
	17UBT2A3		Allied –III	Biophysics and Biochemistry	4	3	25	75	100
	17UBT2A4P		Allied – IV	Biophysics and Biochemistry-Practical	3	2	20	80	100
	17UCN2ES	IV	Environmental Studies		2	2	--	100	100
				TOTAL	30	20			700
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language - III		6	3	25	75	100
	17UCN3E3	II	English –III		6	3	25	75	100
	17UBT3C5	III	Core – V	Bioinstrumentation	4	4	25	75	100
	17UBT3C6		Core – VI	Animal Diversity	3	2	25	75	100
	17UBT3A5		Allied – V	Microbiology	4	4	25	75	100
	17UBT3A6P	III	Allied – VI	Microbiology-Practical	3	2	20	80	100
	17UBT2N1	IV	Non Major Elective – I#		2	2	--	100	100
	17UCN3S1		Skill Based Elective – I@	Soft Skills Development	2	2	--	100	100
				TOTAL	30	21			800
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language - IV		6	3	25	75	100
	17UCN4E4	II	English –I V		6	3	25	75	100
	17UBT4C7	III	Core– VII	Recombinant DNA Technology	5	5	25	75	100
	17UBT4C8P		Core – VIII	Recombinant DNA Technology-Practical	3	2	20	80	100
	17UBT4A7		Allied–VII	Immunology	5	3	25	75	100
	17UBT4A8P		Allied– VIII	Immunology- Practical	3	2	20	80	100
	17UBT4N2	IV	Non Major Elective – II#		2	2	--	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.,	-	1	-	-	-
				TOTAL	30	21			700
V	17UBT5C9	III	Core – IX	Plant Biotechnology	6	5	25	75	100
	17UBT5C10		Core –X	Animal Biotechnology	5	5	25	75	100
	17UBT5C11		Core –XI	Environmental Biotechnology	5	5	25	75	100
	17UBT5C12P		Core –XII	Plant Biotechnology, Animal Biotechnology and Environmental Biotechnology - Practical	5	5	20	80	100
	17UBT5M1A/B		Major Based Elective – I**		5	4	25	75	100
	17UBT5S2A/B	IV	Skill Based Elective – II@		2	2	--	100	100
	17UBT5S3A/B		Skill Based Elective – III@		2	2	--	100	100
	17UBT5EC1	V	Extra Credit - I	Ethnobotany and Herbal Medicine	-	4*	--	100*	100*
				TOTAL	30	28			700
VI	17UBT6C13	III	Core –XIII	Bioprocess Technology	5	5	25	75	100
	17UBT6C14		Core –XIV	Developmental Biology and Human Physiology	5	5	25	75	100
	17UBT6C15		Core – XV	Bioinformatics	5	5	25	75	100
	17UBT6C16P		Core – XVI	Bioprocess Technology, Developmental Biology and Human Physiology, Bioinformatics-Practical	5	5	20	80	100
	17UBT6M2A/B		Major Based Elective-II**		5	4	25	75	100
	17UBT6M3A/B		Major Based Elective-III**		4	4	25	75	100
	17UCN6GS	V	Gender Studies		1	1	--	100	100
	17UBT6EC2		Extra Credit - II	Marine Ecology and Biodiversity Conservation	-	4*	--	100*	100*
				TOTAL	30	29			700
				GRAND TOTAL	180	140			4300

* - Not considered for Grand Total and CGPA

\# - Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UBT5S2A	Biostatistics and Computer Applications in Biology
	17UBT5S2B	Forensic Science
	17UFT5S3A	Textile Science
	17UFT5S3B	Textile Dyeing

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UBT5M1A	Pharmacognosy and Pharmacology
	17UBT5M1B	Genomics and Proteomics
VI	17UBT6M2A	Cancer and Stem Cell Biology
	17UBT6M2B	Food Biotechnology
	17UBT6M3A	IPR, Biosafety and Bioethics
	17UBT6M3B	Analytical Techniques in Biotechnology

B.Sc. BOTANY

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	CIA	ESE	TOTAL
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UBO1C1		Core – I	Plant diversity (Algae, Fungi and Archegoniate)	5	5	25	75	100
	17UBO1C2P	III	Core – II	Laboratory Course for Core -I	3	2	20	80	100
	17UCH1A1:2		Allied – I	Inorganic, Organic and Physical Chemistry - I	5	4	25	75	100
	17UCH1A2P		Allied –II	Volumetric Analysis – Practical	3	2	20	80	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	**30**	**21**			**700**
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UBO2C3	III	Core – III	Plant Anatomy and Embryology	6	5	25	75	100
	17UBO2C4P		Core – IV	Laboratory Course for Core - III	3	2	20	80	100
	17UCH2A3:2		Allied – III	Inorganic, Organic and Physical Chemistry - II	4	3	25	75	100
	17UCH2A4P		Allied –IV	Organic Analysis – Practical	3	2	20	80	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	**30**	**20**			**700**
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UBO3C5		Core– V	Cytology, Genetics and Evolution	4	4	25	75	100
	17UBO3C6P	III	Core– VI	Laboratory Course for Core - V	3	2	20	80	100
	17UZO3A5		Allied– V	Animal Structure and Function	4	3	25	75	100
	17UZO3A6P	III	Allied–VI	Invertebrata and Chordata – Practical	3	2	20	80	100
	17UBO3N1	IV	Non Major Elective-I #		2	2	-	100	100
	17UCN3S1		Skill Based Elective-I @	Soft Skills Development	2	2	-	100	100
				TOTAL	**30**	**21**			**800**
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UBO4C7		Core– VII	Plant Molecular Biology	5	5	25	75	100
	17UBO4C8P	III	Core - VIII	Laboratory Course for Core - VII	3	2	20	80	100
	17UZO4A7		Allied– VII	Commercial Zoology	5	3	25	75	100
	17UZO4A8P		Allied–VIII	Commercial Zoology - Practical	3	2	20	80	100
	17UBO4N2	IV	Non Major Elective-II #		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	17UBO5C9		Core – IX	Biochemistry and Biophysics	6	5	25	75	100
	17UBO5C10		Core – X	Plant Systematics and Economic Botany	5	5	25	75	100
	17UBO5C11	III	Core – XI	Plant Physiology	5	5	25	75	100
	17UBO5C12P		Core - XII	Laboratory Course for Core IX, X & XI	5	5	20	80	100
	17UBO5M1 A/B		Major Based Elective-I **		5	4	25	75	100
	17UBO5S2 A/B	IV	Skill Based Elective II @		2	2	-	100	100
	17UBO5S3 A/B		Skill Based Elective-III @		2	2	-	100	100
	17UBO5EC1		Extra Credit – I	Medicinal Botany	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	17UBO6C13		Core– XIII	Microbiology and Plant Pathology	5	5	25	75	100
	17UBO6C14		Core– XIV	Plant Biotechnology	5	5	25	75	100
	17UBO6C15	III	Core - XV	Plant Ecology and Phytogeography	5	5	25	75	100
	17UBO6C16P		Core XVI	Laboratory Course for Core XIII, XIV & XV	5	5	20	80	100
	17UBO6M2 A/B		Major Based Elective II**		5	4	25	75	100
	17UBO6M3 A/B		Major Based Elective III**		4	4	25	75	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UBO6EC2		Extra Credit Course-II	Wood science and Technology	-	4*	--	100*	100*
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**	**-**	**-**	**4300**

* - Not considered for Grand Total and CGPA

\# - Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UBO5S2A	Biofertilizer Technology
	17UBO5S2B	Food Microbiology
	17UBO5S3A	Greenhouse Technology
	17UBO5S3B	Remote Sensing

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UBO5M1A	Biostatistics and Bioinformatics
	17UBO5M1B	Enzyme Technology
VI	17UBO6M2A	Industrial Botany
	17UBO6M2B	Seed Science and Technology
	17UBO6M3A	Horticulture and Plant Breeding
	17UBO6M3B	Silviculture

B.Sc. CHEMISTRY - With Allied Mathematics

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	CIA	ESE	TOTAL
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UCH1C1	III	Core – I	Inorganic, Organic and Physical Chemistry - I	5	5	25	75	100
	17UCH1C2P		Core – II	Volumetric Analysis – Practical	3	2	20	80	100
	17UPH1A1		Allied –I	Fundamentals of Physics	5	4	25	75	100
	17UPH1A2P		Allied –II	Properties of Matter - Practicals	3	2	20	80	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	**30**	**21**			**700**
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UCH2C3	III	Core – III	Inorganic, Organic and Physical Chemistry-II	6	5	25	75	100
	17UCH2C4P		Core – IV	Industrial Chemistry- Practical	3	3	20	80	100
	17UPH2A3		Allied – III	Essentials of Physics	4	3	25	75	100
	17UPH2A4P		Allied –IV	Optical, Thermal and Electricity - Practicals	3	2	20	80	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	**30**	**21**			**700**
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UCH3C5	III	Core– V	Inorganic, Organic and Physical Chemistry-III	4	4	25	75	100
	17UCH3C6P		Core– VI	Domestic Products Preparation and Food analysis- Practical	3	2	20	80	100
	17UMA3A5:3		Allied– V	Algebra and Trigonometry	4	3	25	75	100
	17UMA3A6:3	III	Allied–VI	Calculus and Finite Differences	3	2	25	75	100
	17UCH3N1	IV	Non Major Elective – I#		2	2	-	100	100
	17UCN3S1		Skill Based Elective-I@	Soft Skills Development	2	2	-	100	100
				TOTAL	**30**	**21**			**800**
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UCH4C7	III	Core– VII	Inorganic, Organic and Physical Chemistry-IV	5	5	25	75	100
	17UCH4C8P		Core - VIII	Inorganic Qualitative Analysis- Practical	3	2	20	80	100
	17UMA4A7:3		Allied– VII	Differential Equations	4	3	25	75	100
	17UMA4A8:3		Allied–VIII	Statistics and Vector Calculus	4	2	25	75	100
	17UCH4N2	IV	Non Major Elective-II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	17UCH5C9	III	Core – IX	p-Block Elements, Metallurgy and Nuclear Chemistry	6	5	25	75	100
	17UCH5C10		Core – X	Organic compounds, reactions and Heterocyclics	5	5	25	75	100
	17UCH5C11		Core – XI	Thermodynamics and solutions	6	5	25	75	100
	17UCH5C12P		Core - XII	Physical chemistry Electrical - Practical	4	4	20	80	100
	17UCH5M1AP/ M1BP		Major Based Elective-I **		5	4	20	80	100
	17UCH5S2A/B	IV	Skill Based Elective- II@		2	2	-	100	100
	17UCH5S3A/B		Skill Based Elective-III@		2	2	-	100	100
	17UCH5EC1		Extra Credit - I	Computer Applications in Chemistry	-	4*	--	100*	100*
				TOTAL	**30**	**27**			**700**
VI	17UCH6C13	III	Core– XIII	Transition, Inner Transition Elements and Coordination Compounds	5	5	25	75	100
	17UCH6C14		Core– XIV	Stereochemistry and molecular rearrangements	5	5	25	75	100
	17UCH6C15		Core - XV	Molecular Spectroscopy And Electrochemistry	5	5	25	75	100
	17UCH6C16P		Core - XVI	Organic Analysis and Preparation-Practical	5	5	20	80	100
	17UCH6M2A/B		Major Based Elective-II**		5	4	25	75	100
	17UCH6M3AP/ M3BP		Major Based Elective-III**		4	4	20	80	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UCH6EC2		Extra Credit - II	Photochemistry and Radiation Chemistry	-	4*	--	100*	100*
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**	**-**	**-**	**4300**

* - Not considered for Grand Total and CGPA

\# - Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UCH5S2A	Analytical Techniques
	17UCH5S2B	Electroanalytical Techniques
	17UCH5S3A	Clinical Chemistry
	17UCH5S3B	Water quality analysis

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UCH5M1AP	Gravimetric Estimation and Physical Constants Determination - Practical
	17UCH5M1BP	Quantitative analysis by Photometric method - Practical
VI	17UCH6M2A	Essential molecules for life
	17UCH6M2B	Essentials of Bioinorganic Chemistry
VI	17UCH6M3AP	Physical Chemistry Non - Electrical -Practical
	17UCH6M3BP	Advanced Physical Chemistry- Practical

B.Sc. CHEMISTRY - With Allied Botany

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs/Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17U1LT1/LA1/LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UCH1C1	III	Core – I	Inorganic, Organic and Physical Chemistry–I	5	5	25	75	100
	17UCH1C2P		Core – II	Volumetric Analysis – Practicals	3	2	20	80	100
	17UPH1A1		Allied –I	Fundamentals of Physics	5	4	25	75	100
	17UPH1A2P		Allied –II	Properties of Matter - Practical	3	2	20	80	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	30	21			700
II	17U2LT2/LA2/LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UCH2C3	III	Core – III	Inorganic, Organic and Physical Chemistry-II	6	5	25	75	100
	17UCH2C4P		Core – IV	Industrial Chemistry- Practical	3	2	20	80	100
	17UPH2A3		Allied –III	Essentials of Physics	4	3	25	75	100
	17UPH2A4P		Allied –IV	Optical, Thermal and Electricity - Practical	3	2	20	80	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	30	20			700
III	17U3LT3/LA3/LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UCH3C5		Core– V	Inorganic, Organic and Physical Chemistry-III	4	4	25	75	100
	17UCH3C6P	III	Core– VI	Domestic Products Preparation and Food analysis- Practical	3	2	20	80	100
	17UBO3A5		Allied– V	Algae, Fungi, Bryophytes, Pteridophytes and Gymnosperms	4	3	25	75	100
	17UBO3A6P	III	Allied–VI	Laboratory Course for Allied Botany - V	3	2	20	80	100
	17UCH3N1	IV	Non Major Elective – I#		2	2	-	100	100
	17UCN3S1		Skill Based Elective-I@	Soft Skills Development	2	2	-	100	100
				TOTAL	30	21			800
IV	17U4LT4/LA4/LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UCH4C7		Core– VII	Inorganic,Organic and Physical Chemistry-IV	5	5	25	75	100
	17UCH4C8P		Core - VIII	Inorganic Qualitative Analysis- Practical	3	2	20	80	100
	17UBO4A7	III	Allied– VII	Angiosperm Taxonomy, Anatomy, Embryology and Plant physiology	5	3	25	75	100
	17UBO4A8P		Allied–VIII	Laboratory Course for Allied Botany - VII	3	2	20	80	100
	17UCH4N2	IV	Non Major Elective – II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	30	21			700
V	17UCH5C9		Core – IX	p-Block Elements, Metallurgy and Nuclear Chemistry	6	5	25	75	100
	17UCH5C10		Core – X	Organic compounds, reactions and Heterocyclics	5	5	25	75	100
	17UCH5C11	III	Core – XI	Thermodynamics and solutions	6	5	25	75	100
	17UCH5C12P		Core - XII	Physical Chemistry Electrical – Practical	4	5	20	80	100
	17UCH5M1 A/B P		Major Based Elective-I**	Gravimetric Estimation and Physical constants Determination - Practical	5	4	20	80	100
	17UCH5S2 A/B	IV	Skill Based Elective-II@		2	2	-	100	100
	17UCH5S3 A/B		Skill Based Elective-III@		2	2	-	100	100
	17UCH5EC1		Extra Credit - I	Computer Applications in Chemistry	-	4*	--	100*	100*
				TOTAL	30	28			700
VI	17UCH6C13		Core– XIII	Transition, Inner Transition Elements and Coordination Compounds	5	5	25	75	100
	17UCH6C14		Core– XIV	Stereochemistry and molecular rearrangements	5	5	25	75	100
	17UCH6C15	III	Core - XV	Molecular Spectroscopy and Electrochemistry	5	5	25	75	100
	17UCH6C16P		Core - XVI	Organic Analysis and Preparation- Practical	5	5	20	80	100
	17UCH6M2A/B		Major Based Elective-II**		5	4	25	75	100
	17UCH6M3A/BP		Major Based Elective-III**		4	4	20	80	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UCH6EC2		Extra Credit - II	Photochemistry and Radiation Chemistry	-	4*	--	100*	100*
				TOTAL	30	29			700
				GRAND TOTAL	180	140	-	-	4300

* - Not considered for Grand Total and CGPA

\# - Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UCH5S2 A	Analytical Techniques
	17UCH5S2 B	Electroanalytical Techniques
V	17UCH5S3 A	Clinical Chemistry
	17UCH5S3 B	Water quality analysis

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UCH5M1AP	Physical Chemistry Electrical - Practical
	17UCH5M1BP	Quantitative analysis by Photometric method - Practical
VI	17UCH6M2A	Essential molecules for life
	17UCH6M2B	Essentials of Bioinorganic Chemistry
VI	17UCH6M3AP	Physical Chemistry Non - Electrical -Practical
	17UCH6M3BP	Advanced Physical Chemistry- Practical

B.Sc. COMPUTER SCIENCE

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs / Week	CREDIT	CIA	ESE	TOTAL
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English – I		6	3	25	75	100
	17UCS1C1	III	Core – I	Programming in C	5	5	25	75	100
	17UCS1C2P		Core – II	C Programming Lab	3	2	20	80	100
	17UMA1A1		Allied – I	Calculus	5	4	25	75	100
	17UMA1A2		Allied – II	Numerical Methods	3	2	25	75	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	**30**	**21**			**700**
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UCS2C3	III	Core – III	Object Oriented Programming with C++	6	5	25	75	100
	17UCS2C4P		Core – IV	C++ Programming Lab	3	2	20	80	100
	17UMA2A3		Allied – III	Operations Research	4	3	25	75	100
	17UMA2A4		Allied – IV	Statistics	3	2	25	75	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	**30**	**20**			**700**
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language – III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UCS3C5	III	Core – V	Database Management Systems	4	4	25	75	100
	17UCS3C6P		Core – VI	RDBMS Lab	3	2	20	80	100
	17UPH3A5		Allied – V	Electricity and Magnetism	4	3	25	75	100
	17UPH3A6P		Allied – VI	Applied Physics – Practicals I	3	2	20	80	100
	17UCS3N1	IV	Non-Major Elective – I #		2	2	-	100	100
	17UCN3S1		Skill Based Elective-I @	Soft Skills Development	2	2	-	100	100
				TOTAL	**30**	**21**			**800**
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language – IV		6	3	25	75	100
	17UCN4E4	II	English – IV		6	3	25	75	100
	17UCS4C7	III	Core – VII	Data Structures and Algorithms	5	5	25	75	100
	17UCS4C8P		Core – VIII	Data Structures Lab	3	2	20	80	100
	17UPH4A7		Allied – VII	Electronics	5	3	25	75	100
	17UPH4A8P		Allied – VIII	Applied Physics – Practicals II	3	2	20	80	100
	17UCS4N2	IV	Non-Major Elective – II#	Web Design	2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	17UCS5C9	III	Core – IX	Java Programming	6	5	25	75	100
	17UCS5C10P1		Core – X (a)	Java Programming Lab	3	3	10	40	50
	17UCS5C10P2		Core – X (b)	HTML Lab	2	2	10	40	50
	17UCS5C11		Core – XI	Computer Organization and Architecture	5	5	25	75	100
	17UCS5C12		Core – XII	Operating Systems	5	5	25	75	100
	17UCS5M1 A/B		Major Based Elective – I**		5	4	25	75	100
	17UCS5S2 A/B	IV	Skill Based Elective – II@		2	2	-	100	100
	17UCS5S3A/B P		Skill Based Elective-III@		2	2	-	100	100
	17UCS5EC1		Extra Credit – I	Data Mining	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	17UCS6C13	III	Core – XIII	Computer Graphics and Multimedia	5	5	25	75	100
	17UCS6C14		Core – XIV	Computer Networks	5	5	25	75	100
	17UCS6C15		Core – XV	Microprocessor Fundamentals	5	5	25	75	100
	17UCS6C16P1		Core – XVI (a)	Digital and Microprocessor Lab	3	3	10	40	50
	17UCS6C16P2		Core – XVI (b)	Multimedia Lab	2	2	10	40	50
	17UCS6M2 A/B		Major Based Elective-II**		5	4	25	75	100
	17UCS6M3A/B P		Major Based Elective-III**		4	4	20	80	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UCS6EC2		Extra Credit – II	Network Security	-	4*	--	100*	100*
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**	**-**	**-**	**4300**

