HAND BOOK ON AUTONOMY

Since 1951

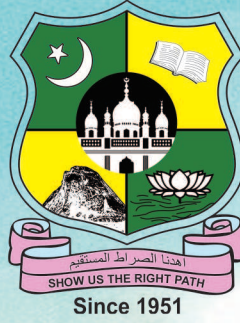## JAMAL MOHAMED COLLEGE
(Autonomous)

College with Potential for Excellence
Accredited (3rd Cycle) with 'A' Grade by NAAC
DBT Star College Scheme & DST-FIST Funded
(Affiliated to Bharathidasan University)
TIRUCHIRAPPALLI – 620 020

Volume - VII
Second Edition
JUNE 2022

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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

Directors

Dr. K.N. Abdul Kader Nihal
Member & Hon. Director

Dr. K. N. Mohamed Fazil
Director - Hostel Administration

Ms. J. Hajira Fathima
Director – Hostel Administration (Women)

PREFACE

Jamal Mohamed College which was founded in 1951 has now become a multi faculty institution fostering the learning environment wherein students of diverse background can develop their skills and competencies. At present the college offers 25 UG, 20 PG, 17 M.Phil. and 17 Ph.D. programmes in various disciplines and also offers diploma and certificate Programmes.

The National Assessment and Accreditation Council (NAAC), an autonomous institution of the University Grants Commission, accredited our college with Five Star level in 2002. The College was conferred with Autonomous Status in 2004-2005. During the second cycle of NAAC, our college was bestowed with 'A" (3.6 out of 4.0) grade in 2009 and in the third cycle we obtained 'A' Grade in 2016. To provide students an opportunity to choose programmes for their holistic development, new Syllabi under Choice Based Credit system (CBCS) was introduced and Volume-I of the Hand book of Autonomy was released in 2004. Volume-II & Volume-III of the Hand book of Autonomy was released after the revision of the syllabi and the same came into effect during the academic years 2007- 2008 and 2008-2009 eventually. The Fourth, Fifth and Sixth Volumes were published after the revision of the syllabi in the academic years 2011-2012, 2014-2015 and 2017-2018 respectively. A transformation in the education system was introduced from the academic year 2020-21 by introducing Outcome Based Curriculum. Volume-VII (Second Edition) of the Handbook of Autonomy covers the regulations that came into effect from the academic year 2020-2021.

Dr. S. ISMAIL MOHIDEEN

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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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

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Prologue

"Jamal is the home of glorious Islamic traditions and culture with remarkable progress in the field of education".

–His Excellency Janab. Fakhrudeen Ali Ahamed, Former President of India.

(Spoken about the college during his visit in 1974-1975)

Jamal Mohamed College occupies a unique place in the academic galaxy and shines bright among the greatest academic institutions of our nation. The vision of two great stalwarts and freedom fighters Janab.M.Jamal Mohamed Sahib and Janab. N.M. Khajamian Rowther resulted in the establishment of this educational institution in 1951 with a motto to spread knowledge among the poor and downtrodden section of the society. Since its humble beginning in 1951 with the initial strength of 12 staff members and 250 students, the college has attained phenomenal progress in the academic sphere and earned goodwill among the people for providing higher education with ethical values. With the blessings of the Almighty and the support of the well wishers, the college is marching ahead towards eternal glory.

On 11ᵗʰ July 1951 the college was inaugurated by Hon'ble. Thiru. P.S.Kumarasamy Raja, the then Chief Minister of Madras accompanied by His Excellency , the Maharaja of Bhavanagar, the then Governor of Madras presided over the function. Over the period of 7 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 11 UG programmes and 3 PG programmes under self financing stream for men by promoting quality and excellence in higher education due to the sustained efforts and dedicated leadership rendered by the College Management Committee. The college also offers 18 UG and 15 PG programmes exclusively for women as part of women empowerment during the second shift of the college. 17 M.Phil and 17 Ph.D. programmes are offered for both men and women under self financing stream.

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. Haji M.Jamal Mohamed Sahib and Janab N.M.Khajamian Rowther were the founding fathers in whose revered memory the society has been rendering excellent service in the field of higher education.

In addition to Jamal Mohamed College (Autonomous), the Society of Jamal Mohamed College 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 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 Employments Training, Government of Tamilnadu.

HISTORY OF THE COLLEGE

THE LEGACY OF THE MANAGEMENT

- 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. After the sad demise of the founder president Janab. N.M.Khajamian Rowther in 1954, Janab. M. J. Jamal Mohideen had become the President in 1954. He served as both the President and Secretary of the Management Committee from 1954 to 1966 but remained as the President till 1975. In 1966, Hajee. M. J. Jamaludeen Sahib had become the Secretary & Correspondent of the Management Committee and served up to 1973.

- Hajee. N.M.K.Abdul Khader Sahib who had succeeded the founder Treasurer N.M.K.Abdul Samad Sahib and become the Treasurer of the Management Committee in 1964 and served up to 1973 in that position. After the demise of Hajee.M.J. Jamaludeen Sahib, Hajee. N.M.K.Abdul Khader Sahib became the Secretary and Correspondent in the year 1973 and served until 1988 in that capacity and also decorated the office of the presidentship from 1989 to 1990.

- Hajee. M.J.M.Abdul Gafoor Sahib had become the Treasurer in 1973 after N.M.K Abdul Khader Sahib. He served in that capacity up to 1989. Then he was elected as Secretary and Correspondent of the Management Committee in 1989 and held the office till 2011. He had been blessed with the unique distinction of serving as the Secretary and Correspondent during the Silver, Golden and Diamond Jubilee celebrations of the college.

- Hajee.M.B.Abdullah Sahib became the President in 1975 after Janab. M.Jamal Mohideen Sahib and served in that capacity up to 1989. He also served as Secretary for one year from 1988 to 1989. Janab. N. M. K. Abdul Khaliq Sahib became the President in1990 and served in that capacity upto 1995. After him, Janab M. J. Noordeen Sahib served as the President from 1996 to 2014.

- Hajee.K.A. Khaleel Ahamed Sahib became the Treasurer of the Management Committee in 1989 and held the office till 2017.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.

- Dr.A.K.Khaja Nazeemudeen Sahib has been serving as a Member of the Management Committee from 1995 and in 2003 he was elected to the post of Assistant Secretary. Then he has become the Secretary & Correspondent of the Management Committee in 2011.

- Hajee.M.J.Jamal Mohamed Sahib was included as a Member in the Society of Jamal Mohamed College and got elected as the Assistant Secretary in 2011. He served in that capacity from 2011 to 2017. After the tenure of Hajee. K. A. Khaleel Ahamed Sahib, he has become the Treasurer in 2017.

- Dr.K.Abdus Samad was inducted as a Member in the Society of Jamal Mohamed College and has become the Assistant Secretary of the Management Committee from 2017.

TIMELINE OF THE PRINCIPALS

- Jamal Mohamed 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 assumed his office as the Principal in charge from 25th June 2014 to 18th July 2014 and served as 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 on   1st June 2017 and he has been serving in that capacity till date.

CHRONOLOGY OF THE PROGRAMMES AND OTHER ACADEMIC AFFAIRS

- Jamal Mohamed College was founded in 1951, as an affiliated college to University of Madras with 250 students and 12 staff members. During this academic year 1951-1952, Intermediate programmes, B.A. Economics and B.A. Islamic History were offered for men students under aided stream. Department of Deeniyath Education was established in this same academic year. Later B.Com (Aided) was started in the academic year 1952-1953. Other undergraduate courses like B.Sc. Mathematics, B.Sc. Physics, B.Sc. Chemistry and B.Sc. Zoology were started under aided stream during the academic year 1957-1958.

- The first miniature convocation was held at our college premises during the academic 1955-1956. Twenty graduates had attended this miniature convocation and were given warm reception by our college authorities. In this same academic year the construction of Burma Malaya Block was inaugurated by Diwan Bahadur Sir Arcot Lakshmanaswami Mudaliar, Vice-Chancellor of University of Madras for the accommodation of students at Khajamian Hostel.

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

- Khajamian Hostel for men was inaugurated in the academic year 1960-1961.

- Jamal Mohamed College Alumni Association was formed during the academic year 1963-1964 and the General Library of our college (Kamaraj Hall) was inaugurated by Mr.K. Kamaraj, the then Chief Minister of Tamil Nadu in the same year.

- The college was elevated to the status of a post graduate college and started offering PG programmes in M.A. Economics and M.Sc. Mathematics during the academic year 1963-1964 under aided stream.

- Evening College was started during the academic year 1965-1966.

- The College Museum was established and inaugurated by His Highness the Prince of Arcot during the academic year 1967-1968.

- UG Programmes like B.A. English Literature (1963-1964), B.Sc. Botany (1967-1968) and B.A Arabic Literature (1969-1970) were started for men students under aided stream in the subsequent years.

- M.Sc. Physics and M.A English Literature programmes under aided stream were commenced in the academic year 1966-1967. Other PG programmes like M.Sc. Zoology (1969-1970) and M.Com (1971-1972) were also added in the aided stream in the consecutive years.

- In the academic year 1972-1973, Department of Zoology was identified and upgraded as a Centre for Advanced Research leading to Doctorate degree.

- During the year 1974, the college was recognized by UGC, New Delhi to receive financial grant under section 2(F) and 12(B) of the University Grants Commission Act 1956.

- Ph.D. programme was started for the first time in the college by the Department of Zoology during the academic year 1974-1975.

- During the academic year 1975-1976, our college celebrated Silver Jubilee on the successful completion of 25 years since its inception in 1951. The strength of the staff and student arose to 140 and 2675 respectively during that academic year. In this same academic year our college Auditorium was inaugurated by Dr.M. Karunanidhi, the then Chief Minister of Tamil Nadu.

- The first Convocation of our college was held on 11th November, 1975 in the newly built N.B. Abdul Gafoor Auditorium.

- In 1977-1978, on the recommendation of the University of Madras, UGC has 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 provide qualitative development to the colleges in the region.

- Bharathidasan University blossomed in the year 1982 and our college got affiliated to it in the same year.

- M.Phil. Programmes in Zoology (1983-1984) & English (1988-1989) and Post Graduate programmes in M.A Tamil Literature (1979-1980), M.A Arabic Literature (1983-1984), M.Sc. Chemistry (1983-1984) and M.Sc. Botany (1985-1986) were started under aided stream in the subsequent years.

- Self financed PG programmes were started in the august presence of the Central Minister Maragatham Chandrasekar during the academic year 1985-1986. PG Programmes like M.Sc. Chemistry, M.Sc. Zoology and M.Sc. Physics were started for men under self finance stream during that academic year.

- During the academic year 1986-1987, B.Sc. Computer Science programme was introduced in the college under aided stream to meet with the advent of Computer Era. PG Diploma in Computer Applications was started in the academic year 1987-1988. Master of Computer Applications (MCA) programme was started under aided stream during the academic year 1988-1989 for the post graduate students.

- The Guidance and Counselling Centre was established in the academic year 1988-1989 with a purpose to give awareness about available employability opportunities and to fine tune the employability skills of the students. Since from its inception it has been conducting coaching classes for competitive examinations and remedial classes to the students of poor, minority and SC / ST students.

- Ph.D. Programme in English was offered from the academic year 1989-1990.

- Self Financed PG programmes in M.Sc. Computer Science (1990-1991) and M.Sc. Information Technology (1999-2000) were started for men students.

- Overseas Chapters of JMC Alumni Association were formed in Jeddah, Saudi Arabia and Bahrain during the academic year 1991-1992.

- Self Financed UG programmes for men were started during the academic year 1995-1996 and B.Sc. Computer Science was offered for men under self finance stream. PG Diploma in Computer Hardware was also started in this same academic year.

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

- Overseas Chapters of JMC Alumni Association were formed in Jeddah and United Arab Emirates during the academic year 1997-1998.

- During the academic year 1997-1998, The Islamic Development Bank, Jeddah made a generous financial contribution towards the purchase of computer equipments and the construction of Haji Av.M. Mohamed Ibrahim Computer Centre for the Institute of Computer Studies, Jamal Mohamed College which was declared open by Prof. K. Anbazhagan, the then Hon'ble Minister for Education, Govt.of Tamil Nadu.

- Ph.D. and M.Phil. programmes in Commerce and Economics were started during the academic year 1998-1999. Self financed M.Sc. Microbiology Programme for men was also started in this same academic year.

- During the academic year 1998-1999, Overseas Chapters of JMC Alumni Association were formed in Malaysia and Singapore.

- Overseas Chapter of JMC Alumni Association was formed in Kuwait during the academic year 1999-2000.

- The Philanthropic Management of the college felt the need for empowering women through education which resulted in starting exclusive women sections under self finance stream during the academic year 1999-2000. The classes for women section began with 4 women staff members and 150 women students in Shift-II. Initially under graduate programmes like B.Sc. Computer Science, BCA and BBA (1999-2000) were offered for them. Other UG programmes like B.Com and B.A English Literature were started for women students during the academic year 2000-2001.

- During the academic year 2000-2001, our college celebrated Golden Jubilee on the successful completion of 50 years since its inception in 1951. The strength of the staff and student arose to 191 and 4261 respectively.

In this same academic year, Jamal Institute of Management blossomed for offering AICTE approved MBA programme and BCA programme were started for men.

- The Computerized Calligraphy Training Centre was started in the academic year 2001-2002 to offer Diploma in Computer Applications and Multilingual DTP with the approval of National Council for Promotion of Urdu Language (Ministry of HRD, New Delhi).

- During the academic year 2001-2002, NAAC accredited the college at the Five star level for the period of five years from 12.02.2002 to 11.02.2007.

- Ph.D. and M.Phil. programmes in Botany, Mathematics, Physics and Tamil were started in the academic year 2002-2003. PG programmes like M.Com (2002-2003) and M.Sc. IT (2002-2003) were offered for the first time to the Women students.

- During the academic year 2003-2004, separate sections in MBA, M.A English, M.A Arabic and B.Sc. Mathematics were started for women students. Right from this academic year College Day, Sports Day, Graduation Day were conducted separately for women students. Women wings of NSS and NCC were also created in this same year.

- During the academic year 2003-2004, Distinguished Alumnus Awards were presented to our alumni for the first time in the alumni meet held on 15th August 2003 at Jamal Mohamed College in recognition of their achievements in their chosen field.

- During the academic year 2004-2005, JMC Alumni chapters were formed in Chennai, Calicut and Bangalore.

- Ph.D. and M.Phil. programmes in Chemistry (2004-2005), M.Phil. programmes in Computer Science (2004-2005) and Arabic (2005-2006) were started in the subsequent years.

- During the academic year 2004-05, the AICTE has accorded extension of approval to the existing MCA programme offered under aided stream from 1988-1989 and under Self finance stream from 1992-1993. B.Com, B.Litt. Tamil and M.Sc. Bio-Technology programmes for men and M.Sc. Computer Science programme for women were also started in this same academic year.

- The 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. Choice Based Credit System was introduced for all programmes offered by the college from 2004-2005 with the introduction of new syllabi for all UG, PG and M.Phil. programmes.

- Women Hostel was established in the academic year 2005-2006.

- During the academic year 2005-2006, B.Sc. Chemistry, B.Sc. Physics, M.Sc. Mathematics programmes were started for women students. M.A History and BBA programmes were started for men students in this same academic year.

- The UGC has approved Six Career Oriented Programmes (COP) leading to Certificate, Diploma and Advance Diploma courses in Tourism and Travel Management; Computer Hardware and Networking Administration; Functional Urdu, Computer Application and Multilingual with Printing Technology; Journalism; Domestic Chemistry & Quality Assurance and Medical Lab Technology were started during the academic year 2005-2006.

- During the academic year 2005-2006, Department of Science and Technology (DST), Government of India has accorded FIST Scheme to the Departments of Zoology, Botany and Physics.

- M.Phil. programme in Management Studies and Post graduates programmes in M.S.W & M.Sc. Bio-Informatics were started for men students in the academic year 2006-2007.

- B.A and M.A Arabic with integrated Aalim Sanad programmes were started during the academic year 2007-2008. M.Phil. programmes in History, English, Zoology and Ph.D. programme in Arabic were also started in this same academic year under self finance stream.

- The syllabus was revised for all UG, PG and M.Phil. Programmes to be implemented from the academic year 2007-2008.

- The Department of Economics has been offering Typewriting and Shorthand courses with 22 typewriters. This centre was recognised by the Department of Technical Education as Jamal Mohamed College Typewriting Institute in the year 2007-2008. In the same academic year the Department of Commerce is accredited by ICWA Institute for offering coaching in Foundation courses in ICWA, Tally Accounting Packages and CAT.

- During the academic year 2008-2009, our College was accredited by NAAC in the Second Cycle and obtained 'A' Grade (3.6 out of 4.0). In the same academic year Department of Science and Technology (DST), Government of India has accorded FIST Scheme to the Department of Mathematics.

- During the academic year 2008-2009, B.A English, B.Sc. Hotel Management & Catering Science and B.Sc. Information Technology were started for men under self finance stream. Besides, B.Litt. Tamil, B.Sc. Fashion Technology & Costume Design, B.Sc. Nutrition & Dietetics, M.Sc. Microbiology, MSW and M.Sc. Chemistry were also started in this same academic year for women students. UGC approved Career Oriented Programme in Computer Application in Commerce (2008-2009) was also started in this same academic year.

- During the academic year 2009-2010, Islamic Development Bank Block and Islamic Development Bank Dining Hall were declared open at Khajamian Hostel out of the financial contribution of Rs.70 lakhs made by Islamic Development Bank, Jeddah.

- The Arabic and Islamic Research Centre was established with the financial grant offered by Saudi Embassy, New Delhi in the academic year 2009-2010. Ph.D. programme in Computer Science, Management Studies and M.Com for men students were also started in this academic year under self finance stream.

- During the academic year 2009-2010, Entrepreneurial Development Cell was established for training the students to become business entrepreneurs. UGC Sponsored Day Care Centre, Equal Opportunity Centre and Centre for Differently Abled persons were also established in this same academic year.

- During the academic year 2009-2010, the Autonomous Status of the college was extended by UGC and Bharathidasan University for six years from 2010-2011 to 2015-2016.

- M.A English, M.Sc. Mathematics programmes for men and B.Sc. IT programme for women were started in the academic year 2010-2011. PG Diploma in Islamic Banking and Financial Management, PG Diploma in Fermentation Technology and UGC approved COP in E-Mathematical Tools were also started in this same academic year.

- During the academic year 2010-2011, MBA programme was accredited by NBA of AICTE.

- During the academic year 2010-2011, JMC Alumni Chapter of Singapore was registered as a society with the Government of Singapore on 22.11.2010.

- During the academic year 2010-2011, our college celebrated Diamond Jubilee on the successful completion of 60 years since its inception in 1951. The strength of the staff and student arose to 501 and 9625 respectively.

- UGC sponsored Women Hostel Block was inaugurated with the financial support of Rs.80, 00,000 during the academic year 2010-2011.

- The syllabus was revised for all UG, PG and M.Phil. Programmes to be implemented from the academic year 2011-2012.

- Our College has started submitting data for All India Survey on Higher Education (AISHE- Code: C-35832) from the academic year 2011-2012.

- The UGC has conferred our college with the status of "College with Potential for Excellence" during the academic year 2011 – 2012 and sanctioned a sum of Rs.1.1 crore for the period from 2011 to 2016.

- The College has started M.Sc. Fashion Technology & Costume Designing and M.Sc. Nutrition & Dietetics for women students from the year 2011-2012. PG Diploma in Bio-informatics was also started in this same academic year. The College has revised the syllabi for all UG, PG and M. Phil programmes to be implemented from the academic year 2011-2012.

- Ph.D. programmes in Biotechnology, Microbiology, Physical Education and M.Phil. programmes in Biotechnology and Microbiology were started during the academic year 2012-2013. B.Sc. Biotechnology for women and Advanced Diploma in Computer Applications with Arabic for men were also introduced in the same academic year.

- Indoor Stadium was built with the partial UGC grant of RS.70 lakhs during the academic year 2012-2013.

- Civil Services Examinations Study Centre of our college was established during the academic year 2012-2013.

- During the academic year 2013-14, P.G. Diploma in Biodiversity Informatics under UGC Innovative Course was introduced.

- In the academic year 2013-14 our college was 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.

- The NSS Units of Jamal Mohamed College were awarded Indira Gandhi NSS Award (National Award) by Hon'ble President Pranab Mukherjee during the academic year 2014-2015.

- The syllabus was revised for all UG, PG and M.Phil. Programmes to be implemented from the academic year 2014-2015.

- Enterprise Resource Planning (ERP) division of our college was established during the academic year 2014-2015.

- During 2014-2015, Jamal Institute of Management was ranked in Category 'A' by All India Management Association (AIMA), New Delhi, under Business Standard B-Schools Ratings categories.

- Our college was accredited by NAAC in the Third Cycle and obtained 'A' Grade in 2015-2016 and the status was extended up to May 2023. B.Sc. Microbiology programme for women was also started in this same academic year.

- Students Counselling Centre of our College was established in the academic year 2015-2016.

- Internal Quality Assurance Cell (IQAC) was annexed to the administrative building with adequate facilities during the academic year 2016-2017.

- The UGC has granted extension of Autonomous Status to our college for a further period of six years from 2016-2017 to 2021-2022.

- During the academic year 2016-2017, B.Sc. Visual Communication was started for Men Students. JMC Alumni Chapter was formed in Tiruchirappalli in the same academic year.

- During the academic year 2016-2017, our College was bestowed with the unique honour of "CPE" status (Phase-II) by the University Grants Commission and a sum of Rs.1.1 crore was sanctioned for the period from 2017 to 2022.

- The syllabus was revised for all UG, PG and M.Phil. Programmes to be implemented from the academic year 2017-2018.

- The Centre for Islamic Tamil Cultural Research was established in the academic year 2017-2018.

- Founders' Day was celebrated for the first time in memory of the founders Haji. M. Jamal Mohamed Sahib and Janab. N.M. Khajamian Rowther on 11th July 2017, the day on which the college was started in 1951.

- During the academic year 2017-2018, Our College was ranked as one of the Top hundred colleges (83rd rank) in the National Institutional Ranking Framework (NIRF) - 2018 by MHRD, New Delhi.

- Muslim Minority Status of the college was renewed by the Government of Tamil Nadu for a period of five years from 2017-2018 to 2021-2022.

- Ph. D. programme in History was started in the academic year 2018-2019.

- In 2018-2019, A state-of- the- art Green Matte Studio, Audio Recording Studio and Editing Suite were established and made available for the benefit of the Students and Staff Members.

- M.Phil. in Nutrition and Dietetics (2018-2019) and Social Work (2019-2020) were started under self finance stream. B.A. Arabic and B.Sc. Zoology programmes were also started for women students during the academic year 2018-2019. For the first time, under UGC NSQF scheme B.Voc. Programmes in Apparel & Fashion Design and Food Processing& Safety were started for women students.

- During 2018-2019, Innovation and Incubation Centre and Intellectual Property Rights Cell were established in the college.

- During the academic year 2018-2019, Our College was ranked as one of the Top Hundred Colleges (59th rank) in the National Institutional Ranking Framework-2019 by MHRD, New Delhi.

- Government of Tamil Nadu has identified our College to sanction infrastructure grants under RUSA Scheme in the academic year 2018-2019. Our College has joined under Unnat Bharat Abhiyan Scheme launched by MHRD as a participating institute for rural development in the same academic year.

- DST FIST Level "O" grant of Rs.1.1 Crore was sanctioned to six science departments of our college namely Mathematics, Physics, Chemistry, Botany, Zoology and Computer Science in the academic year 2018-2019. Department of Moral Education was established in this same academic year.

- During the academic year 2019-2020, Our College was ranked as one of the Top hundred Colleges (54th rank) in the National Institutional Ranking Framework -2020 by MHRD, New Delhi.

- Ph.D. programme in Hotel Management was started in the academic year 2019-2020.

- The office of Dean of Arts, Dean of Science, Dean of Research, Curriculum Development Cell, Alumni Association and Part-V Activities were annexed to the administrative building during the academic year 2019-2020.

- Thiru Edappadi K. Palaniswami, Hon'ble Chief Minister of Tamil Nadu, presented The New Indian Express' "Think Edu Award" to our College on 09th January 2020 for our continued excellence in education.

- Five Science Departments such as Mathematics, Physics, Chemistry, Botany and Zoology have been selected by the Department of Biotechnology (DBT) and got awarded the Star College Scheme in the academic year 2020-2021 with the financial grant of Rs.1.04 Crore.

- During the academic year 2020-2021, Our College was ranked as one of the Top hundred Colleges (65th rank) in the National Institutional Ranking Framework -2021 by MHRD, New Delhi.

- The syllabus was revised with the introduction of Outcome Based Education (OBE) for all UG, PG and M.Phil. Programmes to be implemented from the academic year 2020-2021.

- B.Voc. Tourism and Hospitality Management and B.Voc. Media Production were started during the academic year 2020-2021. Besides, Diploma programmes in Aquaculture, Horticulture and Insurance and Actuarial Science were also started for men students in this same academic year 2020-21 under UGC NSQF Scheme.

- JMC Alumni Association Chapters were formed in UK, USA, Tenkasi, Kongunadu and were inaugurated through online in the academic year 2020-2021.

- Global Alumni Job Search Engine exclusively for Jamalians was created with the support of the alumni spread all over the globe during the academic year 2020-2021.

- The UGC has granted extension of Autonomous Status to our college for a further period of six years from 2022-2023 to 2026-2027.

- Our College was ranked as one of the Top hundred Colleges (79th rank) in the National Institutional Ranking Framework - 2022 by MHRD, New Delhi.

PROGRAMME OUTCOMES -ARTS

Undergraduate Programme

At the end of the Programme the Students will be able to

- Discuss the fundamentals of facts and concepts of languages, literature, history, business education, managerial skills and economics and an interdisciplinary cohesion of these subjects in providing a knowledge base.

- Develop communicative skills, exchange of ideas through oral and written mode, also interpersonal and intrapersonal communication, a thirst for learning through experiential learning and inquiry based learning, and advancement to higher education.

- Apply analytical skills, critical thinking, problem solving skills, decision making skills, in solving real life problems and meeting the needs of the society.

- Demonstrate an integrated personality in facing interviews competitive exams, new challenges and entrepreneurship.

- Recognize the social, political and cultural aspects of the society and exhibit societal and ethical concerns and global awareness.

Postgraduates Programme

At the end of the Programme the Students will be able to

- Explain the advanced concepts, ideas of the concerned discipline such as languages, literature, history, business education, managerial skills and economics and appreciate the interrelatedness among the subjects.

- Identify a problem, search literature, frame hypothesis, analyze it with relevant statistical tools, draw conclusions and interpret the results in written and oral form.

- Exhibit respect to the world around them on ethical consideration and understand the creativity, diversity, contemporary issues in shaping the future of them and the society.

- Integrate the learned skills and knowledge leading them to noticeable changes in their vision, goals, attitudes and skills.

- Apply employability skills in viewing real world requirements, self development and sustained living.

M.Phil. Programmes

At the end of the Programme the Scholars will be able to

- Develop intellectual creativity, passionate reading and innovative thinking.

- Demonstrate a quest for lifelong independent learning and pedagogical skills.

- Manage information in application of research methodology to the identified problems, library skills for literature search, and technical skills for statistical analyses, organize the ideas into a meaningful scientific report and present it in oral and written means of communication.

- Apply advanced research techniques and demonstrate their understanding of the disciplinary concepts.

- Exhibit commitment towards research and the society following the codes of ethics, practice and moral values.

PROGRAMME OUTCOMES – SCIENCE

Undergraduate Programme

At the end of the Programme the Students will be able to

- Discuss current scientific facts, concepts, fundamental principles and scientific theories in solving societal problems and make informed decisions in scientific contexts.
- Transcribe scientific ideas, arguments and practical experiences and demonstrate laboratory skills in handling new scientific techniques and equipments safely and ethically.
- Recognize the benefits and limitations of science and its application in technological developments.
- Demonstrate an ability to pursue higher education as an independent learner and become entrepreneurs in the relevant discipline.
- Devise strategies to meet community requirements and serve as responsible citizens.

Postgraduates Programme

At the end of the Programme the Students will be able to

- Describe advanced and contemporary concepts, principle and theories in the appropriate field to solve real problems.
- Apply skill of observation for scientific experiments, draw logical conclusions and present it as a report.
- Employ intellectual, personal, interpersonal and societal skills in professional career to maximize professional growth.
- Prepare themselves as capable administrators, educators, researchers and pursue higher education as lifelong learner.
- Develop scientific attitude not only with respect to science subjects but also in all aspects related to life imbibing ethical, moral and social values in personal and social life.

B.Voc. Programme

At the end of the Programme the Students will be able to

- The course opens diverse job scopes in various industries like food, fashion, interior designing, hotels and tourism – based industries.
- Incorporates the requirements of various industries in a flexible manner which develops holistic and well-groomed graduates thus meeting the emerging needs of the economy.
- Aiming at generating a critical mass of industry-employable –skilled-persons to meet the skill gap in different areas of work.
- Recognize the benefits and limitations of science and its application in technological developments.
- Ensure that the persons trained and skilled in accordance with the norms laid down are assured of employment at decent wages.

M.Phil. Programmes

At the end of the Programme the Scholars will be able to

- Critically evaluate information and ideas from multiple perspectives and synthesize newer thrusts of knowledge making a contribution to the field.
- Develop communication skills in publicizing the findings of scientific study in oral and written mode.
- Analyze creatively to propose novel ideas in explaining facts and providing new solution to real problems and understand the influence of science in other disciplines.
- Demonstrate a pursuit of knowledge as a lifelong activity combining untiring efforts taking social moral and ethical values into consideration.
- Adopt the results of the research to enhance their scientific integrity, acquire jobs, personal endeavors and live a life of a civilized society.

PROGRAMME SPECIFIC OUTCOMES

ARABIC

B.A. Arabic

At the end of the Programme the Students will be able to

- Appreciate classical and modern literature and poetry.

- Articulate knowledge of major literary, artistic and cultural works and figures associated with Arabic Language.

- Describe the nature, functions, evolution, linguistic concepts of Arabic Language pertaining to Listening, Speaking, Reading and Writing Skills.

- Translate and transcribe basic language structures from Arabic to English and Vice Versa.

- Integrate Arabic language proficiencies, technological skills to effectively perform tasks typical of today's globalised work environment and environmental issues.

M.A. Arabic

At the end of the Programme the Students will be able to

- Recognize the role of Islamic legislation and Philosophy in Classical Arabic literature.

- Demonstrate the ability of communicating in Arabic language both in oral and written form.

- Translate and interpret Arabic literature into English language.

- Compare and contrast the classical literature with modern literature and Indo Arabic literature.

- Consolidate the Arabic Literature for competitive exams to acquire jobs in Arabic career.

M.Phil Arabic

At the end of the Programme the Scholars will be able to

- Summarize the history of Arabic literature.