* - Not considered for Grand Total and CGPA

\# - Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UCS5S2A	VB .Net
	17UCS5S2B	Fundamentals of XML
	17UCS5S3AP	VB .Net Lab
	17UCS5S3BP	XML Lab

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UCS5M1A	Software Engineering
	17UCS5M1B	Software Testing
VI	17UCS6M2A	Open Source Technology
	17UCS6M2B	Mobile Application Development
	17UCS6M3AP	Open Source Lab
	17UCS6M3BP	Mobile Application Development Lab

B.C.A

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs / Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English – I		6	3	25	75	100
	17UCA1C1		Core – I	HTML Fundamentals	5	5	25	75	100
	17UCA1C2P	III	Core – II	HTML Lab	3	2	20	80	100
	17UCA1A1		Allied – I	Numerical and Statistical Methods	5	4	25	75	100
	17UCA1A2		Allied – II	Entrepreneurship Development	3	2	25	75	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	**30**	**21**			**700**
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UCA2C3		Core – III	Programming in C	6	5	25	75	100
	17UCA2C4P	III	Core – IV	C Programming Lab	3	2	20	80	100
	17UCA2A3		Allied – III	Operations Research	4	3	25	75	100
	17UCA2A4		Allied –IV	PC Administration	3	2	25	75	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	**30**	**20**			**700**
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UCA3C5		Core– V	Data Structures	4	4	25	75	100
	17UCA3C6	III	Core– VI	Multimedia and its Applications	3	2	25	75	100
	17UCA3A5		Allied– V	Programming in C++	4	3	25	75	100
	17UCA3A6P		Allied–VI	C++ Programming Lab	3	2	20	80	100
	17UCA3N1	IV	Non Major Elective –I #		2	2	-	100	100
	17UCN3S1		Skill Based Elective – I @	Soft Skills Development	2	2	-	100	100
				TOTAL	**30**	**21**			**800**
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UCA4C7		Core– VII	Java Programming	5	5	25	75	100
	17UCA4C8P	III	Core– VIII	Java Programming Lab	3	2	20	80	100
	17UCA4A7		Allied– VII	Principles of Accountancy	5	3	25	75	100
	17UCA4A8P		Allied–VIII	Accounting Package Lab	3	2	20	80	100
	17UCA4N2	IV	Non Major Elective – II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	17UCA5C9		Core – IX	VB .Net	6	5	25	75	100
	17UCA5C10		Core – X	Scripting Languages	5	5	25	75	100
	17UCA5C11T		Core – XI A	General Aptitude	3	3	10	40	50
	17UCA5C11P	III	Core – XI B	Scripting Languages Lab	2	2	10	40	50
	17UCA5C12P1		Core – XII A	VB .Net Lab	3	3	10	40	50
	17UCA5C12P2		Core – XII B	RDBMS Lab	2	2	10	40	50
	17UCA5M1 A/B		Major Based Elective –I**		5	4	25	75	100
	17UCA5S2 A/B	IV	Skill Based Elective– II@		2	2		100	100
	17UCA5S3A/B P		Skill Based Elective-III @		2	2		100	100
	17UCA5EC1		Extra Credit – I	Java Servlets	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	17UCA6C13		Core– XIII	Data Communications and Networking	5	5	25	75	100
	17UCA6C14		Core– XIV	Operating Systems	5	5	25	75	100
	17UCA6C15	III	Core – XV	Software Engineering	5	5	25	75	100
	17UCA6C16P		Core –XVI	Software Development Lab	5	5	20	80	100
	17UCA6M2 A/B		Major Based Elective-II**		5	4	25	75	100
	17UCA6M3A/B P		Major Based Elective-III**		4	4	20	80	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UCA6EC2		Extra Credit – II	Open Source Computing	-	4*	--	100*	100*
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* - Not considered for Grand Total and CGPA

\# - Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UCA5S2A	Shell Programming
	17UCA5S2B	Ubuntu Basics
	17UCA5S3AP	Shell Programming Lab
	17UCA5S3BP	Ubuntu Lab

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UCA5M1A	Database Management Systems
	17UCA5M1B	RDBMS
VI	17UCA6M2A	PHP Programming
	17UCA6M2B	C# and .Net Programming
	17UCA6M3AP	PHP Programming Lab
	17UCA6M3BP	C# and .Net Programming Lab

B.Sc. INFORMATION TECHNOLOGY

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Ins Hrs / Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17U1LT1/LA1/LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English – I		6	3	25	75	100
	17UIT1C1	III	Core – I	Programming in C	5	5	25	75	100
	17UIT1C2P		Core – II	C Programming Lab	3	2	20	80	100
	17UIT1A1		Allied – I	Mathematics for IT	5	4	25	75	100
	17UIT1A2		Allied – II	Entrepreneurship Development	3	2	25	75	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
			TOTAL		30	21			700
II	17U2LT2/LA2/LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UIT2C3	III	Core – III	Programming in C++	6	5	25	75	100
	17UIT2C4P		Core – IV	C++ Programming Lab	3	2	20	80	100
	17UIT2A3		Allied – III	Resource Management Techniques	4	3	25	75	100
	17UIT2A4		Allied –IV	Digital Electronics	3	2	25	75	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
			TOTAL		30	20			700
III	17U3LT3/LA3/LF3/LH3/LU3	I	Language – III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UIT3C5	III	Core – V	Java Programming	4	4	25	75	100
	17UIT3C6P		Core – VI	Java Programming Lab	3	2	20	80	100
	17UIT3A5		Allied– V	Shell Programming	4	3	25	75	100
	17UIT3A6P		Allied–VI	Shell Programming Lab	3	2	20	80	100
	17UIT3N1	IV	Non Major Elective – I		2	2	-	100	100
	17UCN3S1		Skill Based Elective – I	Soft Skills Development	2	2	-	100	100
			TOTAL		30	21			800
IV	17U4LT4/LA4/LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English-IV		6	3	25	75	100
	17UIT4C7	III	Core-VII	Database Management Systems	5	5	25	75	100
	17UIT4C8P		Core-VIII	RDBMS Lab	3	2	20	80	100
	17UIT4A7		Allied-VII	Web Design	5	3	25	75	100
	17UIT4A8P		Allied-VIII	Web Design Lab	3	2	20	80	100
	17UIT4N2	IV	Non Major Elective – II		2	2	-	100	100
	17UCN4EA		Extension Activities	NCC, NSS, etc.	-	1	-	-	-
			TOTAL		30	21			700
V	17UIT5C9	III	Core – IX	VB .Net	6	5	25	75	100
	17UIT5C10		Core – X	Operating Systems	5	5	25	75	100
	17UIT5C11		Core – XI	Data Structures and Algorithms	5	5	25	75	100
	17UIT5C12T		Core – XII A	PC Hardware and Troubleshooting	2	2	10	40	50
	17UIT5C12P		Core – XII B	VB .Net Lab	3	3	10	40	50
	17UIT5M1 A/B		Major Based Elective –I		5	4	25	75	100
	17UIT5S2A/BP	IV	Skill Based Elective – II		2	2	-	100	100
	17UIT5S3A/BP		Skill Based Elective – III		2	2	-	100	100
	17UIT5EC1		Extra Credit Course – I	C# and .Net Programming	-	4*	--	100*	100*
			TOTAL		30	28			700
VI	17UIT6C13	III	Core– XIII	Wireless Communication	5	5	25	75	100
	17UIT6C14		Core– XIV	Software Engineering	5	5	25	75	100
	17UIT6C15		Core – XV	Multimedia Systems	5	5	25	75	100
	17UIT6C16P		Core – XVI	Software Development Lab	5	5	20	80	100
	17UIT6M2A/B		Major Based Elective-II		5	4	25	75	100
	17UIT6M3A/BP		Major Based Elective-III		4	4	20	80	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UIT6EC2		Extra Credit Course – II	Embedded Systems	-	4*	--	100*	100*
			TOTAL		30	29			700
			GRAND TOTAL		180	140			4300

* Not Considered for Grand Total and CGPA.

@ SKILL BASED ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	17UIT5S2AP	PHP Programming Lab
	17UIT5S2BP	Python Programming Lab
	17UIT5S3AP	PC Hardware and Troubleshooting Lab
	17UIT5S3BP	Ubuntu Lab

** MAJOR BASED ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	17UIT5M1A	PHP Programming
	17UIT5M1B	Python Programming
VI	17UIT6M2B	Open Source Technologies
	17UIT6M2A	Mobile Application Development
	17UIT6M3BP	Open Source Lab
	17UIT6M3AP	Mobile Application Development Lab

B.Sc. FASHION TECHNOLOGY AND COSTUME DESIGNING

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs / Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UFT1C1	III	Core – I	Textile Science	5	5	25	75	100
	17UFT1C2P		Core – II	Fashion Illustration - Practical	3	2	20	80	100
	17UFT1A1		Allied –I	Basic Garment Construction	5	4	25	75	100
	17UFT1A2P		Allied –II	Basic Garment Construction-Practical	3	2	20	80	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	30	21			700
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UFT2C3	III	Core – III	Fashion Designing	6	5	25	75	100
	17UFT2C4P		Core – IV	Fashion Designing – Practical	3	2	20	80	100
	17UFT2A3P		Allied – III	Pattern Making - Practical	4	3	20	80	100
	17UFT2A4		Allied –IV	Principles of Pattern Making	3	2	25	75	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	30	20			700
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UFT3C5		Core– V	Garment Manufacturing Technology	4	4	25	75	100
	17UFT3C6		Core– VI	Fashion Clothing Psychology	3	2	25	75	100
	17UFT3A5P	III	Allied– V	Pattern Making and Garment Construction for Children's Wear – Practical	4	3	20	80	100
	17UFT3A6P	III	Allied–VI	Surface Embellishment - Practical	3	2	20	80	100
	17UFT3N1P	IV	Non Major Elective – I#		2	2	-	100	100
	17UCN3S1		Skill Based Elective-I@	Soft Skills Development	2	2	-	100	100
				TOTAL	30	21			800
IV	17U4LT4/LA4/L F4/ LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UFT4C7P		Core–VII	Fashion Draping – Practical	5	5	20	80	100
	17UFT4C8		Core - VIII	Fabric Structure and Design	3	2	25	75	100
	17UFT4A7P	III	Allied– VII	Pattern Making and Garment Construction for Women's Wear – Practical	5	3	20	80	100
	17UFT4A8		Allied–VIII	Knitting	3	2	25	75	100
	17UFT4N2P	IV	Non Major Elective-II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	30	21			700
V	17UFT5C9I		Core – IX	Internship	6	5	20	80	100
	17UFT5C10		Core – X	Wet Processing	5	5	25	75	100
	17UFT5C11P	III	Core – XI	Wet Processing – Practical	5	5	20	80	100
	17UFT5C12P		Core - XII	Computer Aided Designing – Practical	5	5	20	80	100
	17UFT5M1 A/B		Major Based Elective-I**		5	4	25	75	100
	17UFT5S2 A/B	IV	Skill Based Elective-II@		2	2	-	100	100
	17UFT5S3 A/B		Skill Based Elective-III@		2	2	-	100	100
	17UFT5EC1		Extra Credit - I	Visual Merchandising	-	4*	--	100*	100*
				TOTAL	30	28			700
VI	17UFT6C13P		Core– XIII	Pattern Making and Garment Construction for Men's Wear-Practical	5	5	20	80	100
	17UFT6C14		Core– XIV	Textile Testing	5	5	25	75	100
	17UFT6C15P	III	Core - XV	Textile Testing – Practical	5	5	20	80	100
	17UFT6C16P		Core XVI	Fashion Portfolio Presentation-Practical	5	5	20	80	100
	17UFT6M2 A/B		Major Based Elective-II**		5	4	25	75	100
	17UFT6M3 A/B		Major Based Elective-III**		4	4	25	75	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UFT6EC2		Extra Credit – II	Apparel Merchandising and Marketing	-	4*	--	100*	100*
				TOTAL	30	29			700
				GRAND TOTAL	180	140	-	-	4300

* - Not considered for Grand Total and CGPA

- Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UFT5S2A	Cosmetology
	17UFT5S2B	Home Science
V	17UMB5S3A	Textile Microbiology
	17UMB5S3B	Mycology

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UFT5M1A	Garment Quality and Cost Control
	17UFT5M1B	Soft Furnishing
VI	17UFT6M2A	Globalisation and Export Documentation
	17UFT6M2B	Interior Decoration
VI	17UFT6M3A	Traditional Indian Costumes and Embroidery
	17UFT6M3B	Costumes and Personal Appearance

B.Sc. HOTEL MANAGEMENT AND CATERING SCIENCE

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs /Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UHM1C1		Core – I	Basic Culinary Arts	5	5	25	75	100
	17UHM1C2P		Core – II	Indian Cuisine Practical	3	2	20	80	100
	17UHM1A1	III	Allied –I	Basic Food and Beverage Service	5	4	25	75	100
	17UHM1A2P		Allied –II	Basic Food and Beverage Service Practical	3	2	20	80	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	**30**	**21**			**700**
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UHM2C3	III	Core – III	Basic Front office and Accommodation Operations	6	5	25	75	100
	17UHM2C4P		Core – IV	Basic Front office and Accommodation Operations Practical	3	2	20	80	100
	17UHM2A3		Allied – III	Nutrition and Food Science	4	3	25	75	100
	17UHM2A4		Allied –IV	Hotel Law	3	2	25	75	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	**30**	**20**			**700**
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UHM3C5		Core– V	Advanced Culinary Arts	4	4	25	75	100
	17UHM3C6P		Core– VI	Continental Cuisine Practical	3	2	20	80	100
	17UHM3A5	III	Allied– V	Advanced Food and Beverage Service	4	3	25	75	100
	17UHM3A6P		Allied–VI	Advanced Food and Beverage Service Practical	3	2	20	80	100
	17UHM3N1	IV	Non Major Elective I #		2	2	-	100	100
	17UCN3S1		Skill Based Elective-I@	Soft Skills Development	2	2	-	100	100
				TOTAL	**30**	**21**			**800**
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UHM4C7		Core– VII	Advanced Front Office and Accommodation operations	5	5	25	75	100
	17UHM4C8P	III	Core - VIII	Advanced Front office and Accommodation Operations Practical	3	2	20	80	100
	17UHM4A7		Allied– VII	Bakery and Confectionery	5	3	25	75	100
	17UHM4A8P		Allied–VIII	Computer Applications - Practical	3	2	20	80	100
	17UHM4N2	IV	Non Major Elective-II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	17UHM5C9I		Core – IX	Internship and Project Report	6	5	20	80	100
	17UHM5C10		Core – X	Hospitality Marketing	5	5	25	75	100
	17UHM5C11	III	Core – XI	Event Management	5	5	25	75	100
	17UHM5C12P		Core - XII	Bakery and Confectionery Practical	5	5	20	80	100
	17UHM5M1A/B P		Major Based Elective–I**		5	4	25	75	100
	17UHM5S2 A/B	IV	Skill Based Elective II@		2	2	-	100	100
	17UHM5S3 A/B		Skill Based Elective-III@		2	2	-	100	100
	17UHM5EC1		Extra Credit - I	Health and Safety for Hotel Staff	-	4*	---	100*	100*
				TOTAL	**30**	**28**			**700**
VI	17UHM6C13		Core– XIII	Room Division Management	5	5	25	75	100
	17UHM6C14		Core– XIV	Food and Beverage Controls	5	5	25	75	100
	17UHM6C15	III	Core - XV	International Culinary Arts	5	5	25	75	100
	17UHM6C16P		Core XVI	International Cuisine Practical	5	5	20	80	100
	17UHM6M2 A/B		Major Based Elective-II**		5	4	25	75	100
	17UHM6M3 A/B		Major Based Elective-III**		4	4	25	75	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UHM6EC2		Extra Credit - II	Club and Resort Management	-	4*	---	100*	100*
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**	**-**	**-**	**4300**

* - Not considered for Grand Total and CGPA

- Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UHM5S2A	India Tourism Facts for Competitive Examinations
	17UHM5S2B	Tourism Planning
V	17UHM5S3A	Food Preservation and Quality Standards
	17UHM5S3B	Food Safety and Sanitation

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UHM5M1A	Travel and Tourism
	17UHM5M1B	Tourism Principles and Practices
VI	17UHM6M2A	Human Resource Management
	17UHM6M2B	Entrepreneurship Skills in Hotels
VI	17UHM6M3A	Hotel Accounts
	17UHM6M3B	Principles of Management

B.Sc. MATHEMATICS

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs / Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UMA1C1		Core – I	Differential Calculus and Trigonometry	5	5	25	75	100
	17UMA1C2	III	Core – II	Solid Geometry	3	2	25	75	100
	17UPH1A1		Allied –I	Fundamentals of Physics	5	4	25	75	100
	17UPH1A2P		Allied –II	Properties of Matter - Practicals	3	2	20	80	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	**30**	**21**			**700**
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UMA2C3	III	Core – III	Integral Calculus	6	5	25	75	100
	17UMA2C4		Core – IV	Classical Algebra	3	2	25	75	100
	17UPH2A3		Allied – III	Essentials of Physics	4	3	25	75	100
	17UPH2A4P		Allied –IV	Optical, Thermal and Electricity - Practicals	3	2	20	80	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	**30**	**20**			**700**
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UMA3C5		Core– V	Ordinary and Partial Differential Equations	4	4	25	75	100
	17UMA3C6	III	Core– VI	Vector Calculus	3	2	25	75	100
	17UMA3A5:1		Allied–V	Mathematical Statistics I	4	3	25	75	100
	17UMA3A6:1	III	Allied–VI	Mathematical Statistics II	3	2	25	75	100
	17UMA3N1	IV	Non Major Elective I#		2	2	-	100	100
	17UCN3S1		Skill Based Elective - I @	Soft Skills Development	2	2	-	100	100
				TOTAL	**30**	**21**			**800**
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UMA4C7		Core– VII	Sequences and Series	5	5	25	75	100
	17UMA4C8	III	Core - VIII	Laplace Transform and Fourier Series	3	2	25	75	100
	17UMA4A7:1		Allied– VII	Mathematical Statistics III	5	3	25	75	100
	17UMA4A8:1		Allied–VIII	Mathematical Statistics IV	3	2	25	75	100
	17UMA4N2	IV	Non Major Elective – II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	17UMA5C9		Core – IX	Mechanics	6	5	25	75	100
	17UMA5C10		Core – X	Real Analysis	5	5	25	75	100
	17UMA5C11	III	Core – XI	Modern Algebra	5	5	25	75	100
	17UMA5C12		Core - XII	Numerical Methods	5	5	25	75	100
	17UMA5M1 A/B		Major Based Elective- I**		5	4	25	75	100
	17UMA5S2A/B/C P	IV	Skill Based Elective-II@		2	2	-	100	100
	17UMA5S3A/B/C P		Skill Based Elective-III@		2	2	-	100	100
	17UMA5EC1		Extra Credit - I	Astronomy	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	17UMA6C13		Core– XIII	Complex Analysis	5	5	25	75	100
	17UMA6C14		Core– XIV	Number Theory	5	5	25	75	100
	17UMA6C15	III	Core - XV	Discrete Mathematics	5	5	25	75	100
	17UMA6C16		Core XVI	Graph Theory	5	5	25	75	100
	17UMA6M2 A/B		Major Based Elective-II**		5	4	25	75	100
	17UMA6M3 A/B		Major Based Elective-III**		4	4	25	75	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UMA6EC2		Extra Credit - II	Replacement and Sequencing Models	-	4*	--	100*	100*
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**	**-**	**-**	**4300**

* - Not considered for Grand Total and CGPA

\# - Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UMA5S2A	Quantitative Aptitude
	17UMA5S2BP	SPSS Lab
	17UMA5S2CP	PageMaker
V	17UMA5S3A	Reasoning
	17UMA5S3BP	MatLab
	17UMA5S3CP	CorelDraw

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UMA5M1A	Operations Research
	17UMA5M1B	Combinatorics
VI	17UMA6M2AT	C Programming
	17UMA6M2AP	C Programming – Practical
	17UMA6M2B	Data Structures and Algorithms
VI	17UMA6M3A	Linear Algebra
	17UMA6M3B	Z and Fourier Transforms

B.Sc. MICROBIOLOGY

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs / Week	CREDIT	CIA	ESE	TOTAL
I	17U1LTI/LA1/ LF1/LH1/LU1	I	Language- I		6	3	25	75	100
	17UCN1E1	II	English- I		6	3	25	75	100
	17UMB1C1	III	Core- I	Basic Microbiology	5	5	25	75	100
	17UMB1C2P	III	Core- II	Basic Microbiology Practical	3	2	20	80	100
	17UMB1A1	III	Allied- I	General Biochemistry	5	4	25	75	100
	17UMB1A2P	III	Allied- II	General Biochemistry Practical	3	2	20	80	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	**30**	**21**			**700**
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language- II		6	3	25	75	100
	17 UCN2 E2	II	English-II		6	3	25	75	100
	17 UMB2C3	III	Core- III	Bacteriology	6	5	25	75	100
	17UMB2C4P	III	Core- IV	Bacteriology - Practical	3	2	20	80	100
	17 UMB2A3	III	Allied- III	Cell Biology	4	3	25	75	100
	17 UMB2A4P	III	Allied- IV	Cell Biology Practical	3	2	20	80	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	**30**	**20**			**700**
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language- III		6	3	25	75	100
	17UCN3 E3	II	English- III		6	3	25	75	100
	17UMB3C5	III	Core- V	Microbial Diversity	4	4	25	75	100
	17 UMB3C6	III	Core- VI	Haematology	3	2	25	75	100
	17UMB3A5	III	Allied- V	Microbial Metabolism	4	3	25	75	100
	17UMB3A6P	III	Allied- VI	Microbial Metabolism -Practical	3	2	20	80	100
	17UMB3N1	IV	Non Major Elective- I#		2	2	-	100	100
	17UCN3S1	IV	Skill Based Elective- I@	Soft Skills Development	2	2	-	100	100
				TOTAL	**30**	**21**			**800**
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language- IV		6	3	25	75	100
	17 UCN4 E4	II	English- IV		6	3	25	75	100
	17UMB4C7	III	Core- VII	Clinical Microbiology	5	5	25	75	100
	17UMB4C8P	III	Core- VIII	Clinical Microbiology - Practical	3	2	20	80	100
	17UMB4A7	III	Allied- VII	Immunology	5	3	25	75	100
	17UMB4A8P	III	Allied- VIII	Immunology Practical	3	2	20	80	100
	17UMB4N2	IV	Non Major Elective- II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	17 UMB5C9	III	Core- IX	Virology	6	5	25	75	100
	17 UMB5C10	III	Core- X	Environmental Microbiology	5	5	25	75	100
	17 UMB5C11	III	Core- XI	Soil and Agricultural Microbiology	5	5	25	75	100
	17 UMB5C12P	III	Core- XII	Virology, Environmental Microbiology, Soil and Agricultural Microbiology Practical	5	5	20	80	100
	17UMB5M1 A/B	III	Major Based Elective- I**		5	4	25	75	100
	17UMB5S2 A/B	IV	Skill Based Elective- II@		2	2	-	100	100
	17UMB5S3 A/B	IV	Skill Based Elective- III@		2	2	-	100	100
	17UMB 5EC1		Extra Credit- I	Vermiculture Technology	-	4*	-	100*	100*
				TOTAL	**30**	**28**			**700**
VI	17 UMB6C13	III	Core- XIII	Microbial Genetics	5	5	25	75	100
	17 UMB6C14	III	Core- XIV	Molecular Biology	5	5	25	75	100
	17 UMB6C15	III	Core- XV	Food and Dairy Microbiology	5	5	25	75	100
	17 UMB6C16P	III	Core- XVI	Microbial Genetics, Molecular Biology, Food and Dairy Microbiology - Practical	5	5	20	80	100
	17UMB6M2 A/B	III	Major Based Elective-II**		5	4	25	75	100
	17UMB6M3 A/B	III	Major Based Elective-III**		4	4	25	75	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UMB 6EC2		Extra Credit- II	Mushroom Technology	-	4*	-	100*	100*
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* - Not considered for Grand Total and CGPA

- Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	I7UMBS2A	Bioinstrumentation
	I7UMBS2B	Parasitology
	I7UND5S3A	Food and Nutrition
	I7UND5S3B	Basics in Nutrition

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UMB5M1A	Social and Preventive Medicine
	17UMB5M1B	Medical Entomology
VI	17UMB6M2A	Industrial Microbiology
	17UMB6M2B	Phycology
	17UMB6M3A	Genetics Engineering
	17UMB6M3B	Cell Culture Techniques

B.Sc. NUTRITION AND DIETETICS

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UND1C1		Core – I	Food Science	5	5	25	75	100
	17UND1C2P	III	Core – II	Food Science Practical	3	2	20	80	100
	17UND1A1		Allied –I	Principles of Nutrition	5	4	25	75	100
	17UND1A2P		Allied –II	Principles of Nutrition Practical	3	2	20	80	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	30	21			700
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UND2C3	III	Core – III	Nutrition Through Life Cycle	6	5	25	75	100
	17UND2C4P		Core – IV	Nutrition Through Life Cycle Practical	3	2	20	80	100
	17UND2A3		Allied – III	Human Physiology	4	3	25	75	100
	17UND2A4P		Allied –IV	Human Physiology Practical	3	2	20	80	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	30	20			700
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UND3C5		Core– V	Dietetics-I	4	4	25	75	100
	17UND3C6P	III	Core– VI	Dietetics-I Practical	3	2	20	80	100
	17UND3A5		Allied– V	Nutritional Biochemistry	4	3	25	75	100
	17UND3A6P	III	Allied–VI	Nutritional Biochemistry practical	3	2	20	80	100
	17UND3N1	IV	Non Major Elective-I**		2	2	-	100	100
	17UCN3S1		Skill Based Elective-I@	Soft Skills Development	2	2	-	100	100
				TOTAL	30	21			800
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UND4C7		Core– VII	Dietetics-II	5	5	25	75	100
	17UND4C8P	III	Core - VIII	Dietetics-II practical	3	2	20	80	100
	17UND4A7		Allied– VII	Food Microbiology	5	3	25	75	100
	17UND4A8P		Allied–VIII	Food Microbiology practical	3	2	20	80	100
	17UND4N2	IV	Non Major Elective-II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	30	21			700
V	17UND5C9I		Core – IX	Dietetics Internship	6	5	20	80	100
	17UND5C10		Core – X	Food Service Management-I	5	5	25	75	100
	17UND5C11	III	Core – XI	Food Preservation and Bakery	5	5	25	75	100
	17UND5C12P		Core - XII	Food Preservation and Bakery practical	5	5	20	80	100
	17UND5M1A/B		Major Based Elective–I**		5	4	25	75	100
	17UND5S2A/B	IV	Skill Based Elective - II@		2	2	-	100	100
	17UND5S3A/B		Skill Based Elective–III@		2	2	-	100	100
	17UND5EC1		Extra Credit - I	Food Packaging	-	4*	--	100*	100*
				TOTAL	30	28			700
VI	17UND6C13		Core - XIII	Food Service Management-II	5	5	25	75	100
	17UND6C14		Core - XIV	Community Nutrition	5	5	25	75	100
	17UND6C15P	III	Core - XV	Food Service Management Practical	5	5	20	80	100
	17UND6C16		Core - XVI	Food Standards and Quality Control	5	5	25	75	100
	17UND6M2A/B		Major Based Elective-II**		5	4	25	75	100
	17UND6M3A/B		Major Based Elective-III**		4	4	25	75	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UND6EC2		Extra Credit - II	Principles of Resource Management and Interior Design	-	4*	--	100*	100*
				TOTAL	30	29			700
				GRAND TOTAL	180	140	-	-	4300

* - Not considered for Grand Total and CGPA

- Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UND5S2A	Basics in Computer
	17UND5S2B	Nutrition for Physical Fitness
V	17UBT5S3A	Transgenic Foods
V	17UBT5S3B	Frontiers in Biotechnology

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UND5M1A	Food Chemistry
	17UND5M1B	Food Biotechnology
VI	17UND6M2A	Human Development
	17UND6M2B	Basics in Food Safety
VI	17UND6M3A	Community Development
	17UND6M3B	Nutrition in Critical Care

B.Sc. PHYSICS

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	CIA	ESE	TOTAL
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UPH1C1		Core - I	Properties of Matter	5	5	25	75	100
	17UPH1C2P		Core - II	Properties of Matter – Practicals	3	2	20	80	100
	17UCH1A1:1	III	Allied - I	Inorganic, Organic and Physical Chemistry -I	5	4	25	75	100
	17UCH1A2P		Allied –II	Volumetric Analysis Practical -I	3	2	20	80	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	30	21			700
II	17U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UPH2C3	III	Core – III	Mechanics	6	5	25	75	100
	17UPH2C4P		Core – IV	Heat and Optics – Practicals	3	2	20	80	100
	17UCH2A3:1		Allied – III	Inorganic, organic and Physical Chemistry –III	4	3	25	75	100
	17UCH2A4P		Allied –IV	Organic Analysis - Practical	3	2	20	80	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	30	20			700
III	17U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UPH3C5		Core– V	Acoustics	4	4	25	75	100
	17UPH3C6P	III	Core– VI	Thermal and Electricity - Practicals	3	2	20	80	100
	17UMA3A5:2		Allied– V	Algebra and Trigonometry	4	3	25	75	100
	17UMA3A6:2	III	Allied–VI	Calculus	3	2	25	75	100
	17UPH3N1	IV	Non Major Elective- I #		2	2	-	100	100
	17UCN3S1		Skill Based Elective-I @	Soft Skills Development	2	2	-	100	100
				TOTAL **TOTAL**	30	21			800
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UPH4C7		Core– VII	Thermal and Statistical Physics	5	5	25	75	100
	17UPH4C8P	III	Core - VIII	Measurement and Calibration - Practicals	3	2	20	80	100
	17UMA4A7:2		Allied– VII	Differential Equations	5	3	25	75	100
	17UMA4A8:2		Allied–VIII	Vector Calculus and Fourier series	3	2	25	75	100
	17UPH4N2	IV	Non Major Elective – II #		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	30	21			700
V	17UPH5C9P1		Core – IX	Optics and Numerical Programming- Practicals	3	3	10	40	50
	17UPH5C9P2			Analog Electronics and Microprocessor-Practicals	3	2	10	40	50
	17UPH5C10	III	Core – X	Electricity and Magnetism	5	5	25	75	100
	17UPH5C11		Core – XI	Optics	5	5	25	75	100
	17UPH5C12		Core - XII	Atomic Physics	5	5	25	75	100
	17UPH5M1 A/B		Major Based Elective-I **		5	4	25	75	100
	17UPH5S2 A/B	IV	Skill Based Elective-II @		2	2	--	100	100
	17UPH5S3 A/B		Skill Based Elective-III @		2	2	--	100	100
	17UPH5EC1		Extra Credit Course – I	Mobile Telephony	-	4*	--	100*	100*
				TOTAL	30	28			700
VI	17UPH6C13P1		Core– XIII	General Physics and Scientific Programming –Practicals	3	3	10	40	50
	17UPH6C13P2			Digital Electronics and Microprocessor–Practicals	3	2	10	40	50
	17UPH6C14	III	Core– XIV	Wave Mechanics and Relativity	5	5	25	75	100
	17UPH6C15		Core - XV	Nuclear Physics	5	5	25	75	100
	17UPH6C16		Core XVI	Laser and Spectroscopy	4	5	25	75	100
	17UPH6M2 A/B		Major Based Elective-II **		5	4	25	75	100
	17UPH6M3A/B		Major Based Elective-III **		4	4	25	75	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UPH6EC2		Extra Credit - II	Physics for Competitive Examination	-	4*	--	100*	100*
				TOTAL	30	29			700
				GRAND TOTAL	180	140	-	-	4300

* - Not considered for Grand Total and CGPA

- Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UPH5S2A	Scientific programming in C
	17UPH5S2B	Programming in C++
	17UPH5S3A	Electronic Instrumentation
	17UPH5S3B	Electrical and Electronic Appliances

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UPH5M1A	Semiconductor Devices and Circuits
	17UPH5M1B	Nanoscience
VI	17UPH6M2A	Digital Electronics and Microprocessor
	17UPH6M2B	Material Science
VI	17UPH6M3A	Solar Energy
	17UPH6M3B	Astrophysics

B.Sc. VISUAL COMMUNICATION

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Ins.Hrs / Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UVC1C1	III	Core – I	Introduction to Visual Communication	5	5	25	75	100
	17UVC1C2		Core – II	Advertising Basics	3	2	25	75	100
	17UVC1A1P		Allied –I	Drawing - Practical	5	4	20	80	100
	17UVC1A2P		Allied –II	Graphic Design - Practical	3	2	20	80	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
			TOTAL		30	21			700
II	17U2LT2/LA2/LF2 /LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UVC2C3	III	Core – III	Media Culture and Society	5	5	25	75	100
	17UVC2C4		Core – IV	Communication Theories	4	3	25	75	100
	17UVC2A3P		Allied – III	Digital Art - Practical	4	3	20	80	100
	17UVC2A4P		Allied –IV	Painting - Practical	3	2	20	80	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
			TOTAL		30	20			700
III	17U3LT3/LA3/LF3 /LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UVC3C5	III	Core– V	New Media	4	4	25	75	100
	17UVC3C6P		Core– VI	2D animation - Practical	3	2	20	80	100
	17UVC3A5	III	Allied– V	Basic Photography	4	3	25	75	100
	17UVC3A6P		Allied–VI Practical	Photography	3	2	20	80	100
	17UVC3N1P	IV	Non Major Elective I		2	2	-	100	100
	17UCN3S1		Skill Based Elective - I	Soft Skills Development	2	2	-	100	100
			TOTAL		30	21			800
IV	17U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UVC4C7		Core– VII	Media Production	4	4	25	75	100
	17UVC4C8	III	Core - VIII	Media Research Orientation	4	3	25	75	100
	17UVC4A7P		Allied– VII	Radio Production - Practical	4	3	20	80	100
	17UVC4A8P		Allied–VIII	Television Production - Practical	4	2	20	80	100
	17UVC4N2P	IV	Non Major Elective - II		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
			TOTAL		30	21			700
V	17UVC5C9		Core – IX	Media Laws and Ethics	6	5	25	75	100
	17UVC5C10		Core – X	Film Studies	6	5	25	75	100
	17UVC5C11P	III	Core – XI	3D animation - Practical	6	5	20	80	100
	17UVC5C12 I		Core - XII (a)	Internship	_	3	10	40	50
	17UVC5C12P		Core – XII (b)	Domain Study - Practical	3	2	10	40	50
	17UVC5M1 A/ B P		Major Based Elective-I		5	4	20	80	100
	17UVC5S2 A/ B P	IV	Skill Based Elective II		2	2	-	100	100
	17UVC5S3 A/ B P		Skill Based Elective-III		2	2	-	100	100
	17UVC5EC1P		Extra Credit Course - I	Film Review - Practical	-	4*	--	100*	100*
			TOTAL		30	28			700
VI	17UVC6C13T		Core– XIII (a)	Communication for Development	3	3	10	40	50
	17UVC6C13P		Core– XIII (b)	Communication for Development-Practical	3	2	10	40	50
	17UVC6C14		Core– XIV	Visual Analysis	5	5	25	75	100
	17UVC6C15	III	Core – XV	Media Management	4	4	25	75	100
	17UVC6C16P		Core – XVI	Visual Storytelling - Practical	5	5	20	80	100
	17UVC6M2 A/B P		Major Based Elective II		5	4	20	80	100
	17UVC6M3 A/B P		Major Based Elective III		4	4	20	80	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UVC6EC2		Extra Credit Course - II	Reporting and Writing	-	4*	--	100*	100*
			TOTAL		30	29			700
			GRAND TOTAL		180	140	-	-	4300

* - Not considered for Grand Total and CGPA

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UVC5S2AP	Radio Jockey - Practical
	17UVC5S2BP	Cartoon Drawing - Practical
	17UVC5S3AP	Art of Acting - Practical
	17UVC5S3BP	Clay Modelling - Practical

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UVC5M1AP	A : Practical - Writing for Mass Media - Practical
	17UVC5M1BP	B : Practical - Language of film - Practical
VI	17UVC6M2AP	A : Practical - Editing - Practical
	17UVC6M2BP	B : Practical - Web Designing - Practical
	17UVC6M3AP	A : Practical - Show Reel Creation - Practical
	17UVC6M3BP	B : Practical - Creative Advertising - Practical