- Outline the research methods, investigation procedures, use of statistical analyses to carry out research projects and publish papers in journals.

- Adapt and apply teaching learning skills in Arabic language.

- Investigate a research problem and formulate possible solutions pertaining to Arabic language and literature ethically.

- Evaluate the societal issues, problems prevalent in language learning for shaping a better learned society.

BIOTECHNOLOGY

B.Sc. Biotechnology

At the end of the Programme the Students will be able to

- Demonstrate a base of knowledge on the fundamentals of biotechnology and technical concepts in the field of biotechnology.

- Recognize the importance of bioethics, IPR, entrepreneurship, communication and managerial skills as instrumental to future biotechnologist.

- Discuss the domains of biotechnology and their applications in industrial research, scientifically and ethically.

- Employ basic laboratory skills for research in biotechnology and interdisciplinary aspects of biotechnology using scientific methods to explore natural phenomena.

- Combine the principles of biotechnology and its interdisciplinary concepts for finding solutions to contemporary biological questions.

M.Sc.Biotechnology

At the end of the Programme the Students will be able to

- Discuss the principles and the applications of molecular biology, methods with an emphasis on the application of recombinant DNA technology to animals, plants and microbes.

- Explain the concepts and applications of monoclonal antibody technology, use of mammalian cells for the production of pharmaceutical products.

- Relate the applications of biotechnology and advances in the different areas like medical, environmental, agricultural, veterinary and forensic sciences.

- Apply technical skills necessary to support biotechnology research study.

- Extrapolate the scope for career in biosciences by getting through competitive exams or through research undertakings.

M.Phil. Biotechnology

At the end of the Programme the Scholars will be able to

- Demonstrate critical understanding of advanced level of updated knowledge in the field of biotechnology.

- Apply the knowledge of teaching learning skills in personal and professional life.

- Integrate life-long learning skills and academic advancements.

- Appraise biotechnological research using theoretical knowledge and practical application of laboratory equipments critically and systematically.

- Prepare research project reports for publication in journals and present them orally and in written form.

Post Graduate Diploma in Fermentation Technology

At the end of the Programme the Students will be able to

- Describe the basic concepts in biomolecules and microbial biochemistry.

- Explain the principles of fermentation technology, use of biocatalysts and biotransformation involved in the bioprocess.

- Illustrate the process of industrial fermentation, bio process of animal and plant cell and the role of enzymes in fermentation.

- Summarize the steps in downstream processing.

- Evaluate the cost effective fermentation process and bioprocess in compliance with market demand.

Post Graduate Diploma in Bioinformatics

At the end of the Programme the Students will be able to

- Explain the fundamental principles of Bioinformatics and statistical applications in bio informatics.

- Outline the process of generation, manipulation and representation of molecules for drug modeling.

- Describe the basic structure of biological molecules, process of acquiring the structures and the interaction between the molecules.

- Develop and apply basic computer programming to build biological algorithms and models to study their relationships.

- Deduce the interrelationship between genomics and Proteomics, techniques involved in analyzing proteomics and its applications.

BOTANY

B.Sc. Botany

At the end of the Programme the Students will be able to

- Recall the range of plant diversity in terms of structures, function, environment relationship and classification of plants.

- Develop basic knowledge to make a substantial contribution in environmental science for the biodiversity conservation and sustainable use of natural resources.

- Apply the practical skills of handling laboratory equipments in the field and in the laboratory, safely.

- Generate employment opportunities through self employed entrepreneurial skill and competitive exams.

- Construct multidisciplinary and interdisciplinary knowledge for the promotion of communities, population and ecosystems.

M.Sc. Botany

At the end of the Programme the Students will be able to

- Identify various group of plants, their functions, utilization and conservation aspects and give scientific explanation for the unity and diversity on earth.

- Demonstrate knowledge on primary and modern techniques in terms of theory and practical application and also handling of laboratory equipments for biological research.

- Combine the knowledge of interdisciplinary subjects such as molecular biology, Biotechnology, Bioinformatics and Biostatistics for the mitigation of biodiversity and environmental issues.

- Apply the cultivation of sea weeds, floriculture and plant tissue culture for entrepreneurship and commercialization.

- Appraise various analytical techniques for planning and execution of biological experiments, and drafting them as a report.

M.Phil Botany

At the end of the Programme the Scholars will be able to

- Outline the recent advances in Botany such as molecular taxonomy, sequence analysis, analytical, statistical methods for the specific areas of research.

- Illustrate the teaching learning skills by being proponent in the classroom and laboratory setup.

- Organize the laboratory practices and experimentation, compile and communicate,them into research report based on the principles of thesis writing and research publication.

- Approve changes in environment with high integrity and transport ethical professionals.

- Conceive opportunities for higher education and research career.

BUSINESS ADMINISTRATION

B.B.A.

At the end of the Programme the Students will be able to

- Demonstrate basic understanding of underlying relationship of Management, Accounting Finance, Economics, Marketing and Management information systems.

- Associate knowledge on specialized areas such as Human resource management, Finance and Marketing to address global and local issues in business administration.

- Apply statistical, mathematical and technological tools for business presentations, solve business and marketing problems, decision making and for developing marketing plans and strategies.

- Express business issues, management concepts, plans and decisions both in oral and written form, exhibiting leadership and managerial skills blending ethical issues and social responsibilities.

- Employ cost accounting principles and techniques for analyzing the cost components to facilitate managerial decision making.

M.B.A.

At the end of the Programme the Students will be able to

- Describe current theory and techniques of the business administration, varied management aspects such as financial management, operations management, marketing management, strategic management and human resource management.

- Integrate the tools and concepts of various functional areas of Management to investigate and solve the critical and specific business problems to bridge diverse perspectives, cultures, and disciplines.

- Explore new business opportunities, design and implement innovations in business organizations and lead entrepreneurial leadership and strategic ventures.

- Apply deontological and consequential views on solving management problems and decision making imbibing legal practices, social values and ethical reasoning.

- Develop the ability to communicate in a variety of contexts through different medium, assessing global opportunities and challenges for business growth.

M.Phil. Management Studies

At the end of the Programme the Scholars will be able to

- Integrate management techniques to aid planning and control in changing global competitive environments, conflict management, leadership and team membership skills needed for implementing and coordinating organizational activities.

- Apply business analysis, management science, data management, diagnostic problem-solving skills and statistical tools for business solutions and decision making.

- Synthesize employment and business opportunities and become a business leader by means of self employment, entrepreneurship, research quest or competitive examinations.

- Employ teaching and learning skills in the classroom and personal development through continuous learning.

- Validate a research problem in the relevant field using scientific methods of addressing a business problem and dissemination of results as report writing.

PGDIBFM

At the end of the Programme the Students will be able to

- Explain basic concepts and theories in managerial Economics, Financial accounting, cost accounting and Banking.

- Identify the relationship between banking and Islamic law and connectivity within Islamic banking and finance.

- Analyze a problem in banking based on Islamic law and banking features, provide solutions and report them in writing.

- Formulate Islamic investment prospects and portfolio management guided by Islamic Shariah.

- Develop as socially responsible citizens with integrity and attending societal problems ethically.

CHEMISTRY

B.Sc. Chemistry

At the end of the Programme the Students will be able to

- Discuss the fundamental and application of current chemical and scientific theories in the core areas such as inorganic, organic and physical chemistry and applied areas of chemistry such as Agricultural chemistry, Nutritional chemistry, Drug Chemistry and Water Chemistry.
- Design, carry out chemical experiments in laboratory following using modern instruments and classical techniques safe use of equipments and chemicals, interpretation and documentation of the results and communicate through thesis writing and research publications.
- Apply appropriate techniques for the analysis of chemicals in research and development laboratories and industries, leading to employment opportunities in chemical industries as a chemist.
- Formulate solutions to address current problems through chemical principles in a variety of fields and evaluate the potential impact chemistry may have on society, health, and the environment.
- Explain, integrate and apply relevant knowledge to problems that emerge from the broader interdisciplinary subfields and probable solutions for environmental problems.

M.Sc. Chemistry

At the end of the Programme the Students will be able to

- Explain advanced concepts of Inorganic, Organic and Physical Chemistry and integrate knowledge in discipline specific areas.
- Design chemical reactions and their mechanism using a variety of chemical instrumentation, laboratory techniques, statistical and computational methods and interpret it as scientific reports through oral and written means.
- Apply modern instruments and technologies and classical equipments in execution of chemical experiments, recognizing the uncertainties and error in experimental measurements following the ethical standards as chemists.
- Examine the importance of chemistry in dealing with political, social, environmental and societal problems due to chemicals and plausible remedial measures for sustainable society.
- Identify career prospects as chemists in research and development organizations or through entrepreneurial associateship.

M.Phil. Chemistry

At the end of the Programme the Scholars will be able to

- Identify current topics of chemical research, and perform either basic, applied or transdisciplinary research based on theoretical concepts and facts.
- Examine the possibilities of solutions to societal problems caused through hazardous chemicals through scientific research conducted with appropriate use of safety measures and ethical considerations.
- Apply the teaching learning knowledge for personal and professional growth in the classroom and affiliated setup.
- Describe the instrumental and computational methods of chemical research.
- Devise employment openings, foundational on theoretical and applied understanding of chemicals and chemical reactions by getting through competitive exams or as an entrepreneur.

COMMERCE

B.Com.

At the end of the Programme the Students will be able to

- Discuss principles and concepts in the areas of accounting and use of them in different types of business organizations and acquaintance with the procedure of preparation and analysis of financial statements for external users and managers for business transactions and managerial decision making.
- Explain the types of business organizations, office management, regarding legal frame work governing the business world management of human resources within the organization, marketing strategies, insurance, industrial relations and corporate ship.
- Create, select, and apply appropriate techniques, resources, and modern statistical tools & software for economic problems and for the cultural, societal, and environmental considerations.
- Exhibit entrepreneurial skill through knowledge in the finance institution, project report incentives and subsidies and adapt to the ever changing business environment.
- Analyze the impact of the professional accounting solutions in societal and environmental contexts.

M.Com.

At the end of the Programme the Students will be able to

- Discuss application oriented knowledge and understanding of contemporary trends in business and the techniques of managing the business with special focus on the functional areas of management both at domestic and international level.
- Employ skills and strategies in the chosen field at different capacities for the successful functioning of the Industries, Finance and Investment, logistics, distribution channel management and application of information technology in business to meet the well trained manpower requirements.
- Create employment possibility in management sectors as managers, financial accountants, cost accountants, auditors, company secretaries, teachers and bank managers with an ethical awareness.
- Apply different research methodologies of research and proficient use of statistical methods and tools for modeling and analysis of data management, accounting techniques on undertaking research in varied fields of commerce.
- Prepare and analyze financial statements, financial reports, and the provisions of Income Tax Act and their applications in computations of taxable income of an individual under different heads of income.

M.Phil. Commerce

At the end of the Programme the Scholars will be able to

- Explain the functional areas of management.
- Design, develop and execute specific research problems in commerce and adjoining areas and present a technical report in oral and written form.
- Apply teaching learning skills in the classroom and for personal advancement.
- Recognize the employment opportunities in alliance with commerce subject on attempting entrepreneurship, getting employed in companies or qualifying national level examinations.
- Recommend solutions to business world problems and thereby meeting the demands of society in the cultural, social, economical and environmental contexts.

COMPUTER APPLICATIONS

B.C.A.

At the end of the Programme the Students will be able to

- Discuss the programming languages C, C+, Java, Python and other operating systems and database management systems.
- Apply the numerical and statistical methods and the principles of accountancy for computation and operations research and communicate them in written and oral mode.
- Illustrate scripting languages and practical application of data analytical tools and software testing tool to solve problems in computer operating systems.
- Employ multimedia, data communications, networking principles, office automation, image editing tools and the concept of software engineering in business contexts.
- Recognize the social and ethical issues in media operated systems and apply the knowledge of Mathematics and management in computer applications to advance in studies and professionalism.

M.C.A.

At the end of the Programme the Students will be able to

- Express computing fundamentals, basic Mathematics, Computing specialization, and domain Knowledge of proper computing models for defined problems.
- Develop and apply computer based applications to solve real problems and recognize the technological developments in the usage of modern design and development tools to design a variety of applications.
- Recall management principles and apply them to develop software as a team member and manage projects efficiently for multidisciplinary environments.
- Associate multidisciplinary knowledge through real-time projects and industry training and providing a sustainable competitive edge in R&D and meeting industry requirements.
- Choose career prospects in industry, government sectors, academia, research, consultancy firms and entrepreneurship pursuit.

PGDCA

At the end of the Programme the Students will be able to

- Explain the programming in C, principles of accountancy, office automation, visual programming, shell programming and web designing.
- Compute practical application of editing, programming, web designing and visual programming using domain knowledge.
- Demonstrate creativity, develop innovative ideas and to work in teams to accomplish a common goal.
- Define and solve problems individually and with groups, using a variety of resources and methods, including technology and scientific reporting.
- Conceive employability and entrepreneur skills bearing ethics and social responsibility.

COMPUTER SCIENCE

B.Sc. Computer Science

At the end of the Programme the Students will be able to

- Discuss the fundamental theories, concepts, Algorithms, Data Structures, Programming Languages, Compliers and Computer hardware and architecture and their applications in computer science.
- Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline and evaluate the impact of technological advances in the society and the social, legal, ethical and cultural ramifications of computer technology.
- Appraise computation and programming, the theoretical basis of the mathematics and symbolic concepts that underlie computing and communicate in a collaborative environment, present ideas, and document work at all stages of software development.
- Analyze problems and design algorithms, execution of programs written in C++ language, identify the components of a computer and the organization of those components, map statements and constructs in a high-level language into a sequence of machine instructions to solve real life problems.
- Use current techniques, skills, and tools necessary for computing practice for acquiring job in the field of computer science and its allied areas, engaging in continuous professional development through lifelong learning.

M.Sc. Computer Science

At the end of the Programme the Students will be able to

- Exhibit proficiency in basic computer applications, theoretical dimensions and its application in various fields.
- Analyze the local and global impact of computing on individuals, organizations and society, blending analytical, logical and technical aspects and become lifelong learners and contributors to society.
- Apply analytical and computational approaches on changing societal and technological challenges to meet desired needs within realistic constraints with positive attitude and develop computer applications using modern tools and techniques.
- Discover employment possibilities through self employed entrepreneurs, jobs in computer and related companies or by qualifying competitive examinations.
- Transcribe concepts and results to a technical audience in the form of a technical report and/or an oral presentation on recognizing the professional, ethical, legal, security and social issues and responsibilities

M.Phil. Computer Science

At the end of the Programme the Scholars will be able to

- Express the social, cultural and ethical impact of the latest computer technologies on the society and the impact of research in environmental contexts that promotes societal developments.
- Apply and analyze research-based knowledge and research methods to provide valid conclusions and decisions and prepare a scientific report.
- Apply the modern concepts of computer science in research by utilizing the latest and advanced tools of computation concerning the moral, ethical and social values.
- Appraise the theoretical knowledge of teaching learning skills inside the classroom and personal development.
- Select employment provisions in the relevant field either through research or competitive exams and engage in independent and lifelong learning in the broadest context of technological change.

ECONOMICS

B.A. Economics

At the end of the Programme the Students will be able to

- Deduce reasonable predictions about possible economic outcomes based upon economic conditions and economic theories.
- Analyze data to support economic decision making using technologically advanced statistical tools and econometric techniques proceeded by economic evaluation and presentation of the results in a professional setting
- Describe how economic trade-offs and social values impact public/private social policy, and the success or failure of policies to achieve intended outcomes.
- Explain basic economic concepts such as GDP, unemployment, supply & demand, comparative advantage, opportunity cost and micro-economic concepts such as elasticity, monopoly and price discrimination, fiscal and monetary policies and measures of economic change and indicators of growth and development.
- Discuss the nuances of Public Finance and Environmental Economics, and correlate ideas from interdisciplinary areas such as Marketing, Human Resource Management, Managerial Economics, Financial Economics and Entrepreneurial development.

M.A. Economics

At the end of the Programme the Students will be able to

- Explain new developments and contemporary issues in the field of economics and advanced theories in micro, macro and monetary economics.
- Identify economic problems and apply empirical evidence to economic arguments, by collecting evidences using appropriate statistical techniques, and interpret the results of such analyses imbibing research ethics.
- Organize global and disciplinary knowledge and practical skills for professional development in higher education and for obtaining job.
- Transcribe in diverse audiences and situations using equations and graphs and demonstrate skills in business and accounting.
- Apply pragmatic, principles-based policies to enhance economic well-being and promote social justice.

M.Phil Economics

At the end of the Programme the Scholars will be able to

- Apply empirical evidence to evaluate the validity of an economic argument, use statistical methodology, interpret statistical results and conduct appropriate statistical analysis of data.
- Prepare a scientific report based on evidences and disseminate convincing statements through oral and written mode for current economic problems and intended economic crisis.
- Develop teaching and learning skills in the relevant field and practice it in the classroom and for self development.
- Recognize advanced theories in economics and the technical application in addressing real world problems for the economic and social well being of the masses.
- Identify career in the field of economics and its adjoining sectors through self employment or competitive exams.

ENGLISH

B.A. English

At the end of the Programme the Students will be able to

- Explain the classic, contemporary and modern literary forms in relation to the salient features and literary traditions of the historical age of writing and state the proximity of life and literature.
- Demonstrate English language skills in listening, speaking, reading and writing by engaging learners in a range of communicative tasks and activities including business settings.
- Transcribe the history of English literature and English language and various literary genres along with world literature.
- Discuss the place of Indian writing in English and the exponents of Indian writing and their literary works.
- Evaluate the concepts of literary critics and their contribution to English literature and English language teaching in India.

M.A. English

At the end of the Programme the Students will be able to

- Analyze works of literature in one or more interpretive contexts or frameworks and use one or more theoretical approaches for literary interpretation.
- Outline basic functions in literary texts with historical, social and political contexts writing techniques, constitutive of individual genres.
- Express literary movements, favoured genres and the development of literary forms.
- Integrate learned skills and knowledge leading them to noticeable changes in their vision, goals, attitudes and skills.
- Recognize employment requiring application of language and literature skills and evolve as a lifelong learner for professional development.
- Demonstrate an ability to communicate and proficiency in the four skills of language Listening, Speaking, Reading and Writing in real world circumstances and a quest for reading and research skills.

M.Phil English

At the end of the Programme the Scholars will be able to

- Transcribe analytically in a variety of formats, including essays, research papers, reflective writing, and critical reviews of secondary sources.
- Identify, analyze, interpret and describe the critical ideas, values, and themes that appear in literary and cultural texts and understand the way these ideas, values, and themes inform and impact culture and society, in contemporary and ancient times.
- Explain the ideals and conditions for literary research, common and basic scholarly requirements of logical and empirical rigor in undertaking a research based on research ethics and socially responsible citizens.
- Adopt the teaching learning skills in teaching English language and literature and in personal improvement for academic excellence.
- Outline the contemporary literary theory and its relatedness to literatures of the past.

FASHION TECHNOLOGY & COSTUME DESIGNING

B.Sc. Fashion Technology & Costume Designing

At the end of the Programme the Students will be able to

- Express the basic concepts of designing, drafting, methods of pattern making and its alteration with techniques for garment construction and skills on Photoshop and Corel Draw.

- Explain the conceptual theories of textile science and fabric construction and to expertise in merchandising, quality control and its specification in apparel industry.

- Illustrate draping and visual display of merchandise.

- Analyze recent trends and design market friendly, sustainable, ethnically and viable design textile products and use modern design in apparel product and process development.

- Identify employability as a fashion designer either self employed or work in fashion designing sectors.

M.Sc. Fashion Technology & Costume Designing

At the end of the Programme the Students will be able to

- Analyze and develop their own style in designing fabrics and designing of different brands.

- Adapt new eco-friendly technologies in textile designing and skills for professional growth and transform into able administrator and educators with enriched social and ethical values.

- Apply the theories and skills to solve real time problems in apparel design and work as a team in an organization and become accomplished successful designers, entrepreneurs or industry ready professionals.

- Discuss fashion styling in the design world, explore and learn new sketching in unique theme.

- Demonstrate knowledge in fashion designing software such as rich peace fashion studio, rich peace pattern making CAD, Photoshop and Corel Draw.

B.Voc. Apparel and Fashion Design

At the end of the Programme the Students will be able to

- Discuss design process, clothing psychology, fabric manufacturing, marketing and functioning of a fashion industry.

- Demonstrate sewing techniques, and apparel designing for girl's wear, boy's wear, women's wear and men's wear.

- Apply technical knowledge in making accessories, apparel draping, materials selection, embroidery and fabric painting.

- Employ computer technologies in fashion designing and develop an entrepreneurial skill to meet market demands.

- Assess market and consumer factors that influence apparel and textile merchandising and marketing decisions.

HISTORY

B.Sc. History

At the end of the Programme the Students will be able to

- Outline the past socio-cultural, political and economic condition of the people in the world and the change that occurred in the due course of time.
- Discuss concepts related to Archaeology, Journalism, Human Rights, Tourism and Political Science, and social political religious and economic condition of India through the ages.
- Analyze the socio-political, economic and philosophical thoughts of personalities that helped to shape the mankind in the modern world and constitutional development of the countries around the world and India in particular.
- Transcribe the basic concepts, theories and principles of geographical phenomena and environment and climatic conditions, reflect on the life of the people and the past glory of Tamil culture and the social, political, religious and economic condition of Tamil Nadu through the ages.
- Identify employment and/or advance in higher education on application of basic understanding of historical perspectives of India and the world.

M.Sc. History

At the end of the Programme the Students will be able to

- Express terms, concepts, events, ideals, personalities and principles in Indian History.
- Analyze the various ways of life, belief, political, economic, social and cultural development of the world and particularly the socio-cultural heritage of Arabs.
- Explain international relations, origin of war and the maintenance of peace, the executive power, character of state and non-state actor, contemporary global issues and importance of world peace.
- Identify ancient monuments, inscriptions, literature and the glorious past of Tamil Nadu and appreciate its historical richness.
- Apply historical research method and present the findings as a project report and get through competitive exams proposing career openings.

M.Phil History

At the end of the Programme the Scholars will be able to

- Recognize the diversity of human experience, including ethnicity, race, language, sex, gender, as well as political, economic, social, and cultural structures over time and space.
- Demonstrate historical research skills in conceptualizing and executing original research work and expressing their thoughts clearly and coherently both in writing and orally.
- Exhibit mastery in teaching and learning skills inside classroom teaching and involves in life-long learning for self growth.
- Outline the historiography of world history and India history and connectedness of the past and the modern world.
- Appraise employment probabilities through application of research skills or qualifying competitive examinations enduring life-long learning.

HOTEL MANAGEMENT & CATERING SCIENCE

B.Sc. Hotel Management & Catering Science

At the end of the Programme the Students will be able to

- Discuss the basic of cookery and variety of cookeries such as Asian cookery, European Cookery, Food and beverage services.

- Outline the entry level management operations with a specific focus on individual, social and environmental perspectives and professional preparation, presentation and service of quality food.

- Evaluate and apply vocationally relevant concepts of operational and strategic management.

- Integrate human, financial and physical resources for in providing service to the customers and food service operations practicing industry defined work ethics.

- Identify problems in the work field and management strategies to work with people from diverse cultural background

B.Voc. Programme (Tourism and Hospitality Management)

At the end of the Programme the Students will be able to

- Understand and demonstrate the core technical, analytical and conceptual skills appropriate for tourism and hospitality

- Comprehend and articulate the written and oral communication as appropriate for tourism and hospitality environments.

- Develop fundamental in-depth knowledge and understanding of the techniques, principles, concepts, values, substantive rules and development of the core areas of tourism and hospitality.

- Apply the work-readiness knowledge and skills in different levels of management operations with a specific focus on individual, social and environmental perspectives relevant to Tourism and Hospitality.

- Function effectively as an individual and as a member or leader in teams, and in multidisciplinary settings by demonstrating life skills, coping skills and human values.

INFORMATION TECHNOLOGY

B.Sc.Information Technology

At the end of the Programme the Students will be able to

- Apply modern technical concepts and practices in the core information technologies and integrate IT based solutions into the user environment.

- Identify and analyze user needs and take them into account in the selection, creation, evaluation and administration of computer based systems and solve business world problems using information technology.

- Recognize the professional, ethical, legal, security and social issues and responsibilities and creation of an effective project plan.

- Transcribe in business environments in a variety of contexts and make effective presentations.

- Demonstrate working knowledge of programming, data structures, computer network paradigms, data mining, software testing and multimedia animation.

M.Sc. Information Technology

At the end of the Programme the Students will be able to

- Demonstrate foundational knowledge on .NET technology. Data structures, Algorithms, Java programming, Web services and software testing.

- Develop and implement optimal solutions to complex computing problems using industry-recognized best practices and standards.

- Apply ethical decision making and societal concerns in the development, implementation, and management of IT systems and cyber security.

- Combine analytical logical and technical aspects to resolve issues in artificial intelligence, machine learning and real time problems.

- Identify employment prospects in local and international companies or business enterprise and/or competitive exams.

MATHEMATICS

B.Sc. Mathematics

At the end of the Programme the Students will be able to

- Discuss the foundation and history of mathematics, perform computations in calculus, Trigonometry, Algebra and number theory.
- Apply analytical and theoretical skills and mathematical ideas to solve mathematical problems and to model real-world problems.
- Recognize a variety of examples where mathematics or statistics helps accurately explain abstract or physical phenomena.
- Utilize technology to address mathematical ideas, and mathematical programming using C++ and statistical calculations.
- Demonstrate an ability to use working knowledge of mathematics in their careers and progress to higher education.

M.Sc. Mathematics

At the end of the Programme the Students will be able to

- Describe the origin of Graph Theory, different types of graph theory and advanced operations on graphs.
- Discuss the topology in mathematics, differential equations, numerical analysis and fuzzy analysis and their applications to perform mathematical calculations.
- Recognize and appreciate the connections between theory and applications and mathematical methods in Biology and Python programming.
- Apply quantitative methods such as the modern probability theory, measure theory fluid dynamics and integral equations to solve mathematical and real world problems.
- Create employment prospects through application of mathematical concepts and work independently and be a perpetual learner.

M.Phil Mathematics

At the end of the Programme the Scholars will be able to

- Analyse and judge the validity of rigorous mathematical arguments and carry out research in mathematical problems and formulate complete, concise, and correct mathematical proofs.
- Utilize a variety of teaching techniques and classroom strategies to positively influence student learning and also for one's own development.
- Transcribe mathematical ideas, terminology and notation as a report and oral also make oral presentations.
- Apply domain knowledge, conceptual and practical knowledge of mathematics in various fields and real time situations and execute a research study ethically.
- Conceive employability and professional development through problem solving skills and become a continual learner.

MICROBIOLOGY

B.Sc. Microbiology

At the end of the Programme the Students will be able to

- Demonstrate a rational understanding of the diversity of microorgansisms, structure, functions, their role in the biosphere, bioinformatics and biostatistics.
- Identify the microorganisms, classify them based on their morphological characteristics and the relationship between them and the environment.
- Explain the fundamental concepts, processes, core theories and practices within microbiology, immunology and clinical microbiology.
- Apply the tools, technologies and scientific methods for laboratory and conventional investigations safely and formulate valid conclusions based on the results in the field of microbiology and its associated areas.
- Describe the role of microbes in human, food and diary technology, agriculture, the process of heritable information in microorganisms and forming new genetic combinations through recombinant DNA
- Recognize bio safety measures, intellectual property rights and explore career options in the field of microbiology.

M.Sc. Microbiology

At the end of the Programme the Students will be able to

- Describe the cell structure, functions, their characteristics, cultivation methods, concept of culture, type of culture and microbial techniques.
- Construct the use of microbial knowledge in genetics, genetic engineering, fermentation technology, medical microbiology and waste management.
- Identify the ways microorganisms play an integral role in disease, and microbial and immunological methodologies, are used in disease treatment and prevention.
- Devise and execute safe laboratory experiments following the research ethics and presentation of reports.
- Locate career options in and related field of microbiology either through competitive examinations or entrepreneurial activities.

M.Phil Microbiology

At the end of the Programme the Scholars will be able to

- Recognize and critically use the theoretical understanding of the subject in questioning and plausible explanations.
- Design and implement effective strategies in carrying out a research in microbiology, possible solutions for the benefits of the biosphere.
- Transcribe research reports for the advancement in career and journal publications.
- Utilize the knowledge of teaching learning skills into one's own professional life.
- Locate the use and implementation of modern technologies in research.

NUTRITION AND DIETETICS

B.Sc. Nutrition and Dietetics

At the end of the Programme the Students will be able to

- Recognize the interrelationship between food, nutrition and health and the food choices to make that will optimize the health and prevents diseases.
- Utilize nutrition care process to make decisions to identify nutrition-related problems, and determine and evaluate nutrition interventions.
- Describe the governance of nutrition and dietetics practice, such as the Scope of Nutrition and Dietetics Practice and the Code of Ethics for the Profession of Nutrition and Dietetics; and describe inter-professional relationships in various practice settings.
- Organize the translation of food, nutrition and diet towards promotion of health and nutritional well being of society, bearing social responsibility and ethics.
- Deduce careers opportunities as caring, innovative nutritionists, dietitians and entrepreneurs and meet the complex needs of the evolving health care system.

M.Sc. Nutrition and Dietetics

At the end of the Programme the Students will be able to

- Explain the concepts of Nutrition and Dietetics in enhancing health among the people and diet planning and counseling for general and specific diseases as a dietitian.
- Identify problems associated with nutrition and health and evolve strategies to overcome them within appropriate ethical, legal limits and food safety measures.
- Generate efficient methods for providing information, advice and professional opinion to individuals, groups and communities on nutrition and dieting for healthy living.
- Illustrate the role of microorganisms in creation or contamination of food and preservation of food products using latest advancements.
- Devise employability in various sectors such as food industry, hospitality industry or independent workers as nutritionists.

B.Voc. Programme (Food Processing and Safety)

At the end of the Programme the Students will be able to

- Increases employability of the graduates and meet industry demand for human resources.
- Provide a robust and vibrant eco-system for students with excellent skills in the Food Processing Sector in the country
- Demonstrate an ability to pursue higher education as an independent learner and become entrepreneurs in the relevant discipline.
- Devise strategies to meet community requirements and serve as responsible citizens. Increases the scope for self-employment as small, medium or large scale entrepreneur in food industry

M.Phil. Nutrition and Dietetics

At the end of the Programme the Scholars will be able to

- Integrate knowledge of research principles and methods associated with nutrition and dietetics practice in solving problems in the disciplinary area.
- Utilize the principles of nutrition and dietetics, identifying appropriate literature, execute data collection and interpretation and dissemination of the findings as a project report.
- Apply various teaching and learning techniques for effective teaching in the classroom and obtain career prospects in the specific discipline, qualifying competitive exams and/or self employment.
- Outline the recent trends and advancements in Nutrition and dietetics and examine ways to improve food products for societal wellbeing.
- Develop as responsible citizens with ethics and societal concerns.