B.Sc. ZOOLOGY

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs / Week	CREDIT	CIA	ESE	TOTAL
I	17U1LT1/LA1/LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	17UCN1E1	II	English - I		6	3	25	75	100
	17UZO1C1		Core – I	Biology of Invertebrates	4	4	25	75	100
	17UZO1C2 P		Core – II	Biology of Invertebrates - Practical I	4	3	20	80	100
	17UCH1A1:2	III	Allied –I	Inorganic, Organic and Physical Chemistry-I	5	4	25	75	100
	17UCH1A2P		Allied –II	Volumetric analysis Practical	3	2	20	80	100
	17UCN1VE	IV	Value Education	Value Education	2	2	-	100	100
				TOTAL	30	21			700
II	17U2LT2/LA2/LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	17UCN2E2	II	English – II		6	3	25	75	100
	17UZO2C3		Core – III	Biology of Chordates	5	4	25	75	100
	17UZO2C4 P		Core – IV	Biology of Chordates – Practical II	4	3	20	80	100
	17UCH2A3:2	III	Allied – III	Inorganic, Organic and Physical Chemistry-III	4	3	25	75	100
	17UCH2A4P		Allied –IV	Organic Analysis Practical	3	2	20	80	100
	17UCN2ES	IV	Environmental Studies	Environmental Studies	2	2	-	100	100
				TOTAL	30	20			700
III	17U3LT3/LA3/LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	17UCN3E3	II	English – III		6	3	25	75	100
	17UZO3C5		Core– V	Cell and Molecular Biology	4	4	25	75	100
	17UZO3C6 P	III	Core– VI	Cell and Molecular Biology - Practical III	3	2	20	80	100
	17UBO3A5		Allied– V	Algae, Fungi, Bryophytes, Peridophytes and Gymnosperms	4	3	25	75	100
	17UBO3A6 P	III	Allied–VI	Laboratory Course for Allied Botany V	3	2	20	80	100
	17UZO3N1	IV	Non Major Elective –I#		2	2	-	100	100
	17UCN3S1		Skill Based Elective -I@	Soft Skills Development	2	2	-	100	100
				TOTAL	30	21			800
IV	17U4LT4/LA4/LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	17UCN4E4	II	English– IV		6	3	25	75	100
	17UZO4C7		Core– VII	Animal Physiology	4	4	25	75	100
	17UZO4C8 P		Core - VIII	Animal Physiology - Practical IV	4	3	20	80	100
	17UBO4A7	III	Allied– VII	Angiosperm Taxonomy, Anatomy, Embryology and Plant Physiology	5	3	25	75	100
	17UBO4A8 P		Allied–VIII	Laboratory Course for Allied Botany VII	3	2	20	80	100
	17UZO4N2	IV	Non Major Elective -II#		2	2	-	100	100
	17UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	30	21			700
V	17UZO5C9		Core – IX	Biostatistics, Bioinformatics and Computer Application	6	5	25	75	100
	17UZO5C10	III	Core – X	Genetics	5	5	25	75	100
	17UZO5C11		Core – XI	Microbiology	5	5	25	75	100
	17UZO5C12		Core - XII	Developmental Biology	5	5	25	75	100
	17UZO5M1A/B P		Major Based Elective- I**		5	4	20	80	100
	17UZO5S2 A/B	IV	Skill Based Elective-II@		2	2	-	100	100
	17UZO5S3 A/B		Skill Based Elective-III @		2	2	-	100	100
	17UZO5EC1		Extra Credit Course - I	Water Pollution Management	-	4*	--	100*	100*
				TOTAL	30	28			700
VI	17UZO6C13		Core– XIII	Biochemistry and Biophysics	5	5	25	75	100
	17UZO6C14		Core– XIV	Immunology	5	5	25	75	100
	17UZO6C15	III	Core - XV	Economic Entomology	5	5	25	75	100
	17UZO6C16		Core XVI	Environmental Biology and Evolution	5	5	25	75	100
	17UZO6M2A/B P		Major Based Elective- II		5	4	20	80	100
	17UZO6M3 A/B		Major Based Elective- III		4	4	25	75	100
	17UCN6GS	V	Gender Studies	Gender Studies	1	1	-	100	100
	17UZO6EC2		Extra Credit Course- II	Wildlife Biology	-	4*	--	100*	100*
				TOTAL	30	29			700

* - Not considered for Grand Total and CGPA

- Non Major Elective: Students have to choose one of the courses offered by other departments from the list given in Page Number 27 & 28 during semester II and III respectively.

@ Skill Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UZO5S2A	Applied Zoology
	17UZO5S2B	Solid Waste Management
V	17UZO5S3A	Biotechnology
	17UZO5S3B	Recombinant DNA Technology

** Major Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
V	17UZO5M1AP	Biostatistics, Bioinformatics, Computer Application, Genetics, Microbiology and Developmental Biology – Practical V
	17UZO5M1BP	Instrumentation-I - Practical V
VI	17UZO6M2AP	Biochemistry, Biophysics, Immunology, Economic Entomology, Evolution and Environmental Biology - Practical VI
	17UZO6M2BP	Instrumentation – II – Practical VI
VI	17UZO6M3A	Poultry Science
	17UZO6M3B	Pisciculture

COURSE STRUCTURE FOR PG PROGRAMMES

(Under CBCS w.e.f. 2017-2018)

M.A. ARABIC

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS		TOTAL
						CIA	ESE	
I	17PAR1C1	Core - I	Grammar I	6	5	25	75	100
	17PAR1C2	Core - II	Classical Prose I	6	5	25	75	100
	17PAR1C3	Core - III	History of Islamic Legislation	6	4	25	75	100
	17PAR1C4	Core - IV	Thareekhul Adab I	6	4	25	75	100
	17PAR1CE1 A/B	Elective - I#		6	4	25	75	100
			TOTAL	30	22	-	-	500
II	17PAR2C5	Core - V	Grammar II	6	5	25	75	100
	17PAR2C6	Core - VI	Classical Prose II	6	5	25	75	100
	17PAR2C7	Core - VII	Classical Poetry	6	4	25	75	100
	17PAR2C8	Core - VIII	Islamic Philosophy	6	4	25	75	100
	17PAR2CE2 A/B	Elective - II #		6	4	25	75	100
			TOTAL	30	22	-	-	500
III	17PAR3C9	Core - IX	Modern Prose	6	5	25	75	100
	17PAR3C10	Core - X	Drama & Short Stories	6	5	25	75	100
	17PAR3C11	Core - XI	Thareekhul Adab II	6	4	25	75	100
	17PAR3C12	Core - XII	Biography	6	4	25	75	100
	17PAR3CE3 A/B	Elective - III #		6	4	25	75	100
	17PAR3EC1	Extra Credit - I	Quran and Hadith	-	5*	-	100	100*
			TOTAL	30	22	-	-	500
IV	17PAR4C13	Core - XIII	Modern Poetry	6	5	25	75	100
	17PAR4C14	Core - XIV	Translation and Communication Skills in Arabic	6	5	25	75	100
	17PAR4C15	Core – XV	Contemporary Arab World	6	5	25	75	100
	17PAR4CE4AT	Elective - IV #		3	2	10	40	50
	17PAR4CE4AP	Elective - IV #		3	2	10	40	50
	17PAR4PW	Project		6	5	-	100	100
	17PAR4EC2	Extra Credit - II	Arabic for competitive Examinations	-	5*	-	100	100*
			TOTAL	30	24	-	-	500
			GRAND TOTAL	-	90	-	-	2000

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PAR1CE1A	Aqeeda
	17PAR1CE1B	Indian Islamic History
II	17PAR2CE2A	Translation Skills & Essays in Arabic
	17PAR2CE2B	Shiru's Sahaba
III	17PAR3CE3A	Competitive Skills in Arabic
	17PAR3CE3B	Cultural History of Islam
IV	17PAR4CE4AT	Computer Applications in Arabic - Theory
	17PAR4CE4AP	Computer Applications in Arabic - Practical
	17PAR4CE4B	The Ottoman Empire

ADDITIONAL COURSE FOR GETTING AALIM SANAD

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs / Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17IAS1C1	III	Core - I	Tajweedul Quran	6	4	25	75	100
	17IAS1C2	III	Core - II	Urdu I	6	4	25	75	100
				TOTAL	12	8	50	150	200
II	17IAS2C3	III	Core - III	Arabic Reader	6	4	25	75	100
	17IAS2C4	III	Core - IV	Urdu II	6	4	25	75	100
				TOTAL	12	8	50	150	200
III	17IAS3C5	III	Core - V	Thafseer I	6	4	25	75	100
	17IAS3C6	III	Core - VI	Fiqh I	6	4	25	75	100
				TOTAL	12	8	50	150	200
IV	17IAS4C7	III	Core - VII	Hadeeth I	6	4	25	75	100
	17IAS4C8	III	Core - VIII	Fiqh II	6	4	25	75	100
				TOTAL	12	8	50	150	200
V	17IAS5C9	III	Core - IX	Thafseer II	6	4	25	75	100
	17IAS5C10	III	Core – X	Fiqh III	6	4	25	75	100
				TOTAL	12	8	50	150	200
VI	17IAS6C11	III	Core - XI	Thareekhul Islam	6	4	25	75	100
	17IAS6C12	III	Core - XII	Hadeeth II	6	4	25	75	100
				TOTAL	12	8	50	150	200
VII	17IAS7C13	III	Core - XIII	Thafseer III	6	4	25	75	100
	17IAS7C14	III	Core - XIV	Usool ul Hadeeth	6	4	25	75	100
				TOTAL	12	8	50	150	200
VIII	17IAS8C15	III	Core - XV	Meerath	6	4	25	75	100
	17IAS8C16	III	Core - XVI	Usool ul Fiqh	6	4	25	75	100
				TOTAL	12	8	50	150	200
IX	17IAS9C17	III	Core - XVII	Usool ut Thafseer	6	4	25	75	100
	17IAS9C18	III	Core - XVIII	Fiqh IV	6	4	25	75	100
				TOTAL	12	8	50	150	200
X	17IAS10C19	III	Core - XIX	Hadeeth III	6	4	25	75	100
	17IAS10C20	III	Core - XX	Thareekh ul Madhahib	6	4	25	75	100
				TOTAL	12	8	50	150	200
				GRAND TOTAL	120	80	500	1500	2000

M.A. ENGLISH

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs /Week	CREDIT	CIA	ESE	TOTAL
I	17PEN1C1	Core – I	British Literature -I	6	5	25	75	100
	17PEN1C2	Core – II	British Literature -II	6	5	25	75	100
	17PEN1C3	Core – III	British Literature -III	6	4	25	75	100
	17PEN1C4	Core – IV	American Literature	6	4	25	75	100
	17PEN1CE1 A/B	Elective – I#		6	4	25	75	100
			TOTAL	30	22			500
II	17PEN2C5	Core – V	British Literature -IV	6	5	25	75	100
	17PEN2C6	Core – VI	Study of English Language and Structure of Modern English	6	5	25	75	100
	17PEN2C7	Core – VII	Shakespeare	6	4	25	75	100
	17PEN2C8	Core – VIII	Indian Writing in English	6	4	25	75	100
	17PEN2CE2 A/B	Elective – II#		6	4	25	75	100
			TOTAL	30	22			500
III	17PEN3C9	Core – IX	Theory of Comparative Literature and Classics in Translation	6	5	25	75	100
	17PEN3C10	Core – X	Postcolonial Literatures	6	5	25	75	100
	17PEN3C11	Core – XI	Voices of Women in Literature	6	4	25	75	100
	17PEN3C12	Core – XII	English Language Teaching	6	4	25	75	100
	17PEN3CE3 A/B	Elective –III#		6	4	25	75	100
	17PEN3EC1	Extra Credit - I	Inspirational Literature in English	-	5*	-	100	100*
			TOTAL	30	22			500
IV	17PEN4C13	Core – XIII	Research Techniques and Methodology	6	5	25	75	100
	17PEN4C14	Core – XIV	Contemporary Literary Criticism	6	5	25	75	100
	17PEN4C15	Core – XV	Post Modern Literature	6	5	25	75	100
	17PEN4CE4 A/B	Elective – IV#		6	4	25	75	100
	17PEN4PW	Project		6	5	-	100	100
	17PEN4EC4	Extra Credit - II	Memoir Literature	-	5*	-	100	100*
			TOTAL	30	24			500
			GRAND TOTAL		90			2000

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PEN1CE1A	Mass Media Studies
	17PEN1CE1B	Discourse Analysis and Pragmatics
II	17PEN2CE2A	Advanced Communication Skills
	17PEN2CE2B	Creative Writing
III	17PEN3CE3A	English Literature for Career Examinations
	17PEN3CE3B	Regional Literature in English
IV	17PEN4CE4A	South Asian Fiction
	17PEN4CE4B	Science Fiction

M.A. TAMIL

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17PTA1C1	Core– I	தொல்காப்பியம் - எழுத்ததிகாரம்	6	5	25	75	100
	17PTA1C2	Core – II	நவீன இலக்கியம்	6	5	25	75	100
	17PTA1C3	Core– III	பக்தி இலக்கியம்	6	4	25	75	100
	17PTA1C4	Core– IV	திறனாய்வும் தமிழிலக்கியக்கொள்கைகளும்	6	4	25	75	100
	17PTA1CE1 A/B	Elective– I #		6	4	25	75	100
			TOTAL	30	22			**500**
II	17PTA2C5	Core– V	தொல்காப்பியம் -சொல்லதிகாரம்	6	5	25	75	100
	17PTA2C6	Core– VI	காப்பிய இலக்கியம்	6	5	25	75	100
	17PTA2C7	Core– VII	ஒப்பிலக்கியமும் மொழிபெயர்ப்பியலும்	6	4	25	75	100
	17PTA2C8	Core– VIII	இஸ்லாமியத் தமிழ் இலக்கிய வரலாறு	6	4	25	75	100
	17PTA2CE2 A/B	Elective– II #		6	4	25	75	100
			TOTAL	30	22			**500**
III	17PTA3C9	Core– IX	தொல்காப்பியம்- பொருளதிகாரம்	6	5	25	75	100
	17PTA3C10	Core– X	தமிழ்ச் செவ்விலக்கியம்	6	5	25	75	100
	17PTA3C11	Core– XI	தமிழ் ஊடகவியல்	6	4	25	75	100
	17PTA3C12	Core– XII	படைப்புத்திறன்	6	4	25	75	100
	17PTA3CE3 A/B	Elective– III #		6	4	25	75	100
	17PTA3EC1	Extra Credit - I	NET/SET General Paper	-	5*	-	100	100*
			TOTAL	30	22			**500**
IV	17PTA4C13	Core– XIII	சீறாப்புராணம்	6	5	25	75	100
	17PTA4C14	Core– XIV	ஒப்பீட்டு நோக்கில் உலகச் செம்மொழிகள்	6	5	25	75	100
	17PTA4C15	Core– XV	தமிழ் இலக்கண வரலாறு	6	5	25	75	100
	17PTA4CE4 A/B	Elective - IV #		6	4	25	75	100
	17PTA4PW	Project		6	5	-	100	100
	17PTA4EC2	Extra Credit - II	பயன்முறை இலக்கணம்	-	5*	-	100	100*
			TOTAL	30	24			**500**
			GRAND TOTAL		90			**2000**

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PTA1CE1A	பண்பாட்டு மானுடவியல்
	17PTA1CE1B	தமிழ்மொழி வரலாறு
II	17PTA2CE2A	தமிழர் வரலாறும் பண்பாடும்
	17PTA2CE2B	அகராதியியல்
III	17PTA3CE3A	போட்டித்தேர்வுத் தமிழ்
	17PTA3CE3B	நாட்டுப்புறவியல்
IV	17PTA4CE4A	தமிழர் வளர்த்த கலைகள்
	17PTA4CE4B	கடித இலக்கியம்

M.A. ECONOMICS

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS		TOTAL
						CIA	ESE	
I	17PEC1C1	Core– I	Advanced Micro Economic Theory - I	6	5	25	75	100
	17PEC1C2	Core – II	Advanced Macro Economic Theory	6	5	25	75	100
	17PEC1C3	Core– III	Mathematical Applications in Economic Analysis	6	4	25	75	100
	17PEC1C4	Core– IV	International Economics	6	4	25	75	100
	17PEC1CE1 A/B	Elective– I #		6	4	25	75	100
			TOTAL	30	22			500
II	17PEC2C5	Core– V	Advanced Micro Economic Theory - II	6	5	25	75	100
	17PEC2C6	Core– VI	Monetary Economic Theory	6	5	25	75	100
	17PEC2C7	Core– VII	Statistical Methods for Economics	6	4	25	75	100
	17PEC2C8	Core– VIII	Evolution of Economic Thought	6	4	25	75	100
	17PEC2CE2 A/B	Elective– II #		6	4	25	75	100
			TOTAL	30	22			500
III	17PEC3C9	Core– IX	Research Methods in Economics	6	5	25	75	100
	17PEC3C10	Core– X	Managerial Economics	6	5	25	75	100
	17PEC3C11	Core– XI	Economics of Growth and Development	6	4	25	75	100
	17PEC3C12T	Core– XII	Computer Applications in Economics - Theory	3	2	10	40	50
	17PEC3C12P	Core– XII	Computer Applications in Economics - Practical	3	2	10	40	50
	17PEC3CE3 A/B	Elective– III #		6	4	25	75	100
	17PEC3EC1	Extra Credit - I	Agricultural Economics	-	5*	-	100	100*
			TOTAL	30	22			500
IV	17PEC4C13	Core– XIII	Indian Economic Development	6	5	25	75	100
	17PEC4C14	Core– XIV	Public Finance	6	5	25	75	100
	17PEC4C15	Core– XV	Comparative Economic Systems	6	5	25	75	100
	17PEC4CE4 A/B	Elective - IV #		6	4	25	75	100
	17PEC4PW	Project		6	5	-	100	100
	17PEC4EC2	Extra Credit - II	Labour Economics	-	5*	-	100	100*
			TOTAL	30	24			500
			GRAND TOTAL		90			2000

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PEC1CE1A	Environmental Economics
	17PEC1CE1B	Personnel Management
II	17PEC2CE2A	Export Management
	17PEC2CE2B	Industrial Economics
III	17PEC3CE3A	Financial Economics
	17PEC3CE3B	Entrepreneurial Development
IV	17PEC4CE4A	Econometrics
	17PEC4CE4B	Theory and Practices of Interest Free Banking and Finance

M.A. HISTORY

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17PHS1C1	Core– I	Cultural History of India upto 1206 C.E.	6	5	25	75	100
	17PHS1C2	Core – II	History of Europe from 1453 C.E. to 1815 C.E.	6	5	25	75	100
	17PHS1C3	Core– III	Islamic History and Culture upto 1258 C.E.	6	4	25	75	100
	17PHS1C4	Core– IV	History of USA from 1865 C.E. to 1992 C.E.	6	4	25	75	100
	17PHS1CE1 A/B	Elective– I #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
II	17PHS2C5	Core– V	Cultural History of India From 1206 C.E. to 1757 C.E.	6	5	25	75	100
	17PHS2C6	Core– VI	Social and Cultural History of Tamil Nadu upto 1336 C.E.	6	5	25	75	100
	17PHS2C7	Core– VII	History of Europe from 1815 C.E. to 1945 C.E.	6	4	25	75	100
	17PHS2C8	Core– VIII	Foreign Policy of India	6	4	25	75	100
	17PHS2CE2 A/B	Elective– II #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
III	17PHS3C9	Core– IX	History of Modern India from 1757 C.E. to 1947 C.E.	6	5	25	75	100
	17PHS3C10	Core– X	Social and Cultural History of Tamil Nadu from 1336 C.E. to 1987 C.E.	6	5	25	75	100
	17PHS3C11	Core– XI	Indian Administration	6	4	25	75	100
	17PHS3C12	Core– XII	History of World Civilizations (Excluding India)	6	4	25	75	100
	17PHS3CE3 A/B	Elective– III #		6	4	25	75	100
	17PHS3EC1	Extra Credit - I	Historical Monuments in Tiruchirappalli	-	5*	-	100	100*
			TOTAL	**30**	**22**			**500**
IV	17PHS4C13	Core– XIII	Historiography	6	5	25	75	100
	17PHS4C14	Core– XIV	India after Independence	6	5	25	75	100
	17PHS4C15	Core– XV	History of Far East	6	5	25	75	100
	17PHS4CE4 A/B	Elective - IV #		6	4	25	75	100
	17PHS4PW	Project		6	5	-	100	100
	17PHS4EC2	Extra Credit - II	Reasoning and Ability	-	5*	-	100	100*
			TOTAL	**30**	**24**			**500**
			GRAND TOTAL		**90**			**2000**

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PHS1CE1A	Intellectual History of India
	17PHS1CE1B	History of Science and Technology
II	17PHS2CE2A	Constitution of India
	17PHS2CE2B	Modern Political Thoughts
III	17PHS3CE3A	Human Rights
	17PHS3CE3B	Intellectuals of Tamil Nadu
IV	17PHS4CE4A	General Knowledge for Competitive Examinations
	17PHS4CE4B	Panchayat Raj

M.Com.