PHYSICS

B.Sc. Physics

At the end of the Programme the Students will be able to

- Demonstrate conversance in properties of matter, mechanics, relativity, thermal physics, atomic physics, nuclear physics, general physics and medical physics.
- Create scientific temperament and inquisitiveness and an awareness of the impact of Physics on the environment, society, and development outside the scientific community.
- Summarize interdisciplinary and relationship between the concepts of Physics with Chemistry, and Mathematics representing multiple representation of scientific information.
- Apply advanced tools, equipments and laboratory skills in Physics experiments draw logical conclusions and interpret the results into a research report.
- Adopt physics concepts to solve simple problems in electronic devices and perform jobs in the relevant field.

M.Sc. Physics

At the end of the Programme the Students will be able to

- Describe the advanced concepts of classical Physics, General Physics, Nuclear and Particle Physics, Medical Physics, their corollaries and application of them in natural phenomena.
- Apply problem solving skills, computer programming and numerical simulations to solve problems and appreciate the innate beauty of Physics.
- Develop a spirit of scientific reasoning, undertaking scientific research beneficial for the world and people who live in and propagation of results as a written report.
- Devise leadership strategies and find ways to apply working knowledge of Physics in advancement to higher education and career coupled with desire to be a life-long learner.
- Evaluate the role of Physics in enhancing the life of the people and involve in community building activities.

M.Phil. Physics

At the end of the Programme the Scholars will be able to

- Apply basic computational techniques for modeling physical systems, systematically explore physical phenomena by setting up experiments, collecting and analyzing data, and interpreting their results.
- Develop scientific reasoning and scientific outlook in addressing the problems of the society and evolving solutions on the theoretical foundation of Physics.
- Adopt Mathematical, analytical, simulation tools in carrying out basic, applied and interdisciplinary research and unravel scientific mysteries thorough conscientious efforts.
- Transcribe the results as a scientific report and propagate the scientific ideas through publication.
- Demonstrate an ability to handle the classroom teaching effectively, using teaching and learning skills and find employment through entrepreneurial endeavor and competitive exams.

SOCIAL WORK

M.S.W.

At the end of the Programme the Students will be able to

- Discuss the nature of social work profession, ideals virtues of social work and effectual way of working as individual within groups and families.

- Demonstrate ethical, professional and social demeanor social workers and engage in lifelong learning and personality development.

- Apply knowledge of social systems and human behaviour to promote social change, problem solving in human relationships and the empowerment of people to enhance their well-being.

- Express knowledge of theory, legislation, policy, official inquiry reports and international conventions, to assessment and intervention planning in social work practice.

- Employ social entrepreneurship for sustained living, in changing society by engaging in action projects, research work, networking and Liasoning.

M.Phil. Social Work

At the end of the Programme the Scholars will be able to

- Explain the contemporary issues in social work and the changing trends and global expectation from the social workers.

- Recognize teaching and learning skills adequate for classroom teaching and learning techniques for self improvement in academics.

- Assess the requisite needs of individuals, groups and organizations, carryout a research study and emerge solutions for the welfare of the society following ethics, code of practices and virtues of research.

- Restate the research results in oral and written form and promote the study findings as publications.

- Apply the theories, concepts and knowledge of social issues in enhancing professionalism as an independent worker or through affiliation.

VISUAL COMMUNICATION

B.Sc. Visual Communication

At the end of the Programme the Students will be able to

- Explain the scope of visual communication, its meaning, significance, basics of advertising, graphic design and communication theories with the sense of aesthetics.

- Create various art forms and develop as interactive designers, website developers, motion graphics designers and mobile app designers by way of effective transference of ideas.

- Discover and analyze visual persuasion, photography, graphic design, cultural and ethical issues, visualization of ideas within a specific historical, cultural, and commercial context.

- Utilize professional equipment and techniques to capture images and video adhering to industry standards, analysis of visuals, adding visual effects, production of audios and videos abiding to the media laws and ethics.

- Devise employment projection as media personnel, photographer, advertising agencies and any other position relevant to the field and/or pursue higher education.

B.Voc. Programme (Media Production)

At the end of the Programme the Students will be able to

- Explain the scope of Media and Entertainment, its meaning, significance, basics of advertising, graphic design, visual communication, media production with the sense of aesthetics.

- Create various art forms and develop as interactive designers, social media managers, motion graphics designers and managing events by way of effective transference of ideas.

- Discover and analyze visual persuasion, photography, graphic design, cultural and ethical issues, visualization of ideas within a specific historical, cultural, and commercial context.

- Utilize professional equipment and techniques to capture images and video adhering to industry standards, analysis of visuals, adding visual effects, content creating for print, electronic, new media content by abiding to the media laws and ethics.

- Devise employment projection as media personnel, photographer, sound designer, social media manager, digital marketing manager, advertising agencies and any other position relevant to the field and/or pursue higher education.

ZOOLOGY

B.Sc. Zoology

At the end of the Programme the Students will be able to

- Describe the basic concepts of animal science, biology of invertebrates and chordates, cell biology, molecular biology, and physiological features of animals.
- Correlate the complex interactions among the organisms in the environment, the microbes, animals and plants, explicates their relationship with the environment and enhance their employability by entrepreneurial skills and competitive exams.
- Perform laboratory experiments using observational and computational techniques appropriately for the specialized area in biology, safely and ethically.
- Apply the ideas and concepts of Zoology in various fields such as agriculture, medicine, apiculture, aquaculture for balancing ecosystems and sustainability of the environment.
- Integrate information on various sources, formulate arguments, claims the results scientifically and communicate the scientific information as research reports.

M.Sc. Zoology

At the end of the Programme the Students will be able to

- Explain recent advances in developmental Biology, genetics, cell and molecular biology, microbiology and applied entomology.
- Adopt eco-friendly techniques to address biodiversity and conservation of the environment thereby solving real time problems with ethical consideration.
- Apply the theories and interdisciplinary approaches to access literature on the identified problem, formulate hypothesis and employ statistical techniques and present the results as scientific description in oral and written form.
- Examine the use of fundamental zoological sciences in other related disciplines such as Biophysics, Nanotechnology, Bioinstrumentation, Bioinformatics and Farm management to structure growing, population, pollution and other environmental issues.
- Develop scientific personality, a pursuit for continuous learning and capture employability as independent worker or as enriched researchers and teachers.

M.Phil. Zoology

At the end of the Programme the Scholars will be able to

- Express the advances in Biological research, latest equipments, technical tools used in zoological experiments and handling of animals as model organisms.
- Identify, analyze and propose newer solutions to problems in the biological systems based on the legislation of animal research and ethics.
- Adopt teaching and learning skills in the classroom for efficient teaching and in their own life for professional development and to excel in academics.
- Extend the knowledge of zoological sciences for career advancement on entrepreneurship, scientific undertaking or qualify competitive exams.
- Transcribe the scientific information, execute the findings orally in professional settings and grow as socially responsible citizens.

<h1 style="text-align:center">CHOICE BASED CREDIT SYSTEM (CBCS)</h1>

<h1 style="text-align:center">Regulations for all the Programmes</h1>

<p style="text-align:center">Approved by the 25th Academic council meeting held on 12.10.2019</p>

<p style="text-align:center">(For candidates admitted from the academic year 2020-2021 onwards)</p>

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 with Commerce and Accountancy.
7.	B.Com.	A pass in 10+2 with Commerce and Accountancy.

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 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 subjects
10.	B.Sc. Microbiology	A Pass in 10+2 with Biology as one of the core subjects
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 as one of the core subjects

15.	B.Voc Food Processing and Safety	A Pass in 10+2 (with no age limit)
16.	B.Voc. Apparel and Fashion Design	A Pass in 10+2 (with no age limit)
17.	B.Voc. Media Production	A Pass in 10+2 (with no age limit)
18.	B.Voc. Tourism and Hospitality Management	A Pass in 10+2 (with no age limit)

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.	Passed BCA / Bachelor Degree in Computer Science Engineering or equivalent degree or passed B.Sc./B.Com./B.A. with Mathematics at 10+2 level or at Graduation level (with Additional bridge courses as per the norms of the concerned University), obtained atleast 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying examination.
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 subjects (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	Candidates must have completed B.Sc Fashion Technology / Costume Designing / B.Sc Apparel and Fashion Technology/ B.Sc Textile Science/ B.Sc. Home Science
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; 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. OBE - CBCS System

OBE Curriculum has been followed for all UG, PG and M.Phil Programmes from the academic year 2020-2021.

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

An 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 Arabic, French, Hindi, Tamil, Urdu), English Language Courses (LE), Core Courses (CC), Allied Courses (AC), Discipline Specific Elective Courses (DE), Generic Elective Courses (GE), Skill Enhancement Courses (SE) and

Ability Enhancement Courses (AE)

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. Allied Courses cover two disciplines that are generally related to the main subject of the programme. There shall be 16 Core Courses, 8 Allied Courses and 3 Discipline Specific Elective under Part III. There are 2 Generic Electives and 3 Ability Enhancement Courses, viz. Value Evaluation, Environmental Studies and Gender Studies. Besides, 3 Skill Enhancement Courses are to be offered under Part IV. Any student can earn Extra Credits by completing a course in online during the period of study. To facilitate Advanced learners, Courses with Extra Credit are offered in 5th and 6th semesters. All the Extra Credit Courses are in self study mode and are optional.

Under Graduate Programmes

The following are the credits for BA, B.Sc, B.Com, BCA, and BBA programmes with effect from 2020-2021.

(Approved by the 26th Academic council meeting held on 18.06.2020

S. No.	Courses	No. of Courses	Total Hrs during the Program	No. of Credits	Total Credits	Marks.
1.	**Part I – Language (Arabic/ French / Hindi/ Tamil / Urdu) (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 – Discipline Specific Electives**	3	14@5 /4 Hours	4	12	300
6.	**Part IV**					
	Value Education (I Semester)	1	2 Hours	2	2	100
	Environmental Studies (III Semester)	1	2 Hours	2	2	100
	Generic Electives (including for other language students. Basic Tamil/ Advanced Tamil (III & IV Semesters))	2	4@2 Hours	2	4	200
	Skill Enhancement Courses (II & V Semesters)	3	6 @ 2 Hours	2	6	300
	Gender Studies – VI Semester	1	1 Hour	1	1	100
7.	**Part-V Extension Activity (IV Semester)**	-	-	1	1	-
8.	**Courses with Extra Credit for Advanced Learners (V& VI Semesters)**	2*	-	4*	8*	200*
	Online Course with Extra Credit for all (During Programme Period)	1*	-	1*	1*	-
	Total	**43**		**-**	**140**	**4300**

* Not Considered for Grand Total and CGPA

PART-I: Language Course (LC)

The College offers Arabic, French, Hindi, Tamil and Urdu as Part-I language. An undergraduate student must select any one of them as Part-I language. He/She 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 (LE)

All the UG students shall undergo these Courses 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: Core Courses (CC)

A course, which should compulsorily be studied by a student as a core requirement is termed as a Core course.

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

PART III: Allied Courses (AC)

In addition to Core Courses, an undergraduate student must study allied courses which may help to understand the Core Courses in a better way. The students will study 8 allied courses carry 21 total credits for 800 marks.

Elective Course:

Generally a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/ subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the student's proficiency/skill is called an Elective Course.

PART III: Discipline Specific Elective Courses (DE)

Elective courses may be offered in main discipline/subject of study is referred to as Discipline Specific Elective.

There are 3 discipline specific elective courses each of 4 credits, totaling 12 credits with 300 marks.

PART IV: Generic Elective Courses (GE)

An elective course chosen generally from an unrelated discipline/subject, with an intention to seek exposure is called a Generic Elective.

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

In case of languages, the students who study Arabic, French, Hindi, Tamil and Urdu should study two courses on Basic Tamil during Semester III and Semester IV. 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 Generic Electives.

PART IV: Skill Enhancement Courses (SE):

The Skill Enhancement courses are skill-based and are aimed at providing hands-on-training, competencies, skills, etc. These courses may be chosen from a pool of courses designed to provide skill-based knowledge.

Three Courses are offered with 2 credits each.

PART IV: Ability Enhancement Courses (AE):

The Ability Enhancement (AE) Courses are based upon the content that leads to Knowledge enhancement, namely, Value Education, Environmental Science and Gender Studies. These are mandatory for all disciplines.

They include the Value Education and Environmental Studies with 2 Credits each and there is a course on Gender Studies with one credit.

PART V : Extension Activities (EA)

a) **The Extension Activities include activities** of the NSS, NCC, RRC, Youth Red Cross, Fine Arts, Leo Club, Rotaract Club, Citizen Consumer Club, Anti Dowry Association, Helping Hearts Association, Gender Club, Student Exnora, Thanneer Sutru Choolal Manavar Mandram, Drug Abolishers Association and Sports. All students have to involve themselves in atleast one of the extension services for the first four semesters. This will carry 1 credit during IV semester.

Grades will be awarded on the basis of participation, performance and behaviour. One of the Grades (A/B/C/D) shall be entered in the mark statement during semester IV as described below:

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

b) **JAMCROP - Jamal Mohamed College Community Reach Out Programme (20UCN2JC)**

Under this programme all the first year UG students have to undergo JAMCROP (in Semester I or Semester II of study period) compulsorily in collaboration with Unnat Bharat Abhiyan scheme of MHRD, Govt. of India functioning in our College. A minimum of 10 hours has to be spent in the allotted/ identified destination.

Courses with Extra Credit (EC) for Advanced Learners:

Courses with extra credit for advanced learners are introduced to enrich their knowledge. These are offered in self study mode and are optional. For UG, two Courses with extra credits during Semester V and Semester VI are offered.

Eligibility for Courses with Extra Credit for Advanced Learners:

Science Programme:

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.

Arts Programme:

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.

Note:

1. There should be no standing arrears for writing Extra Credit Courses (ie. Students should have passed all papers at the time of filling up of examination application form)

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

Courses with Extra Credit (EC) for all the Learners:

In order to motivate all students, Extra credit courses are offered to gain more credits. According to the guidelines of UGC, the students are encouraged to avail this option of enriching by enrolling themselves in the Massive Open Online Courses (MOOC) **in any subject of their choice** provided by various portals such as SWAYAM, NPTEL etc. This can be availed by all students and there is no minimum eligibility to take up this course by **UG students during their period of study (3 years).**

VALUE ADDED COURSES FOR UG STUDENTS

Two value added courses are being offered by every department for UG students one in Semester III and another in Semester V from the academic year 2019-20. The course duration will be 30 hours. At the end of the course, an internal examination with two hours duration will be conducted by all departments. The question papers for the said examination can be set internally for a maximum of 100 marks. The question paper pattern can be decided by the respective Chairman of the Board of Studies. The valued answer scripts can be kept in the department and the grades may be awarded as per the chart given below. A common course completion certificate will be presented to all candidates who undergo the course.

Range of Marks	Corresponding Grade
90 and above	O
70 to 89	A
50 to 69	B
40 to 49	C
Below 40	No Grade

VALUE ADDED COURSES FOR PG STUDENTS

One value added course is being offered by every department for all PG students during Semester III from the academic year 2021-2022. The course duration will be 30 hours. At the end of the course, an internal examination with two hours duration will be conducted by all departments. The question papers for the said examination can be set internally for a maximum of 100 marks. The question paper pattern can be decided by the respective Chairman of the Board of Studies. The valued answer scripts shall be kept in the department and the grade may be awarded as per the chart given below. A common course completion certificate will be presented to all candidates who undergo course.

Range of Marks	Corresponding Grade
90 an above	O
80-89	A
60-79	B
50-59	C
Below 50	No Grade

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 2020-21.

S. No.	Courses	Total Hours during the Programme	No. of Credits	Total Credits	Marks
1.	Core Courses (15 courses)	90 @ 6 Hours	5/4	69	1500
2.	Discipline Specific Elective Courses (4 courses)	24 @ 6 Hours	4	16	400
3.	Project**	6 Hours	4	4	100
4.	Online Course (Compulsory)	-	1	1	-
	Online Courses with Extra Credit for Advanced Learners (III Semester)	-	1*	1*	-
	Courses with Extra Credit Career Exams for Advanced Learners (IV Semester)	-	5*	5*	100*
	Total		**-**	**90**	**2000**

The following are the credits for **M.Sc Biotechnology, Fashion Technology & Costume Designing, Microbiology and M.Sc Nutrition & Dietetics**. with effect from 2020-21.

S. No.	Courses	Total Hours during the Programme	No. of Credits	Total Credits	Marks
1.	Core Courses (15 courses)	90 @ 6 Hours	5/4	69	1500
2.	Discipline Specific Elective Courses (3 courses)	18 @ 6 Hours	4	12	300
3.	Project**	12 Hours	8	8	200
4.	Online Course (Compulsory)	-	1	1	-
	Online Courses with Extra Credit for Advanced Learners (III Semester)	-	1*	1*	-
	Courses with Extra Credit Career Exams for Advanced Learners (IV Semester)	-	5*	5*	100*
	Total		**-**	**90**	**2000**

The following are the credits for **M.Sc. Computer Science** and **M.Sc., Information Technology** with effect from 2020-21.

S. No.	Courses	Total Hours during the Programme	No. of Credits	Total Credits	Marks
1.	Core Courses (14 courses)	84 @ 6 Hours	5/4	64	1400
2.	Discipline Specific Elective Courses (3 courses)	18 @ 6 Hours	4	12	300
3.	Project**	18 Hours	13	13	300
4.	Online Course (Compulsory)	-	1	1	-
	Online Courses with Extra Credit for Advanced Learners (III Semester)	-	1*	1*	-
	Courses with Extra Credit Career Exams for Advanced Learners (IV Semester)	-	5*	5*	100*
	Total		**-**	**90**	**2000**

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

MBA Programme with effect from 2020-21

S. No.	Courses	Total Hrs during the Programme	No. of credits	Total credits	Marks
1	Core Courses (18 courses)	84 @ 5/4 Hours	5/4/2	73	1800
2	Discipline Specific Elective Courses (8 courses)	36 @ 5/4 Hours	4	32	800
3	Project**	15 Weeks	4	4	200
4	Summer Internship	-	2	2	100
5	Comprehensive Viva Voce	-	2	8	400
6	Online Course (Compulsory)	-	1	1	-
	Online Courses with Extra Credit for Advanced Learners (III Semester)	-	1*	1*	-
	Courses with Extra Credit Career Exams for Advanced Learners (IV Semester)	-	5*	5*	100*
	Total		-	120	3100

MCA Programme with effect from 2020-21

S. No.	Courses	Total Hrs during the Programme	No. of credits	Total credits	Marks
1	Core Courses (19 courses)	76 @ 4 Hours	4	57	1900
2	Discipline Specific Elective Courses (5 courses)	20 @ 4 Hours	4	20	500
3	Skill Enhancement Courses (3 courses)	6 @ 2 Hours	1	3	300
4	Project**	18 Hours / Weeks	9	9	100
5	Online Course (Compulsory)	-	1	1	-
	Online Courses with Extra Credit for Advanced Learners (II Semester)	-	2*	2*	-
	Online Courses with Extra Credit for Advanced Learners (2 courses) (III Semester & IV Semester)	-	1*	2*	-
	Total		-	90	2800

Mandatory Bridge Courses for Non-Computer Science Stream Students - 30 Credits

1	Addl. Core Courses (6 courses)	-	5	30	600

The following are the credits for **M.S.W.** with effect from 2020-21.

S. No	Courses	Total Hours during the Programme	No. of Credits	Total Credits	Marks
1	Core Courses (14 Courses)	84@ 6 Hours	5/4	63	1400
2	Elective Courses (5 Courses)	30@ 6 Hours	5/4	23	500
3	Project **	6 @ 6 Hours	3	3	100
4	Online Course (Compulsory)	-	1	1	-
	Online Courses with Extra Credit for Advanced Learners (III Semester)	-	1*	1*	-
	Courses with Extra Credit Career Exams for Advanced Learners (IV Semester)	-	5*	5*	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

Online course (Compulsory) by MOOC

All PG students must complete one Online course offered through MOOC, during their period of study o**n any subject of their choice** (online course under Extra credit cannot be included in this category). The **defaulters can attend campus e-learning course.** The content of such course can be framed by the respective Chairman of Board of Studies comprising of the lessons / units/ topics of all semesters for designing 100 multiple choice questions covering all units of the programme. An Online examination will be conducted with a prescribed fee. **Only after the declaration of the results of all semesters, a student can do the campus e-learning course. The students who fail /fail to complete the online course will loose the opportunity of getting their degrees** in the stipulated period.

Extension Activities:

JAMCROP - Jamal Mohamed College Community Reach Out Programme (20PCN2JC)

Under this programme all the first year PG students have to undergo JAMCROP (in Semester I or Semester II of study period) compulsorily in collaboration with Unnat Bharat Abhiyan scheme of MHRD, Govt. of India functioning in our College. A minimum of 10 hours has to be spent in the allotted/ identified destination.

Courses with Extra Credit (EC) for Advanced Learners:

Courses with extra credit for advanced learners are introduced to enrich their knowledge. These courses are offered in self study mode and are optional. For PG, two courses with extra credit during Semester III and Semester IV are included.

Eligibility for Courses with Extra Credit (EC) for Advanced Learners:

Science Programme:

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 for PG.

Arts Programme:

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 for PG.

Note:

1. There should be no standing arrears for writing Extra Credit Courses (ie. Students should have passed all papers at the time of filling up the examination application form)

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

Internship:

Guidelines for carrying out internship:

- A student **must spend a minimum of 5 Days** in an Institute/ organization/ Industry / factory and should obtain a certificate from the authorities of the concerned organization.

- **A report of the visit of the internship must be submitted to the Department** as the case may be in the prescribed format. Marks will be awarded for Internship as per the allotment / Visit.

Master of Philosophy Programme (M.Phil.) with effect from 2020-21

SEM.	COURSE	COURSE TITLE	HRS / WEEK	CREDIT	CIA Mark	ESE MARK	TOTAL MARK
I	CORE I	Research Methodology	4*	4	25	75	100
	CORE II	Related to the Research work	4*	4	25	75	100
	CORE III	Teaching and Learning skills(Common Paper)	4*	4	25	75	100
	CORE IV (Elective)	Paper on Topic of Research (The syllabus will be prepared by the Guide and the examination will be conducted by the COE)	4*	4	25	75	100
	*One Hour Library for each course						
		TOTAL	16	16	100	300	400
II		Dissertation##	-	8	-	-	200
		GRAND TOTAL	-	**24**	-	-	**600**

Evaluation of the Dissertation and an Open Viva Voce shall be conducted 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 2020-21

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

6. Examinations

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

ii. All the students must submit 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, in consultation with staff members of the department concerned, **shall assign the Guides in the beginning of the 3rd Semester** 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 of our College and one copy should be kept in the Department Library. Each candidate is required to appear for Viva-Voce Examination for the Project work.

7. Condonation (w.e.f 2016-2017)

All 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 End Semester Examinations. **The attendance rules and regulations are being followed as per the University norms.**

8. Question paper pattern and Distribution of marks: 2020-21 onwards

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

a) Part-I, Part-II and Part-III of UG Courses & for 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
                                                                   _____

Practical Courses-100 Marks (CIA-20 Marks + Record-5 Marks + Evaluation -75 Marks)

b) Part-IV of UG Courses- End Semester Examinations for Generic Elective Courses, Skill Enhancement Courses (except Soft Skill Development) and Extra credit courses, there is no CIA marks and End Semester Examinations will be conducted for 100 marks.

The following Question paper pattern may be followed:

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 Questions

        100 x 1 =100 Marks

                                      (or)

Pattern-3: Practical Courses

        Practical Courses-100 Marks (Record-20 Marks + Evaluation -80 Marks)

Pattern-4: Skill Enhancement Course- I: Soft Skills Development (Code No. 20UCN2SE1)

        In the end semester examination, a maximum of 100 marks is allotted for Workbook and Viva voce.

Description	Maximum marks
Workbook (Each unit carries 10 marks)	50
Resume Preparation	10
Self Introduction	20
Video Presentation-20 Marks (or) Oral Presentation-10 Marks	
Mock Interview	
Aptitude	04
Physical appearance	04
Communication Skills	06
Interview questions based on the resume & workbook	06

The subject teacher and one more examiner, either HOD or a staff member of our College (nominated/identified by the HOD) will conduct the examination for a maximum of 30 candidates per session.

Pattern-5: Ability Enhancement Courses-I : Value Education (20UCN1AE1 / 20BCN1AE)

(Approved by the 26th Academic council meeting held on 18.06.2020)

      Course Duration   : 15 hours

      Evaluation System   : Activity based

      Hours of Teaching   : 5 hours

      Hours for Activity   : 10 hours

CIA Components:

1. Documentary (or) Poster Presentation (or) Elocution - 25 Marks

2. Quiz (or) MCQ Test – 25 Marks

3. Album Making (or) Case study on a topic (or) Field Visit – 25 Marks

4. Essay Writing (or) Assignment (Minimum 10 pages) – 25 Marks

There will be no End Semester Examination for this course. However the subject teacher will evaluate the above mentioned components based on the performance of the students and submit the marks out of 100 (in the format prescribed by the COE) with the approval of the concerned Head of the Department to the COE along with CIA marks of other courses.

Pattern-5: Ability Enhancement Courses-II : Environmental Studies (20UCN3AE2 / 20BCN3AE2)

(Approved by the 26th Academic council meeting held on 18.06.2020)

      Course Duration   : 15 hours

      Evaluation System   : Activity based

      Hours of Teaching   : 5 hours

      Hours for Activity   : 10 hours

CIA Components:

1. Documentary (or) Poster Presentation (or) Elocution - 25 Marks

2. Quiz (or) MCQ Test – 25 Marks

3. Album Making (or) Case study on a topic (or) Field Visit – 25 Marks

4. Essay Writing (or) Assignment (Minimum 10 pages) – 25 Marks

There will be no End Semester Examination for this course. However the subject teacher will evaluate the above mentioned components based on the performance of the students and submit the marks out of 100 (in the format prescribed by the COE) with the approval of the concerned Head of the Department to the COE along with CIA marks of other courses.

Pattern-6: Ability Enhancement Courses-III : Gender Studies **(17UCN6GS / 18BCN4GS and 20UCN6AE3)**

(Approved by the 26ᵗʰ Academic council meeting held on 18.06.2020)

Syllabus	: Existing Syllabus with Course Code **17UCN6GS / 18BCN4GS**
Course Duration	: 15 hours
Evaluation System	: Activity based
Hours of Teaching	: 5 hours
Hours for Activity	: 10 hours

CIA Components:

1. Documentary (or) Poster Presentation (or) Elocution - 25 Marks

2. Quiz (or) MCQ Test – 25 Marks

3. Album Making (or) Case study on a topic (or) Field Visit – 25 Marks

4. Essay Writing (or) Assignment (Minimum 10 pages) – 25 Marks

There will be no End Semester Examination for this course. However the subject teacher will evaluate the above mentioned components based on the performance of the students and submit the marks out of 100 (in the format to be supplied by the COE) with the approval of the concerned Head of the Department to the COE along with CIA marks of other courses.

COURSES WITH EXTRA CREDITS

Pattern: Multiple Choice Questions

100 x 1 =100 Marks

Awarding of Grades for Extension Activities (JAMCROP)

a) The evidences in the mode of photographs or certificates highlighting the activities can be handed over to the Tutors concerned for the award of Grade

A/ B/ C/ D. A consolidated report of the JAMCROP activities undertaken by students of respective departments, must be submitted by the Tutor to the Coordinator of JAMCROP programmes and COE at the end of Semester II only.

b) Under Lab to Land scheme (of NAAC) every HOD/ MID of the department has to depute atleast 15 students comprising of I UG and I PG classes in the department to any village of their choice with a minimum of 10 hours for carrying out Awareness programme / Literacy Programme/ Health –related activities and any other programmes of societal concern in order to contribute to the development of a village with an eye on Social responsibility. This fulfilled activity can be counted upon for JAMCROP.

ii) PG Diploma Programme, COP and other Certificate Courses.

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

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

Part A: 10 Questions x 2 Marks = 20 Marks

(Two Questions from each unit)

Part B: 5 Questions x 5 Marks = 25 Marks

(Internal Choice and one set of questions from each unit)

Part C: 3 Questions x 10 Marks = 30 Marks

(Answer any three out of 5 questions and one question from each unit)

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 (CIA) are:

(Approved by the 26th Academic council meeting held on 18.06.2020)

UG (Theory) – 25 Marks (7.5 + 7.5 + 2 + 2 + 3+3) or – 20 Marks (5 + 5 + 2 + 2 + 3+3)	
Test – I (3 hours)	**Test – II (3 hours)**
Two and half Units (50% of syllabus)	Remaining Two and half Units (50% of syllabus)
7.5 Marks or 5 Marks CIA Test-I will be conducted for 3 hours with 75 Marks and Converted to 7.5 or 5 Marks	7.5 Marks or 5 Marks CIA Test-II will be conducted for 3 hours with 75 Marks and Converted to 7.5 or 5 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 : 2 Marks Attendance marks should be calculated from CIA Test –I 50 % to 74% - 1 Mark 75 % to 100% - 2 Marks
Assignment/ Seminar/ Paper presentation/ Paper Publication/ Class Quiz/ MCQ based test/ Debate/ Composition/ Media Appreciation, etc. : 6 Marks (3+3 marks)	

UG (Practical) & PG (Practical) – 20 Marks (5 + 5 + 2 + 2 + 3 + 3)	
Test – I (3 hours)	**Test – II (3 hours)**
50% of the list of practicals	Remaining 50% of the list of practicals
5 Marks CIA Test-I will be conducted for 3 hours with 80 Marks and Converted to 5	5 Marks CIA Test-II will be conducted for 3 hours with 80 Marks and Converted to 5
Attendance : 2 Marks Attendance marks should be calculated up to CIA Test –I 50 % to 74% - 1 Mark 75 % to 100% - 2 Marks	Attendance : 2 Marks Attendance marks should be calculated from CIA Test –I 50 % to 74% - 1 Mark 75 % to 100% - 2 Marks
Observations / Performance: 3 Marks	Observations / Performance: 3 Marks

PG (Theory) – 25 Marks (7.5 + 7.5 + 2 + 2 + 2 + 2+2) – 20 Marks (5 + 5 + 2 + 2 + 2 + 2+2)	
Test – I (3 hours)	**Test – II (3 hours)**
Two and half Units (50%)	Remaining Two and half Units (50%)
7.5 Marks or 5 Marks CIA Test-I will be conducted for 3 hours with 75 Marks and Converted to 7.5 or 5 Marks	7.5 Marks or 5 Marks CIA Test-II will be conducted for 3 hours with 75 Marks and Converted to 7.5 or 5 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 : 2 Marks Attendance marks should be calculated from CIA Test –I 50 % to 74% - 1 Mark 75 % to 100% - 2 Marks
Assignment/ Seminar/ Paper presentation/ Paper Publication/ Class Quiz/ MCQ based test/ Debate/ Composition/ Media Appreciation, etc. : 4 Marks (2+2 marks)	
For Library referencing 2 Marks will be awarded **The number of hours allotted for Library Referencing would be a minimum of 10 hours per semester. The marks scored out of 2 will be given to all the theory courses of the semester.** **Library Referencing - 8 hours- 1 Mark** **Library Referencing - 10 hours- 2 Marks**	

Note : In case, total marks of CIA is 10, it will be calculated for 20 and converted to 10

The Components of Continuous Internal Assessment (25 Marks) for M.Phil Programme

Two tests Each CIA Test will be conducted for 3 hours with 75 Marks and Converted to 5	10 Marks
Conference / Seminar / Workshop / Training Programme- For Paper Presentation (in any number) : Max. 5 Marks or Only Participation (in any number) : Max. 2 Marks	05 Marks
Seminar	05 Marks
Assignment	05 Marks
Total	**25 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 Value Education, Environmental Studies, Gender Studies, Skill Enhancement Courses and Generic Electives. For extra curricular activities of Part V, grades will be awarded. Marks obtained in Part III Allied Courses, Core Courses, Discipline Specific Elective Courses and Project work will be taken into consideration for awarding class in the overall performance of the student with grading system.