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs /Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17PCO1C1	Core– I	Corporate Legal Framework	6	5	25	75	100
	17PCO1C2	Core – II	Managerial Economics	6	5	25	75	100
	17PCO1C3	Core– III	Advanced Cost Management	6	4	25	75	100
	17PCO1C4	Core– IV	Indirect Taxes	6	4	25	75	100
	17PCO1CE1 A/B	Elective– I #		6	4	25	75	100
			TOTAL	30	22			500
II	17PCO2C5	Core– V	Quantitative Techniques	6	5	25	75	100
	17PCO2C6	Core– VI	Global Financial Management	6	5	25	75	100
	17PCO2C7	Core– VII	Strategic Management	6	4	25	75	100
	17PCO2C8 T	Core– VIII	Enterprise Resource Planning - Theory	3	2	10	40	50
	17PCO2C8 P	Core– VIII	Enterprise Resource Planning - Practical	3	2	10	40	50
	17PCO2CE2 A/B	Elective– II #		6	4	25	75	100
			TOTAL	30	22			500
III	17PCO3C9	Core– IX	Research Methodology	6	5	25	75	100
	17PCO3C10	Core– X	Security Analysis and Portfolio Management	6	5	25	75	100
	17PCO3C11	Core– XI	Customer Relationship Management	6	4	25	75	100
	17PCO3C12	Core– XII	Advanced Corporate Accounting	6	4	25	75	100
	17PCO3CE3 A/B	Elective– III #		6	4	25	75	100
	17PCO3EC1	Extra Credit - I	Project Finance	-	5*	-	100	100*
			TOTAL	30	22			500
IV	17PCO4C13	Core– XIII	Corporate Governance	6	5	25	75	100
	17PCO4C14	Core– XIV	International Marketing	6	5	25	75	100
	17PCO4C15	Core– XV	Export Management	6	5	25	75	100
	17PCO4CE4 A/B	Elective - IV #		6	4	25	75	100
	17PCO4PW	Project		6	5	-	100	100
	17PCO4EC2	Extra Credit - II	Training and Development	-	5*	-	100	100*
			TOTAL	30	24			500
			GRAND TOTAL		90			2000

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PCO1CE1A	Human Resource Management
	17PCO1CE1B	Bank Management
II	17PCO2CE2A	Organisational Behaviour
	17PCO2CE2B	Consumer Behaviour
III	17PCO3CE3A	Industrial Legislations
	17PCO3CE3B	International Trade
IV	17PCO4CE4A	Industrial Relations
	17PCO4CE4B	Knowledge Management

M.Sc. BOTANY

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	CIA	ESE	TOTAL
I	17PBO1C1	Core– I	Plant diversity I (Thallophytes and Bryophytes)	6	5	25	75	100
	17PBO1C2	Core – II	Plant diversity II (Pteridophytes, Gymnosperms and Paleobotany)	6	5	25	75	100
	17PBO1C3	Core– III	Microbiology, Plant Pathology and Immunology	6	4	25	75	100
	17PBO1C4P	Core– IV	Laboratory Course for Core I, II & III	6	4	20	80	100
	17PBO1CE1 A/B	Elective– I#		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
II	17PBO2C5	Core– V	Cell and Molecular Biology	6	5	25	75	100
	17PBO2C6	Core– VI	Plant Anatomy and Embryology	6	5	25	75	100
	17PBO2C7	Core– VII	Genetics, Evolution and Plant breeding	6	4	25	75	100
	17PBO2C8P	Core– VIII	Laboratory Course for Core V, VI & VII	6	4	20	80	100
	17PBO2CE2 A/B	Elective– II#		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
III	17PBO3C9	Core– IX	Plant Physiology	6	5	25	75	100
	17PBO3C10	Core– X	Biochemistry, Biophysics and Bioinstrumentation	6	5	25	75	100
	17PBO3C11	Core– XI	Plant Systematics and Ethnobotany	6	4	25	75	100
	17PBO3C12P	Core– XII	Laboratory Course for Core IX, X & XI	6	4	20	80	100
	17PBO3CE3 A/B	Elective– III#		6	4	25	75	100
	17PBO3EC1	Extra Credit - I	Organic Farming	-	5*	-	100	100*
			TOTAL	**30**	**22**			**500**
IV	17PBO4C13	Core– XIII	Plant Biotechnology	6	5	25	75	100
	17PBO4C14	Core– XIV	Plant Ecology and Conservation Biology	6	5	25	75	100
	17PBO4C15P	Core– XV	Laboratory Course for Core XIII & XIV	6	5	20	80	100
	17PBO4CE4 A/B	Elective – IV#		6	4	25	75	100
	17PBO4PW	Project Work		6	5	-	100	100
	17PBO4EC2	Extra Credit -II	Botanical pharmacy	-	5*	-	100	100*
			TOTAL	**30**	**24**			**500**
			GRAND TOTAL		**90**			**2000**

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PBO1CE1A	Industrial Botany
	17PBO1CE1B	Agricultural Microbiology
II	17PBO2CE2A	Horticulture and Greenhouse Technology
	17PBO2CE2B	Floriculture
III	17PBO3CE3A	Bioinformatics and Biostatistics
	17PBO3CE3B	Biodiversity and Conservation
IV	17PBO4CE4A	Plant Tissue Culture
	17PBO4CE4B	Marine Ecology

M.Sc. BIOTECHNOLOGY

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs / week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17PBT1C1	Core - I	Cell Biology	6	5	25	75	100
	17PBT1C2	Core - II	Advanced Biochemistry	6	5	25	75	100
	17PBT1C3	Core - III	Immunology and Immuno technology	6	4	25	75	100
	17PBT1C4P	Core IV	Cell Biology, Advanced Biochemistry, Immunology and Immunotechnology - Practical	6	4	20	80	100
	17PBT1CE1 A/B	Elective – I#	-	6	4	25	75	100
			TOTAL	30	22			500
II	17PBT2C5	Core - V	Applied Microbiology	6	5	25	75	100
	17PBT2C6	Core - VI	Molecular Biology and Microbial Genetics	6	5	25	75	100
	17PBT2C7	Core - VII	Recombinant DNA Technology	6	4	25	75	100
	17PBT2C8P	Core VIII	Applied Microbiology, Molecular Biology and Microbial Genetics and Recombinant DNA Technology - Practical	6	4	20	80	100
	17PBT2CE2 A/B	Elective – II#	-	6	4	25	75	100
			TOTAL	30	22			500
III	17PBT3C9	Core - IX	Plant Biotechnology	6	5	25	75	100
	17PBT3C10	Core - X	Animal Biotechnology	6	5	25	75	100
	17PBT3C11	Core - XI	Bioinformatics and Biostatistics	6	4	25	75	100
	17PBT3C12P	Core - XII	Plant Biotechnology, Animal Biotechnology, Bioinformatics and Biostatistics - Practical	6	4	20	80	100
	17PBT3CE3 A/B	Elective– III#	-	6	4	25	75	100
	17PBT3EC1	Extra Credit – 1	Genetic Toxicology	-	5*	--	100	100*
			TOTAL	30	22			500
IV	17PBT4C13	Core - XIII	Industrial Biotechnology	6	5	25	75	100
	17PBT4C14	Core - XIV	Environmental Biotechnology	6	5	25	75	100
	17PBT4C15P	Core - XV	Industrial Biotechnology and Environmental Biotechnology - Practical	6	5	20	80	100
	17PBT4PW	Project		12	9	-	200	200
	17PBT4EC2	Extra Credit – II	Agricultural Biotechnology	-	5*	--	100	100*
			TOTAL	30	24			500
			GRAND TOTAL		90	-	-	2000

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PBT1CE1A	Bioinstrumentation
	17PBT1CE1B	Enzymology and Enzyme Technology
II	17PBT2CE2A	Biopharmaceuticals in Nanomedicine
	17PBT2CE2B	Stem Cell Biology
III	17PBT3CE3A	Research Methodology, IPR and Biosafety
	17PBT3CE3B	Genomics and Proteomics

M.Sc. CHEMISTRY

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17PCH1C1	Core– I	Structure, bonding, Acids-bases and Radioactivity	6	5	25	75	100
	17PCH1C2	Core – II	Nomenclature and Reaction Mechanism	6	5	25	75	100
	17PCH1C3P	Core– III	Inorganic Estimation and Complex Preparations - Practical	6	4	20	80	100
	17PCH1C4P	Core– IV	Organic Estimation and Chromatography- Practical	6	4	20	80	100
	17PCH1CE1A/B	Elective– I #		6	4	25	75	100
			TOTAL	30	22			500
II	17PCH2C5	Core– V	Stereochemistry and Natural Products	6	5	25	75	100
	17PCH2C6	Core– VI	Group Theory and Spectroscopy	6	5	25	75	100
	17PCH2C7P	Core– VII	Inorganic Qualitative Analysis and Colorimetric Estimations - Practical	6	4	20	80	100
	17PCH2C8P	Core– VIII	Organic Preparations and Mixture Analysis - Practical	6	4	20	80	100
	17PCH2CE2A/B	Elective– II #		6	4	25	75	100
			TOTAL	30	22			500
III	17PCH3C9	Core– IX	Inorganic Spectroscopy, Solid State and Bio-Inorganic Chemistry	6	5	25	75	100
	17PCH3C10	Core– X	Organic Spectroscopy and steroids	6	5	25	75	100
	17PCH3C11	Core– XI	Industrial Chemistry	6	4	25	75	100
	17PCH3C12P	Core– XII	Physical Chemistry Non-Electrical - Practical	6	4	20	80	100
	17PCH3CE3A/B	Elective– III #		6	4	25	75	100
	17PCH3EC1	Extra Credit - I	Analytical Techniques	-	5*	-	100	100*
			TOTAL	30	22			500
IV	17PCH4C13	Core– XIII	Surface Phenomena,Statistical thermodynamics and Phase rule	6	5	25	75	100
	17PCH4C14	Core– XIV	Polymer Chemistry	6	5	25	75	100
	17PCH4C15P	Core– XV	Physical Chemistry Electrical - Practical	6	5	20	80	100
	17PCH4CE4A/B	Elective - IV #		6	4	25	75	100
	17PCH4PW	Project		6	5	-	100	100
	17PCH4EC2	Extra Credit - II	Instrumentation and Separation Techniques	-	5*	-	100	100*
			TOTAL	30	24			500
			GRAND TOTAL		90			2000

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PCH1CE1A	Chemical Kinetics, Electrodics and Quantum Mechanics
	17PCH1CE1B	Quantum chemistry and Spectroscopy
II	17PCH2CE2A	Coordination Compounds and Spectral Characterization
	17PCH2CE2B	Spectroscopy of Inorganic Complexes and Organometallics
III	17PCH3CE3A	Special Topics in Chemistry
	17PCH3CE3B	Material Chemistry
IV	17PCH4CE4A	Nano and Green Chemistry
	17PCH4CE4B	Quality Control and Environmental Chemistry

M.Sc. COMPUTER SCIENCE

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17PCS1C1	Core– I	Advanced Java Programming	6	5	25	75	100
	17PCS1C2	Core – II	Python Programming	6	5	25	75	100
	17PCS1C3	Core– III	Mathematical Foundations	6	4	25	75	100
	17PCS1C4P1	Core– IV A	Advanced Java Programming Lab	3	2	10	40	50
	17PCS1C4P2	Core– IV B	Python Programming Lab	3	2	10	40	50
	17PCS1CE1 A/B	Elective– I #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
II	17PCS2C5	Core– V	Distributed Database Systems	6	5	25	75	100
	17PCS2C6	Core– VI	Open Source Technology	6	5	25	75	100
	17PCS2C7	Core– VII	Design and Analysis of Algorithms	6	4	25	75	100
	17PCS2C8P1	Core– VIII A	RDBMS Lab	3	2	10	40	50
	17PCS2C8P2	Core– VIII B	Open Source Lab	3	2	10	40	50
	17PCS2CE2 A/B	Elective– II #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
III	17PCS3C9	Core– IX	.Net Technologies	6	5	25	75	100
	17PCS3C10	Core– X	Principles of Compiler Design	6	5	25	75	100
	17PCS3C11	Core– XI	Distributed Operating Systems	6	4	25	75	100
	17PCS3C12P1	Core– XII A	.Net Technologies Lab	3	2	10	40	50
	17PCS3C12P2	Core– XII B	Microprocessor Lab	3	2	10	40	50
	17PCS3CE3 A/B	Elective– III #		6	4	25	75	100
	17PCS3EC1	Extra Credit - I	J2EE Technology	-	5*	-	100	100*
			TOTAL	**30**	**22**			**500**
IV	17PCS4C13	Core– XIII	Middleware Technology	6	5	25	75	100
	17PCS4C14P	Core– XIV	Middleware Technology Lab	6	5	20	80	100
	17PCS4PW	Project		18	14	-	300	300
	17PCS4EC2	Extra Credit - II	Software testing and Quality Assurance	-	5*	-	100	100*
			TOTAL	**30**	**24**			**500**
			GRAND TOTAL		**90**			**2000**

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PCS1CE1A	Advanced Computer Architecture
	17PCS1CE1B	Embedded Systems
II	17PCS2CE2A	Computer Networks
	17PCS2CE2B	Cryptography and Network Security
III	17PCS3CE3A	Microprocessors and Microcontrollers
	17PCS3CE3B	Cloud computing

M.C.A.

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17MCA1C1	Core - I	Programming in C	4	3	25	75	100
	17MCA1C2	Core - II	Mathematical Foundations	4	3	25	75	100
	17MCA1C3	Core - III	Computer Organization and Architecture	4	3	25	75	100
	17MCA1C4	Core - IV	Computer Graphics	4	3	25	75	100
	17MCA1C5	Core - V	Data Structures and Algorithms	4	3	25	75	100
	17MCA1C6P	Core - VI	C Programming Lab	4	3	20	80	100
	17MCA1C7P	Core - VII	Animation Lab	4	3	20	80	100
		Skill Based Elective - I	Communication Skills *	2	-	-	-	-
			TOTAL	30	21			700
II	17MCA2C8	Core - VIII	Object Oriented Programming with C++	4	3	25	75	100
	17MCA2C9	Core - IX	Numerical and Statistical Methods	4	3	25	75	100
	17MCA2C10	Core - X	Principles of Operating Systems	4	3	25	75	100
	17MCA2C11	Core - XI	Database Systems	4	3	25	75	100
	17MCA2C12	Core - XII	Enterprise Resource Planning	4	3	25	75	100
	17MCA2C13P	Core - XIII	Object Oriented Programming Lab	4	3	20	80	100
	17MCA2C14P	Core - XIV	Shell Programming Lab	4	3	20	80	100
	17MCA2S1	Skill Based Elective - I	Communication Skills *	2	3	100	-	100
	17MCA2PW1		Summer Project Work – I	-	2	40	60	100
			TOTAL	30	26			900
III	17MCA3C15	Core - XV	Programming in Java	4	3	25	75	100
	17MCA3C16	Core - XVI	Optimization Techniques	4	3	25	75	100
	17MCA3C17	Core - XVII	Computer Networks	4	3	25	75	100
	17MCA3C18	Core - XVIII	Accounting and Financial Management	4	3	25	75	100
	17MCA3CE1A/B/C	Core Based Elective-I #		4	4	25	75	100
	17MCA3C19P	Core - XIX	Java Programming Lab	4	3	20	80	100
	17MCA3C20P	Core - XX	RDBMS Lab	4	3	20	80	100
		Skill Based Elective – II	Quantitative Aptitude *	2	-	-	-	-
	17MCA3EC1	Extra Credit – I	Programming Smart Devices	-	4***		100	100
			TOTAL	30	22			700
IV	17MCA4C21	Core – XXI	.Net Technology	4	3	25	75	100
	17MCA4C22	Core – XXII	Computer Simulation and Modeling	4	3	25	75	100
	17MCA4C23	Core – XXIII	Microprocessors, iInterfacing and Applications	4	3	25	75	100
	17MCA4C24	Core – XXIV	Artificial Intelligence and Expert Systems	4	3	25	75	100
	17MCA4CE2A/B/C	Core Based Elective-II #		4	4	25	75	100
	17MCA4C25P	Core – XXV	Web Technology Lab	4	3	20	80	100
	17MCA4C26P	Core – XXVI	.Net Lab	4	3	20	80	100
	17MCA4S2	Skill Based Elective – II	Quantitative Aptitude *	2	3	100	-	100
	17MCA4PW2		Summer Project Work – II	-	2	40	60	100
	17MCA4EC2	Extra Credit – II	Network Security		4***		100	100
			TOTAL	30	27			900
V	17MCA5C27	Core- XXVII	Distributed Technology	4	3	25	75	100
	17MCA5C28	Core - XXVIII	Principles of Compiler Design	4	3	25	75	100
	17MCA5C29	Core - XXIX	Organizational Dynamics	4	3	25	75	100
	17MCA5CE3A/B/C	Core Based Elective– III #		4	4	25	75	100
	17MCA5CE4A/B/C	Core Based Elective– IV#		4	4	25	75	100
	17MCA5C30P	Core - XXX	Distributed Technology Lab	4	3	20	80	100
	17MCA5C31P	Core - XXXI	Mini Project Lab	4	3	20	80	100
	17MCA5S3	Skill Based Elective - III	Comprehensive Study **	2	1	100	-	100
	17MCA5EC3	Extra Credit -III	Cyber Security		4***		100	100
			TOTAL	30	24			800
VI	17MCA6PW		Industrial Experience and Project Work	30	20	80	120	200
			TOTAL	30	20			200
			GRAND TOTAL		140			4200

*   Fully Internal – Examination at the end of the year   # Core Based Electives

**   Paper fully Internal   *** Not considered for Grand Total and CGPA

 # Core Based Electives

 # Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
III	17MCA3CE1A	Multimedia Systems and Design
	17MCA3CE1B	Human Computer Interaction
	17MCA3CE1C	Mobile Communication
IV	17MCA4CE2A	Software Engineering
	17MCA4CE2B	Software Project Management
	17MCA4CE2C	Soft Computing
V	17MCA5CE3A	Principles of E-Commerce
	17MCA5CE3B	Data Warehousing and Data Mining
	17MCA5CE3C	Big Data Analytics
	17MCA5CE4A	Parallel Processing
	17MCA5CE4B	Grid Computing
	17MCA5CE4C	Cloud Computing

M.Sc. INFORMATION TECHNOLOGY

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17PIT1C1	Core– I	Web Technology	6	5	25	75	100
	17PIT1C2	Core – II	Data Structures and Algorithms	6	5	25	75	100
	17PIT1C3	Core– III	RDBMS	6	4	25	75	100
	17PIT1C4P1	Core– IV A	Web Technology Lab	3	2	10	40	50
	17PIT1C4P2	Core– IV B	RDBMS Lab	3	2	10	40	50
	17PIT1CE1 A/B	Elective– I #		6	4	25	75	100
			TOTAL	30	22			500
II	17PIT2C5	Core– V	Advanced Java Programming	6	5	25	75	100
	17PIT2C6	Core– VI	Distributed Operating Systems	6	5	25	75	100
	17PIT2C7	Core– VII	Software Testing	6	4	25	75	100
	17PIT2C8P	Core– VIII	Advanced Java Programming Lab	6	4	20	80	100
	17PIT2CE2 A/B	Elective– II #		6	4	25	75	100
			TOTAL	30	22			500
III	17PIT3C9	Core– IX	Mobile Standard and Architecture	6	5	25	75	100
	17PIT3C10	Core– X	Web Services	6	5	25	75	100
	17PIT3C11	Core– XI	Cloud Computing	6	4	25	75	100
	17PIT3C12P1	Core– XII A	Mobile Application Development Lab	3	2	10	40	50
	17PIT3C12P2	Core– XII B	Web Services Lab	3	2	10	40	50
	17PIT3CE3 A/B	Elective– III #		6	4	25	75	100
	17PIT3EC1	Extra Credit - I	Information Security	-	5*	-	100	100*
			TOTAL	30	22			500
IV	17PIT4C13	Core– XIII	Open Source Technology	6	5	25	75	100
	17PIT4C14P	Core– XIV	Open Source Technology Lab	6	5	20	80	100
	17PIT4PW	Project		18	14	-	300	300
	17PIT4EC2	Extra Credit - II	Enterprise Resource Planning	-	5*	-	100	100*
			TOTAL	30	24			500
			GRAND TOTAL		90			2000

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PIT1CE1A	Mobile Communications
	17PIT1CE1B	Computer Networks
II	17PIT2CE2A	Data Mining
	17PIT2CE2B	Cryptography and Network Security
III	17PIT3CE3A	Big Data Analytics
	17PIT3CE3B	TCP/IP Programming

M.Sc. FASHION TECHNOLOGY AND COSTUME DESIGNING

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs / Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17PFT1C1	Core– I	Advanced Textile Science	6	5	25	75	100
	17PFT1C2	Core – II	Advanced Knitting	6	5	25	75	100
	17PFT1C3	Core– III	Advanced Pattern Techniques	6	4	25	75	100
	17PFT1C4P	Core– IV	Computer Aided Fashion Designing – Practical I	6	4	20	80	100
	17PFT1CE1 A/B	Elective– I #		6	4	25	75	100
			TOTAL	30	22			500
II	17PFT2C5	Core– V	Quality Standards and Specifications	6	5	25	75	100
	17PFT2C6	Core– VI	Export Documentation	6	5	25	75	100
	17PFT2C7P	Core– VII	Computer Aided Fashion Designing – Practical II	6	4	20	80	100
	17PFT2C8	Core– VIII	Fabric Care	6	4	25	75	100
	17PFT2CE2 A/B	Elective– II #		6	4	25	75	100
			TOTAL	30	22			500
III	17PFT3C9	Core– IX	Technical Textile	6	5	25	75	100
	17PFT3C10	Core– X	Textile Management	6	5	25	75	100
	17PFT3C11P	Core– XI	Fashion Draping and Construction - Practical	6	4	20	80	100
	17PFT3C12P	Core– XII	Home Textiles – Practical	6	4	20	80	100
	17PFT3CE3 A/B	Elective– III #		6	4	25	75	100
	17PFT3EC1	Extra Credit - I	Fashion Retailing	-	5*	-	100	100*
			TOTAL	30	22			500
IV	17PFT4C13P	Core– XIII	Fashion Portfolio Presentation – Practical	6	5	20	80	100
	17PFT4C14	Core– XIV	Entrepreneurial Development	6	5	25	75	100
	17PFT4C15	Core– XV	Textile Economics	6	5	25	75	100
	17PFT4PW	Project		12	9	-	200	200
	17PFT4EC2	Extra Credit - II	World Costumes	-	5*	-	100	100*
			TOTAL	30	24			500
			GRAND TOTAL		90			2000

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PFT1CE1A	Textile Dyeing and Finishing
	17PFT1CE1B	Computer Application in Fashion Designing
II	17PFT2CE2A	Research Methods and Statistics
	17PFT2CE2B	Apparel Marketing
III	17PFT3CE3A	Home Science
	17PFT3CE3B	Home Textiles

M.B.A.

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17MBA1C1	Core - I	Management Concepts	4	4	25	75	100
	17MBA1C2	Core - II	Quantitative Methods For Managers	5	4	25	75	100
	17MBA1C3	Core - III	Economics For Decision Making	4	4	25	75	100
	17MBA1C4	Core - IV	Managerial Communication	4	4	25	75	100
	17MBA1C5	Core - V	Accounting for Managers	5	5	25	75	100
	17MBA1C6	Core - VI	Organisational Behaviour	4	4	25	75	100
	17MBA1C7	Core - VII	Information Systems for Business	4	4	25	75	100
	17MBA1CV1	Comprehensive Viva Voce - I	Comprehensive Viva Voce-I*	-	2	-	100	100
	17MBA1OBT	Out-bound Training Programme	Out-bound Training Programme (OBT)- 3 days **	-	-	-	-	-
			TOTAL	30	31			800
II	17MBA2C8:P	Core - VIII	Communication Skills	4	4	20	80	100
	17MBA2C9	Core - IX	Operations Management	4	4	25	75	100
	17MBA2C10	Core - X	Financial Management	5	5	25	75	100
	17MBA2C11	Core - XI	Marketing Management	4	4	25	75	100
	17MBA2C12	Core - XII	Human Resource Management	4	4	25	75	100
	17MBA2C13	Core - XIII	Enterprise Resource Planning	4	4	25	75	100
	17MBA2C14	Core - XIV	Research Methods in Management	5	5	25	75	100
	17MBA2CV2	Comprehensive Viva Voce - II	Comprehensive Viva Voce-II*	-	2	-	100	100
	17MBA2SP	Social Project	Societal Immersion Programme (4 days)**	-	-	-	-	-
			TOTAL	30	32			800
III	17MBA3PW	Project Work	Project Work (8 Weeks)	-	8	-	200	200
	17MBA3C15	Core - XV	Operations Research	6	5	25	75	100
	17MBA3C16	Core - XVI	Career Development***	4	2	100	-	100
		Elective - I	Paper 1 from Specialisation I	5	4	25	75	100
		Elective - II	Paper 2 from Specialisation I	5	4	25	75	100
		Elective - III	Paper 1 from Specialisation II	5	4	25	75	100
		Elective - IV	Paper 2 from Specialisation II	5	4	25	75	100
	17MBA3EC1	Extra Credit - I	Legal Aspects of Business****	-	4	-	100	100
			TOTAL	30	31			800
IV	17MBA4C17	Core - XVII	International Business Management	5	4	25	75	100
	17MBA4C18	Core - XVIII	Strategic Management	5	4	25	75	100
		Elective - V	Paper 3 from Specialisation I	5	4	25	75	100
		Elective - VI	Paper 4 from Specialisation I	5	4	25	75	100
		Elective - VII	Paper 3 from Specialisation II	5	4	25	75	100
		Elective - VIII	Paper 4 from Specialisation II	5	4	25	75	100
	17MBA4CV3	Comprehensive Viva Voce - III	Comprehensive Viva Voce-III*	-	2	-	100	100
	17MBA4EC2	Extra Credit -II	Total Quality Management****	-	4	-	100	100
			TOTAL	30	26			700
			GRAND TOTAL		120			3100

* Fully External

** Grading system only

*** Paper Fully Internal

**** Not Considered for Grand Total and CGPA

LIST OF SPECIALIZATIONS OFFERED

1. Marketing	4. Systems
2. Finance	5. Supply chain management
3. Human Resource	6. Entrepreneurship

LIST OF ELECTIVES (SPECIALIZATION I & II) – SEMESTER III

Specialization I: Two Electives can be opted out of Five in Specialization I

Specialization II: Two Electives can be opted out of Five in Specialization II

COURSE CODE	COURSE TITLE	Hrs/ Week	CREDIT	CIA	ESE	TOTAL
Marketing						
17MBA3CEM1	Consumer Behaviour	5	4	25	75	**100**
17MBA3CEM2	Advertising and Sales Promotion	5	4	25	75	**100**
17MBA3CEM3	Sales Management	5	4	25	75	**100**
17MBA3CEM4	Brand Management	5	4	25	75	**100**
17MBA3CEM5	Rural Marketing	5	4	25	75	**100**
Finance						
17MBA3CEF1	Security Analysis and Portfolio Management	5	4	25	75	**100**
17MBA3CEF2	Financial Derivatives	5	4	25	75	**100**
17MBA3CEF3	Strategic Financial Management	5	4	25	75	**100**
17MBA3CEF4	Risk Management	5	4	25	75	**100**
17MBA3CEF5	Financial Institutions and Markets	5	4	25	75	**100**
Human Resource						
17MBA3CEH1	Strategic Human Resource Management	5	4	25	75	**100**
17MBA3CEH2	Talent Management	5	4	25	75	**100**
17MBA3CEH3	Change Management	5	4	25	75	**100**
17MBA3CEH4	Training and Development	5	4	25	75	**100**
17MBA3CEH5	Industrial Relations and Labour Legislations	5	4	25	75	**100**
Systems						
17MBA3CES1	Knowledge Management	5	4	25	75	**100**
17MBA3CES2	IT Strategy for Business	5	4	25	75	**100**
17MBA3CES3	RDBMS with Oracle	5	4	25	75	**100**
17MBA3CES4	Information Technology Management	5	4	25	75	**100**
17MBA3CES5	Data Mining	5	4	25	75	**100**
Supply Chain Management						
17MBA3CESCM1	Inventory Management	5	4	25	75	**100**
17MBA3CESCM2	Strategic Logistics Management	5	4	25	75	**100**
17MBA3CESCM3	Material Flow Management	5	4	25	75	**100**
17MBA3CESCM4	Essentials of Supply Chain Management	5	4	25	75	**100**
17MBA3CESCM5	Vendor Management	5	4	25	75	**100**
Entrepreneurship						
17MBA3CEED1	Entrepreneurship development	5	4	25	75	**100**
17MBA3CEED2	Project management	5	4	25	75	**100**
17MBA3CEED3	Entrepreneurial Finance	5	4	25	75	**100**
17MBA3CEED4	Information Technology and E- Commerce	5	4	25	75	**100**
17MBA3CEED5	Business plans	5	4	25	75	**100**

LIST OF ELECTIVES (SPECIALIZATION I & II) – SEMESTER IV

Specialization I: Two Electives can be opted out of Five in Specialization I

Specialization II: Two Electives can be opted out of Five in Specialization II

COURSE CODE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS		TOTAL
				CIA	ESE	
Marketing						
17MBA4CEM6	Retail Management	5	4	25	75	**100**
17MBA4CEM7	International Marketing	5	4	25	75	**100**
17MBA4CEM8	Customer Relationship Management	5	4	25	75	**100**
17MBA4CEM9	Services Marketing	5	4	25	75	**100**
17MBA4CEM10	Marketing Research	5	4	25	75	**100**
Finance						
17MBA4CEF6	Financial Modelling using Excel	5	4	25	75	**100**
17MBA4CEF7	Banking and Insurance	5	4	25	75	**100**
17MBA4CEF8	International Finance	5	4	25	75	**100**
17MBA4CEF9	Financial Services	5	4	25	75	**100**
17MBA4CEF10	Taxation	5	4	25	75	**100**
Human Resource						
17MBA4CEH6	HR Analytics	5	4	25	75	**100**
17MBA4CEH7	International Human Resource Management	5	4	25	75	**100**
17MBA4CEH8	Performance Management	5	4	25	75	**100**
17MBA4CEH9	Managerial Behaviour and Effectiveness	5	4	25	75	**100**
17MBA4CEH10	Human Resource Development	5	4	25	75	**100**
Systems						
17MBA4CES6	Software Project Management	5	4	25	75	**100**
17MBA4CES7	Cyber Laws	5	4	25	75	**100**
17MBA4CES8	Advanced MS Excel for Managers	5	4	25	75	**100**
17MBA4CES9	Decision Support System	5	4	25	75	**100**
17MBA4CES10	E-Commerce	5	4	25	75	**100**
Supply Chain Management						
17MBA4CESCM6	Six sigma	5	4	25	75	**100**
17MBA4CESCM7	Supply Chain Planning	5	4	25	75	**100**
17MBA4CESCM8	Supply Chain Coordination	5	4	25	75	**100**
17MBA4CESCM9	Modeling for Supply Chains	5	4	25	75	**100**
17MBA4CESCM10	Theory of Constraints	5	4	25	75	**100**
Entrepreneurship						
17MBA4CEED6	Diversity Management	5	4	25	75	**100**
17MBA4CEED7	Business Opportunity Recognition and Forecasting	5	4	25	75	**100**
17MBA4CEED8	Creative problem solving	5	4	25	75	**100**
17MBA4CEED9	Innovation Management	5	4	25	75	**100**
17MBA4CEED10	Sustainable Enterprise	5	4	25	75	**100**

M.Sc. MATHEMATICS

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs / Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17PMA1C1	Core– I	Real Analysis	6	5	25	75	100
	17PMA1C2	Core –II	Algebra	6	5	25	75	100
	17PMA1C3	Core– III	Ordinary Differential Equations	6	4	25	75	100
	17PMA1C4	Core– IV	Numerical Analysis	6	4	25	75	100
	17PMA1CE1 A/B	Elective– I #		6	4	25	75	100
			TOTAL	30	22			500
II	17PMA2C5	Core– V	Topology	6	5	25	75	100
	17PMA2C6	Core– VI	Complex Analysis	6	5	25	75	100
	17PMA2C7	Core– VII	Linear Algebra	6	4	25	75	100
	17PMA2C8	Core– VIII	Partial Differential Equations	6	4	25	75	100
	17PMA2CE2 A/B	Elective– II #		6	4	25	75	100
			TOTAL	30	22			500
III	17PMA3C9	Core– IX	Measure theory and integration	6	5	25	75	100
	17PMA3C10	Core– X	Fuzzy Sets and their Applications	6	5	25	75	100
	17PMA3C11	Core– XI	Fluid Dynamics	6	4	25	75	100
	17PMA3C12	Core– XII	Advanced Graph Theory	6	4	25	75	100
	17PMA3CE3 A/B	Elective– III #		6	4	25	75	100
	17PMA3EC1	Extra Credit - I	Discrete Mathematics	-	5*	-	100	100*
			TOTAL	30	22			500
IV	17PMA4C13	Core– XIII	Functional Analysis	6	5	25	75	100
	17PMA4C14	Core– XIV	Advanced Operations Research	6	5	25	75	100
	17PMA4C15	Core– XV	Integral Equations and Calculus of Variations	6	5	25	75	100
	17PMA4CE4 A/B	Elective - IV #		6	4	25	75	100
	17PMA4PW	Project		6	5	-	100	100
	17PMA4EC2	Extra Credit - II	Differential Geometry	-	5*	-	100	100*
			TOTAL	30	24			500
			GRAND TOTAL		90			2000

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PMA1CE1AT	C++ Programming
	17PMA1CE1AP	C++ Programming – Practical
	17PMA1CE1B	Control Theory
II	17PMA2CE2A	Classical Dynamics
	17PMA2CE2B	Mathematical Methods in Biology
III	17PMA3CE3A	Mathematical Statistics
	17PMA3CE3B	Computer Algorithms
IV	17PMA4CE4A	Stochastic Processes
	17PMA4CE4B	Queuing Theory and Non-Linear Programming

M.Sc. MICROBIOLOGY

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17PMB1C1	Core - I	Fundamentals of Microbiology	6	5	25	75	100
	17PMB1C2	Core - II	Microbial Physiology and Cell biology	6	5	25	75	100
	17PMB1C3	Core - III	General Biochemistry	6	4	25	75	100
	17PMB1C4P	Core - IV	Fundamentals of Microbiology, Microbial Physiology and Cell Biology and General Biochemistry - Practical	6	4	20	80	100
	17PMB1CE1 A/B	Elective –I #		6	4	25	75	100
			TOTAL	30	22			500
II	17PMB2C5	Core - V	Microbial Genetics and Molecular Biology	6	5	25	75	100
	17PMB2C6	Core - VI	Microbial Biotechnology	6	5	25	75	100
	17PMB2C7	Core - VII	Environmental and Agricultural Microbiology	6	4	25	75	100
	17PMB2C8P	Core - VIII	Microbial Genetics and Molecular biology, Microbial Biotechnology, Environmental and Agricultural Microbiology - Practical	6	4	20	80	100
	17PMB2CE2 A/B	Elective–II #		6	4	25	75	100
			TOTAL	30	22			500
III	17PMB3C9	Core - IX	Medical Microbiology	6	5	25	75	100
	17PMB3C10	Core - X	Immunology	6	5	25	75	100
	17PMB3C11	Core - XI	Bioenergetics and Enzymology	6	4	25	75	100
	17PMB3C12P	Core - XII	Medical Microbiology, Immunology, Bioenergetics and Enzymology - Practical	6	4	20	80	100
	17PMB3CE3 A/B	Elective – III #		6	4	25	75	100
	17PMB3EC1	Extra Credit -I	Cyanobacteriology	-	5*	-	100*	100*
			TOTAL	30	22			500
IV	17PMB4C13	Core - XIII	Fermentation Technology	6	5	25	75	100
	17PMB4C14	Core - XIV	Food and dairy Microbiology	6	5	25	75	100
	17PMB 4C15	Core - XV	Biostatistics and Bioinformatics	6	5	25	75	100
	17PMB4PW	Project		12	9	-	200	200
	17PMB4EC2	Extra Credit II	Microbial products and Quality Control aspects	-	5*	-	100*	100*
			TOTAL	30	24			500
			GRAND TOTAL		90			2000

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PMB1CE1A	Virology
	17PMB1CE1B	Bioinstrumentation and Bioethics
II	17PMB2CE2A	Drug Discovery and Design
	17PMB2CE2B	Marine Microbiology
III	17PMB3CE3A	Microbial Ecology
	17PMB3CE3B	Microbial Taxonomy and Phylogeny

M.Sc. NUTRITION AND DIETETICS

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	CIA	ESE	TOTAL
I	17PND1C1	Core– I	Advances in Food Science	6	5	25	75	100
	17PND1C2	Core – II	Human Nutrition	6	5	25	75	100
	17PND1C3	Core– III	Diet Therapy - I	6	4	25	75	100
	17PND1C4P	Core– IV	Food Analysis - Practical	6	4	20	80	100
	17PND1CE1 A/B	Elective– I #		6	4	25	75	100
			TOTAL	30	22			500
II	17PND2C5	Core– V	Nutrition For Growth and Development	6	5	25	75	100
	17PND2C6	Core– VI	Nutritional Bio-chemistry	6	5	25	75	100
	17PND2C7	Core– VII	Diet Therapy - II	6	4	25	75	100
	17PND2C8P	Core– VIII	Diet Therapy - Practical	6	4	20	80	100
	17PND2CE2 A/B	Elective– II #		6	4	25	75	100
			TOTAL	30	22			500
III	17PND3C9I	Core– IX	Diet Therapy Internship	6	5	20	80	100
	17PND3C10	Core– X	Food Microbiology	6	5	25	75	100
	17PND3C11	Core– XI	Research Methodology and Statistics	6	4	25	75	100
	17PND3C12P	Core– XII	Nutritional Bio-chemistry and Food Microbiology Practical	6	4	20	80	100
	17PND3CE3 A/B	Elective– III #		6	4	25	75	100
	17PND3EC1	Extra Credit - I	Paediatric and Geriatric Nutrition	-	5*	-	100	100*
			TOTAL	30	22			500
IV	17PND4C13	Core– XIII	Institutional Food Management	6	5	25	75	100
	17PND4C14	Core– XIV	Community Nutrition and Public Health	6	5	25	75	100
	17PND4C15P	Core– XV	Application of Computer in Nutrition and Dietetics Practical	6	5	20	80	100
	17PND4PW	Project		12	9	-	200	200
	17PND4EC2	Extra Credit - II	Home Management	-	5*	-	100	100*
			TOTAL	30	24			500
			GRAND TOTAL		90			2000