10. Passing Minimum

For UG, COP, ADCAA and Aalim courses the passing minimum for CIA and End Semester Examination (ESE) shall be 40%. For PG, M.Phil and PG Diploma courses, the passing minimum for CIA and End Semester Examination shall be 50%.

For all programmes the ratio between CIA and End Semester Examination will be 25:75 for Theory and 20:80 for Practical Courses.

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 and M.Phil 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)

- Passing minimum for PG, PG Diploma and M.Phil (Theory & Practical) will be 50% of the marks each in CIA and ESE.

- Passing minimum for PG Project work will be 50% each for evaluation and Viva-Voce.

- Passing minimum for M.Phil dissertation work will be 55% each for evaluation and Viva-Voce.

- A candidate who gets less than the passing minimum mark in the evaluation of project /dissertation, must resubmit the project /dissertation report. Such candidates need to appear again for the Viva-voce on the resubmitted project /dissertation.

11. Improvement of CIA Marks for all programmes (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 **should improve their CIA** in the immediate subsequent semester, by 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. 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 paper / per semester. Marks secured for the attendance in the particular semester shall be considered for CIA component.

iii. In case of PG students admitted from 2015-16 to 2019-20, shall refer the Hand Book on Autonomy-Volume VI for regulation.

12. Improvement of Marks in Passed Papers

There is a provision for students to appear for the **passed papers with low marks,** such students can **appear for the End Semester Examinations (ie. External only)** with the **immediate subsequent Semester** Examinations only, provided the student is without arrears till that semester (ie. Should have passed all papers at the time of filling up of examination application form). 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.**

1. Revaluation

There is a provision for re-valuation, re-totalling and transparency (Photocopy) of answer scripts for UG, PG and M.Phil.

All the students, including Mal-Practice cases, Re-do cases and also Out-gone students, are permitted to apply for Revaluation, Re-totalling and Transparency for any number of courses.

2. Instant Examination

All the outgoing / out-gone students, including Mal-Practice cases of previous semesters and also Re-do cases are permitted to apply for Instant Examination in the Even semesters to a maximum of two course (courses may be from first to final semester). All the outgone students including

Mal-Practice cases of previous semesters and Re-do cases are also permitted to apply for Instant Examination in the Odd semester to a maximum of one course (courses may be from first to final semester).

A sum of Rs.900/- per paper has to be paid for writing Instant Examination. The Instant Examination will be normally conducted **within 15 days of declaration of results of the final semester.**

15. Ranking: End Semester Examination

1. Rank Certificates will be issued for every programme by the College for the toppers.

2. The Bharathidasan University conducts University Rank Examination (URE) for UG and PG for the toppers in every Programme. 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) from each programme 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 Programme 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

When a candidate completes his/ her UG/ PG programme within the duration of the Programme as per the University norms, grades will be awarded. When a student completes his / her UG/ PG programme after the stipulated period of the programme, 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 ESE 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 for UG, Certificate, and Diploma Programmes

Marks Range	Grade Point	CGPA	Corresponding Grade	Classification of Final Results
90 and above	10	9.00 and above	O	Outstanding
80 and above but below 90	9	8.00 to 8.99	A+	Excellent
70 and above but below 80	8	7.00 to 7.99	A	Very Good
60 and above but below 70	7	6.00 to 6.99	B+	Good
50 and above but below 60	6	5.00 to 5.99	B	Above Average
40 and above but below 50	5	4.00 to 4.99	C	Average
Below 40	0	Below 4.00	R.A.	Re-Appearance

Grading of the Courses for PG, PG Diploma and M.Phil. Programmes

Marks Range	Grade Point	CGPA	Corresponding Grade	Classification of Final Results
90 and above	10	9.00 and above	O	Outstanding
80 and above but below 90	9	8.00 to 8.99	A+	Excellent
70 and above but below 80	8	7.00 to 7.99	A	Very Good
60 and above but below 70	7	6.00 to 6.99	B+	Good
50 and above but below 60	6	5.00 to 5.99	B	Above Average
Below 50	0	Below 5.00	R.A.	Re-Appearance

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 programme period.

- The students of Advanced Diploma, whose range of mark secured is 90 and above will be awarded with a grade Distinction (D) only instead of Outstanding (O) as Maximum grade category. They can not be considered for any outstanding mode of classification.

Time ceiling for completion of Degree (For the Candidates admitted before 2018-2019**)**

The students who were admitted before the academic year 2018-2019, including Readmission / Redo cases, are allowed to complete their courses within a maximum of Five years, i.e., before 30.06.2023 in accordance with the University Communication (CCCD / BOS / C2 2018 dated 21.06.2018).

a) If a student fails to complete the programme because of **Reappear Category (Arrears),** then the student can complete the programme before 30.06.2023. 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 the student concerned. The already secured CIA marks of the candidates shall be considered. If the students who 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, due to shortage of attendance, the student has to Redo the entire semester before 30.06.2023. 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 the 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 in 2018-19 or after, 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 will be spelt out by the relevant statutory body.

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, they will be permitted to appear only two chances to complete their respective degree course.

M.Phil. REGULATIONS AS PER BHARATHIDASAN UNIVERSITY NORMS

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. 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.

❖ **End Semester Examination (ESE)**

- Each course shall have 75 marks for the End Semester Examination

- Question papers for the end semester examination of Courses – I, II & III shall be set externally and valued by both external and internal examiners.

- The guide paper (Course IV) shall be set and valued by the respective guide.

- The candidate shall be declared pass in the Courses I, II, III and IV, if he/she secures a minimum of 50% marks, each in CIA and ESE.

- The candidate is eligible to submit the dissertation only on completion of all theory papers successfully.

Improvement in CIA marks for M.Phil programmes for the students admitted from the Academic Year 2019-2020 (Students admitted during and prior to 2018-19 shall refer Hand Book on Autonomy –Volume VI for old regulations)

i   Students of M.Phil programmes who are unable to write the CIA -I with valid reason should get prior permission from the Tutor and HOD concerned and can write the CIA -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 -I. Applications submitted after the deadline will not be considered for the retest. There is no retest for CIA - II. No CIA improvement will be permitted for those who secured 12 out of 25 or more marks.

ii. Students who have failed in the CIA (secured less than 12 marks) are permitted to improve their CIA, on paying a fee of Rs. 500 per paper within 20 days of publication of End Semester Examinations results. Marks secured for the attendance in the particular semester shall be considered for CIA component.

Note: M.Phil. Scholars who complete the Course in more than one attempt / exceeding the stipulated programme period, will be awarded Above average with B Grade.

DISSERTATION

- Candidates shall submit three copies of dissertation (two copies to the College and one copy to the guide) not earlier than 5 months from the date of commencement of the second semester in the case of Full-time programme and not earlier than 10 months from the date of start of the second year, in the case of Part-Time programme. The minimum and maximum page limit shall be from 75 to 150 pages respectively. The dissertation may be printed on both sides of a paper and hard bound of the same is not necessary.

- 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 3 months in the first instance with a penalty of **Rs.1500/-** and another 3 months of second extension of time with penalty fees of **Rs.3,000/-**

- 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.

- An **open Viva-Voce** shall be conducted by both the external examiner and the supervisor and shall be attended by members of Department Research Committee, faculty members of the departments, other research scholars and other interested experts / researchers with a minimum of 30 members.

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 examination more than twice. Resubmission of a dissertation shall be done with penalty fee, within 6 months from the first of the month which follows the month in which the result of the first attempt is announced. The permitted attempts of Part-I and Part-II Examinations shall be completed within a maximum period of 24 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 vivavoce more than twice. Resubmission of a dissertation shall be done with penalty fee, within 6 months from the first of the month which follows the month in which the result of the first attempt is announced. The permitted attempts of Part-I and Part-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.

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 fees prescribed for Second Semester / year.

- **The Re-Registration candidates are required to submit the dissertation not earlier than six months and not later than 1 year after the 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 in the university website framed from time to time.

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 **20U** # @@ ^^ X / 20B** # @@ ^^ X**

20	refers to the year of revision
U	refers to Under Graduate
B	refers to Bachelor
**	refers to Codes for Department / CN
CN	refers to Common Paper
#	refers to Semester 1 /2 / 3/ 4 / 5 /6
@@	refers to LC/ LE/ CC/ AC/ DE/ GE/ SE/ AE / EA/ EC
^^	refers to Course number
X	refers to P/ A/ B
P	Practical
LC	refers to Language Course (Part I)
LA	refers to Language Arabic (Part I)
LF	refers to Language French (Part I)
LH	refers to Language Hindi (Part I)
LT	refers to Language Tamil (Part I)
LU	refers to Language Urdu (Part I)
LE	refers to English (Part II)
CC	refers to Core Course (Part III)
AC	refers to Allied Course (Part III)
DE	refers to Discipline Specific Elective Course (Part III)
GE	refers to Generic Elective Course (Part IV)
SE	refers to Skill Enhancement Course (Part IV)
AE	refers to Ability Enhancement Course (Part IV)
EA	refers to Extension Activities (Part V)
EC	refers to Extra Credit Course
20 U** 1AC1P	refers to Practical Papers
20 U** AECA	refers to Extra Credit Course for all
Illustration:	The Code for PG Course shall be **20P** # @@ ^^ X**
P	refers to Post Graduate
PW	refers to Project Work
20PCNOC	refers to Online Course (Mandatory)
OC	refers to Online Course
Illustration:	The Code for M.Phil. Course shall be **20MP** # @@ ^^ X**
MP	refers to Master of Philosophy
PD	refers to Project Dissertation

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

S.No.	COURSE	Department 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 (Part II)	LE
19.	Language Arabic (Part I)	LA
20.	Language Hindi (Part I)	LH
21.	Language French (Part I)	LF
22.	Language Urdu (Part I)	LU
23.	Language Tamil (Part I)	LT
24.	Master of Business Administration	MBA
25.	Management Studies (M.Phil.)	MS
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
37.	B.Voc. Food Processing and Safety	FP
38.	B.Voc. Apparel and Fashion Design	AF
39.	B.Voc. Media Production	MP
40.	B.Voc. Tourism and Hospitality Management	TH

Disciplinary Action on Malpractice in the Examinations

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

2.   The Students will not be permitted, if he writes examination with Mobile Phone and keeping the same with or without the knowledge of the Invigilator.

3.   All the registered papers (except project work) of the candidates will be cancelled, if they indulge in Malpractice (possession or attempt to copy) in CIA Tests or End Semester Examination of a particular semester.

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 End Semester examination marks and suggest appropriate corrective actions.

- The students are informed that there will be a Grievance Letter Boxes each in 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.

FOUNDATION COURSES FOR UG STUDENTS

Bridge Course in English and Computer Literacy classes are to be conducted 3 days each for all the I year UG students while commencing the academic year. As the courses are mandatory to all the students as suggested by NAAC, the attendance is made compulsory.

GENERIC ELECTIVES COURSES (2020-2021)

DEPARTMENT	SEM.	COURSE CODE	COURSE TITLE
ARABIC	III	20UAR3GE1	Foundation Course in Arabic I
	IV	20UAR4GE2	Foundation Course in Arabic II
BOTANY	III	20UBO3GE1	Edible Mushroom Cultivation and Commercialization
	IV	20UBO4GE2	Nursery, Gardening for Entrepreneurship
BIOTECHNOLOGY	III	20UBT3GE1	Edible Mushroom Cultivation Technology
	IV	20UBT4GE2	Biofertilizer and Organic Farming
BBA	III	20UBA3GE1	Management Principles
	IV	20UBA4GE2	Banking Practices
CHEMISTRY	III	20UCH3GE1A	Chemistry in Daily Life
		20UCH3GE1B	Agricultural Chemistry
	IV	20UCH4GE2A	Food and Nutrition
		20UCH4GE2B	Nanoscience and its Applications
COMMERCE	III	20UCO3GE1	Commerce For Competitive Examinations
	IV	20UCO4GE2	Services Marketing
COMPUTER SCIENCE	III	20UCS3GE1	Business Process Outsourcing
	IV	20UCS4GE2	Web Design
COMPUTER APPLICATIONS	III	20UCA3GE1	Office Automation
	IV	20UCA4GE2	Image Editing Tools
INFORMATION TECHNOLOGY	III	20UIT3GE1	Fundamentals of IT
	IV	20UIT4GE2	IT Infrastructure Management
ECONOMICS	III	20UEC3GE1	Elements of Economics
	IV	20UEC4GE2	General Economics
ENGLISH	III	20UEN3GE1	Remedial English
	IV	20UEN4GE2	English for Employability Skills
FASHION TECHNOLOGY & COSTUME DESIGNING	III	20UFT3GE1P	Hand Embroidery – Practical
	IV	20UFT4GE2P	Painting Techniques – Practical
HISTORY	III	20UHS3GE1	Indian History for Competitive Examinations-I
	IV	20UHS4GE2	Indian History for Competitive Examinations-II
HOTEL MANAGEMENT & CATERING SCIENCE	III	20UHM3GE1A	Basic Front Desk Operation
		20UHM3GE1B	Basic Food Production
	IV	20UHM4GE2A	Basic Baking
		20UHM4GE2B	Basic Restaurant Operations

MATHEMATICS	III	20UMA3GE1	Quantitative Aptitude
	IV	20UMA4GE2	Reasoning Ability
MICROBIOLOGY	III	20UMB3GE1	Microbial Food Products
	IV	20UMB4GE2	Cosmetic Microbiology
NUTRITION AND DIETETICS	III	20UND3GE1	Nutrition for Health and Wellbeing
	IV	20UND4GE2	Nutrition for Women
PHYSICS	III	20UPH3GE1	Physics for Home Appliances
	IV	20UPH4GE2	Medical Physics
TAMIL	III	20UTA3GE1A	தமிழ் இலக்கியமும் வரலாறும் - I
		20UTA3GE1B	எழுத்தும் இலக்கியமும் அறிமுகம் - I
	IV	20UTA4GE2A	தமிழ் இலக்கியமும் வரலாறும் - II
		20UTA4GE2B	எழுத்தும் இலக்கியமும் அறிமுகம் - II
VISUAL COMMUNICATION	III	20UVC3GE1P	Pencil Sketching - Practical
	IV	20UVC4GE2P	Art from Anything - Practical
ZOOLOGY	III	20UZO3GE1	Human Health and Hygiene
	IV	20UZO4GE2	Vermiculture Technology and Organic Farming
FRENCH	III	20UFR3GE1	Français de Base
	IV	20UFR4GE2	Française Avance
HINDI	III	20UHI3GE1	Parichaya
	IV	20UHI4GE2	Prathamic
URDU	III	20UUR3GE1	Urdu for Beginners
	IV	20UUR4GE2	Functional Urdu
PHYSICAL EDUCATION	III	20UPE3GE1P	Physical training and fitness assessment - Practical
	IV	20UPE4GE2P	Fitness through yogic practices - Practical

VALUE ADDED COURSES 2019

DEPARTMENT	SEM.	COURSE CODE	COURSE TITLE
ARABIC	III	19UARVAC1	Communicative Arabic
	V	19UARVAC2	Medical Tourism
BOTANY	III	19UBOVAC1	Bioinoculants for Commercialization
	V	19UBOVAC2	Forensic Botany
BIOTECHNOLOGY	III	19UBTVAC1	Clinical Diagnostic Methods
	V	19UBTVAC2	Herbal Healthcare Practices
BBA	III	19UBAVAC1	E-Marketing
	V	19UBAVAC2	Export Procedure
CHEMISTRY	III	19UCHVAC1	Reagents Preparations and their Validation
	V	19UCHVAC2	Chemical Waste Management
COMMERCE	III	19UCOVAC1	Introduction to GST
	V	19UCOVAC2	Export Import Procedure
COMPUTER SCIENCE	III	19UCSVAC1	Python Programming
	V	19UCSVAC2	MATLAB
COMPUTER APPLICATIONS	III	19UCAVAC1	Python Programming
	III	19UCAVAC2	Basics of Internet of Things (IoT)
	V	19UCAVAC3	Angular JS
	V	19UCAVAC4	Android Programming
INFORMATION TECHNOLOGY	III	19UITVAC1	Database Administration
	V	19UITVAC2	Dreamweaver
ECONOMICS	III	19UECVAC1	Economics for Competitive Examinations
	V	19UECVAC2	Data Handling Using Excel
ENGLISH	III	19UENVAC1	Creative Writing for Beginners
	V	19UENVAC2	The Art of Review Writing
FASHION TECHNOLOGY & COSTUME DESIGNING	III	19UFTVAC1	Traditional Embroidery-Practical
	V	19UFTVAC2	Pattern Making and Garment Construction for Women's Wear-Practical
HISTORY	III	19UHSVAC1	Tourism Potentials in Tiruchirappalli
	V	19UHSVAC2	Art and Architecture in Tiruchirappalli
HOTEL MANAGEMENT & CATERING SCIENCE	III	19UHMVAC1	Vegetables & Fruits Carving Techniques Practical
	V	19UHMVAC2	Entrepreneurship Essentials in Hospitality and Tourism Industry
MATHEMATICS	III	19UMAVAC1	R-Programming
	III	19UMAVAC2	Mathematics for Competitive Examinations-I
	V	19UMAVAC3	Maple
	V	19UMAVAC4	Mathimatica
	V	19UMAVAC5	Mathematics for Competitive Examinations-II
MICROBIOLOGY	III	19UMBVAC1	Food Processing and Quality Assurance
	V	19UMBVAC2	Clinical Research
NUTRITION AND DIETETICS	III	19UNDVAC1	Kitchen Gardening
	V	19UNDVAC2	Food Toxicology
PHYSICS	III	19UPHVAC1	Physics Laboratory Instruments and Their Trouble Shooting
	V	19UPHVAC2	Space Physics
TAMIL	III	19UTAVAC1	தமிழ்க் கணினிப் பயிற்சி
	V	19UTAVAC2	வேலை வாய்ப்புத் தமிழியற் கல்வி
VISUAL COMMUNICATION	III	19UVCVAC1	Commercial Art
	V	19UVCVAC2	Stop Motion Animation
ZOOLOGY	III	19UZOVAC1	Aquarium Keeping
	V	19UZOVAC2	Birds Keeping

VALUE ADDED COURSES 2021

DEPARTMENT	SEM.	COURSE CODE	COURSE TITLE
ARABIC	III	21UARVAC1	Arabic for Day Today Life
	V	21UARVAC2	Arabic for Medics
BOTANY	III	21UBOVAC1	Plants and Human Welfare
	V	21UBOVAC2	Bionanotechnology
BIOTECHNOLOGY	III	21UBTVAC1	Biocosmetics
	V	21UBTVAC2	Food Preservation
BUSINESS ADMINISTRATION	III	21UBAVAC1	Principles of Insurance
	V	21UBAVAC2	Introduction to Goods and Service Tax
CHEMISTRY	III	21UCHVAC1	Soil and Water Chemistry
	V	21UCHVAC2	Crystallisation and Chromatography Techniques
COMMERCE	III	21UCOVAC1	Fundamentals of Capital Market
	V	21UCOVAC2	Introduction to Logistics Management
COMPUTER SCIENCE	III	21UCSVAC1	Dreamweaver
	V	21UCSVAC2	R Programming
COMPUTER APPLICATION	III	21UCAVAC1	Web Designing
	V	21UCAVAC2	PC Hardware and Troubleshooting
ECONOMICS	III	21UECVAC1	Demography
	V	21UECVAC2	Pricing Strategies
ENGLISH	III	21UENVAC1	Human Values and Ethics
	V	21UENVAC2	Perspectives of Human Rights
FASHION TECHNOLOGY & COSTUME DESIGNING	III	21UFTVAC1	Eco Friendly Soft Toy Making - Practical
	V	21UFTVAC2	Art Techniques
HISTORY	III	21UHSVAC1	Eco Tourism
	V	21UHSVAC2	Historical Monuments in Tiruchirappalli
HOTEL MANAGEMENT & CATERING SCIENCE	III	21UHMVAC1	Geography of Tourism
	V	21UHMVAC2	Tourism Resources of India
INFORMATION TECHNOLOGY	III	21UITVAC1	Office Automation
	V	21UITVAC2	Basics of Internet of Things (IoT)
MATHEMATICS	III	21UMAVAC1	Sage Math
	V	21UMAVAC2	SciLab
MICROBIOLOGY	III	21UMBVAC1	Health and Diagnostic Microbiology
	V	21UMBVAC2	Entrepreneurial Microbiology
NUTRITION AND DIETETICS	III	21UNDVAC1	Basic Food Analysis Techniques
	V	21UNDVAC2	Artificial Intelligence in Nutrition and Dietetics
PHYSICS	III	21UPHVAC1	Ultrasonic Non-Destructive Testing
	V	21UPHVAC2	Biophysics
TAMIL	III	21UTAVAC1	தமிழ்க் கணினிப் பயிற்சி
	V	21UTAVAC2	தன் மேம்பாட்டுக் கல்வி
VISUAL COMMUNICATION	III	21UVCVAC1	Title Creation
	V	21UVCVAC2	Screen Printing
ZOOLOGY	III	21UZOVAC1	Clinical Laboratory Technology
	V	21UZOVAC2	Dairy Farming

VALUE ADDED COURSES 2022

DEPARTMENT	PROGRAMME	SEM.	COURSE CODE	COURSE TITLE
ARABIC	UG	III	22UARVAC1	Business Communication
		V	22UARVAC2	Arabic for Medical Tourism
	PG	III	22PARVAC1	Journal Arabic
BOTANY	UG	III	22UBOVAC1	Entrepreneurial Skills in Botany
		V	22UBOVAC2	Soilless Cultivation of Plants
	PG	III	22PBOVAC1	Bioethics and Biosafety for Botanical Research
BIOTECHNOLOGY	UG	III	22UBTVAC1	Economic Biotechnology
		V	22UBTVAC2	Vermicomposting Technology
	PG	III	22PBTVAC1	Clinical Research and Pharmacovigilance
BUSINESS ADMINISTRATION	UG	III	22UBAVAC1	Public Relations
		V	22UBAVAC2	Introduction to Income Tax
CHEMISTRY	UG	III	22UCHVAC1	Thin Layer and Column Chromatographic Techniques
		V	22UCHVAC2	Molecular Structure Drawing Tool
	PG	III	22PCHVAC1	UV-Visible, IR Spectroscopic Instrumentation and Separation Techniques
COMMERCE	UG	III	22UCOVAC1	Commerce Practicals
		V	22UCOVAC2	Introduction to Logistics Management
	PG	III	22PCOVAC1	Supply Chain Management
COMPUTER SCIENCE	UG	III	22UCSVAC1	Android Programming
		V	22UCSVAC2	Fundamentals of MATLAB
	PG	III	22PCSVAC1	Basics of Image Processing
COMPUTER APPLICATIONS	UG	III	22UCAVAC1	Fundamentals of R Programming
		V	22UCAVAC2	Kotlin Programming
	PG	III	22MCAVAC1	Angular JS
INFORMATION TECHNOLOGY	UG	III	22UITVAC1	PL/SQL Programming
		V	22UITVAC2	Hardware and Networking Essentials
ECONOMICS	UG	III	22UECVAC1	Data Analysis
		V	22UECVAC2	Stock Market Operations
	PG	III	22PECVAC1	Vital Statistics
ENGLISH	UG	III	22UENVAC1	Creative Writing for Beginners
		V	22UENVAC2	The Art of Review Writing
	PG	III	22PENVAC1	Perspectives of Human Rights
FASHION TECHNOLOGY & COSTUME DESIGNING	UG	III	22UFTVAC1	Paintings Techniques – Practical
		V	22UFTVAC2	Apparel Printing - Practical
	PG	III	22PFTVAC1	Indian Folk Art - Practical
HISTORY	UG	III	22UHSVAC1	Indian Numismatics
		V	22UHSVAC2	Religious Tourism in Tiruchirappalli
	PG	III	22PHSVAC1	Indian Numismatics

HOTEL MANAGEMENT & CATERING SCIENCE	UG	III	22UHMVAC1	Art of Flower Arrangements
		V	22UHMVAC2	Preparation of Processed Foods
MANAGEMENT STUDIES	PG	III	22MBAVAC1	Life Skills for Managers
MATHEMATICS	UG	III	22UMAVAC1	Mathematical Computations Using Python
		V	22UMAVAC2	Document Preparation Using Latex
	PG	III	22PMAVAC1	Document Preparation Using Latex
MICROBIOLOGY	UG	III	22UMBVAC1	Human Microbial Diseases and Management
		V	22UMBVAC2	Milk Microbiology
	PG	III	22PMBVAC1	Microbial Products and Entrepreneurship Development
NUTRITION AND DIETETICS	UG	III	22UNDVAC1	Home Gardening
		V	22UNDVAC2	Tools for Nutrition Education
	PG	III	22PNDVAC1	Counselling Skills for Dietitian
PHYSICS	UG	III	22UPHVAC1	Glimpses of Astronomy
		V	22UPHVAC2	Non-Destructive Testing – Radiography Technique
	PG	III	22PPHVAC1	Glimpses of Astronomy
SOCIAL WORK	PG	III	22MSWVAC1	Art of Proposal Writing
TAMIL	UG	III	22UTAVAC1	பேச்சுக்கலை
		V	22UTAVAC2	பதிப்புக்கலை
	PG	III	22PTAVAC1	பதிப்புக்கலை
VISUAL COMMUNICATION	UG	III	22UVCVAC1	Wall Painting
		V	22UVCVAC2	Explainer Video
ZOOLOGY	UG	III	22UZOVAC1	Silkworm Rearing Techniques
		V	22UZOVAC2	Basics of Vaccine and Vaccination
	PG	III	22PZOVAC1	Basics of Forensic Science

PART - I LANGUAGES
ARABIC

SEM	COURSE CODE	COURSE	COURSE TITLE	INS. HRS/ WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20U1LA1	Language-I	Basic Arabic	6	3	25	75	100
II	20U2LA2	Language-II	Grammar & Translation	6	3	25	75	100
III	20U3LA3	Language-III	Prose & Poetry	6	3	25	75	100
IV	20U4LA4	Language-IV	Language Skills & Literary History	6	3	25	75	100
GRAND TOTAL				24	12			400

FRENCH

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS.HRS/ WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20U1LF1	I	Language-I	General Language French - I	6	3	25	75	100
II	20U2LF2		Language-II	General Language French - II	6	3	25	75	100
III	20U3LF3	I	Language-III	Higher Language French - III	6	3	25	75	100
	20UFR3GE1	IV	Generic Elective I #		2	2	-	100	100
IV	20U4LF4	I	Language-IV	Higher Language French - IV	6	3	25	75	100
	20UFR4GE2	IV	Generic Elective II #		2	2	-	100	100
GRAND TOTAL					28	16			600

HINDI

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	HRS/ WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20U1LH1	I	Language-I	Samanya Hindi	6	3	25	75	100
II	20U2LH2		Language-II	Functional Hindi and Prose	6	3	25	75	100
III	20U3LH3	I	Language-III	Poetry and History of Hindi Literature (Veergathakaal and Bhakthikaal)	6	3	25	75	100
	20UHI3GE1	IV	Generic Elective I #		2	2	-	100	100
IV	20U4LH4	I	Language-IV	Novel and Drama	6	3	25	75	100
	20UHI4GE2	IV	Generic Elective II #		2	2	-	100	100
GRAND TOTAL					28	16			600

TAMIL

SEM	COURSE CODE	COURSE	COURSE TITLE	INS. HRS/ WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20U1LT1	Language-I	செய்யுள், சிறுகதை, பயன்பாட்டுத்தமிழ், இலக்கிய வரலாறு	6	3	25	75	100
II	20U2LT2	Language-II	செய்யுள், நாடகம், இலக்கிய வரலாறு, செம்மொழி வரலாறு	6	3	25	75	100
III	20U3LT3	Language-III	செய்யுள், புதினம், மொழிபெயர்ப்பு, கடிதம், கட்டுரை வரைதல், இலக்கிய வரலாறு	6	3	25	75	100
IV	20U4LT4	Language-IV	செய்யுள், உரைநடை, போட்டித்தேர்வுத்தமிழ், இலக்கிய வரலாறு	6	3	25	75	100
GRAND TOTAL				24	12			400

URDU

SEM	COURSE CODE	COURSE	PART	COURSE TITLE	HRS/ WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20U1LU1	Language-I	I	Nasr Aur Quawaid	6	3	25	75	100
II	20U2LU2	Language-II		Nazm aur Ghazal	6	3	25	75	100
III	20U3LU3	Language-III	I	Mukalama, Tarjuma Aur Rubaiyath	6	3	25	75	100
	20UUR3GE1	Generic Elective I #	IV		2	2	-	100	100
IV	20U4LU4	Language-IV	I	Afsana Aur Khutoot Navesi	6	3	25	75	100
	20UUR4GE2	Generic Elective II #	IV		2	2	-	100	100
GRANDTOTAL					28	16			600

PART - II LANGUAGE - ENGLISH

SEM	COURSE CODE	COURSE	COURSE TITLE	HRS/ WEEK	CREDIT	MARKS		TOTAL
						CIA	ESE	
I	20UCN1LE1	English-I	English for Effective Communication - I	6	3	25	75	100
II	20UCN2LE2	English-II	English for Effective Communication - II	6	3	25	75	100
III	20UCN3LE3	English-III	Poetry and Drama	6	3	25	75	100
IV	20UCN4LE4	English-IV	English for Enrichment	6	3	25	75	100
			GRAND TOTAL	24	12			400

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

FRENCH

SEMESTER	COURSE CODE	COURSE TITLE
III	20UFR3GE1	Français de Base
IV	20UFR4GE2	Française Avance