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PND1CE1A	Applied Physiology
	17PND1CE1B	Nutritional Needs for Special Children
II	17PND2CE2A	Functional Foods and Nutraceuticals
	17PND2CE2B	Nutritional Management and Safety for Food Service
III	17PND3CE3A	Sports Nutrition
	17PND3CE3B	Nutritional Counselling and Education

M.Sc. PHYSICS

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17PPH1C1	Core– I	Classical Dynamics	6	5	25	75	100
	17PPH1C2	Core – II	Mathematical Methods for Physics	6	5	25	75	100
	17PPH1C3	Core– III	Electronic Devices and Circuits	6	4	25	75	100
	17PPH1C4P1	Core– IV	General Physics– Practicals	3	2	10	40	50
	17PPH1C4P2		Optics and Heat– Practicals	3	2	10	40	50
	17PPH1CE1 A/B	Elective– I #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
II	17PPH2C5	Core– V	Advanced Mathematical Physics	6	5	25	75	100
	17PPH2C6	Core– VI	Atomic and Molecular Spectroscopy	6	5	25	75	100
	17PPH2C7	Core– VII	Electromagnetic Theory	6	4	25	75	100
	17PPH2C8P1	Core– VIII	Solid State Physics - Practicals	3	2	10	40	50
	17PPH2C8P2		Analog Electronics – Practicals	3	2	10	40	50
	17PPH2CE2 A/B	Elective– II #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
III	17PPH3C9	Core– IX	Nuclear and Particle Physics	6	5	25	75	100
	17PPH3C10	Core– X	Quantum Mechanics	6	5	25	75	100
	17PPH3C11	Core– XI	Statistical Mechanics	6	4	25	75	100
	17PPH3C12P1		Digital Electronics - Practicals	3	2	10	40	50
	17PPH3C12P2	Core– XII	Numerical Programming in Physics - Practicals	3	2	10	40	50
	17PPH3CE3 A/B	Elective– III #		6	4	25	75	100
	17PPH3EC1	Extra Credit - I	Nonlinear Electronics	-	5*	-	100	100*
			TOTAL	**30**	**22**			**500**
IV	17PPH4C13	Core - XIII	Solid State Physics	6	5	25	75	100
	17PPH4C14	Core - XIV	Electronic Communication	6	5	25	75	100
	17PPH4C15P1	Core - XV	Microprocessor and Microcontroller-Practicals	3	3	10	40	50
	17PPH4C15P2		Numerical Simulations in Physics - Practicals	3	2	10	40	50
	17PPH4CE4 A/B	Elective-IV #		6	4	25	75	100
	17PPH4PW	Project		6	5	-	100	100
	17PPH4EC2	Extra Credit -II	Non-Conventional Energy Sources	-	5*	-	100	100*
			TOTAL	**30**	**24**			**500**
			GRAND TOTAL		**90**			**2000**

*Not considered for Grand Total and CGPA

CORE BASED ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
I	17PPH1CE1A	Medical Physics and Ultrasonics
	17PPH1CE1B	Crystal Growth and Thin Films
II	17PPH2CE2A	Computational Methods for Physics
	17PPH2CE2B	Nano science and Technology
III	17PPH3CE3A	Microprocessor and Microcontroller
	17PPH3CE3B	Fibre Optics
IV	17PPH4CE4A	Advanced Topics in Physics
	17PPH4CE4B	Physics of Liquid Crystals

M.S.W.

SEM	Course Code	Course	Course Title	Ins. Hrs/ Week	Credit	CIA	ESE	Total
I	17PSW 1C1	Core I	Social Work Profession	6	4	25	75	100
	17PSW 1C2	Core II	Social Work Practice with Individual and Groups	6	4	25	75	100
	17PSW 1C3	Core III	Community Organization and Social Action	6	4	25	75	100
	17PSW 1C4	Core IV	Professional Development for Social Workers	6	5	25	75	100
	17PSW 1C5	Core V	Field Work	6 (30days)	5	-	100	100
			TOTAL	**30**	**22**			**500**
II	17PSW 2C6	Core VI	Counselling: Theory and Practice	6	4	25	75	100
	17PSW 2C7	Core VII	Human Behaviour and Development	6	4	25	75	100
	17PSW 2C8	Core VIII	Research Methods in Social Work	6	4	25	75	100
	17PSW 2C9T	Core IX	Social Welfare Administration and its Application - Theory	3	3	10	40	50
	17PSW 2C9P		Social Welfare Administration and its Application – Practical	3	2	10	40	50
	17PSW 2C10	Core X	Concurrent Field Work	6 (30 days)	5	-	100	100
			TOTAL	**30**	**22**			**500**
III	17PSW 3C11	Core XI	Corporate Social Responsibility	6	4	25	75	100
	-	Elective – I	ELECTIVE - I	6	4	25	75	100
	-	Elective - II	ELECTIVE - II	6	4	25	75	100
	-	Elective – III	ELECTIVE - III	6	5	25	100	100
	17PSW 3C12	Core - XII	Concurrent Field Work	6 (30 days)	5	-	100	100
	17PSW 3EC1	Extra Credit - I	Media and Social Work	-	5*	-	100	100*
			TOTA	**36**	**22**			**500**
IV	-	Elective – IV	ELECTIVE - IV	6	5	25	75	100
	-	Elective – V	ELECTIVE - V	6	5	25	75	100
	17PSW 4C13	Core XIII	Concurrent Field Work	6 (30 days)	5	25	75	100
	17PSW 4C14	Core XIV	Pre-Employment Training	6 (30 days)	5	-	100	100
	17PSW 4PW	Project Work	Project Work	6	4	-	100	100
	17PSW 4EC2	Extra Credit – II	Training and Supervision in Social Work	-	5*	-	100	100*
			TOTAL	**30**	**24**			**500**
			GRAND TOTAL		**90**			**2000**

 # Not Considered for Grand Total and CGPA

ELECTIVE DURING III & IV SEMESTERS
SPECIALISATION (ELECTIVE) COURSES

III Semester	17PSW3E11	Specialization – I	Elective (i)	Community Health
	17PSW 3E12		Elective (ii)	Mental Health
	17PSW 3E13		Elective (iii)	Health and Hygiene
IV Semester	17PSW 4E14		Elective (iv)	Social Work in Medical Settings
	17PSW 4E15		Elective (v)	Therapeutic Interventions in Social Work Practice
III Semester	17PSW 3E21	Specialization – II	Elective (i)	Rural and Urban Community Development
	17PSW 3E22		Elective (ii)	Local Self Governance
	17PSW 3E23		Elective (iii)	Sustainable Development
IV Semester	17PSW 4E24		Elective (iv)	Project and NGO Management
	17PSW 4E25		Elective (v)	Gender and Empowerment
III Semester	17PSW 3E31	Specialization – III	Elective (i)	Human Resource Management
	17PSW 3E32		Elective (ii)	Industrial Relations and Legislations
	17PSW 3E33		Elective (iii)	Training and Development
IV Semester	17PSW 4E34		Elective (iv)	Organizational Behaviour
	17PSW 4E35		Elective (v)	Strategic Management

M.Sc. ZOOLOGY

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17PZO1C1	Core– I	Biology of Invertebrates and Chordates	6	5	25	75	100
	17PZO1C2	Core – II	Developmental Biology	6	5	25	75	100
	17PZO1C3	Core– III	Environmental Biology, Evolution and Paleontology	6	4	25	75	100
	17PZO1C4 P	Core– IV	Biology of Invertebrates and Chordates, Developmental Biology, Environmental Biology, Evolution and Paleontology – Practical I	6	4	20	80	100
	17PZO1CE1 A/B	Elective– I #		6	4	25	75	100
			TOTAL	30	22			500
II	17PZO2C5	Core– V	Genetics	6	5	25	75	100
	17PZO2C6	Core– VI	Cell and Molecular Biology	6	5	25	75	100
	17PZO2C7	Core– VII	Animal Physiology	6	4	25	75	100
	17PZO2C8 P	Core– VIII	Genetics, Cell and Molecular Biology and Animal Physiology - Practical II	6	4	20	80	100
	17PZO2CE2 A/B	Elective– II #		6	4	25	75	100
			TOTAL	30	22			500
III	17PZO3C9	Core– IX	Biochemistry	6	5	25	75	100
	17PZO3C10	Core– X	Immunology	6	5	25	75	100
	17PZO3C11	Core– XI	Biostatistics and Bioinformatics	6	4	25	75	100
	17PZO3C12 P	Core– XII	Biochemistry, Immunology, Biostatistics and Bioinformatics – Practical III	6	4	20	80	100
	17PZO3CE3 A/B	Elective– III #		6	4	25	75	100
	17PZO3EC1	Extra Credit - I	Comprehensive Examination in Zoology	-	5*	-	100	100*
			TOTAL	30	22			500
IV	17PZO4C13	Core– XIII	General and Applied Entomology	6	5	25	75	100
	17PZO4C14	Core– XIV	Microbiology	6	5	25	75	100
	17PZO4C15 P	Core– XV	Entomology and Microbiology - Practical IV	6	5	20	80	100
	17PZO4CE4 A/B	Elective - IV #		6	4	25	75	100
	17PZO4PW	Project		6	5	-	100	100
	17PZO4EC2	Extra Credit - II	Advanced studies in Zoology	-	5*	-	100	100*
			TOTAL	30	24			500
			GRAND TOTAL		90			2000

* Not considered for Grand Total and CGPA

Core Based Electives

SEMESTER	COURSE CODE	COURSE TITLE
I	17PZO1CE1A	Biophysics and Radiation Biology
	17PZO1CE1B	Occupational Health and Safety
II	17PZO2CE2A	Biotechnology
	17PZO2CE2B	Endocrinology
III	17PZO3CE3A	Animal Behaviour and Biodiversity Conservation
	17PZO3CE3B	Biodiversity and Taxonomy
IV	17PZO4CE4A	Aquaculture Practice and Farm Management
	17PZO4CE4B	Industrial Fish and Fisheries

COURSE STRUCTURE FOR M.Phil. PROGRAMMES

(Under CBCS w.e.f. 2017-2018)

M.Phil. ARABIC

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17MPAR1C1	Core - I	Research Methodology	4*	4	40	60	100
	17MPAR1C2	Core - II	Indo Arab Literature	4*	4	40	60	100
	17MPAR1C3	Core - III	Guide Paper	4*	4	40	60	100
	17MPAR1C4	Core - IV	Teaching and Learning Methodology	4*	4	40	60	100
*One Hour Library for each course								
			TOTAL	16	16	160	240	400
II	17MPAR2PW	Project Work	Dissertation**	-----	8	-----	-----	200
			GRAND TOTAL	-----	24	-----	-----	600

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

M.Phil. BIOTECHNOLOGY

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17MPBT 1C1	Core - I	Research Methodology	4*	4	40	60	100
	17MPBT 1C2	Core - II	Modern Biotechnology	4*	4	40	60	100
	17MPBT1C3	Core - III	Guide Paper	4*	4	40	60	100
	17MPBT 1C4	Core - IV	Teaching and Learning Methodology	4*	4	40	60	100
*One Hour Library for each course								
			TOTAL	16	16	160	240	400
II	17MPBT 2PW	Project Work	Dissertation**	-	8	-	-	200
			GRAND TOTAL	-	24	-	-	600

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

M.Phil. BOTANY

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs / Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17MPBO1C1	CORE - I	Research Methodology	4*	4	40	60	100
	17MPBO1C2	CORE - II	Advances in Plant Science	4*	4	40	60	100
	17MPBO1C3	CORE - III	Guide Paper	4*	4	40	60	100
	17MPBO1C4	CORE - IV	Teaching and Learning Methodology	4*	4	40	60	100
*One Hour Library for each course								
			TOTAL	16	16	160	240	400
II	17MPBO2PW	Project Work	Dissertation**	-	8	-	-	200
			GRAND TOTAL	-	24	-	-	600

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

M.Phil. CHEMISTRY

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17MPCH 1C1	CORE I	Research Methodology in Chemistry	4*	4	40	60	100
	17MPCH 1C2	CORE II	Advanced Physical Methods and Molecular Modelling in Chemistry	4*	4	40	60	100
	17MPCH 1C3	CORE III	Guide Paper	4*	4	40	60	100
	17MPCH 1C4	CORE IV	Teaching and learning Methodology	4*	4	40	60	100
*One Hour Library for each course								
			TOTAL	16	16	160	240	400
II	17MPCH2PW	Project Work	Dissertation**	-	8	-	-	200
			GRAND TOTAL	-	24	-	-	600

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

M.Phil. COMMERCE

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/Week	CREDIT	CIA	ESE	TOTAL
I	17MPCO1C1	CORE - I	Research Methods in Commerce	4*	4	40	60	100
	17MPCO1C2	CORE - II	Functional Areas of Management	4*	4	40	60	100
	17MPCO1C3	CORE - III	Guide paper	4*	4	40	60	100
	17MPCO1C4	CORE - IV	Teaching and Learning Methodology	4*	4	40	60	100
*One Hour Library for each course								
			TOTAL	16	16	160	240	400
II	17MPCO2PW	Project Work	Dissertation**	-	8	-	-	200
			GRAND TOTAL	-	24	-	-	600

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

M.Phil. COMPUTER SCIENCE

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/Week	CREDIT	CIA	ESE	TOTAL
I	17MPCS1C1	Core - I	Research Methodology	4*	4	40	60	100
	17MPCS1C2	Core - II	Advanced Concepts in Computer Science	4*	4	40	60	100
	17MPCS1C3	Core - III	Guide Paper	4*	4	40	60	100
	17MPCS1C4	Core - IV	Teaching and learning Methodology	4*	4	40	60	100
* One Hour Library hour for each course								
			TOTAL	16	16	160	240	400
II	17MPCS2PW	Project Work	Dissertation**	-	8	-	-	200
			GRAND TOTAL	-	24	-	-	600

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

M.Phil. ECONOMICS

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/Week	CREDIT	CIA	ESE	TOTAL
I	17MPEC 1C1	Core - I	Research Methodology	4*	4	40	60	100
	17MPEC 1C2	Core - II	Advanced Theories in Economics	4*	4	40	60	100
	17MPEC 1C3	Core - III	Guide Paper	4*	4	40	60	100
	17MPEC 1C4	Core - IV	Teaching and Learning Methodology	4*	4	40	60	100
*One Hour Library for each course								
			TOTAL	16	16	160	240	400
II	17MPEC 2PW	Project Work	Dissertation**	-	8	-	-	200
			GRAND TOTAL	-	24	-	-	600

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

M.Phil. ENGLISH

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/Week	CREDIT	CIA	ESE	TOTAL
I	17MPEN1C1	Core - I	Research Methodology and Theory of Literature	4*	4	40	60	100
	17MPEN 1C2	Core - II	Contemporary Literary Theory	4*	4	40	60	100
	17MPEN 1C3	Core - III	Guide Paper	4*	4	40	60	100
	17MPEN 1C4	Core - IV	Teaching and learning methodology	4*	4	40	60	100
*One Hour Library for each course								
			TOTAL	16	16	160	240	400
II	17MPEN2PW	Project Work	Dissertation**	-	8	-	-	200
			GRAND TOTAL	-	24	-	-	600

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

M.Phil. HISTORY

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17MPHS1C1	Core - I	Research Methodology in History	4*	4	40	60	100
	17MPHS1C2	Core - II	Historiography	4*	4	40	60	100
	17MPHS1C3	Core - III	Guide Paper	4*	4	40	60	100
	17MPHS1C4	Core - IV	Teaching and Learning Methodology	4*	4	40	60	100
*One Hour Library hour for each course								
			TOTAL	16	16	160	240	400
II	17MPHS2PW	Project work	Dissertation **	-	8	-	-	200
			GRAND TOTAL	-	24	-	-	600

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

M.Phil. MANAGEMENT STUDIES

SEMESTER	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17MPMBA1C1	Core - I	Research Methodology	4*	4	40	60	100
	17MPMBA1C2	Core - II	Advanced Strategic Management	4*	4	40	60	100
	17MPMBA1C3	Core - III	Guide Paper	4*	4	40	60	100
	17MPMBA1C4	Core - IV	Teaching and Learning Methodology	4*	4	40	60	100
*One Hour Library hour for each course								
			TOTAL	16	16	160	240	400
II	17MPMBA2PW	Project Work	Dissertation**	-	8	-	-	200
			GRAND TOTAL	-	24	-	-	600

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

M.Phil. MATHEMATICS

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17MPMA1C1	Core - I	Research Methodology	4*	4	40	60	100
	17MPMA1C2	Core - II	Analysis and Applied Mathematics	4*	4	40	60	100
	17MPMA1C3	Core - III	Guide Paper	4*	4	40	60	100
	17MPMA1C4	Core - IV	Teaching and Learning Methodology	4*	4	40	60	100
* - One Hour Library for each Course								
			TOTAL	16	16	160	240	400
II	17MPMA2PW	Project Work	Dissertation**	-	8	-	-	200
			GRAND TOTAL		24			600

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

M.Phil. MICROBIOLOGY

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs / Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17MPMB1C1	Core - I	Research Methodology	4*	4	40	60	100
	17MPMB1C2	Core - II	Applied Microbiology	4*	4	40	60	100
	17MPMB1C3	Core - III	Guide Paper	4*	4	40	60	100
	17MPMB1C4	Core - IV	Teaching and Learning Methodology	4*	4	40	60	100
*One Hour Library for each Paper								
			TOTAL	16	16	160	240	400
II	17MPMB2PW	Project Work	Dissertation**	-	8	-	-	200
			GRAND TOTAL	-	24	-	-	600

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

M.Phil. NUTRITION AND DIETETICS

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs / Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17MPND1C1	Core - I	Research Methodology and Statistics	4*	4	40	60	100
	17MPND1C2	Core - II	Advances in Nutrition and Dietetics	4*	4	40	60	100
	17MPND1C3	Core - III	Guide Paper	4*	4	40	60	100
	17MPND1C4	Core - IV	Teaching and Learning methodology	4*	4	40	60	100
*One Hour Library for each course								
			TOTAL	16	16	160	240	400
II	17MPND 2PW	Project Work	Dissertation**	-	8	-	-	200
			GRAND TOTAL	-	24	-	-	600

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

M.Phil. PHYSICS

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs / Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17MPPH1C1	Core - I	Research Methodology	4*	4	40	60	100
	17MPPH1C2	Core - II	Advanced Topics in Physics	4*	4	40	60	100
	17MPPH1C3	Core - III	Guide Paper	4*	4	40	60	100
	17MPPH1C4	Core - IV	Teaching and Learning Methodology	4*	4	40	60	100
*One Hour Library for each course								
			TOTAL	16	16	160	240	400
II	17MPPH2PW	Project Work	Dissertation**	-	8	-	-	200
			GRAND TOTAL	-	24	-	-	600