HINDI

SEMESTER	COURSE CODE	COURSE TITLE
III	20UHI3GE1	Parichaya
IV	20UHI4GE2	Prathamic

PHYSICAL EDUCATION

SEMESTER	COURSE CODE	COURSE TITLE	HOURS/ WEEK	CREDITS	MARKS		TOTAL
					CIA	ESE	
III	20UPE3GE1P	Physical training and fitness assessment - Practical	2	2	20	80	100
IV	20UPE4GE2P	Fitness through yogic practices - Practical	2	2	20	80	100

URDU

SEMESTER	COURSE CODE	COURSE TITLE
III	20UUR3GE1	Urdu for Beginners
IV	20UUR4GE2	Functional Urdu

B.A. ARABIC

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20U1LT1/LA1/ LF1/LH1/LU1	I	Language I		6	3	25	75	100
	20UCN1LE1	II	English I		6	3	25	75	100
	20UAR1CC1		Core I	Grammar I	4	4	25	75	100
	20UAR1CC2	III	Core II	Arabic Morphology	4	3	25	75	100
	20UAR1AC1		Allied I	Seerathul Anbiyaa I	4	3	25	75	100
	20UAR1AC2		Allied II	Tajweed and Tarjama	4	3	25	75	100
	20UCN1AE1	IV	AEC I	Value Education	2	2	100	-	100
				Total	**30**	**21**			**700**
II	20U2LT2/LA2/ LF2/LH2/LU2	I	Language II		6	3	25	75	100
	20UCN2LE2	II	English II		6	3	25	75	100
	20UAR2CC3		Core III	Grammar II	5	4	25	75	100
	20UAR2CC4P	III	Core IV	Language Application-Practical	4	3	20	80	100
	20UAR2AC3		Allied III	Seerathul Anbiyaa II	4	3	25	75	100
	20UAR2AC4		Allied IV	History of Arabs I	3	2	25	75	100
	20UCN2SE1	IV	Skill Enhancement Course-1@	Soft Skills Development	2	2	100	-	100
				Total	**30**	**20**			**700**
III	20U3LT3/LA3/LF3 /LH3/LU3	I	Language III		6	3	25	75	100
	20UCN3LE3	II	English III		6	3	25	75	100
	20UAR3CC5		Core V	Grammar III	4	4	25	75	100
	20UAR3CC6P	III	Core VI	Applied Arabic	3	2	20	80	100
	20UAR3AC5		Allied V	Seerathul Anbiyaa III	4	3	25	75	100
	20UAR3AC6		Allied VI	History of Arabs II	3	2	25	75	100
	20UAR3GE1	IV	Generic Elective I #		2	2	-	100	100
	20UCN3AE2		AEC II	Environmental Studies	2	2	100	-	100
				Total	**30**	**21**			**800**
IV	20U4LT4/LA4/LF4 /LH4/LU4	I	Language IV		6	3	25	75	100
	20UCN4LE4	II	English IV		6	3	25	75	100
	20UAR4CC7		Core VII	Grammar IV	4	4	25	75	100
	20UAR4CC8	III	Core VIII	Classical Prose I	4	3	25	75	100
	20UAR4AC7		Allied VII	Seerathul Anbiyaa IV	4	3	25	75	100
	20UAR4AC8P		Allied VIII	Media Arabic	4	2	20	80	100
	20UAR4GE2	IV	Generic Elective II #		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC,NSS,etc.	-	1	-	-	-
				Total	**30**	**21**			**700**
V	20UAR5CC9		Core IX	Grammar V	6	5	25	75	100
	20UAR5CC10		Core X	Modern Prose	5	5	25	75	100
	20UAR5CC11	III	Core XI	Classical Poetry	5	5	25	75	100
	20UAR5CC12		Core XII	Rhetoric I	5	5	25	75	100
	20UAR5DE1A/B		DSE I*		5	4	25	75	100
	20UAR5SE2A/B	IV	Skill Enhancement Course II @		2	2	-	100	100
	20UAR5SE3A/B		Skill Enhancement Course III @		2	2	-	100	100
	20UAR5EC1		Extra Credit Course I	General Intelligence for Competitive Examinations	-	4*	-	100*	100*
				Total	**30**	**28**			**700**
VI	20UAR6CC13		Core XIII	Grammar VI	5	5	25	75	100
	20UAR6CC14		Core XIV	Classical Prose II	5	5	25	75	100
	20UAR6CC15	III	Core XV	Modern Poetry	5	5	25	75	100
	20UAR6CC16		Core XVI	Rhetoric II & Prosody	5	5	25	75	100
	20UAR6DE2 A/B		DSE II **		5	4	25	75	100
	20UAR6DE3 A/B		DSE III**		4	4	25	75	100
	20UCN6AE3	IV	AEC III	Gender Studies	1	1	100	-	100
	20UAR6EC2		Extra Credit Course II	Arabic for competitive examinations	-	4*	-	100*	100*
	20UARAECA		Extra Credit Course for all	Online Course	-	1*	-	-	-
				Total	**30**	**29**			**700**
				Grand Total	**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UAR3GE1	Foundation Course in Arabic I
IV	20UAR4GE2	Foundation Course in Arabic II

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
II	20UCN2SE1	Soft Skills Development
V	20UAR5SE2A	Essay Writing in Arabic
	20UAR5SE2B	Communication Skills in Arabic
	20UAR5SE3A	Documents Preparation in Arabic
	20UAR5SE3B	Computer Literacy with Arabic

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UAR5DE1AP	Type Writing in Arabic – Practical (20 + 80 = 100 Marks)
	20UAR5DE1B	Translation Skills in Arabic – I
VI	20UAR6DE2A	History of Arabic Literature
	20UAR6DE2B	Commercial Arabic
	20UAR6DE3AP	Data Entry in Arabic – Practical
	20UAR6DE3B	Translation Skills in Arabic - II

B.B.A.

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Ins.Hrs/ Week	CREDIT	CIA	ESE	TOTAL
I	20U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UBA1CC1	III	Core – I	Principles of Management	4	4	25	75	100
	20UBA1CC2		Core – II	Financial Accounting	4	3	25	75	100
	20UBA1AC1		Allied –I	Managerial Economics	4	3	25	75	100
	20UBA1AC2		Allied –II	Business Communication	4	3	25	75	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	30	21			700
II	20U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UBA2CC3	III	Core – III	Marketing Management	5	4	25	75	100
	20UBA2CC4		Core – IV	Business Environment	4	3	25	75	100
	20UBA2AC3		Allied – III	Mathematics and Statistics for Manager	4	3	25	75	100
	20UBA2AC4P		Allied –IV	MS Office Management-Practical	3	2	20	80	100
	20UCN2SE1	IV	Skill Enhancement Course-I@	Soft Skills Development	2	2	100	-	100
				TOTAL	30	20			700
III	20U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UBA3CC5	III	Core– V	Business Accounting	4	4	25	75	100
	20UBA3CC6		Core– VI	Business Laws	3	2	25	75	100
	20UBA3AC5		Allied– V	Operations Research	4	3	25	75	100
	20UBA3AC6P		Allied–VI	Tally For Business-Practical	3	2	20	80	100
	20UBA3GE1	IV	Generic Elective I#		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	30	21			800
IV	20U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UBA4CC7	III	Core– VII	Production Management	4	4	25	75	100
	20UBA4CC8		Core - VIII	Management Information System	4	3	25	75	100
	20UBA4AC7		Allied– VII	Services Marketing	4	3	25	75	100
	20UBA4AC8		Allied–VIII	Cost Accounting	4	2	25	75	100
	20UBA4GE2	IV	Generic Elective – II#		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	30	21			700
V	20UBA5CC9	III	Core – IX	Management Accounting	6	5	25	75	100
	20UBA5CC10		Core – X	International Business	5	5	25	75	100
	20UBA5CC11		Core – XI	Entrepreneurial Development	5	5	25	75	100
	20UBA5CC12		Core - XII	Organisational Behaviour	5	5	25	75	100
	20UBA5DE1A/B		DSE – I**		5	4	25	75	100
	20UBA5SE2A/B	IV	Skill Enhancement Course-II@		2	2	-	100	100
	20UBA5SE3A/B		Skill Enhancement Course-III@		2	2	-	100	100
	20UBA5EC1		Extra Credit Course - I	General Intelligence for Competitive examination	-	4*	--	100*	100*
				TOTAL	30	28			700
VI	20UBA6CC13	III	Core– XIII	Financial Management	5	5	25	75	100
	20UBA6CC14		Core– XIV	Strategic Management	5	5	25	75	100
	20UBA6CC15		Core - XV	Human Resource Management	5	5	25	75	100
	20UBA6CC16		Core XVI	Industrial Relations	5	5	25	75	100
	20UBA6DE2A/B		DSE II**		5	4	25	75	100
	20UBA6DE3 A/B		DSE III**		4	4	25	75	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UBA6EC2		Extra Credit Course - II	Business Administration for competitive examinations	-	4*	--	100*	100*
	20UBAAECA		Extra Credit Course for all	Online Course	-	1*	-	-	-
				TOTAL	30	29			700
				GRAND TOTAL	180	140			4300

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UBA3GE1	Management Principles
IV	20UBA4GE2	Banking Practices

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UBA5SE2A	Introduction to Research Methodology
	20UBA5SE2B	Supply Chain Management
	20UBA5SE3A	Aptitude Test
	20UBA5SE3B	Knowledge Management

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UBA5DE1A	Consumer Behaviour
	20UBA5DE1B	Corporate Accounts
VI	20UBA6DE2A	Advertising and Salesmanship
	20UBA6DE2B	Banking and Financial Services
	20UBA6DE3A	Retail Marketing
	20UBA6DE3B	Securities Markets

B.Sc. BIOTECHNOLOGY

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS.HRS/ WEEK	CREDIT	CIA	ESE	TOTAL
I	20U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UBT1CC1	III	Core – I	Essential Biodiversity	5	5	25	75	100
	20UBT1CC2P		Core – II	Essential Biodiversity – Practical	3	2	20	80	100
	20UBT1AC1		Allied –I	Microbiology I - Bacteriology and Virology	5	4	25	75	100
	20UBT1AC2P		Allied –II	Microbiology I-Bacteriology and Virology-Practical	3	2	20	80	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	30	21			700
II	20U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UBT2CC3	III	Core – III	Cytology and Cell Biology	6	5	25	75	100
	20UBT2CC4P		Core – IV	Cytology and Cell Biology - Practical	3	2	20	80	100
	20UBT2AC3		Allied –III	Microbiology II - Applied Microbiology	4	3	25	75	100
	20UBT2AC4P		Allied –IV	Microbiology II - Applied Microbiology-Practical	3	2	20	80	100
	20UCN2SE1	IV	Skill Enhancement Course -I @	Soft Skills Development	2	2	100	-	100
				TOTAL	30	20			700
III	20U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UBT3CC5	III	Core– V	Genetics and Evolution	4	4	25	75	100
	20UBT3CC6P		Core– VI	Genetics and Evolution - Practical	3	2	20	80	100
	20UBT3AC5		Allied– V	Biochemistry I - Biomolecules	4	3	25	75	100
	20UBT3AC6P		Allied–VI	Biochemistry I - Biomolecules - Practical	3	2	20	80	100
	20UBT3GE1	IV	Generic Elective – I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	30	21			800
IV	20U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UBT4CC7	III	Core– VII	Molecular Biology and Recombinant DNA Technology	5	5	25	75	100
	20UBT4CC8P		Core - VIII	Molecular Biology and Recombinant DNA Technology - Practical	3	2	20	80	100
	20UBT4AC7		Allied– VII	Biochemistry II - Bioenergetics and Metabolism	5	3	25	75	100
	20UBT4AC8P		Allied–VIII	Biochemistry II - Bioenergetics and Metabolism-Practical	3	2	20	80	100
	20UBT4GE2	IV	Generic Elective – II #		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	30	21			700
V	20UBT5CC9	III	Core – IX	Plant and Animal Physiology	6	5	25	75	100
	20UBT5CC10		Core – X	Enzymology	5	5	25	75	100
	20UBT5CC11		Core – XI	Immunology	5	5	25	75	100
	20UBT5CC12P		Core - XII	Plant and Animal Physiology, Enzymology, Immunology - Practical	5	5	20	80	100
	20UBT5DE1A/B		DSE – I **		5	4	25	75	100
	20UBT5SE2 A/B	IV	Skill Enhancement Course -II @		2	2	-	100	100
	20UBT5SE3 A/B		Skill Enhancement Course -III @		2	2	-	100	100
	20UBT5EC1		Extra Credit Course - I	General Intelligence for competitive examinations	-	4*	--	100*	100*
				TOTAL	30	28			700
VI	20UBT6CC13	III	Core– XIII	Plant Biotechnology	5	5	25	75	100
	20UBT6CC14		Core– XIV	Animal Biotechnology	5	5	25	75	100
	20UBT6CC15		Core - XV	Bioinformatics and Biostatistics	5	5	25	75	100
	20UBT6CC16P		Core - XVI	Plant Biotechnology, Animal Biotechnology and Bioinformatics and Biostatistics- Practical	5	5	20	80	100
	20UBT6DE2 A/B		DSE – II **		5	4	25	75	100
	20UBT6DE3 A/B		DSE – III **		4	4	25	75	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UBT6EC2		Extra Credit Course-II	Biotechnology for competitive examinations	-	4*	--	100*	100*
	20UBTAECA		Extra Credit Course for all	Online Course	-	1*	--	-	-
				TOTAL	30	29			700
				GRAND TOTAL	180	140			4300

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UBT3GE1	Edible Mushroom Cultivation Technology
IV	20UBT4GE2	Biofertilizer and Organic Farming

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UBT5SE2A	Environmental Biotechnology
	20UBT5SE2B	Basics of Forensic Science
	20UBT5SE3A	Industrial Fermentations
	20UBT5SE3B	Molecular Diagnostics

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UBT5DE1A	Genomics and Proteomics
	20UBT5DE1B	Ecology and Environment Management
VI	20UBT6DE2A	Bioanalytical tools
	20UBT6DE2B	Medical Microbiology
	20UBT6DE3A	IPR, Biosafety and Bioethics
	20UBT6DE3B	Cancer and Stem Cell Biology

B.Sc. BOTANY

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	HRS/WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20U1LT1/LA1/LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English – I		6	3	25	75	100
	20UBO1CC1	III	Core– I	Plant Diversity (Algae, Fungi and Archegoniate)	5	5	25	75	100
	20UBO1CC2P		Core – II	Laboratory course for core I - Practical	3	2	20	80	100
	20UCH1AC1: 2		Allied –I	Inorganic, Organic and Physical Chemistry-I	5	4	25	75	100
	20UCH1AC2P		Allied –II	Volumetric Estimations-Practical	3	2	20	80	100
	20UCN1AE1	IV	AEC – I	Value Education	2	2	100	-	100
				TOTAL	30	21			700
II	20U2LT2/LA2/LF2/LH2/LU2	I	Language– II		6	3	25	75	100
	20UCN2LE2	II	English– II		6	3	25	75	100
	20UBO2CC3	III	Core– III	Plant Anatomy and Embryology	6	5	25	75	100
	20UBO2CC4P		Core–IV	Laboratory course for core III - Practical	3	2	20	80	100
	20UCH2AC3: 2		Allied– III	Inorganic, Organic and Physical Chemistry – II	4	3	25	75	100
	20UCH2AC4P		Allied–IV	Organic Analysis – Practical	3	2	20	80	100
	20UCN2SE1	IV	Skill Enhancement Course – I@	Soft Skills Development	2	2	100	-	100
				TOTAL	30	20			700
III	20U3LT3/LA3/LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UBO3CC5	III	Core – V	Cytology and Genetics	4	4	25	75	100
	20UBO3CC6P		Core – VI	Laboratory course for core V – Practical	3	2	20	80	100
	20UZO3AC5		Allied– V	General Principles in Zoology	4	3	25	75	100
	20UZO3AC6P		Allied– VI	General Principles in Zoology – Practical	3	2	20	80	100
	20UBO3GE1	IV	Generic Elective–I#		2	2	-	100	100
	20UCN3AE2		AEC – II	Environmental Studies	2	2	100	-	100
				TOTAL	30	21			800
IV	20U4LT4/LA4/LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UBO4CC7	III	Core– VII	Microbiology and Plant Pathology	5	5	25	75	100
	20UBO4CC8P		Core– VIII	Laboratory course for core VII-Practical	3	2	20	80	100
	20UZO4AC7		Allied– VII	Commercial Zoology	5	3	25	75	100
	20UZO4AC8P		Allied–VIII	Commercial Zoology – Practical	3	2	20	80	100
	20UBO4GE2	IV	Generic Elective–II#		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	30	21			700
V	20UBO5CC9	III	Core– IX	Plant Systematics and Economic Botany	6	5	25	75	100
	20UBO5CC10		Core – X	Plant Physiology	5	5	25	75	100
	20UBO5CC11		Core – XI	Biochemistry and Biophysics	5	5	25	75	100
	20UBO5CC12P		Core – XII	Laboratory course for core IX, X and XI-Practical	5	5	20	80	100
	20UBO5DE1 A/B		DSE – I**		5	4	25	75	100
	20UBO5SE2 A/B	IV	Skill Enhancement Course – II@		2	2	-	100	100
	20UBO5SE3 A/B		Skill Enhancement Course – III@		2	2	-	100	100
	20UBO5EC1		Extra Credit Course-I	General Intelligence for Competitive Examinations	-	4*	-	100*	100*
				TOTAL	30	28			700
VI	20UBO6CC13	III	Core – XIII	Plant Ecology and Phytogeography	5	5	25	75	100
	20UBO6CC14		Core – XIV	Plant Molecular Biology and Biotechnology	5	5	25	75	100
	20UBO6CC15		Core– XV	Biological Techniques	5	5	25	75	100
	20UBO6CC16P		Core– XVI	Laboratory course for core XIII, XIV and XV - Practical	5	5	20	80	100
	20UBO6DE2 A/B		DSE – II**		5	4	25	75	100
	20UBO6DE3 A/B		DSE – III**		4	4	25	75	100
	20UCN6AE3	IV	AEC – III	Gender Studies	1	1	100	-	100
	20UBO6EC2		Extra Credit Course-II	Botany for Competitive Examinations	-	4*	-	100*	100*
	20UBOAECA		Extra Credit Course for all	Online Course	-	1*	-	-	-
				TOTAL	30	29			700
				GRAND TOTAL	180	140			4300

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UBO3GE1	Edible Mushroom Cultivation and Commercialization
IV	20UBO4GE2	Nursery, Gardening for Entrepreneurship

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UBO5SE2A	Algal Cultivation Techniques for Entrepreneurship
	20UBO5SE2B	Food Microbiology
	20UBO5SE3A	Greenhouse Technology
	20UBO5SE3B	Remote sensing

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UBO5DE1A	Biostatistics and Bioinformatics
	20UBO5DE1B	Enzyme Technology
VI	20UBO6DE2A	Industrial Botany
	20UBO6DE2B	Seed Technology
	20UBO6DE3A	Horticulture and Plant Breeding
	20UBO6DE3B	Silviculture

ALLIED COURSES

SEMESTER	COURSE CODE	COURSE	COURSE TITLE
III	20UBO3AC5	Allied – V	Applied Botany – I
	20UBO3AC6P	Allied – VI	Laboratory Course for Applied Botany I – Practical
IV	20UBO4AC7	Allied – VII	Applied Botany – II
	20UBO4AC8P	Allied – VIII	Laboratory Course for Applied Botany II – Practical

B.Sc. CHEMISTRY (WITH ALLIED MATHEMATICS)

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS.HRS/ WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UCH1CC1	III	Core – I	Inorganic, Organic and Physical Chemistry-I	5	5	25	75	100
	20UCH1CC2P		Core – II	Volumetric and Photometric Estimation-Practical	3	2	20	80	100
	20UPH1AC1		Allied –I	Fundamentals of Physics	5	4	25	75	100
	20UPH1AC2P		Allied –II	Properties of Matter - Practical	3	2	20	80	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
II	20U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UCH2CC3	III	Core – III	Inorganic, Organic and Physical Chemistry-II	6	5	25	75	100
	20UCH2CC4P		Core – IV	Industrial Chemistry-Practical	3	3	20	80	100
	20UPH2AC3		Allied –III	Essential of Physics	4	3	25	75	100
	20UPH2AC4P		Allied –IV	Optical, Thermal and Electricity - Practical	3	2	20	80	100
	20UCN2SE1	IV	Skill Enhancement Course - I @	Soft Skills Development	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
III	20U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UCH3CC5	III	Core– V	Inorganic, Organic and Physical Chemistry-III	4	4	25	75	100
	20UCH3CC6P		Core– VI	Preparation of Domestic Products and Their Quality Testing-Practical	3	2	20	80	100
	20UMA3AC5:3		Allied– V	Differential Calculus	4	3	25	75	100
	20UMA3AC6:3		Allied–VI	Algebra and Trigonometry	3	2	25	75	100
	20UCH3GE1 A/B	IV	Generic Elective I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	**30**	**21**			**800**
IV	20U4LT4/LA4/LF 4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UCH4CC7	III	Core– VII	Inorganic, Organic and Physical Chemistry-IV	5	5	25	75	100
	20UCH4CC8P		Core - VIII	Qualitative Analysis of Inorganic Salts-Practical	3	2	20	80	100
	20UMA4AC7:3		Allied– VII	Ordinary and Partial Differential Equations	5	3	25	75	100
	20UMA4AC8:3		Allied–VIII	Statistics and Vector Calculus	3	2	25	75	100
	20UCH4GE2 A/B	IV	Generic Elective-II #		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	20UCH5CC9	III	Core – IX	Chemistry of p-Block Elements and Radioactive Nuclides	6	5	25	75	100
	20UCH5CC10		Core – X	Organic Compounds Containing O, N & S and Name Reactions	5	5	25	75	100
	20UCH5CC11		Core – XI	Energetics and Properties of Solutions	6	5	25	75	100
	20UCH5CC12P		Core - XII	Physical Chemistry Electrical – Practical	4	4	20	80	100
	20UCH5DE1AP/ BP		Discipline Specific Elective – I **		5	4	20	80	100
	20UCH5SE2A/B	IV	Skill Enhancement Course II @		2	2	-	100	100
	20UCH5SE3A/B		Skill Enhancement Course – III @		2	2	-	100	100
	20UCH5EC1		Extra Credit Course-I	General Intelligence For Competitive Examinations	-	4*	--	100*	100*
				TOTAL	**30**	**27**			**700**
VI	20UCH6CC13	III	Core– XIII	Chemistry of d, f- Block Elements and Metal Complexes	5	5	25	75	100
	20UCH6CC14		Core– XIV	Stereochemistry, Molecular Rearrangements and Natural Products	5	5	25	75	100
	20UCH6CC15		Core - XV	Electrochemistry, Molecular Spectroscopy and Group Theory	5	5	25	75	100
	20UCH6CC16P		Core - XVI	Gravimetric Estimation and Spectrophotometric Study of Metal Complexes – Practical	5	5	20	80	100
	20UCH6DE2A/B		Discipline Specific Elective II **		5	4	25	75	100
	20UCH6DE3AP/ BP		Discipline Specific Elective III **		4	4	20	80	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UCH6EC2		Extra Credit Course-II	Chemistry For Competitive Examinations	-	4*	--	100*	100*
	20UCHAECA		Extra Credit Course for all	Online Course	-	1*	-	-	-
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

B.Sc. CHEMISTRY (WITH ALLIED BOTANY)

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS.HRS/ WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UCH1CC1	III	Core – I	Inorganic, Organic and Physical Chemistry-I	5	5	25	75	100
	20UCH1CC2P		Core – II	Volumetric and Photometric Estimation-Practical	3	2	20	80	100
	20UPH1AC1		Allied –I	Fundamentals of Physics	5	4	25	75	100
	20UPH1AC2P		Allied –II	Properties of Matter - Practical	3	2	20	80	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
II	20U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UCH2CC3	III	Core – III	Inorganic, Organic and Physical Chemistry-II	6	5	25	75	100
	20UCH2CC4P		Core – IV	Industrial Chemistry – Practical	3	3	20	80	100
	20UPH2AC3		Allied – III	Essential of Physics	4	3	25	75	100
	20UPH2AC4P		Allied –IV	Optical, Thermal and Electricity - Practical	3	2	20	80	100
	20UCN2SE1	IV	Skill Enhancement Course-I @	Soft Skills Development	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
III	20U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UCH3CC5	III	Core– V	Inorganic, Organic and Physical Chemistry-III	4	4	25	75	100
	20UCH3CC6P		Core– VI	Preparation of Domestic Products and The Quality Testing – Practical	3	2	20	80	100
	20UBO3AC5		Allied– V	Applied Botany I	4	3	25	75	100
	20UBO3AC6P		Allied–VI	Laboratory Course For Applied Botany I-Practical	3	2	20	80	100
	20UCH3GE1A/B	IV	Generic Elective I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	**30**	**21**			**800**
IV	20U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UCH4CC7	III	Core– VII	Inorganic, Organic and Physical Chemistry-IV	5	5	25	75	100
	20UCH4CC8P		Core - VIII	Qualitative Analysis of Inorganic Salts - Practical	3	2	20	80	100
	20UBO4AC7		Allied– VII	Applied Botany II	5	3	25	75	100
	20UBO4AC8P		Allied–VIII	Laboratory Course For Applied Botany II-Practical	3	2	20	80	100
	20UCH4GE2A/B	IV	Generic Elective – II #		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, Etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	20UCH5CC9	III	Core – IX	Chemistry of p-Block Elements and Radioactive Nuclides	6	5	25	75	100
	20UCH5CC10		Core – X	Organic Compounds Containing O, N & S and Name Reactions	5	5	25	75	100
	20UCH5CC11		Core – XI	Energetics and Properties of Solutions	6	5	25	75	100
	20UCH5CC12P		Core - XII	Physical Chemistry Electrical – Practical	4	4	20	80	100
	20UCH5DE1AP/ BP		Discipline Specific Elective – I **		5	4	20	80	100
	20UCH5SE2A/B	IV	Skill Enhancement Course II@		2	2	-	100	100
	20UCH5SE3A/B		Skill Enhancement Course – III @		2	2	-	100	100
	20UCH5EC1		Extra Credit Course-I	General Intelligence for Competitive Examinations	-	4*	--	100*	100*
				TOTAL	**30**	**27**			**700**
VI	20UCH6CC13	III	Core– XIII	Chemistry of d, f- Block Elements and Metal Complexes	5	5	25	75	100
	20UCH6CC14		Core– XIV	Stereochemistry, Molecular Rearrangements and Natural Products	5	5	25	75	100
	20UCH6CC15		Core - XV	Electrochemistry, Molecular Spectroscopy and Group Theory	5	5	25	75	100
	20UCH6CC16P		Core - XVI	Gravimetric Estimation and Spectrophotometric Study of Metal Complexes - Practical	5	5	20	80	100
	20UCH6DE2A/B		Discipline Specific Elective II **		5	4	25	75	100
	20UCH6DE3AP/ BP		Discipline Specific Elective III **		4	4	20	80	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UCH6EC2		Extra Credit Course- II	Chemistry for Competitive Examinations	-	4*	--	100*	100*
	20UCHAECA		Extra Credit Course for all	Online Course	-	1*	-	-	-
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UCH3GE1A	Chemistry in Daily Life
	20UCH3GE1B	Agricultural Chemistry
IV	20UCH4GE2A	Food and Nutrition
	20UCH4GE2B	Nanoscience and its Applications

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UCH5SE2A	Analytical Techniques
	20UCH5SE2B	Electro analytical Techniques
	20UCH5SE3A	Clinical Chemistry
	20UCH5SE3B	Water quality analysis

** DISCIPLINE SPECIFIC ELECTIVE

SEMESTER	COURSE CODE	COURSE TITLE
V	20UCH5DE1AP	Preparation and Analysis of Organic Compounds – Practical (20 + 80 = 100 Marks)
	20UCH5DE1BP	Quantitative analysis by Photometric method – Practical (20 + 80 = 100 Marks)
VI	20UCH6DE2A	Essential Molecules for Life
	20UCH6DE2B	Essentials of Bioinorganic Chemistry
	20UCH6DE3AP	Physical Chemistry Non Electrical –Practical (20 + 80 = 100 Marks)
	20UCH6DE3BP	Advanced Physical Chemistry- Practical (20 + 80 = 100 Marks)

ALLIED CHEMISTRY FOR B.SC. (PHYSICS)

SEMESTER	COURSE CODE	COURSE TITLE
I	20UCH1AC1:1	Inorganic, Organic and Physical Chemistry – I
	20UCH1AC2P	Volumetric Estimations -Practical (20 + 80 = 100 Marks)
II	20UCH2AC3:1	Inorganic, Organic and Physical Chemistry – II
	20UCH2AC4P	Organic Analysis – Practical (20 + 80 = 100 Marks)

ALLIED CHEMISTRY FOR B.SC. (BOTANY & ZOOLOGY)

SEMESTER	COURSE CODE	COURSE TITLE
I	20UCH1AC1:2	Inorganic, Organic and Physical Chemistry – I
	20UCH1AC2P	Volumetric Estimations - Practical (20 + 80 = 100 Marks)
II	20UCH2AC3:2	Inorganic, Organic and Physical Chemistry – II
	20UCH2AC4P	Organic Analysis – Practical (20 + 80 = 100 Marks)

B.COM.

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	HRS/WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20U1LT1/LA1/LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UCO1CC1	III	Core – I	Fundamentals Of Accounting	4	4	25	75	100
	20UCO1CC2		Core – II	Business Organisation & Management	4	3	25	75	100
	20UCO1AC1		Allied –I	Economic Analysis	4	3	25	75	100
	20UCO1AC2		Allied –II	Commercial Law	4	3	25	75	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
II	20U2LT2/LA2/LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UCO2CC3	III	Core – III	Financial Accounting	5	4	25	75	100
	20UCO2CC4		Core – IV	Marketing	4	3	25	75	100
	20UCO2AC3		Allied – III	Business Statistics	4	3	25	75	100
	20UCO2AC4		Allied –IV	Business Environment	3	2	25	75	100
	20UCN2SE1	IV	Skill Enhancement Course – I @	Soft Skills Development	2	2	100	-	100
				TOTAL	**30**	**20**			**700**
III	20U3LT3/LA3/LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UCO3CC5	III	Core– V	Advanced Accounts - I	4	4	25	75	100
	20UCO3CC6		Core– VI	Business Correspondence & Reporting	3	2	25	75	100
	20UCO3AC5		Allied– V	Insurance & Risk Management	4	3	25	75	100
	20UCO3AC6		Allied–VI	Indian Economy	3	2	25	75	100
	20UCO3GE1	IV	Generic Elective I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	**30**	**21**			**800**
IV	20U4LT4/LA4/LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UCO4CC7	III	Core– VII	Advanced Accounts - II	4	4	25	75	100
	20UCO4CC8		Core - VIII	Practical Costing	4	3	25	75	100
	20UCO4AC7		Allied– VII	Banking Technology	4	3	25	75	100
	20UCO4AC8		Allied–VIII	Financial Services	4	2	25	75	100
	20UCO4GE2	IV	Generic Elective – II #		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, Etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	20UCO5CC9	III	Core – IX	Income Tax Law & Practice	6	5	25	75	100
	20UCO5CC10		Core – X	Corporate Accounting	5	5	25	75	100
	20UCO5CC11		Core – XI	Company Law & Secretarial Practice	5	5	25	75	100
	20UCO5CC12		Core - XII	Business Intelligence	5	5	25	75	100
	20UCO5DE1A/B/C		DSE – I **		5	4	25	75	100
	20UCO5SE2AP/BP	IV	Skill Enhancement Course- II @		2	2	-	100	100
	20UCO5SE3AP/BP		Skill Enhancement Course- III @		2	2	-	100	100
	20UCO5EC1		Extra Credit Course – I	General Intelligence For Competitive Examinations	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	20UCO6CC13	III	Core– XIII	Management Accounting	5	5	25	75	100
	20UCO6CC14		Core– XIV	Financial Management	5	5	25	75	100
	20UCO6CC15		Core - XV	Entrepreneurial Development	5	5	25	75	100
	20UCO6CC16		Core XVI	Auditing - Principles & Practices	5	5	25	75	100
	20UCO6DE2 A/B/C		DSE II **		5	4	25	75	100
	20UCO6DE3 A/B/C		DSE III **		4	4	25	75	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UCO6EC2		Extra Credit Course – II	Consumer Behaviour	-	4*	--	100*	100*
	20UCOAECA		Extra Credit Course for All	Online Course	-	1*	--	-	-
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UCO3GE1	Commerce For Competitive Examinations
IV	20UCO4GE2	Services Marketing

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UCO5SE2AP	Office Automation – Practical
	20UCO5SE2BP	MS-Excel - Practical
	20UCO5SE3AP	Computerised Accounting – Practical
	20UCO5SE3BP	SPSS - Practical

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UCO5DE1A	Human Resource Management
	20UCO5DE1B	Logistics Management
	20UCO5DE1C	Corporate Finance
VI	20UCO6DE2A	Training & Development
	20UCO6DE2B	Retail Marketing
	20UCO6DE2C	Financial Market
	20UCO6DE3A	Industrial Relations
	20UCO6DE3B	Advertising & Salesmanship
	20UCO6DE3C	Fundamentals of Investment

B.Sc. COMPUTER SCIENCE

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS. HRS./ WEEK	CREDIT	CIA	ESE	TOTAL
I	20U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English – I		6	3	25	75	100
	20UCS1CC1		Core – I	Programming in C	5	5	25	75	100
	20UCS1CC2P	III	Core – II	C Programming Lab - Practical	3	2	20	80	100
	20UMA1AC1		Allied – I	Calculus and Differential Equations	5	4	25	75	100
	20UMA1AC2		Allied – II	Numerical Methods	3	2	25	75	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
II	20U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UCS2CC3		Core – III	Object Oriented Programming with C++	6	5	25	75	100
	20UCS2CC4P	III	Core – IV	C++ Programming Lab - Practical	3	2	20	80	100
	20UMA2AC3		Allied – III	Operations Research	4	3	25	75	100
	20UMA2AC4		Allied – IV	Statistics	3	2	25	75	100
	20UCN2SE1	IV	Skill Enhancement Course – I @	Soft Skills Development	2	2	100	-	100
				TOTAL	**30**	**20**			**700**
III	20U3LT3/LA3/ LF3/LH3/LU3	I	Language – III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UCS3CC5		Core – V	Database Management Systems	4	4	25	75	100
	20UCS3CC6P	III	Core – VI	RDBMS Lab - Practical	3	2	20	80	100
	20UPH3AC5		Allied – V	Electricity and Magnetism	4	3	25	75	100
	20UPH3AC6P		Allied – VI	Applied Physics I - Practical	3	2	20	80	100
	20UCS3GE1	IV	Generic Elective – I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	**30**	**21**			**800**
IV	20U4LT4/LA4/ LF4/LH4/LU4	I	Language – IV		6	3	25	75	100
	20UCN4LE4	II	English – IV		6	3	25	75	100
	20UCS4CC7		Core – VII	Java Programming	5	3	25	75	100
	20UCS4CC8P		Core – VIII (a)	Java Programming Lab - Practical	3	2	10	40	50
	20UCS4CC8 I	III	Core – VIII (b)	Internship	-	2	10	40	50
	20UPH4AC7		Allied – VII	Electronics	5	3	25	75	100
	20UPH4AC8P		Allied – VIII	Applied Physics II - Practical	3	2	20	80	100
	20UCS4GE2	IV	Generic Elective – II #		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	20UCS5CC9		Core – IX (a)	Web Technology	4	3	10	40	50
	20UCS5CC9P		Core – IX (b)	Web Technology Lab - Practical	2	2	10	40	50
	20UCS5CC10		Core – X	Data Structures and Algorithms	5	5	25	75	100
	20UCS5CC11	III	Core – XI	Computer Organization and Architecture	5	5	25	75	100
	20UCS5CC12		Core – XII	Operating Systems	5	5	25	75	100
	20UCS5DE1A/B		DSE – I **		5	4	25	75	100
	20UCS5SE2AP/BP	IV	Skill Enhancement Course-II @		2	2	-	100	100
	20UCS5SE3AP/BP		Skill Enhancement Course-III @		2	2	-	100	100
	20UCS5EC1		Extra Credit Course-I	General Intelligence for Competitive Examinations	-	4*	-	100*	100*
				TOTAL	**30**	**28**			**700**
VI	20UCS6CC13		Core – XIII	Computer Graphics and Multimedia	5	5	25	75	100
	20UCS6CC14		Core – XIV	Computer Networks	5	5	25	75	100
	20UCS6CC15		Core – XV	Microprocessor Fundamentals	5	5	25	75	100
	20UCS6CC16P1	III	Core – XVI (a)	Digital and Microprocessor Lab - Practical	3	3	10	40	50
	20UCS6CC16P2		Core – XVI (b)	Multimedia Lab - Practical	2	2	10	40	50
	20UCS6DE2A/B		DSE – II **		5	4	25	75	100
	20UCS6DE3AP/BP		DSE – III **		4	4	20	80	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UCS6EC2		Extra Credit Course – II	Computer Science for Competitive Examinations	-	4*	-	100*	100*
	20UCSAECA		Extra Credit Course for all	Online Course	-	1*	-	-	-
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UCS3GE1	Business Process Outsourcing
IV	20UCS4GE2	Web Design

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UCS5SE2AP	Software Testing Lab -Practical
	20UCS5SE2BP	VB .Net Lab –Practical
	20UCS5SE3AP	Data Structures Lab –Practical
	20UCS5SE3BP	Operating Systems Lab -Practical

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UCS5DE1A	Software Engineering
	20UCS5DE1B	VB.Net
VI	20UCS6DE2A	Open Source Technology
	20UCS6DE2B	Python Programming
	20UCS6DE3AP	Open Source Lab - Practical (20 + 80 = 100 Marks)
	20UCS6DE3BP	Python Programming Lab - Practical (20 + 80 = 100 Marks)

B.C.A.

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS.HRS/ WEEK	CREDIT	CIA	ESE	TOTAL
I	20U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UCA1CC1	III	Core – I	Programming in C	5	5	25	75	100
	20UCA1CC2P		Core – II	C Programming Lab - Practical	3	2	20	80	100
	20UCA1AC1		Allied –I	Numerical and Statistical Methods	5	4	25	75	100
	20UCA1AC2		Allied –II	Digital Electronics	3	2	25	75	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
II	20U2LT2/LA2/ LF2/ LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UCA2CC3	III	Core – III	Programming in C++	6	5	25	75	100
	20UCA2CC4P		Core – IV	C++ Programming Lab - Practical	3	2	20	80	100
	20UCA2AC3		Allied – III	Operations Research	4	3	25	75	100
	20UCA2AC4		Allied –IV	Entrepreneurship Development	3	2	25	75	100
	20UCN2SE1	IV	Skill Enhancement Course-I @	Soft Skills Development	2	2	100	-	100
				TOTAL	**30**	**20**			**700**
III	20U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UCA3CC5	III	Core– V	Java Programming	4	4	25	75	100
	20UCA3CC6P		Core– VI	Java Programming Lab - Practical	3	2	20	80	100
	20UCA3AC5		Allied– V	Principles of Accountancy	4	3	25	75	100
	20UCA3AC6P		Allied–VI	Accounting Package Lab - Practical	3	2	20	80	100
	20UCA3GE1	IV	Generic Elective – I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	**30**	**21**			**800**
IV	20U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UCA4CC7	III	Core– VII	Data Structures	5	5	25	75	100
	20UCA4CC8		Core - VIII	Multimedia and its Applications	3	2	25	75	100
	20UCA4AC7		Allied– VII	Scripting Languages	5	3	25	75	100
	20UCA4AC8P		Allied–VIII	Scripting Languages Lab - Practical	3	2	20	80	100
	20UCA4GE2	IV	Generic Elective – II #		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	20UCA5CC9	III	Core – IX	Operating Systems	6	5	25	75	100
	20UCA5CC10		Core – X	Database Management Systems	5	5	25	75	100
	20UCA5CC11		Core – XI	Python Programming	5	5	25	75	100
	20UCA5CC12P1		Core - XII (a)	RDBMS Lab - Practical	2	2	10	40	50
	20UCA5CC12P2		Core - XII (b)	Python Programming Lab - Practical	3	3	10	40	50
	20UCA5DE1A/B		DSE – I **		5	4	25	75	100
	20UCA5SE2AP/BP	IV	Skill Enhancement Course – II @		2	2	-	100	100
	20UCA5SE3AP/BP		Skill Enhancement Course-III @		2	2	-	100	100
	20UCA5EC1		Extra Credit Course - I	General Intelligence for competitive examinations	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	20UCA6CC13	III	Core– XIII	Data Communications and Networking	5	5	25	75	100
	20UCA6CC14		Core– XIV	Internet of Things	5	5	25	75	100
	20UCA6CC15		Core - XV	Software Engineering	5	5	25	75	100
	20UCA6CC16P		Core - XVI	Software Development Lab- Practical	5	5	20	80	100
	20UCA6DE2A/B		DSE – II **		5	4	25	75	100
	20UCA6DE3AP/BP		DSE – III **		4	4	20	80	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UCA6EC2		Extra Credit Course - II	Computer Applications for competitive examinations	-	4*	--	100*	100*
	20UCAAECA		Extra Credit Course for all	Online Course	-	1*	--		
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UCA3GE1	Office Automation
IV	20UCA4GE2	Image Editing Tools

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UCA5SE2AP	VB .Net Lab - Practical
	20UCA5SE2BP	C# .Net Programming Lab – Practical
	20UCA5SE3AP	Data Analytics Tool – Practical
	20UCA5SE3BP	Software Testing Tools - Practical

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UCA5DE1A	VB .Net
	20UCA5DE1B	C# .Net Programming
VI	20UCA6DE2A	PHP Programming
	20UCA6DE2B	R Programming
	20UCA6DE3AP	PHP Programming Lab - Practical (20 + 80 = 100 Marks)
	20UCA6DE3BP	R Programming Lab - Practical (20 + 80 = 100 Marks)

B.Sc. INFORMATION TECHNOLOGY

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS.HRS /WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20U1LT1/LA1/LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UIT1CC1	III	Core – I	Programming Foundations	5	5	25	75	100
	20UIT1CC2P		Core – II	C Programming Lab - Practical	3	2	20	80	100
	20UIT1AC1		Allied –I	Numerical Methods And Statistics	5	4	25	75	100
	20UIT1AC2		Allied–II	Entrepreneurship Development	3	2	25	75	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
II	20U2LT2/LA2/LF2/LH2/LU2	I	Language– II		6	3	25	75	100
	20UCN2LE2	II	English– II		6	3	25	75	100
	20UIT2CC3	III	Core– III	C++ Programming	6	5	25	75	100
	20UIT2CC4P		Core –IV	C++ Programming Lab - Practical	3	2	20	80	100
	20UIT2AC3		Allied – III	Optimization Techniques	4	3	25	75	100
	20UIT2AC4		Allied–IV	Digital Logics	3	2	25	75	100
	20UCN2SE1	IV	Skill Enhancement Course-I@	Soft Skills Development	2	2	100	-	100
				TOTAL	**30**	**20**			**700**
III	20U3LT3/LA3/LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UIT3CC5	III	Core– V	Data Structures	4	4	25	75	100
	20UIT3CC6P		Core– VI	Data Structures Lab - Practical	3	2	20	80	100
	20UIT3AC5		Allied– V	Java Programming	4	3	25	75	100
	20UIT3AC6P		Allied–VI	Java Programming Lab - Practical	3	2	20	80	100
	20UIT3GE1	IV	Generic Elective – I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	**30**	**21**			**800**
IV	20U4LT4/LA4/LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UIT4CC7	III	Core– VII (a)	RDBMS	5	3	10	40	50
	20UIT4CC7 I		Core – VII (b)	Internship	-	2	10	40	50
	20UIT4CC8P		Core - VIII	MYSQL LAB - Practical	3	2	20	80	100
	20UIT4AC7		Allied– VII	Linux Basics	5	3	25	75	100
	20UIT4AC8P		Allied–VIII	Shell Programming Lab - Practical	3	2	20	80	100
	20UIT4GE2	IV	Generic Elective – II #		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	20UIT5CC9	III	Core – IX (a)	Web Programming	4	3	10	40	50
	20UIT5CC9P		Core – IX (b)	Web Programming Lab - Practical	2	2	10	40	50
	20UIT5CC10		Core – X	Operating System	5	5	25	75	100
	20UIT5CC11		Core – XI	Python Programming	5	5	25	75	100
	20UIT5CC12		Core - XII(a)	Multimedia	3	3	10	40	50
	20UIT5CC12P		Core - XII(b)	Python Programming Lab - Practical	2	2	10	40	50
	20UIT5DE1A/B		DSE – I **		5	4	25	75	100
	20UIT5SE2AP/BP	IV	Skill Enhancement Course-II@		2	2	-	100	100
	20UIT5SE3AP/BP		Skill Enhancement Course-III@		2	2	-	100	100
	20UIT5EC1		Extra Credit Course – I	General Intelligence for competitive examinations	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	20UIT6CC13	III	Core– XIII	Computer Networks	5	5	25	75	100
	20UIT6CC14		Core– XIV	PHP Programming	5	5	25	75	100
	20UIT6CC15		Core - XV	Cyber Forensics	5	5	25	75	100
	20UIT6CC16P1		Core - XVI (A)	Document Process Tools Lab - Practical	2	2	10	40	50
	20UIT6CC16P2		Core - XVI (B)	PHP Programming Lab - Practical	3	3	10	40	50
	20UIT6DE2A/B		DSE – II **		5	4	25	75	100
	20UIT6DE3AP/BP		DSE – III **		4	4	20	80	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UIT6EC2		Extra Credit Course - II	Information Technology for competitive examinations	-	4*	--	100*	100*
	20UITAECA		Extra Credit course for All	Online Course	-	1*	--	-	-
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UIT3GE1	Fundamentals of IT
IV	20UIT4GE2	IT Infrastructure Management

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UIT5SE2AP	Software Testing Lab – Practical
	20UIT5SE2BP	VB.Net lab – Practical
	20UIT5SE3AP	System Programming Lab – Practical
	20UIT5SE3BP	Animation Lab - Practical

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE	
V	20UIT5DE1A	Software Engineering	
	20UIT5DE1B	VB.Net	
VI	20UIT6DE2A	Data Mining	
	20UIT6DE2B	R Programming	
	20UIT6DE3AP	Datamining using Weka Lab – Practical	(20 + 80 = 100 Marks)
	20UIT6DE3BP	R Programming Lab – Practical	(20 + 80 = 100 Marks)

B.A. ECONOMICS

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS.HRS/ WEEK	CREDIT	CIA	ESE	TOTAL
I	20U1LT1/LA1/LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UEC1CC1		Core – I	Indian Economy - I	4	4	25	75	100
	20UEC1CC2	III	Core – II	Micro Economic Analysis – I	4	3	25	75	100
	20UEC1AC1		Allied –I	Economic Statistics - I	4	3	25	75	100
	20UEC1AC2		Allied –II	Marketing	4	3	25	75	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
II	20U2LT2/LA2/LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UEC2CC3		Core – III	Indian Economy - II	5	4	25	75	100
	20UEC2CC4		Core – IV	Micro Economic Analysis – II	4	3	25	75	100
	20UEC2AC3		Allied – III	Economic Statistics - II	4	3	25	75	100
	20UEC2AC4P	III	Allied –IV	Computer Applications in Economics - Practical	3	2	20	80	100
	20UCN2SE1	IV	Skill Enhancement Course - I @	Soft Skills Development	2	2	100	-	100
				TOTAL	**30**	**20**			**700**
III	20U3LT3/LA3/LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UEC3CC5		Core– V	Micro Economic Analysis – III	4	4	25	75	100
	20UEC3CC6		Core– VI	Industrial Economics	3	2	25	75	100
	20UEC3AC5	III	Allied– V	Mathematical Applications in Economics	4	3	25	75	100
	20UEC3AC6		Allied–VI	Human Resource Management	3	2	25	75	100
	20UEC3GE1	IV	Generic Elective I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	**30**	**21**			**800**
IV	20U4LT4/LA4/LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UEC4CC7		Core– VII	Monetary Economics	4	4	25	75	100
	20UEC4CC8	III	Core - VIII	Economic Systems	4	3	25	75	100
	20UEC4AC7		Allied– VII	Financial Economics	4	3	25	75	100
	20UEC4AC8		Allied–VIII	Econometrics	4	2	25	75	100
	20UEC4GE2	IV	Generic Elective - II #		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	20UEC5CC9		Core – IX	History of Economic Thought	6	5	25	75	100
	20UEC5CC10		Core – X	Macro Economics – I	5	5	25	75	100
	20UEC5CC11	III	Core – XI	International Economics – I	5	5	25	75	100
	20UEC5CC12		Core - XII	Fiscal Economics - I	5	5	25	75	100
	20UEC5DE1A/B		DSE – I **		5	4	25	75	100
	20UEC5SE2A/B	IV	Skill Enhancement Course II @		2	2	-	100	100
	20UEC5SE3AP/BP		Skill Enhancement Course – III @		2	2	-	100	100
	20UEC5EC1		Extra Credit Course - I	General Intelligence for competitive examinations	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	20UEC6CC13		Core– XIII	Macro Economics – II	5	5	25	75	100
	20UEC6CC14		Core– XIV	International Economics – II	5	5	25	75	100
	20UEC6CC15	III	Core - XV	Fiscal Economics - II	5	5	25	75	100
	20UEC6CC16		Core XVI	Economics of Growth and Development	5	5	25	75	100
	20UEC6DE2A/B		DSE II **		5	4	25	75	100
	20UEC6DE3A/B		DSE III **		4	4	25	75	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UEC6EC2		Extra Credit Course - II	Economics for Competitive Examinations	-	4*	--	100*	100*
	20UECAECA		Extra Credit Course for all	Online Course	-	1*	--	-	-
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UEC3GE1	Elements of Economics
IV	20UEC4GE2	General Economics

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UEC5SE2A	Accountancy
	20UEC5SE2B	Principles of Insurance
	20UEC5SE3AP	Accounting Packages – Practical
	20UEC5SE3BP	Web Designing - Practical

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UEC5DE1A	Entrepreneurial Development
	20UEC5DE1B	Health Economics
VI	20UEC6DE2A	Environmental Economics
	20UEC6DE2B	Banking Theory Law and Practice
	20UEC6DE3A	Managerial Economics
	20UEC6DE3B	Rural Economics

B.A. ENGLISH

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS. HOURS/ WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I	English for Effective Communication-I	6	3	25	75	100
	20UEN1CC1	III	Core Course – I	Prose	4	4	25	75	100
	20UEN1CC2		Core Course – II	Short Stories	4	3	25	75	100
	20UEN1AC1		Allied Course –I	Social History of England - I	4	3	25	75	100
	20UEN1AC2		Allied Course –II	History of English Literature - I	4	3	25	75	100
	20UCN1AE1	IV	AEC – I	Value Education	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
II	20U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II	English for Effective Communication-II	6	3	25	75	100
	20UEN2CC3	III	Core Course – III	Poetry – I	5	4	25	75	100
	20UEN2CC4		Core Course – IV	Fiction – I	4	3	25	75	100
	20UEN2AC3		Allied Course – III	Social History of England - II	4	3	25	75	100
	20UEN2AC4		Allied Course – IV	History of English Literature - II	3	2	25	75	100
	20UCN2SE1	IV	Skill Enhancement Course – I @	Soft Skills Development	2	2	100	-	100
				TOTAL	**30**	**20**			**700**
III	20U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III	Poetry and Drama	6	3	25	75	100
	20UEN3CC5	III	Core Course – V	Modern Prose	4	4	25	75	100
	20UEN3CC6		Core Course – VI	Fiction – II	3	2	25	75	100
	20UEN3AC5		Allied Course – V	Literary Forms	4	3	25	75	100
	20UEN3AC6		Allied Course – VI	Grammar and Usage	3	2	25	75	100
	20UEN3GE1	IV	Generic Elective - I #		2	2	-	100	100
	20UCN3AE2		AEC - II	Environmental Studies	2	2	100	-	100
				TOTAL	**30**	**21**			**800**
IV	20U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV	English for Enrichment	6	3	25	75	100
	20UEN4CC7	III	Core Course - VII	Poetry – II	4	4	25	75	100
	20UEN4CC8		Core Course - VIII	Rabindranath Tagore-An In-depth Study	4	3	25	75	100
	20UEN4AC7		Allied Course - VII	Language and Linguistics	4	3	25	75	100
	20UEN4AC8		Allied Course - VIII	Journalism	4	2	25	75	100
	20UEN4GE2	IV	Generic Elective – II #		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	20UEN5CC9	III	Core Course – IX	Drama – I	6	5	25	75	100
	20UEN5CC10		Core Course – X	Literary Criticism - I	5	5	25	75	100
	20UEN5CC11		Core Course – XI	Indian Writing in English	5	5	25	75	100
	20UEN5CC12		Core Course - XII	History of English Language and Phonetics	5	5	25	75	100
	20UEN5DE1A/B		DSE- I **		5	4	25	75	100
	20UEN5SE2A/B	IV	Skill Enhancement Course-II@		2	2	-	100	100
	20UEN5SE3A/B		Skill Enhancement Course – III @		2	2	-	100	100
	20UEN5EC1		Extra Credit Course - I	General Intelligence for competitive examinations	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	20UEN6CC13	III	Core Course – XIII	Literary Criticism – II	5	5	25	75	100
	20UEN6CC14		Core Course – XIV	Drama – II	5	5	25	75	100
	20UEN6CC15		Core Course - XV	American Literature	5	5	25	75	100
	20UEN6CC16		Core Course - XVI	Shakespeare	5	5	25	75	100
	20UEN6DE2A/B		DSE - II **		5	4	25	75	100
	20UEN6DE3A/B		DSE - III **		4	4	25	75	100
	20UCN6AE3	IV	AEC – III	Gender Studies	1	1	100	-	100
	20UEN6EC2		Extra Credit Course - II	English For Competitive Examinations	-	4*	--	100*	100*
	20UENAECA		Extra Credit Course for all	Online Course	-	1*	--	-	-
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UEN3GE1	Remedial English
IV	20UEN4GE2	English for Employability Skills

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UEN5SE2A	Personality Development
	20UEN5SE2B	English for Mass Communication
	20UEN5SE3A	English Conversation Practice
	20UEN5SE3B	English for Business

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UEN5DE1A	English Language Teaching
	20UEN5DE1B	Perspectives of Environment in Literature
VI	20UEN6DE2A	Children's Literature
	20UEN6DE2B	Commonwealth Literature
	20UEN6DE3A	Classics in Translation
	20UEN6DE3B	Translation Theory and Practice

B.Sc. FASHION TECHNOLOGY AND COSTUME DESIGNING

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Ins.Hrs /Week	CREDIT	CIA	ESE	TOTAL
I	20U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UFT1CC1	III	Core – I	Fashion Designing	5	5	25	75	100
	20UFT1CC2P		Core – II	Fashion Illustration I– Practical	3	2	20	80	100
	20UFT1AC1		Allied –I	Basic Garment Construction	5	4	25	75	100
	20UFT1AC2P		Allied –II	Basic Garment Construction-Practical	3	2	20	80	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
II	20U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UFT2CC3	III	Core – III	Textile Science	6	5	25	75	100
	20UFT2CC4P		Core – IV	Fashion Illustration II – Practical	3	2	20	80	100
	20UFT2AC3P		Allied – III	Pattern Making - Practical	4	3	20	80	100
	20UFT2AC4		Allied –IV	Garment Manufacturing Technology	3	2	25	75	100
	20UCN2SE1	IV	Skill Enhancement Course-I @	Soft Skills Development	2	2	100	-	100
				TOTAL	**30**	**20**			**700**
III	20U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UFT3CC5	III	Core– V	Indian Traditional Costumes and Embroidery	4	4	25	75	100
	20UFT3CC6P		Core– VI	Garment Construction for Children-Practical	3	2	20	80	100
	20UFT3AC5		Allied– V	Fabric Structure	4	3	25	75	100
	20UFT3AC6P		Allied–VI	Fabric Structure – Practical	3	2	20	80	100
	20UFT3GE1P	IV	Generic Elective I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	**30**	**21**			**800**
IV	20U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UFT4CC7P	III	Core– VII	Fashion Photography – Practical	5	5	20	80	100
	20UFT4CC8		Core - VIII	Fashion Clothing Psychology	3	2	25	75	100
	20UFT4AC7		Allied– VII	Knitting	5	3	25	75	100
	20UFT4AC8P		Allied–VIII	Fashion Draping - Practical	3	2	20	80	100
	20UFT4GE2P	IV	Generic Elective – II #		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	100
				TOTAL	**30**	**21**			**700**
V	20UFT5CC9	III	Core – IX	Wet Processing	6	5	25	75	100
	20UFT5CC10P		Core – X	Wet Processing – Practical	5	5	20	80	100
	20UFT5CC11P		Core – XI	Garment Construction for Adult-Practical	5	5	20	80	100
	20UFT5CC12		Core - XII	Internship	5	5	25	75	100
	20UFT5DE1A/B		DSE – I **		5	4	25	75	100
	20UFT5SE2AP/BP	IV	Skill Enhancement Course-II @		2	2	-	100	100
	20UFT5SE3A/B		Skill Enhancement Course-III@		2	2	-	100	100
	20UFT5EC1		Extra Credit Course - I	General Intelligence for Competitive Examinations	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	20UFT6CC13	III	Core– XIII	Textile Testing	5	5	25	75	100
	20UFT6CC14P		Core– XIV	Textile Testing– Practical	5	5	20	80	100
	20UFT6CC15P		Core - XV	Computer Aided Designing-Practical	5	5	20	80	100
	20UFT6CC16P		Core - XVI	Fashion Portfolio Presentation-Practical	5	5	20	80	100
	20UFT6DE2A/B		DSE - II **		5	4	25	75	100
	20UFT6DE3A/B		DSE - III **		4	4	25	75	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UFT6EC2		Extra Credit Course - II	Fashion Technology for Competitive Examinations	-	4*	--	100*	100*
	20UFTAECA		Extra Credit Course for all	Online Course	-	1*	--	-	-
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UFT3GE1P	Hand Embroidery – Practical
IV	20UFT4GE2P	Painting Techniques – Practical

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UFT5SE2AP	Surface Embellishment - Practical
	20UFT5SE2BP	Accessories Making – Practical
	20UFT5SE3A	Textile Science
	20UFT5SE3B	Textile Dyeing

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UFT5DE1A	Garment Quality and Cost Control
	20UFT5DE1B	Home Science
VI	20UFT6DE2A	National and International Marketing
	20UFT6DE2B	Interior Decoration
	20UFT6DE3A	Apparel Merchandising
	20UFT6DE3B	Costumes and Personal Appearance

B.Voc. APPAREL AND FASHION DESIGN

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS HOURS	CREDITS	MARKS		
							CIA	ESE	TOTAL
I	20B1LT1/ 20B1LBT1	I	General		30	2	25	75	100
	20BCN1LE1	II	General		30	2	25	75	100
	18BAF1C1		General	Apparel Designing and Clothing Psychology	45	3	25	75	100
	18BAF1C2		General	Sewing Techniques	45	3	25	75	100
	18BAF1C3P	III	Skill	Apparel Designing and Sketching - Practical	90	6	20	80	100
	18BAF1C4P		Skill	Sewing Techniques - Practical	90	6	20	80	100
	18BAF1C5I		Skill	Internship	180	6	20	80	100
	20BCN1AE1	IV	General	Value Education	30	2	100	-	100
				TOTAL	**540**	**30**			**800**
II	20B2LT2 /20B2LBT2	I	General		30	2	25	75	100
	20BCN2LE2	II	General		30	2	25	75	100
	18BAF2C6		General	Apparel Technology and Entrepreneurship	45	3	25	75	100
	18BAF2C7		General	Fiber to Fabric	45	3	25	75	100
	18BAF2C8P	III	Skill	Apparel Designing for Girl's Wear – Practical	90	6	20	80	100
	18BAF2C9P		Skill	Computer Aided Fashion Designing – Practical	90	6	20	80	100
	18BAF2C10I		Skill	Internship	180	6	20	80	100
	20BCN2SE1	IV	General	Soft Skills Development	30	2	100	-	100
				TOTAL	**540**	**30**			**800**
III	18BAF3C11		General	Fabric Manufacturing Technology	60	4	25	75	100
	18BAF3C12		General	Fabric Structure and Design	45	3	25	75	100
	18BAF3C13		General	Chronicles of Textiles and Costumes	45	3	25	75	100
	18BAF3C14P	III	Skill	Apparel Designing for Boy's Wear - Practical	75	5	20	80	100
	18BAF3C15P		Skill	Fabric Structure and Design - Practical	60	4	20	80	100
	18BAF3C16P		Skill	Hand Embroidery - Practical	45	3	20	80	100
	18BAF3C17I		Skill	Internship	180	6	20	80	100
	20BCN3AE2	IV	General	Environmental Studies	30	2	100	-	100
				TOTAL	**540**	**30**			**800**
IV	18BAF4C18		General	Textile Wet Processing	60	4	25	75	100
	18BAF4C19		General	Export Trade	60	4	25	75	100
	18BAF4C20		General	Apparel Merchandising and Marketing	45	3	25	75	100
	18BAF4C21P	III	Skill	Apparel Designing for Women's Wear – Practical	75	5	20	80	100
	18BAF4C22P		Skill	Textile Wet Processing - Practical	60	4	20	80	100
	18BAF4C23P		Skill	Accessories Making - Practical	45	3	20	80	100
	18BAF4C24I		Skill	Internship	180	6	20	80	100
	20BCN4AE3	IV	General	Gender Studies	15	1	100	-	100
				TOTAL	**540**	**30**			**800**
V	18BAF5C25		General	Garment Quality and Cost Control	60	4	25	75	100
	18BAF5C26		General	Textile Testing	60	4	25	75	100
	18BAF5C27		General	Apparel Home Furnishing	60	4	25	75	100
	18BAF5C28P	III	Skill	Apparel Designing for Men's Wear – Practical	75	5	20	80	100
	18BAF5C29P		Skill	Textile Testing - Practical	60	4	20	80	100
	18BAF5C30P		Skill	Apparel Home Furnishing - Practical	45	3	20	80	100
	18BAF5C31I		Skill	Internship	180	6	20	80	100
				TOTAL	**540**	**30**			**700**
VI	18BAF6C32		General	Visual Merchandising	60	4	25	75	100
	18BAF6C33		General	Wardrobe Planning and Fabric Care	60	4	25	75	100
	18BAF6C34		General	Home Science	60	4	25	75	100
	18BAF6C35P	III	Skill	Apparel Draping - Practical	75	5	20	80	100
	18BAF6C36P		Skill	Aari Embroidery – Practical	60	4	20	80	100
	18BAF6C37P		Skill	Fabric Painting - Practical	45	3	20	80	100
	18BAF6C38I		Skill	Internship	180	6	20	80	100
				TOTAL	**540**	**30**			**700**
				GRAND TOTAL	**3240**	**180**			**4600**