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

M.Phil. SOCIAL WORK

SEM	SUB CODE	COURSE	SUBJECT TITLE	HRS / WEEK	CREDIT	MARKS CIA	MARKS SE	TOTAL
I	18MPSW1C1	Core - I	Research Methodology	4*	4	40	60	100
	18MPSW1C2	Core – II	Contemporary Issues and Trends in Social Work	4*	4	40	60	100
	18MPSW1C3	Core – III	Guide Paper (Based on Research Topic)	4*	4	40	60	100
	18MPSW1C4	Core – IV	Teaching and Learning Methodology	4*	4	40	60	100
		*One hour library for each course						
			TOTAL	16	16	160	240	400
II	18MPSW2PW		Dissertation**	-	8	-	-	200
			GRAND TOTAL	-	24	-	-	600

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

M.Phil. TAMIL

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs / Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17MPTA1C1	CORE I	ஆய்வியல் நெறிமுறைகள்	4*	4	40	60	100
	17MPTA1C2	CORE II	தமிழ் ஆய்வுப் போக்குகள்	4*	4	40	60	100
	17MPTA1C3	CORE III	Guide Paper	4*	4	40	60	100
	17MPTA1C4	CORE IV	கற்பித்தலில் புதிய அணுகுமுறைகள்	4*	4	40	60	100
*One Hour Library for each course								
			TOTAL	16	16	160	240	400
II	17MPTA2PW	Project Work	Dissertation**	-	8	-	-	200
			GRAND TOTAL	-	24	-	-	600

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

M.Phil. ZOOLOGY

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs / Week	CREDITS	MARKS		TOTAL
						CIA	ESE	
I	17MPZO1C1	CORE I	Research Methodology	4*	4	40	60	100
	17MPZO1C2	CORE II	Advances in Biological Research	4*	4	40	60	100
	17MPZO1C3	CORE III	Guide Paper	4*	4	40	60	100
	17MPZO1C4	CORE IV	Teaching and Learning Methodology	4*	4	40	60	100
*One Hour Library for Each course								
			TOTAL	16	16	160	240	400
II	17MPZO2PW	Project Work	Dissertation**	16	8	--	--	200
			GRAND TOTAL		24			600

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

COURSE STRUCTURE FOR PG DIPLOMA PROGRAMMES
POST GRADUATE DIPLOMA IN ISLAMIC BANKING AND FINANCIAL MANAGEMENT (PGDIBFM)

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17PGDIBFM1C1	Core - I	Managerial Economics	2	2	25	75	100
	17PGDIBFM1C2	Core - II	Financial, Cost and Management Accounting	4	4	25	75	100
	17PGDIBFM1C3	Core - III	Banking and Islamic Law	2	2	25	75	100
	17PGDIBFM1C4	Core - IV	Islamic Economics	2	2	25	75	100
	17PGDIBFM1C5	Core - V	Islamic Banking and Finance	2	2	25	75	100
			TOTAL	**12**	**12**	**125**	**375**	**500**
II	17PGDIBFM2C6	Core - VI	Principles of Islamic Shariah	3	2	25	75	100
	17PGDIBFM2C7	Core - VII	Financial Management	3	2	25	75	100
	17PGDIBFM2C8	Core -VIII	Islamic Insurance	3	2	25	75	100
	17PGDIBFM2C9	Core - IX	Islamic Investment and Portfolio Management	3	2	25	75	100
	17PGDIBFM2C10	Core - X	Project work – 4 weeks	-	4	25	100	100
			TOTAL	**12**	**12**	**125**	**375**	**500**
			GRAND TOTAL	**24**	**24**	**250**	**750**	**1000**

POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS (P.G.D.C.A.)

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs / Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	17PDCA1C1	Core - I	Digital Computer Fundamentals	6	4	25	75	100
	17PDCA1C2	Core - II	Programming in C and C++	6	4	25	75	100
	17PDCA1C3	Core - III	Principles of Operating Systems	6	4	25	75	100
	17PDCA1C4	Core - IV	Database Systems	6	4	25	75	100
	17PDCA1C5P1	Core - V (a)	C and C++ Programming Lab	3	2	10	40	50
	17PDCA1C5P2	Core - V (b)	PC Packages Lab	3	2	10	40	50
			TOTAL	**30**	**20**	**124**	**376**	**500**
II	17PDCA2C6	Core - VI	Internet and its Applications	6	4	25	75	100
	17PDCA2C7	Core - VII	Java Programming	6	4	25	75	100
	17PDCA2C8	Core - VIII	Visual Programming	6	4	25	75	100
	17PDCA2C9	Core - IX	Web Design	6	4	25	75	100
	17PDCA2C10P1	Core - X (a)	Java Programming Lab	3	2	10	40	50
	17PDCA2C10P2	Core - X (b)	Visual Programming Lab	3	2	10	40	50
			TOTAL	**30**	**20**	**124**	**376**	**500**
			GRAND TOTAL	**60**	**40**	**248**	**752**	**1000**

POST GRADUATE DIPLOMA IN FERMENTATION TECHNOLOGY (PGDFT)

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs / Week	CREDIT	MARKS		TOTAL
						CIA	ESE	
I	17PDFT1C1	Core - I	Biomolecules and Microbial Biochemistry	6	4	25	75	100
	17PDFT1C2	Core - II	Biocatalysis and Biotransformations	6	4	25	75	100
	17PDFT1C3	Core - III	Microbiology of Industrial Fermentation	6	4	25	75	100
	17PDFT1C4	Core - IV	Principles of Fermentation Technology	6	4	25	75	100
	17PDFT1C5/P	Core - V	Microbiology, Enzymology & Fermentation - Practical	6	4	25	75	100
			TOTAL	30	20	125	375	500
II	17PDFT2C6	Core - VI	Bioseparations and Biological Techniques	6	4	25	75	100
	17PDFT2C7	Core - VII	Animal and Plant Cell Bioprocesses	6	4	25	75	100
	17PDFT2C8	Core - VIII	Downstream Processes and Fermentation Economics	6	4	25	75	100
	17PDFT2C9	Core - IX	Industrial Fermentation Processes	6	4	25	75	100
	17PDFT2C10P	Core - X	Bioprocess - Practical	6	4	25	75	100
			TOTAL	30	20	125	375	500
			GRAND TOTAL	60	40	250	750	1000

POST GRADUATE DIPLOMA IN BIOINFORMATICS (P.G.D.B.I)

SEM	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS		TOTAL
						CIA	ESE	
I	17PDBI1C1	Core - I	Fundamental of Bioinformatics	6	4	25	75	100
	17PDBI1C2	Core –II	Statistics for Bioinformatics	6	4	25	75	100
	17PDBI1C3	Core –III	Basic Structural Biology	6	4	25	75	100
	17PDBI1C4	Core –IV	Computer Programming	6	4	25	75	100
	17PDBI1C5P	Core –V	C Programming and Web Publishing -Practical	6	4	25	75	100
			TOTAL	30	20	125	375	500
II	17PDBI2C6	Core –VI	Database Management Systems	6	4	25	75	100
	17PDBI2C7	Core –VII	Genomics and Proteomics	6	4	25	75	100
	17PDBI2C8	Core – VIII	Computational Biology	6	4	25	75	100
	17PDBI2C9	Core - IX	Molecular Modeling and Drug Design	6	4	25	75	100
	17PDBI2C10P	Core – X	Bioinformatics - Practical	6	4	25	75	100
			TOTAL	30	20	125	375	500
			GRAND TOTAL	60	40	250	750	1000

COURSE STRUCTURE FOR CERTIFICATE AND DIPLOMA PROGRAMMES
(Under CBCS w.e.f. 2017-2018)

CERTIFICATE COURSE IN SPOKEN ARABIC
(6 Months Course)

	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS		TOTAL
						CIA	ESE	
NON SEM	17CAR01	Core – I	Introduction to Arabic	4	4	25	75	100
	17CAR02	Core - II	Communication Skills in Arabic	4	4	25	75	100
			TOTAL	8	8	50	150	200

DIPLOMA COURSE IN SPOKEN ARABIC & TRANSLATION SKILLS
(One Year Course)

	COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS		TOTAL
						CIA	ESE	
NON SEM	17DAR01	Core – I	Prose and Grammar	4	4	25	75	100
	17DAR02	Core - II	Spoken Arabic and Translation Skill	4	4	25	75	100
	17DAR03	Core – III	Introduction to Arabic Computer & Viva-Voce	4	4	25	75	100
			TOTAL	12	12	75	225	300

ADVANCED DIPLOMA IN COMPUTER APPLICATIONS WITH ARABIC (ADCAA)

SEM	COURSE CODE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS		TOTAL
					CIA	ESE	
I	17ADCAA1	Basic Computer and IT	3	3	25	75	100
	17ADCAA2P	Basic Computer and IT - Practical	3	3	25	75	100
	17ADCAA3P	Type Writing in Arabic - Practical	3	3	25	75	100
	17ADCAA4P	Basic Internet - Practical	3	3	25	75	100
		TOTAL	12	12	100	300	400
II	17ADCAA5	Computer Hardware	3	3	25	75	100
	17ADCAA6P	Computer Hardware - Practical	3	3	25	75	100
	17ADCAA7P	MS Office with Arabic - Practical	3	3	25	75	100
	17ADCAA8P	Corel Draw, Page Maker and Photoshop - Practical	3	3	25	75	100
		TOTAL	12	12	100	300	400
		GRAND TOTAL	24	24	200	600	800

COURSE STRUCTURE FOR CAREER ORIENTED PROGRAMMES

(Under CBCS w.e.f. 2017-2018)

Department : **COMMERCE**

Name of the course : **COMPUTER APPLICATION IN COMMERCE**

COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS		TOTAL
					CIA	ESE	
CERTIFICATE COURSE							
17COCT1	CORE - I	Fundamentals of Computer	150	10	25	75	100
17COCT2	CORE - II	Office Automation – Theory	150	10	25	75	100
17COCT3P	CORE - III	Office Automation – Practical	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**

COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS		TOTAL
					CIA	ESE	
DIPLOMA COURSE							
17CODM1	CORE - I	E-Business	150	10	25	75	100
17CODM2	CORE - II	Computerized Accounting Package – Theory	150	10	25	75	100
17CODM3P	CORE - III	Computerized Accounting Package – Practical*	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
		GRAND TOTAL	**900**	**60**	**150**	**450**	**600**

COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS		TOTAL
					CIA	ESE	
ADVANCED DIPLOMA COURSE							
17COAD1	CORE - I	Enterprise Resource Planning	150	10	25	75	100
17COAD2	CORE - II	Statistical Package for Social sciences - Theory	150	10	25	75	100
17COAD3P	CORE - III	Statistical Package for Social Sciences - Practical	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
		GRAND TOTAL	**1350**	**90**	**225**	**675**	**900**

* Practical Examinations will be conducted at the end of the year

Department : **COMPUTER SCIENCE**

Name of the course : **COMPUTER HARDWARE AND NETWORKING ADMINISTRATION**

COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
CERTIFICATE COURSE
17CSCT1	Core - I	Basic Computer Hardware	150	10	25	75	100
17CSCT2	Core - II	System Assembly Maintenance and Troubleshooting	150	10	25	75	100
17CSCT3P	Core - III	PC assembly and Troubleshooting Lab	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
DIPLOMA PROGRAMME
17CSDM1	Core - I	Novell Netware Administration	150	10	25	75	100
17CSDM2	Core - II	Windows Administration	150	10	25	75	100
17CSDM3P	Core - III	Networking Lab – I	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
		GRAND TOTAL	**900**	**60**	**150**	**450**	**600**
ADVANCED DIPLOMA PROGRAMME
17CSAD1	Core - I	LINUX Administration	150	10	25	75	100
17CSAD2	Core - II	Internet Server Administration	150	10	25	75	100
17CSAD3P	Core - III	Networking Lab – II	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
		GRAND TOTAL	**1350**	**90**	**225**	**675**	**900**

* Practical Examinations will be conducted at the end of the year

Department : **ENGLISH**

Name of the Course : **JOURNALISM**

COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	ESE	TOTAL
		CERTIFICATE COURSE					
17ENCT1	Core - I	Introduction to Journalism - I	150	10	25	75	100
17ENCT2	Core - I	Introduction to Journalism - II	150	10	25	75	100
17ENCT3	Core - III	Field Work*	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
		DIPLOMA PROGRAMME					
17ENDM1	Core - I	Journalism and Mass Media- I	150	10	25	75	100
17ENDM2	Core - I	Journalism and Mass Media - II	150	10	25	75	100
17ENDM3	Core - III	Field Work*	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
		GRAND TOTAL	**900**	**60**	**150**	**450**	**600**
		ADVANCED DIPLOMA PROGRAMME					
17ENAD1	Core - I	Writing for the Media - I	150	10	25	75	100
17ENAD2	Core - I	Writing for the Media - II	150	10	25	75	100
17ENAD3	Core - III	Field Work*	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
		GRAND TOTAL	**1350**	**90**	**225**	**675**	**900**

*Practical Examination will be conducted at the end of the year.

Department : **HISTORY**

Name of the Course : **TOURISM AND TRAVEL MANAGEMENT**

COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS		TOTAL
					CIA	ESE	
CERTIFICATE COURSE							
17HSCT1	Core - I	Basic Studies in Tourism	150	10	25	75	100
17HSCT2	Core - II	Tourism Management and Travel Formalities	150	10	25	75	100
17HSCT3	Core -III	Field Work *	150	10	25	75	100
		TOTAL	450	30	75	225	300
DIPLOMA PROGRAMME							
17HSDM1	Core - I	Tourism Marketing	150	10	25	75	100
17HSDM2	Core - II	Management in Tourism	150	10	25	75	100
17HSDM3	Core - III	Field Work *	150	10	25	75	100
		TOTAL	450	30	75	225	300
ADVANCE DIPLOMA PROGRAMME							
17HSAD1	Core - I	Ecology, Environment and Tourism	150	10	25	75	100
17HSAD2	Core - II	Air Reservation and Ticketing	150	10	25	75	100
17HSAD3	Core - III	Field Work *	150	10	25	75	100
		TOTAL	450	30	75	225	300
		GRAND TOTAL	1350	90	225	675	900

* Practical Examinations will be conducted at the end of the year

Department : **MATHEMATICS**

Name of the course : **E-MATHEMATICAL TOOLS**

COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS		TOTAL
					CIA	ESE	
CERTIFICATE COURSE							
17MACT1P	Core - I	MS Word and LATEX	150	10	25	75	100
17MACT2P	Core - II	SPSS – Basic Modules	150	10	25	75	100
17MACT3P	Core - III	MATLAB - Basic Concepts	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
DIPLOMA PROGRAMME							
17MADM1P	Core - I	MS PowerPoint and LATEX with Beamer Package	150	10	25	75	100
17MADM2P	Core - II	Hypothesis Testing using SPSS	150	10	25	75	100
17MADM3P	Core - III	Numerical Methods using MATLAB	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
		GRAND TOTAL	**900**	**60**	**150**	**450**	**600**
ADVANCED DIPLOMA PROGRAMME							
17MAAD1P	Core - I	Project Preparation using LATEX	150	10	25	75	100
17MAAD2P	Core - II	Forecasting using SPSS	150	10	25	75	100
17MAAD3P	Core - III	MATLAB: Graphics 2D and 3D	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
		GRAND TOTAL	**1350**	**90**	**225**	**675**	**900**

Name of the Course : Certificate Course on Quantitative Aptitude

Teaching Hours : 2 hours X 20 days

Course Content:

- Numbers, HCF & LCM of Numbers
- Decimal Fractions, Simplification
- Square Roots& Cube Roots, Average
- Problems on Numbers, Problems on Age
- Surds & Indices, Profit & Loss
- Percentage, Ratio & Proportion
- Partnership, Chain Rule
- Time & Work, Pipes & Cistern
- Time & Distance, Problems on Trains
- Boats & Streams, Allegation or Mixture
- Simple Interest, Compound Interest
- Logarithms, Area
- Volume & Surface Areas
- Verbal Ability
- Reasoning

Department : **URDU**

Name of the Course : **FUNCTIONAL URDU, COMPUTER APPLICATIONS AND MULTILINGUAL DTP WITH PRINTING TECHNOLOGY**

COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS		TOTAL
					CIA	ESE	
CERTIFICATE COURSE							
17URCT1	Core - I	Language - I	150	10	25	75	100
17URCT2	Core - II	Computer Applications and DTP	150	10	25	75	100
17URCT3P	Core - III	Practical - I	150	10	25	75	100
		TOTAL	450	30	75	225	300
DIPLOMA PROGRAMME							
17URDM1	Core - I	Language - II	150	10	25	75	100
17URDM2	Core - II	Computer Applications and Multilingual DTP	150	10	25	75	100
17URDM3P	Core - III	Practical - II	150	10	25	75	100
		TOTAL	450	30	75	225	300
		GRAND TOTAL	900	60	150	450	600
ADVANCED DIPLOMA PROGRAMME							
17URAD1	Core - I	Functional Urdu –IV Computer Application	150	10	25	75	100
17URAD2	Core - II	Functional Urdu –V Printing Technology	150	10	25	75	100
17URAD3P	Core - III	Printing Technology - Practical	150	10	25	75	100
		TOTAL	450	30	75	225	300
		GRAND TOTAL	1350	90	225	675	900

* Practical Examinations will be conducted at the end of the year

Department : **ZOOLOGY**

Name of the Course : **MEDICAL LABORATORY TECHNOLOGY**

COURSE CODE	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
CERTIFICATE COURSE
17ZOCT1	Core - I	Human Anatomy, Physiology and Immunology.	150	10	25	75	100
17ZOCT2	Core - II	General Laboratory Principles, Basic Haematology, Biochemistry, Microbiology and Pathology.	150	10	25	75	100
17ZOCT3 P	Core - III	Laboratory Principles, Basic Haematology, Biochemistry, Microbiology and Pathology - Practical I	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
DIPLOMA PROGRAMME
17ZODM1	Core - I	Clinical Haematology and Biochemistry	150	10	25	75	100
17ZODM2	Core - II	Clinical Microbiology and Pathology.	150	10	25	75	100
17ZODM3 P	Core - III	Clinical Haematology, Biochemistry, Microbiology and Pathology - Practical II	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
		GRAND TOTAL	**900**	**60**	**150**	**450**	**600**
ADVANCED DIPLOMA PROGRAMME
17ZOAD1	Core - I	Communicable and Non- Communicable Diseases	150	10	25	75	100
17ZOAD2	Core - II	Health Care and Advanced Techniques	150	10	25	75	100
17ZOAD3 P	Core - III	Practical Pertaining to Theory Papers (Hands on Training- Project) - Practical III	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
		GRAND TOTAL	**1350**	**90**	**225**	**675**	**900**

* Practical Examinations will be conducted at the end of the year

DEPARTMENT : SOCIAL WORK

NAME OF THE COURSE : HUMAN PSYCHOLOGY

COURSE CODE	COURSE	COURSE TITLE	Hrs/Week	CREDIT	MARKS		TOTAL
					CIA	ESE	
CERTIFICATE COURSE							
18SWCT1	Core - I	Foundations of Psychology	150	10	25	75	100
18SWCT2	Core - II	Life Span Development	150	10	25	75	100
18SWCT3 P	Core - III	Practical	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
DIPLOMA PROGRAMME							
18SWDM1	Core - I	Counselling Psychology	150	10	25	75	100
18SWDM2	Core - II	Developmental Psychology	150	10	25	75	100
18SWDM3P	Core - III	Practical	150	10	25	75	100
		TOTAL	**450**	**30**	**75**	**225**	**300**
		GRAND TOTAL	**900**	**60**	**150**	**450**	**600**

*Practical Examinations will be conducted at the end of the year.

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