* Not Considered for Grand Total and CGPA

B.A. HISTORY

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS.HRS/ WEEK	CREDIT	CIA	ESE	TOTAL
I	20U1LT1/LA1/ LF1/ LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UHS1CC1	III	Core – I	History of India upto 647 A.D.	4	4	25	75	100
	20UHS1CC2		Core – II	History of Tamil Nadu upto 850 A.D.	4	3	25	75	100
	20UHS1AC1		Allied –I	Outlines of Political Theory	4	3	25	75	100
	20UHS1AC2		Allied –II	Human Rights	4	3	25	75	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
			TOTAL		**30**	**21**			**700**
II	20U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UHS2CC3	III	Core – III	History of India from 647 A.D. to 1526 A.D.	5	4	25	75	100
	20UHS2CC4		Core – IV	History of Tamil Nadu from 850 A.D.to 1529 A.D.	4	3	25	75	100
	20UHS2AC3		Allied – III	Indian Geography	4	3	25	75	100
	20UHS2AC4		Allied –IV	Journalism	3	2	25	75	100
	20UCN2SE1	IV	Skill Enhancement Courses-I @	Soft Skills Development	2	2	100	-	100
			TOTAL		**30**	**20**			**700**
III	20U3LT3/LA3/ LF3/ LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UHS3CC5	III	Core– V	History of India from 1526 A.D. to 1707 A.D.	4	4	25	75	100
	20UHS3CC6		Core– VI	History of Tamil Nadu from 1529 A.D to1800 A.D	3	2	25	75	100
	20UHS3AC5		Allied– V	Basics of Tourism	4	3	25	75	100
	20UHS3AC6		Allied–VI	Public Administration	3	2	25	75	100
	20UHS3GE1	IV	Generic Elective-I#		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
			TOTAL		**30**	**21**			**800**
IV	20U4LT4/LA4/ LF4/ LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UHS4CC7		Core– VII	History of India from 1707 A.D. to 1885 A.D.	4	4	25	75	100
	20UHS4CC8	III	Core - VIII	History of Tamil Nadu from1800 A.D to 1987A.D.	4	3	25	75	100
	20UHS4AC7		Allied– VII	Archaeology	4	3	25	75	100
	20UHS4AC8		Allied–VIII	Panchayat Raj	4	2	25	75	100
	20UHS4GE2	IV	Generic Elective-II#		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
			TOTAL		**30**	**21**			**700**
V	20UHS5CC9		Core – IX	History of India from 1885 A.D. to 1947 A.D.	6	5	25	75	100
	20UHS5CC10		Core – X	History of Arabs upto 1258 A.D.	5	5	25	75	100
	20UHS5CC11	III	Core – XI	Modern History of China and Japan	5	5	25	75	100
	20UHS5CC12		Core - XII	History of Europe from 1789 A.D. to 1919 A.D.	5	5	25	75	100
	20UHS5DE1A/B		DSE – I**		5	4	25	75	100
	20UHS5SE2A/B	IV	Skill Enhancement Courses II @		2	2	-	100	100
	20UHS5SE3A/B		Skill Enhancement Courses - III@		2	2	-	100	100
	20UHS5EC1		Extra Credit Course-I	General Intelligence for Competitive Examinations	-	4*	--	100*	100*
			TOTAL		**30**	**28**			**700**
VI	20UHS6CC13		Core– XIII	History of India from 1947 A.D. to 2014 A.D.	5	5	25	75	100
	20UHS6CC14		Core– XIV	History of Europe 1919 A.D. to 1990 A.D.	5	5	25	75	100
	20UHS6CC15		Core - XV	History of USA from 1865 A.D. to 1964 A.D.	5	5	25	75	100
	20UHS6CC16	III	Core XVI	History of Science and Technology	5	5	25	75	100
	20UHS6DE2A/B		DSE II **		5	4	25	75	100
	20UHS6DE3A/B		DSE III **		4	4	25	75	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UHS6EC2		Extra Credit Course-II	History for Competitive Examinations	-	4*	--	100*	100*
	20UHSAECA		Extra Credit Course for All	Online Course	-	1*	--	-	-
			TOTAL		**30**	**29**			**700**
			GRAND TOTAL		**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UHS3GE1	Indian History for Competitive Examinations-I
IV	20UHS4GE2	Indian History for Competitive Examinations-II

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UHS5SE2A	Indian Epigraphy
	20UHS5SE2B	Eco Tourism
	20UHS5SE3A	Tourism in Tiruchirappalli
	20UHS5SE3B	Archives Keeping

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UHS5DE1A	Makers of Modern India
	20UHS5DE1B	Cultural Tourism in India
VI	20UHS6DE2A	History of Tiruchirappalli
	20UHS6DE2B	Methods of Teaching History
	20UHS6DE3A	An Introduction to Sociology
	20UHS6DE3B	Introduction to Museology

B.Sc. HOTEL MANAGEMENT & CATERING SCIENCE

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS.HRS /WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UHM1CC1	III	Core – I	Basics of Cookery	5	5	25	75	100
	20UHM1CC2		Core – II	Foundation Course in Food and Beverage Service	3	2	25	75	100
	20UHM1AC1		Allied –I	Front Office Operations	5	4	25	75	100
	20UHM1AC2P		Allied –II	Basics of Food Production - Practical	3	2	20	80	100
	20UCN1AE1	IV	AEC - I	Value Education	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
II	20U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UHM2CC3	III	Core – III	Housekeeping Operations	6	5	25	75	100
	20UHM2CC4P		Core – IV	Foundation Course in Food and Beverage Service -Practical	3	2	20	80	100
	20UHM2AC3P		Allied – III	Front Office Operations - Practical	4	3	20	80	100
	20UHM2AC4		Allied –IV	Principles of Management	3	2	25	75	100
	20UCN2SE1	IV	Skill Enhancement Course – I@	Soft Skills Development	2	2	100	-	100
				TOTAL	**30**	**20**			**700**
III	20U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UHM3CC5	III	Core– V	Asian Cookery	4	4	25	75	100
	20UHM3CC6P		Core– VI	Asian Cuisine - Practical	3	2	20	80	100
	20UHM3AC5		Allied– V	Room Division Management	4	3	25	75	100
	20UHM3AC6P		Allied–VI	Housekeeping Operations - Practical	3	2	20	80	100
	20UHM3GE1A/B	IV	Generic Elective – I #		2	2	-	100	100
	20UCN3AE2		AEC - II	Environmental Studies	2	2	100	-	100
				TOTAL	**30**	**21**			**800**
IV	20U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UHM4CC7	III	Core– VII	European Cookery	5	5	25	75	100
	20UHM4CC8P		Core - VIII	European Cuisine - Practical	3	2	20	80	100
	20UHM4AC7		Allied– VII	Specialized Food and Beverage Service	5	3	25	75	100
	20UHM4AC8		Allied–VIII	Nutrition and Food Science	3	2	25	75	100
	20UHM4GE2A/B	IV	Generic Elective – II #		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	20UHM5CC9I	III	Core – IX	Internship and Training Report	6	5	20	80	100
	20UHM5CC10		Core – X	Tourism Management	5	5	25	75	100
	20UHM5CC11		Core – XI	Bakery and Confectionary	5	5	25	75	100
	20UHM5CC12P		Core - XII	Specialized Food and Beverage Service - Practical	5	5	20	80	100
	20UHM5DE1A/B		DSE–I**		5	4	25	75	100
	20UHM5SE2A/B	IV	Skill Enhancement Course– II @		2	2	-	100	100
	20UHM5SE3A/B		Skill Enhancement Course-III @		2	2	-	100	100
	20UHM5EC1		Extra Credit Course - I	General Intelligence for Competitive Examinations	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	20UHM6CC13	III	Core– XIII	Maintenance Operations of Hotel	5	5	25	75	100
	20UHM6CC14		Core– XIV	Food and Beverage Management	5	5	25	75	100
	20UHM6CC15		Core - XV	Hotel Accounts	5	5	25	75	100
	20UHM6CC16P		Core - XVI	Bakery and Confectionary - Practical	5	5	20	80	100
	20UHM6DE2A/B		DSE - II**		5	4	25	75	100
	20UHM6DE3A/B		DSE - III**		4	4	25	75	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UHM6EC2		Extra Credit Course-II	Hotel Management for Competitive Examination	-	4*	-	100*	100*
	20UHMAECA		Extra Credit Course for all	Online Course	-	1*	-	-	-
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**	**-**	**-**	**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UHM3GE1A	Basic Front Desk Operation
	20UHM3GE1B	Basic Food Production
IV	20UHM4GE2A	Basic Baking
	20UHM4GE2B	Basic Restaurant Operations

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UHM5SE2A	India Tourism Facts for Competitive Examinations
	20UHM5SE2B	Tourism Planning
	20UHM5SE3A	Entrepreneurship in Tourism & Hospitality Industry
	20UHM5SE3B	Resort Management

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UHM5DE1A	Hospitality Marketing
	20UHM5DE1B	Tourism Principles and Practices
VI	20UHM6DE2A	Human Resource Management
	20UHM6DE2B	Food Preservation
	20UHM6DE3AP	Computer Application in Hospitality Services – Practical (20 + 80 = 100 Marks)
	20UHM6DE3B	Travel Agency & Tour Operations

B.Voc. TOURISM AND HOSPITALITY MANAGEMENT

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS HOURS	CREDITS	CIA	ESE	TOTAL
I	20B1LT1/ 20B1LBT1	I	General		30	2	25	75	100
	20BCN1LE1	II	General		30	2	25	75	100
	20BTH1CC1	III	General	Introduction to Tourism Industry	45	3	25	75	100
	20BTH1CC2	III	General	Fundamentals of Hospitality Operations	45	3	25	75	100
	20BTH1CC3	III	General	Basic Front Office Operations	90	6	25	75	100
	20BTH1CC4P	III	Skill	Front Office Functions and Procedures-Practical	180	6	20	80	100
	20BTH1IN	III	Skill	Front Office Internship	180	6	20	80	100
	20BCN1AE1	IV	General	Value Education	30	2	100	-	100
				TOTAL	**630**	**30**			**800**
	Exit Qualification: Certificate			**NSQF Level: 4**		**Exit Qualification Pack: Front Office Associate (THC/Q0102)**				
II	20B2LT2/ 20B2LBT2	I	General		30	2	25	75	100
	20BCN2LE2	II	General		30	2	25	75	100
	20BTH2CC5	III	General	Tourism Products	45	3	25	75	100
	20BTH2CC6	III	General	Principles of Management	45	3	25	75	100
	20BTH2CC7	III	General	Housekeeping Operations	90	6	25	75	100
	20BTH2CC8P	III	Skill	Housekeeping Operations of Hotel - Practical	180	6	20	80	100
	20BTH2IN	III	Skill	Housekeeping Internship	180	6	20	80	100
	20BCN2SE1	IV	General	Soft Skills	30	2	100	-	100
				TOTAL	**630**	**30**			**800**
	Exit Qualification: Diploma			**NSQF Level: 5**		**Exit Qualification Pack: Housekeeping Executive (THC/Q0208)**				
III	20BTH3CC9	III	General	Travel Geography	30	2	25	75	100
	20BTH3CC10	III	General	Basics of Food Production	45	3	25	75	100
	20BTH3CC11	III	General	Food and Beverage Service	45	3	25	75	100
	20BTH3CC12	III	General	Tourism Transport Operations	30	2	25	75	100
	20BTH3CC13	III	General	Tour Packaging and Itinerary Planning	90	6	25	75	100
	20BTH3CC14P	III	Skill	Tour Operations - Practical	180	6	20	80	100
	20BTH3IN	III	Skill	Travel and Tour Services Internship - I	180	6	20	80	100
	20BCN3AE2	IV	General	Environmental Studies	30	2	100	-	100
				TOTAL	**630**	**30**			**800**
IV	20BTH4CC15	III	General	Tourism Marketing	30	2	25	75	100
	20BTH4CC16	III	General	Advanced Food Production Operations	45	3	25	75	100
	20BTH4CC17	III	General	Tourism Ethics, Laws and Regulations	45	3	25	75	100
	20BTH4CC18	III	General	Tourism and Hospitality Entrepreneurship	45	3	25	75	100
	20BTH4CC19	III	General	Tour Guiding and Escorting	90	6	25	75	100
	20BTH4CC20P	III	Skill	Indian Cuisine - Practical	180	6	20	80	100
	20BTH4IN	III	Skill	Travel and Tour Services Internship - II	180	6	20	80	100
	20 BCN4AE3	IV	General	Gender Studies	15	1	100	-	100
				TOTAL	**630**	**30**			**800**
	Exit Qualification: Advance Diploma			**NSQF Level: 6**		**Exit Qualification Pack: Tour Manager (THC/Q4405)**				
V	20BTH5CC21	III	General	Business Research Methods	45	3	25	75	100
	20BTH5CC22	III	General	Event Management	45	3	25	75	100
	20BTH5CC23	III	General	Customer Relationship Management	45	3	25	75	100
	20BTH5CC24	III	General	Human Resource Management	45	3	25	75	100
	20BTH5CC25	III	General	Food Production Management	90	6	25	75	100
	20BTH5CC26P	III	Skill	European Cuisine - Practical	180	6	20	80	100
	20BTH5IN	III	Skill	Food Production Internship - I	180	6	20	80	100
				TOTAL	**630**	**30**			**700**
VI	20BTH6CC27	III	General	Ecotourism	45	3	25	75	100
	20BTH6CC28	III	General	Managerial Accounts and Finance in Tourism	45	3	25	75	100
	20BTH6CC29	III	General	Organisational Behaviour	45	3	25	75	100
	20BTH6CC30	III	General	India Tourism facts for Competitive Examinations	45	3	25	75	100
	20BTH6CC31	III	General	Airfares and Ticketing	90	6	25	75	100
	20BTH6CC32P	III	Skill	International Cuisine - Practical	180	6	20	80	100
	20BTH6IN	III	Skill	Food Production Internship - II	180	6	20	80	100
				TOTAL	**630**	**30**			**700**
				GRAND TOTAL	**3780**	**180**			**4600**
	Exit Qualification: B.Voc. Degree			**NSQF Level: 7**		**Exit Qualification Pack: Sous Chef (THC/Q0403)**				

* Not Considered for Grand Total and CGPA

B.Sc. MATHEMATICS

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS.HRS /WEEK	CREDIT	CIA	ESE	TOTAL
I	20U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UMA1CC1	III	Core – I	Differential Calculus and Trigonometry	5	5	25	75	100
	20UMA1CC2		Core – II	Solid Geometry	3	2	25	75	100
	20UPH1AC1		Allied –I	Fundamentals of Physics	5	4	25	75	100
	20UPH1AC2P		Allied –II	Properties of Matter – Practical	3	2	20	80	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
II	20U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UMA2CC3P	III	Core – III	Mathematical Computations using C++- Practical	6	5	20	80	100
	20UMA2CC4		Core – IV	Classical Algebra	3	2	25	75	100
	20UPH2AC3		Allied – III	Essentials of Physics	4	3	25	75	100
	20UPH2AC4P		Allied –IV	Optical, Thermal and Electricity - Practical	3	2	20	80	100
	20UCN2SE1	IV	Skill Enhancement Course - I @	Soft Skills Development	2	2	100	-	100
				TOTAL	**30**	**20**			**700**
III	20U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UMA3CC5	III	Core– V	Multi variate Calculus	4	4	25	75	100
	20UMA3CC6		Core– VI	ODE & Laplace Transforms	3	2	25	75	100
	20UMA3AC5		Allied– V	Mathematical Statistics-I	4	3	25	75	100
	20UMA3AC6		Allied–VI	Mathematical Statistics-II	3	2	25	75	100
	20UMA3GE1	IV	Generic Elective I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	**30**	**21**			**800**
IV	20U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UMA4CC7	III	Core– VII	Advanced Calculus	5	5	25	75	100
	20UMA4CC8		Core - VIII	PDE & Fourier Series	3	2	25	75	100
	20UMA4AC7		Allied– VII	Mathematical Statistics-III	4	3	25	75	100
	20UMA4AC8P		Allied–VIII	Statistical Lab using R and SPSS-Practical	4	2	20	80	100
	20UMA4GE2	IV	Generic Elective-II#		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	20UMA5CC9	III	Core – IX	Mechanics	6	5	25	75	100
	20UMA5CC10		Core – X	Real Analysis	5	5	25	75	100
	20UMA5CC11		Core – XI	Algebra	5	5	25	75	100
	20UMA5CC12		Core - XII	Numerical Methods	5	5	25	75	100
	20UMA5DE1A/B		DSE – I **		5	4	25	75	100
	20UMA5SE2A/B	IV	Skill Enhancement Course -II@		2	2	-	100	100
	20UMA5SE3A/B		Skill Enhancement Course – III @		2	2	-	100	100
	20UMA5EC1		Extra Credit Course - I	General Intelligence for competitive examinations	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	20UMA6CC13	III	Core– XIII	Linear Algebra	5	5	25	75	100
	20UMA6CC14		Core– XIV	Complex Analysis	5	5	25	75	100
	20UMA6CC15		Core - XV	Number Theory	5	5	25	75	100
	20UMA6CC16		Core - XVI	Operations Research	5	5	25	75	100
	20UMA6DE2A/B		DSE II **		5	4	25	75	100
	20UMA6DE3A/B		DSE III **		4	4	25	75	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UMA6EC2		Extra Credit Course - II	Mathematics for competitive examinations	-	4*	--	100*	100*
	20UMAAECA		Extra Credit Course for all	Online Course	-	1*	--	-	-
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UMA3GE1	Quantitative Aptitude
IV	20UMA4GE2	Reasoning Ability

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UMA5SE2AP	Maple - Practical
	20UMA5SE2B	Fuzzy Set Theory
	20UMA5SE3A	Mini Project using e – Mathematical Tool(Group)
	20UMA5SE3BP	PageMaker - Practical

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UMA5DE1A	Graph Theory
	20UMA5DE1B	Combinatorics
VI	20UMA6DE2A	Astronomy
	20UMA6DE2B	Data Structures and Algorithms
	20UMA6DE3A	Mathematica and MATLAB
	20UMA6DE3B	Z and Fourier Transform

ALLIED MATHEMATICS FOR B.Sc. COMPUTER SCIENCE

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS. HRS/ WEEK	CREDIT	CIA	ESE	TOTAL
I	20UMA1AC1	III	Allied –I	Calculus and Differential Equations	4	3	25	75	100
	20UMA1AC2		Allied –II	Numerical Methods	4	3	25	75	100
				TOTAL	8	6			200
II	20UMA2AC3	III	Allied – III	Operations Research	4	3	25	75	100
	20UMA2AC4		Allied –IV	Statistics	3	2	25	75	100
				TOTAL	7	5			200
				GRAND TOTAL	15	11			400

ALLIED MATHEMATICS FOR B.Sc. (PHYSICS)

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS. HRS/ WEEK	CREDIT	CIA	ESE	TOTAL
III	20UMA3AC5:2	III	Allied–V	Differential and Integral Calculus	4	3	25	75	100
	20UMA3AC6:2		Allied–VI	Algebra and Trigonometry	3	2	25	75	100
				TOTAL	7	5			200
IV	20UMA4AC7:2	III	Allied– VII	Differential Equations	4	3	25	75	100
	20UMA4AC8:2		Allied–VIII	Vector Calculus and Fourier series	4	2	25	75	100
				TOTAL	8	5			200
				GRAND TOTAL	15	10			400

ALLIED MATHEMATICS FOR B.Sc. (CHEMISTRY)

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS. HRS/ WEEK	CREDIT	CIA	ESE	TOTAL
III	20UMA3AC5:3	III	Allied–V	Differential Calculus	4	3	25	75	100
	20UMA3AC6:3		Allied–VI	Algebra and Trigonometry	3	2	25	75	100
				TOTAL	7	5			200
IV	20UMA4AC7:3	III	Allied– VII	Ordinary and Partial Differential Equations	4	3	25	75	100
	20UMA4AC8:3		Allied–VIII	Statistics and Vector Calculus	4	2	25	75	100
				TOTAL	8	5			200
				GRAND TOTAL	15	10			400

B.Sc. MICROBIOLOGY

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS.HRS/WEEK	CREDIT	CIA	ESE	TOTAL
I	20U1LT1/LA1/LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UMB1CC1	III	Core – I	Introduction to Microbiology and Microbial Diversity	5	5	25	75	100
	20UMB1CC2P		Core – II	Introduction to Microbiology and Microbial Diversity- Practical	3	2	20	80	100
	20UMB1AC1		Allied –I	General Biochemistry I :Biomolecules	5	4	25	75	100
	20UMB1AC2P		Allied –II	General Biochemistry I :Biomolecules - Practical	3	2	20	80	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	30	21			700
II	20U2LT2/LA2/LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UMB2CC3	III	Core – III	Bacteriology and Virology	6	5	25	75	100
	20UMB2CC4P		Core – IV	Bacteriology and Virology - Practical	3	2	20	80	100
	20UMB2AC3		Allied – III	General Biochemistry II: Bioenergetics and Enzymology	4	3	25	75	100
	20UMB2AC4P		Allied –IV	General Biochemistry II: Bioenergetics and Enzymology - Practical	3	2	20	80	100
	20UCN2SE1	IV	Skill Enhancement Course- I @	Soft Skills Development	2	2	100	-	100
				TOTAL	30	20			700
III	20U3LT3/LA3/LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UMB3CC5	III	Core– V	Microbial Physiology and Metabolism	4	4	25	75	100
	20UMB3CC6P		Core– VI	Microbial Physiology and Metabolism - Practical	3	2	20	80	100
	20UMB3AC5		Allied– V	Immunology I:Principles of Immunology	4	3	25	75	100
	20UMB3AC6P		Allied–VI	Immunology I:Principles of Immunology-Practical	3	2	20	80	100
	20UMB3GE1	IV	Generic Elective I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	30	21			800
IV	20U4LT4/LA4/LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UMB4CC7	III	Core– VII	Clinical Microbiology	5	5	25	75	100
	20UMB4CC8P		Core - VIII	Clinical Microbiology - Practical	3	2	20	80	100
	20UMB4AC7		Allied– VII	Immunology II: Immunohematology	5	3	25	75	100
	20UMB4AC8P		Allied–VIII	Immunology II: Immunohematology - Practical	3	2	20	80	100
	20UMB4GE2	IV	Generic Elective – II#		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	30	21			700
V	20UMB5CC9	III	Core – IX	Microbial Genetics	6	5	25	75	100
	20UMB5CC10		Core – X	Molecular Biology and Recombinant DNA Technology	5	5	25	75	100
	20UMB5CC11		Core – XI	Industrial Microbiology	5	5	25	75	100
	20UMB5CC12P		Core - XII	Microbial Genetics, Molecular Biology and Recombinant DNA Technology and Industrial Microbiology - Practical	5	5	20	80	100
	20UMB5DE1A/B		DSE – I **		5	4	25	75	100
	20UMB5SE2A/B	IV	Skill Enhancement Course II@		2	2	-	100	100
	20UMB5SE3A/B		Skill Enhancement Course -III@		2	2	-	100	100
	20UMB5EC1		Extra Credit Course-I	General Intelligence for competitive Examination	-	4*	--	100*	100*
				TOTAL	30	28			700
VI	20UMB6CC13	III	Core– XIII	Food and Dairy Technology	5	5	25	75	100
	20UMB6CC14		Core– XIV	Environmental Microbiology	5	5	25	75	100
	20UMB6CC15		Core - XV	Soil and Agricultural Microbiology	5	5	25	75	100
	20UMB6CC16P		Core - XVI	Food and Dairy Technology Environmental Microbiology, Soil and Agricultural Microbiology - Practical	5	5	20	80	100
	20UMB6DE2A/B		DSE II **		5	4	25	75	100
	20UMB6DE3A/B		DSE III **		4	4	25	75	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UMB6EC2		Extra Credit Course-II	Microbiology for competitive examinations	-	4*	--	100*	100*
	20UMBAECA		Extra Credit Course for all	Online Course	-	1*	--	-	-
				TOTAL	30	29			700
				GRAND TOTAL	180	140			4300

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UMB3GE1	Microbial Food Products
IV	20UMB4GE2	Cosmetic Microbiology

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UMB5SE2A	Biofertilizers and Biopesticides
	20UMB5SE2B	Analytical Techniques
	20UMB5SE3A	Textile Microbiology
	20UMB5SE3B	Mycology

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UMB5DE1A	Bioinformatics and Biostatistics
	20UMB5DE1B	Medical Entomology
VI	20UMB6DE2A	Plant Pathology
	20UMB6DE2B	Applied Phycology
	20UMB6DE3A	Social and Preventive Medicine
	20UMB6DE3B	Biosafety and Intellectual property rights

B.Sc. NUTRITION AND DIETETICS

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS.HRS /WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20U1LT1/LA1/ LF1 /LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UND1CC1		Core – I	Food science	5	5	25	75	100
	20UND1CC2P	III	Core – II	Food science - Practical	3	2	20	80	100
	20UND1AC1		Allied –I	Human Physiology	5	4	25	75	100
	20UND1AC2P		Allied –II	Human Physiology - Practical	3	2	20	80	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
II	20U2LT2/LA2/ LF2 /LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UND2CC3		Core – III	Nutrition : Life Cycle Approach	6	5	25	75	100
	20UND2CC4P	III	Core – IV	Nutrition : Life Cycle Approach -Practical	3	2	20	80	100
	20UND2AC3		Allied – III	Fundamentals of Nutrition	4	3	25	75	100
	20UND2AC4P		Allied –IV	Fundamentals of Nutrition - Practical	3	2	20	80	100
	20UCN2SE1	IV	Skill Enhancement Course - I @	Soft Skills Development	2	2	100	-	100
				TOTAL	**30**	**20**			**700**
III	20U3LT3/LA3/ LF3 /LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UND3CC5		Core– V	Diet Therapy-I	4	4	25	75	100
	20UND3CC6P	III	Core– VI	Diet Therapy I - Practical	3	2	20	80	100
	20UND3AC5		Allied– V	Nutritional Biochemistry	4	3	25	75	100
	20UND3AC6P		Allied–VI	Nutritional Biochemistry- Practical	3	2	20	80	100
	20UND3GE1	IV	Generic Elective I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	**30**	**21**			**800**
IV	20U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UND4CC7		Core– VII	Diet Therapy-II	5	5	25	75	100
	20UND4CC8P	III	Core - VIII	Diet Therapy II - Practical	3	2	20	80	100
	20UND4AC7		Allied– VII	Food Microbiology	5	3	25	75	100
	20UND4AC8P		Allied–VIII	Food Microbiology - Practical	3	2	20	80	100
	20UND4GE2	IV	Generic Elective – II#		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	20UND5CC9I		Core – IX	Diet Therapy Internship	6	5	20	80	100
	20UND5CC10		Core – X	Physical Facilities for Food Service	5	5	25	75	100
	20UND5CC11	III	Core – XI	Food Preservation and Bakery Techniques	5	5	25	75	100
	20UND5CC12P		Core - XII	Food Preservation and Bakery Techniques - Practical	5	5	20	80	100
	20UND5DE1A/B		DSE – I **		5	4	25	75	100
	20UND5SE2AP/BP	IV	Skill Enhancement Course II @		2	2	-	100	100
	20UND5SE3AP/BP		Skill Enhancement Course – III @		2	2	-	100	100
	20UND5EC1		Extra Credit Course - I	General Intelligence for competitive examinations	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	20UND6CC13		Core– XIII	Food Service Management	5	5	25	75	100
	20UND6CC14		Core– XIV	Public Health Nutrition	5	5	25	75	100
	20UND6CC15P		Core - XV	Food Service Management - Practical	5	5	20	80	100
	20UND6CC16	III	Core - XVI	Food Product Development and Quality Control	5	5	25	75	100
	20UND6DE2A/B		DSE II **		5	4	25	75	100
	20UND6DE3A/B		DSE III **		4	4	25	75	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UND6EC2		Extra Credit Course - II	Nutrition and Dietetics for competitive examinations	-	4*	--	100*	100*
	20UNDAECA		Extra Credit Course for all	Online Course	-	1*	--	-	-
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENTS

SEMESTER	COURSE CODE	COURSE TITLE
III	20UND3GE1	Nutrition for Health and Wellbeing
IV	20UND4GE2	Nutrition for Women

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UND5SE2AP	Computer Application in Nutrition and Dietetics - Practical
	20UND5SE2BP	Food Adulteration - Practical
	20UND5SE3AP	Techniques in Bakery - Practical
	20UND5SE3BP	Interior Design - Practical

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UND5DE1A	Food Chemistry
	20UND5DE1B	Functional Foods
VI	20UND6DE2A	Life Span Development
	20UND6DE2B	Food Packaging
	20UND6DE3A	Sports Nutrition
	20UND6DE3B	Traditional Foods

B.Voc. (FOOD PROCESSING AND SAFETY)

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS. HOURS	CREDIT	CIA	ESE	TOTAL
I	20B1LT1 / 20B1LBT1	I	General		30	2	25	75	100
	20BCN1LE1	II	General		30	2	25	75	100
	18BFP1C1	III	General	Food Science	45	3	25	75	100
	18BFP1C2	III	General	Bakery and Confectionery-I	45	3	25	75	100
	18BFP1C3P	III	Skill	Food Science -Practical	90	6	20	80	100
	18BFP1C4P	III	Skill	Bakery and Confectionery I - Practical	90	6	20	80	100
	18BFP1C5I	III	Skill	Bakery and Confectionery-I Internship	180	6	20	80	100
	20BCN1AE1	IV	General	Value Education	30	2	100	-	100
				TOTAL	**540**	**30**			**800**
II	20B2LT2 / 20B2LBT2	I	General		30	2	25	75	100
	20BCN2LE2	II	General		30	2	25	75	100
	18BFP2C6	III	General	Principles of Nutrition	45	3	25	75	100
	18 BFP2C7	III	General	Bakery and Confectionery-II	45	3	25	75	100
	18 BFP2C8 P	III	Skill	Principles of Nutrition - Practical	90	6	20	80	100
	18 BFP2C9P	III	Skill	Bakery and Confectionery II - Practical	90	6	20	80	100
	18BFP2C10I	III	Skill	Bakery and Confectionery-II Internship	180	6	20	80	100
	20BCN2SE1	IV	General	Soft Skills Development	30	2	100	-	100
				TOTAL	**540**	**30**			**800**
III	18 BFP3C11	III	General	Principles of Food Preservation	30	2	25	75	100
	18 BFP3C12	III	General	Food Processing-I	60	4	25	75	100
	18 BFP 3C13	III	General	Food Chemistry	30	2	25	75	100
	18BFP 3C14	III	General	Food Microbiology	30	2	25	75	100
	18 BFP3C15P	III	Skill	Food Processing I - Practical	90	6	20	80	100
	18 BFP3C16P	III	Skill	Food Chemistry and Food Microbiology - Practical	90	6	20	80	100
	18 BFP3C17I	III	Skill	Food Processing – I Internship	180	6	20	80	100
	20BCN3AE2	IV	General	Environmental Studies	30	2	100	-	100
				TOTAL	**540**	**30**			**800**
IV	18 BFP4C19	III	General	Food Processing-II	45	3	25	75	100
	18BFP4C18	III	General	General Biochemistry	45	3	25	75	100
	18 BFP4C21	III	General	Food Service Management	45	3	25	75	100
	18 BFP4C22	III	General	Entrepreneurship Skill in Food Industry	30	2	25	75	100
	18 BFP4C23P	III	Skill	Food Processing II - Practical	90	6	20	80	100
	18 BFP4C24P	III	Skill	General Biochemistry and Food service Management -Practical	90	6	20	80	100
	18BFP4C25I	III	Skill	Food Processing-II Internship	180	6	20	80	100
	20BCN4AE3	IV	General	Gender Studies	15	1	100	-	100
				TOTAL	**540**	**30**			**800**
V	18 BFP5C26	III	General	Food Processing-III	60	4	25	75	100
	18 BFP5C27	III	General	Food Product Development	45	3	25	75	100
	18 BFP5C28	III	General	Nutrition through life cycle	45	3	25	75	100
	18 BFP5C29	III	General	Marketing Management	30	2	25	75	100
	18 BFP5C30P	III	Skill	Food Processing III - Practical	90	6	20	80	100
	18 BFP5C31P	III	Skill	Food Product Development and Nutrition through life cycle -Practical	90	6	20	80	100
	18BFP5C32I	III	Skill	Food Processing-III Internship	180	6	20	80	100
				TOTAL	**540**	**30**			**700**
VI	18 BFP6C33	III	General	Human Physiology	45	3	25	75	100
	18 BFP6C34	III	General	Diet Therapy	45	3	25	75	100
	18 BFP6C35	III	General	Food Packaging and Labelling	45	3	25	75	100
	18 BFP6C36	III	General	Food standards and Safety	45	3	25	75	100
	18 BFP6C37P	III	Skill	Diet Therapy and Application of computer - practical	90	6	20	80	100
	18 BFP6C38P	III	Skill	Food Packaging and Labelling -Practical	90	6	20	80	100
	18BFP6C39I	III	Skill	Food Packaging and Labelling Internship	180	6	20	80	100
				TOTAL	**540**	**30**			**700**
				GRAND TOTAL	**3240**	**180**			**4600**

* Not Considered for Grand Total and CGPA

B.Sc. PHYSICS

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS.HRS. /WEEK	CREDIT	CIA	ESE	TOTAL
I	20U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UPH1CC1	III	Core – I	Properties of Matter and Acoustics	5	5	25	75	100
	20UPH1CC2P		Core – II	Properties of Matter - Practical	3	2	20	80	100
	20UCH1AC1:1		Allied –I	Inorganic, organic and Physical Chemistry-I	5	4	25	75	100
	20UCH1AC2P		Allied –II	Volumetric Estimations - Practical	3	2	20	80	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
II	20U2LT2/LA2 /LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UPH2CC3	III	Core – III	Mechanics and Relativity	6	5	25	75	100
	20UPH2CC4P		Core – IV	Heat and Optics - Practical	3	2	20	80	100
	20UCH2AC3:1		Allied – III	Inorganic, organic and Physical Chemistry –II	4	3	25	75	100
	20UCH2AC4P		Allied –IV	Organic Analysis - Practical	3	2	20	80	100
	20UCN2SE1	IV	Skill enhancement course-1@	Soft Skills Development	2	2	100	-	100
				TOTAL	**30**	**20**			**700**
III	20U3LT3/LA3 /LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UPH3CC5	III	Core– V	Thermal Physics	4	4	25	75	100
	20UPH3CC6P		Core– VI	Thermal and Electricity - Practical	3	2	20	80	100
	20UMA3AC5:2		Allied– V	Differential and Integral Calculus	4	3	25	75	100
	20UMA3AC6:2		Allied–VI	Algebra and Trigonometry	3	2	25	75	100
	20UPH3GE1	IV	Generic Elective I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	**30**	**21**			**800**
IV	20U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UPH4CC7	III	Core– VII	Optics	5	5	25	75	100
	20UPH4CC8P		Core - VIII	Measurement and Calibration - Practical	3	2	20	80	100
	20UMA4AC7:2		Allied– VII	Differential Equations	4	3	25	75	100
	20UMA4AC8:2		Allied–VIII	Vector Calculus and Fourier series	4	2	25	75	100
	20UPH4GE2	IV	Generic Elective – II #		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	20UPH5CC9P1	III	Core – IX	Optics and Numerical Programming - Practical	3	3	10	40	50
	20UPH5CC9P2			Analog Electronics and Microprocessor-Practical	3	2	10	40	50
	20UPH5CC10		Core – X	Electricity, Magnetism and Electromagnetism	5	5	25	75	100
	20UPH5CC11		Core – XI	Spectroscopy	5	5	25	75	100
	20UPH5CC12		Core - XII	Atomic Physics	5	5	25	75	100
	20UPH5DE1A/B		DSE-I **		5	4	25	75	100
	20UPH5SE2A/B	IV	SEC II @		2	2	--	100	100
	20UPH5SE3A/B		SEC III @		2	2	--	100	100
	20UPH5EC1		Extra Credit Course-I	General Intelligence for Competitive Examinations - EE	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	20UPH6CC13P1	III	Core– XIII	General Physics and Scientific Programming - Practical	3	3	10	40	50
	20UPH6CC13P2			Digital Electronics and Microprocessor-Practical	3	2	10	40	50
	20UPH6CC14		Core– XIV	Wave Mechanics	5	5	25	75	100
	20UPH6CC15		Core - XV	Nuclear Physics	5	5	25	75	100
	20UPH6CC16		Core XVI	Laser and Medical Physics	4	5	25	75	100
	20UPH6DE2A/B		DSE II **		5	4	25	75	100
	20UPH6DE3A/B		DSE III **		4	4	25	75	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UPH6EC2		Extra Credit Course-II	Physics for Competitive Examination	-	4*	--	100*	100*
	20UPHAECA		Extra Credit Course for all	Online Course	-	1*	-	-	-
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	COURSE TITLE
III	20UPH3GE1	Physics for Home Appliances
IV	20UPH4GE2	Medical Physics

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UPH5SE2A	Scientific programming in C
	20UPH5SE2B	Programming in C++
	20UPH5SE3A	Electrical and Electronic Instrumentation
	20UPH5SE3B	Electrical and Electronic Appliances

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UPH5DE1A	Semiconductor Devices and Circuits
	20UPH5DE1B	Fundamentals of Nanoscience
VI	20UPH6DE2A	Digital Electronics and Microprocessor
	20UPH6DE2B	Materials Science
	20UPH6DE3A	Non-Conventional Energy Physics
	20UPH6DE3B	Astrophysics

B.Litt. TAMIL

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS.HRS/ WEEK	CREDIT	CIA	ESE	TOTAL
I	20U1LT1	I	Language – I	செய்யுள், சிறுகதை, பயன்பாட்டுத்தமிழ், இலக்கிய வரலாறு	6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UTA1CC1	III	Core – I	நன்னூல் - எழுத்ததிகாரம்	4	4	25	75	100
	20UTA1CC2		Core – II	கவிதை இலக்கியம்	4	3	25	75	100
	20UTA1AC1		Allied –I	தமிழக வரலாறும் பண்பாடும்	4	3	25	75	100
	20UTA1AC2		Allied –II	மக்கள் தகவல் தொடர்பியல்	4	3	25	75	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
II	20U2LT2	I	Language – II	செய்யுள், நாடகம், இலக்கிய வரலாறு, செம்மொழி வரலாறு	6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UTA2CC3	III	Core – III	நன்னூல் - சொல்லதிகாரம்	5	4	25	75	100
	20UTA2CC4		Core – IV	உரைநடை இலக்கியம்	4	3	25	75	100
	20UTA2AC3		Allied – III	நாட்டுப்புறவியல்	4	3	25	75	100
	20UTA2AC4		Allied –IV	திரைப்படக் கலை	3	2	25	75	100
	20UCN2SE1	IV	Skill Enhancement Course-I @	Soft Skills Development	2	2	100	-	100
				TOTAL	**30**	**20**			**700**
III	20U3LT3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UTA3CC5	III	Core– V	இடைக்கால இலக்கியம்	4	4	25	75	100
	20UTA3CC6		Core– VI	யாப்பருங்கலக்காரிகை	3	2	25	75	100
	20UTA3AC5		Allied– V	விமரிசனக்கலை	4	3	25	75	100
	20UTA3AC6		Allied–VI	மொழி வரலாறு	3	2	25	75	100
	20UTA3GE1	IV	Generic Elective – I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	**30**	**21**			**800**
IV	20U4LT4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UTA4CC7	III	Core– VII	தொல்காப்பியம் - எழுத்ததிகாரம்	4	4	25	75	100
	20UTA4CC8		Core - VIII	சிற்றிலக்கியங்கள்	4	3	25	75	100
	20UTA4AC7		Allied– VII	நாடகக்கலை	4	3	25	75	100
	20UTA4AC8		Allied–VIII	அரசுப்பணித் தேர்வுத் தமிழ்	4	2	25	75	100
	20UTA4GE2	IV	Generic Elective – II #		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	20UTA5CC9	III	Core – IX	தொல்காப்பியம் - சொல்லதிகாரம்	6	5	25	75	100
	20UTA5CC10		Core – X	புறப்பொருள் வெண்பாமாலை	5	5	25	75	100
	20UTA5CC11		Core – XI	நம்பியகப் பொருள்	5	5	25	75	100
	20UTA5CC12		Core - XII	காப்பியங்கள்	5	5	25	75	100
	20UTA5DE1A/B		DSE–I**		5	4	25	75	100
	20UTA5SE2A/B	IV	Skill Enhancement Course-II @		2	2	-	100	100
	20UTA5SE3A/B		Skill Enhancement Course-III@		2	2	-	100	100
	20UTA5EC1		Extra Credit Course - I	General Intelligence for competitive examination	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	20UTA6CC13	III	Core– XIII	தொல்காப்பியம் - பொருளதிகாரம்	5	5	25	75	100
	20UTA6CC14		Core– XIV	தண்டியலங்காரம்	5	5	25	75	100
	20UTA6CC15		Core - XV	சங்க இலக்கியம்	5	5	25	75	100
	20UTA6CC16		Core XVI	அற இலக்கியம்	5	5	25	75	100
	20UTA6DE2A/B		DSE - II**		5	4	25	75	100
	20UTA6DE3A/B		DSE - III**		4	4	25	75	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UTA6EC2		Extra Credit Course-II	Tamil for competitive examination	-	4*	--	100*	100*
	20UTAAECA		Extra Credit Course for all	Online Course	-	1*	-	-	-
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVE FOR OTHER MAJOR DEPARTMENT

SEMESTER	COURSE CODE	PAPERS
III	20UTA3GE1A	Generic Elective – I - தமிழ் இலக்கியமும் வரலாறும் - I
	20UTA3GE1B	Generic Elective – I - எழுத்தும் இலக்கியமும் அறிமுகம் - I
IV	20UTA4GE2A	Generic Elective – II - தமிழ் இலக்கியமும் வரலாறும் - II
	20UTA4GE2B	Generic Elective – I - எழுத்தும் இலக்கியமும் அறிமுகம் - II

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	PAPERS
V	20UTA5SE2A	தமிழின் செம்மொழிப் பண்புகள்
	20UTA5SE2B	தமிழ் கற்பிக்கும் நெறிகள்
	20UTA5SE3A	சித்த மருத்துவம்
	20UTA5SE3B	தொல்லியல் அறிமுகம்

**DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	PAPERS
V	20UTA5DE1A	நாவல் இலக்கியம்
	20UTA5DE1B	ஒப்பிலக்கியம்
VI	20UTA6DE2A	சிறுகதை இலக்கியம்
	20UTA6DE2B	மொழிபெயர்ப்பியல்
	20UTA6DE3A	இஸ்லாமியத் தமிழ் இலக்கியம்
	20UTA6DE3B	நிர்வாகவியல்

B.Sc. VISUAL COMMUNICATION

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS. HRS/ WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20U1LT1/LA1/ LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UVC1CC1	III	Core – I	Introduction to Visual Communication	5	5	25	75	100
	20UVC1CC2		Core – II	Advertising Basics	3	2	25	75	100
	20UVC1AC1P		Allied –I	Drawing - Practical	5	4	20	80	100
	20UVC1AC2P		Allied –II	Graphic Design - Practical	3	2	20	80	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	**30**	**21**			**700**
II	20U2LT2/LA2/ LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UVC2CC3	III	Core – III	Media, Culture and Society	6	5	25	75	100
	20UVC2CC4		Core – IV	New Media	3	3	25	75	100
	20UVC2AC3P		Allied – III	Painting - Practical	4	3	20	80	100
	20UVC2AC4P		Allied –IV	Digital Art - Practical	3	2	20	80	100
	20UCN2SE1	IV	Skill Enhancement Course-I@	Soft Skills Development	2	2	100	-	100
				TOTAL	**30**	**20**			**700**
III	20U3LT3/LA3/ LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UVC3CC5	III	Core– V	Communication Theories	4	4	25	75	100
	20UVC3CC6P		Core– VI	2D animation - Practical	3	2	20	80	100
	20UVC3AC5P		Allied– V	Photography - Practical	4	3	25	75	100
	20UVC3AC6P		Allied–VI	Basics of Media Psychology-Practical	3	2	20	80	100
	20UVC3GE1P	IV	Generic Elective - I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	**30**	**21**			**800**
IV	20U4LT4/LA4/ LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UVC4CC7	III	Core– VII	Media Production	5	4	25	75	100
	20UVC4CC8		Core - VIII	Media Research Orientation	3	2	25	75	100
	20UVC4AC7P		Allied– VII	Radio Production - Practical	5	3	20	80	100
	20UVC4AC8P		Allied–VIII	Writing for Mass Media - Practical	3	2	20	80	100
	20UVC4GE2P	IV	Generic Elective – II #		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	**30**	**21**			**700**
V	20UVC5CC9	III	Core – IX	Media Laws and Ethics	6	5	25	75	100
	20UVC5CC10		Core – X	Film Studies	6	5	25	75	100
	20UVC5CC11P		Core – XI	3D animation -Practical	6	5	20	80	100
	20UVC5CC12I		Core - XII (a)	Internship	_	3	10	40	50
	20UVC5CC12P		Core - XII (b)	Visual Storytelling – Practical	3	2	10	40	50
	20UVC5DE1AP/BP		DSE – I **		5	4	20	80	100
	20UVC5SE2AP/BP	IV	Skill Enhancement Course-II @		2	2	-	100	100
	20UVC5SE3AP/BP		Skill Enhancement Course-III@		2	2	-	100	100
	20UVC5EC1		Extra Credit Course - I	General Intelligence for Competitive Examinations	-	4*	--	100*	100*
				TOTAL	**30**	**28**			**700**
VI	20UVC6CC13T	III	Core– XIII (a)	Communication for Development	3	3	10	40	50
	20UVC6CC13P		Core– XIII (b)	Communication for Development - Practical	3	2	10	40	50
	20UVC6CC14		Core– XIV	Visual Analysis	5	5	25	75	100
	20UVC6CC15P		Core - XV	Visual Effects - Practical	4	4	20	80	100
	20UVC6CC16P		Core - XVI	Domain Study - Practical	5	5	20	80	100
	20UVC6DE2AP/BP		DSE II **		5	4	20	80	100
	20UVC6DE3AP/BP		DSE III **		4	4	20	80	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UVC6EC2		Extra Credit Course - II	Visual Communication for Competitive Examinations	-	4*	-	100*	100*
	20UVCAECA		Extra credit course for all	Online Course	-	1*	-	-	-
				TOTAL	**30**	**29**			**700**
				GRAND TOTAL	**180**	**140**			**4300**

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVES FOR OTHER MAJOR DEPARTMENTS

SEMESTER	COURSE CODE	COURSE TITLE
III	20UVC3GE1P	Pencil Sketching - Practical
IV	20UVC4GE2P	Art from Anything - Practical

@ SKILL ENHANCEMENT COURSES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UVC5SE2AP	Entrepreneurship Skills - Practical
	20UVC5SE2BP	Cartoon Drawing - Practical
	20UVC5SE3AP	Art of Acting - Practical
	20UVC5SE3BP	Clay Modelling- Practical

** DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
V	20UVC5DE1AP	Television Production - Practical
	20UVC5DE1BP	Film Language - Practical
VI	20UVC6DE2AP	Editing - Practical
	20UVC6DE2BP	Web Designing - Practical
	20UVC6DE3AP	Show Reel Creation - Practical
	20UVC6DE3BP	Creative Advertising - Practical

B. Voc. MEDIA PRODUCTION

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS. HRS	CREDITS	MARKS		
							CIA	ESE	TOTAL
I	20B1LT1/20B1LBT1	I	General		30	2	25	75	100
	20BCN1LE1	II	General		30	2	25	75	100
	20BMP1CC1	III	General	Introduction to Media and Entertainment	45	3	25	75	100
	20BMP1CC2	III	General	Basic Photography	45	3	25	75	100
	20BMP1CC3	III	General	Art and Print Production	90	6	25	75	100
	20BMP1CC4P	III	Skill	Graphic Design - Practical	180	6	20	80	100
	20BMP1IN	III	Skill	Desktop Publishing- Internship	180	6	100	-	100
	20BCN1AE1	IV	General	Value Education	30	2	100	-	100
				TOTAL	630	30			800
	Exit Qualification: Certificate		**NSQF Level: 4**	**Exit Qualification Pack: Graphic Designer MES/Q 0601**					
II	20B2LT2/20B2LBT2	I	General		30	2	25	75	100
	20BCN2LE2	II	General		30	2	25	75	100
	20BMP2CC5	III	General	Media Production	45	3	25	75	100
	20BMP2CC6	III	General	Fundamentals of Advertising	45	3	25	75	100
	20BMP2CC7	III	General	Sound Design	90	6	25	75	100
	20BMP2CC8P	III	Skill	Radio Production - Practical	180	6	20	80	100
	20BMP2IN	III	Skill	Creative Advertising Internship	180	6	20	80	100
	20BCN2SE1	IV	General	Soft Skills	30	2	100	-	100
				TOTAL	630	30			800
	Exit Qualification: Diploma		**NSQF Level: 5**	**Exit Qualification Pack: Sound designer MES/ Q 3401**					
III	20BMP3CC9	III	General	News Reporting	30	2	25	75	100
	20BMP3CC10	III	General	Basics of Media Psychology	45	3	25	75	100
	20BMP3CC11	III	General	Writing for Media	45	3	25	75	100
	20BMP3CC12	III	General	Radio Jockeying	30	2	25	75	100
	20BMP3CC13	III	General	Script Writing	90	6	25	75	100
	20BMP3CC14P	III	Skill	Television Production - Practical	180	6	20	80	100
	20BMP3IN	III	Skill	Electronic Media Internship	180	6	20	80	100
	20BCN3AE2	IV	General	Environmental Studies	30	2	100	-	100
				TOTAL	630	30			800
IV	20BMP4CC15	III	General	E- Learning	30	2	25	75	100
	20BMP4CC16	III	General	Media Culture and Society	45	3	25	75	100
	20BMP4CC17	III	General	New Media	45	3	25	75	100
	20BMP4CC18	III	General	Art and Aesthetics	45	3	25	75	100
	20BMP4CC19	III	General	Social Media Production	90	6	25	75	100
	20BMP4CC20P	III	Skill	2D Animation - Practical	180	6	20	80	100
	20BMP4IN	III	Skill	Social Media Internship	180	6	20	80	100
	20BCN4AE3	IV	General	Gender Studies	15	1	100	-	100
				TOTAL	630	30			800
	Exit Qualification: Advance Diploma		**NSQF Level: 6**	**Exit Qualification Pack: Social Media Manager MES/Q 0703**					
V	20BMP5CC21	III	General	Media Laws & Ethics	45	3	25	75	100
	20BMP5CC22	III	General	Event Management	45	3	25	75	100
	20BMP5CC23	III	General	Media Presentation skills	45	3	25	75	100
	20BMP5CC24	III	General	Elements of Film	45	3	25	75	100
	20BMP5CC25	III	General	Visual Story Telling	90	6	25	75	100
	20BMP5CC26P	III	Skill	3D Animation - Practical	180	6	20	80	100
	20BMP5IN	III	Skill	Post Production - Internship	180	6	20	80	100
				TOTAL	630	30			700
VI	20BMP6CC27	III	General	Media Relations	45	3	25	75	100
	20BMP6CC28	III	General	Media Management	45	3	25	75	100
	20BMP6CC29	III	General	Digital Intermediate	45	3	25	75	100
	20BMP6CC30	III	General	Script editing	45	3	25	75	100
	20BMP6CC31	III	General	Visual effects	90	6	25	75	100
	20BMP6CC32P	III	Skill	Digital Marketing-Practical	180	6	20	80	100
	20BMP6IN	III	Skill	Internship in Public Relations	180	6	20	80	100
				TOTAL	630	30			700
				GRAND TOTAL	3240	180			4600
	Exit Qualification: B.Voc. Degree		**NSQF Level: 7**	**Exit Qualification Pack: Digital Marketing Manager MES/ Q 0706**					

* Not Considered for Grand Total and CGPA

B.Sc. ZOOLOGY

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	INS.HRS/WEEK	CREDIT	CIA	ESE	TOTAL
I	20U1LT1/LA1/LF1/LH1/LU1	I	Language – I		6	3	25	75	100
	20UCN1LE1	II	English - I		6	3	25	75	100
	20UZO1CC1		Core – I	Biology of Invertebrates	5	5	25	75	100
	20UZO1CC2P	III	Core – II	Biology of Invertebrates - Practical	3	2	20	80	100
	20UCH1AC1:2		Allied –I	Inorganic, Organic and Physical Chemistry - I	5	4	25	75	100
	20UCH1AC2P		Allied –II	Volumetric Estimation - Practical	3	2	20	80	100
	20UCN1AE1	IV	AEC-I	Value Education	2	2	100	-	100
				TOTAL	30	21			700
II	20U2LT2/LA2/LF2/LH2/LU2	I	Language – II		6	3	25	75	100
	20UCN2LE2	II	English – II		6	3	25	75	100
	20UZO2CC3		Core – III	Biology of Chordates	6	5	25	75	100
	20UZO2CC4P		Core – IV	Biology of Chordates - Practical	3	2	20	80	100
	20UCH2AC3:2	III	Allied – III	Inorganic, Organic and Physical Chemistry - II	4	3	25	75	100
	20UCH2AC4P		Allied –IV	Organic Analysis - Practical	3	2	20	80	100
	20UCN2SE1	IV	Skill Enhancement Course- I @	Soft Skills Development	2	2	100	-	100
				TOTAL	30	20			700
III	20U3LT3/LA3/LF3/LH3/LU3	I	Language– III		6	3	25	75	100
	20UCN3LE3	II	English – III		6	3	25	75	100
	20UZO3CC5		Core– V	Cell & Molecular Biology	4	4	25	75	100
	20UZO3CC6P		Core– VI	Cell & Molecular Biology - Practical	3	2	20	80	100
	20UBO3AC5	III	Allied– V	Applied Botany I	4	3	25	75	100
	20UBO3AC6P		Allied–VI	Laboratory Course for Applied Botany I - Practical	3	2	20	80	100
	20UZO3GE1	IV	Generic Elective I #		2	2	-	100	100
	20UCN3AE2		AEC-II	Environmental Studies	2	2	100	-	100
				TOTAL	30	21			800
IV	20U4LT4/LA4/LF4/LH4/LU4	I	Language–IV		6	3	25	75	100
	20UCN4LE4	II	English– IV		6	3	25	75	100
	20UZO4CC7		Core– VII	Animal Physiology	5	5	25	75	100
	20UZO4CC8P		Core - VIII	Animal Physiology - Practical	3	2	20	80	100
	20UBO4AC7	III	Allied– VII	Applied Botany II	5	3	25	75	100
	20UBO4AC8P		Allied–VIII	Laboratory Course for Applied Botany II -Practical	3	2	20	80	100
	20UZO4GE2	IV	Generic Elective - II#		2	2	-	100	100
	20UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
				TOTAL	30	21			700
V	20UZO5CC9		Core – IX	Biostatistics, Bioinformatics & Computer Application in Biology	6	5	25	75	100
	20UZO5CC10		Core – X	Genetics	5	5	25	75	100
	20UZO5CC11	III	Core – XI	Microbiology	5	5	25	75	100
	20UZO5CC12		Core - XII	Developmental Biology	5	5	25	75	100
	20UZO5DE1AP 20UZO5DE1B		DSE – I **		5	4	25	75	100
	20UZO5SE2A/B	IV	Skill Enhancement Course II@		2	2	-	100	100
	20UZO5SE3A/B		Skill Enhancement Course – III @		2	2	-	100	100
	20UZO5EC1		Extra Credit Course - I	General Intelligence for competitive examinations	-	4*	--	100*	100*
				TOTAL	30	28			700
VI	20UZO6CC13		Core– XIII	Biochemistry and Biophysics	5	5	25	75	100
	20UZO6CC14		Core– XIV	Immunology	5	5	25	75	100
	20UZO6CC15	III	Core - XV	Economic Entomology	5	5	25	75	100
	20UZO6CC16		Core - XVI	Environmental Biology and Evolution	5	5	25	75	100
	20UZO6DE2A/B		DSE II **		5	4	25	75	100
	20UZO6DE3A/B		DSE III **		4	4	25	75	100
	20UCN6AE3	IV	AEC-III	Gender Studies	1	1	100	-	100
	20UZO6EC2		Extra Credit Course - II	Zoology for competitive examinations	-	4*	--	100*	100*
	20UZOAECA		Extra Credit Course for all	Online Course	-	1*	--	-	-
				TOTAL	30	29			700
				GRAND TOTAL	180	140			4300

* Not Considered for Grand Total and CGPA

GENERIC ELECTIVES FOR OTHER MAJOR DEPARTMENTS

SEMESTER	COURSE CODE	COURSE TITLE
III	20UZO3GE1	Human Health and Hygiene
IV	20UZO4GE2	Vermiculture Technology and Organic Farming

@ SKILL ENHANCEMENT COURSE

SEMESTER	COURSE CODE	COURSE TITLE
V	20UZO5SE2A	Applied Zoology
	20UZO5SE2B	Water Pollution Management
	20UZO5SE3A	Poultry Science
	20UZO5SE3B	Pisciculture

** DISCIPLINE SPECIFIC ELECTIVE

SEMESTER	COURSE CODE	COURSE TITLE
V	20UZO5DE1AP	Biostatistics & Bioinformatics & Computer application, Genetics, Microbiology and Developmental Biology – Practical (20+80=100 Marks)
	20UZO5DE1B	Bio Instrumentation
VI	20UZO6DE2AP	Biochemistry and Biophysics, Immunology, Economic Entomology and Environmental Biology and Evolution – Practical (20+80=100 Marks)
	20UZO6DE2B	Wildlife Biology
	20UZO6DE3A	Biotechnology
	20UZO6DE3B	Recombinant DNA Technology

ALLIED ZOOLOGY FOR B.Sc. BOTANY

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Ins.Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
III	20UZO3AC5	III	Allied – V	General Principles in Zoology	4	3	25	75	100
	20UZO3AC6P		Allied – VI	General Principles in Zoology-Practical	3	2	20	80	100
				TOTAL	7	5			**200**
IV	20UZO4AC7	III	Allied – VII	Commercial Zoology	5	3	25	75	100
	20UZO4AC8P		Allied – VIII	Commercial Zoology - Practical	3	2	20	80	100
				TOTAL	8	5			**200**
				GRAND TOTAL	15	10			**400**

M.A. ARABIC

SEM	COURSE CODE	COURSE	COURSE TITLE	Ins. Hrs/Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20PAR1CC1	Core I	Grammar	6	5	25	75	100
	20PAR1CC2	Core II	Classical Prose	6	5	25	75	100
	20PAR1CC3	Core III	History of Islamic Legislation	6	4	25	75	100
	20PAR1CC4	Core IV	History of Classical Arabic Literature	6	4	25	75	100
	20PAR1DE1A/B	DSE I #		6	4	25	75	100
			Total	**30**	**22**			**500**
II	20PAR2CC5	Core V	Advanced Classical Prose	6	5	25	75	100
	20PAR2CC6	Core VI	Classical Poetry	6	5	25	75	100
	20PAR2CC7	Core VII	Islamic Philosophy	6	4	25	75	100
	20PAR2CC8	Core VIII	History of Modern Arabic Literature	6	4	25	75	100
	20PAR2DE2A/B	DSE II #		6	4	25	75	100
			Total	**30**	**22**			**500**
III	20PAR3CC9	Core IX	Modern Prose	6	5	25	75	100
	20PAR3CC10	Core X	Drama & Short Stories	6	5	25	75	100
	20PAR3CC11	Core XI	Indo Arab Literature	6	4	25	75	100
	20PAR3CC12	Core XII	Autobiography	6	4	25	75	100
	20PAR3DE3A/B	DSE III #		6	4	25	75	100
	20PAR3EC1	Extra Credit Course - I	Online Course (MOOC)	-	1*	-	-	-
			Total	**30**	**22**			**500**
IV	20PAR4CC13	Core XIII	Modern Poetry	6	5	25	75	100
	20PAR4CC14	Core XIV	Novel	6	5	25	75	100
	20PAR4CC15	Core XV	Arabic Translation & Interpretation	6	5	25	75	100
	20PAR4DE4A/B	DSE IV #		6	4	25	75	100
	20PAR4PW	Project	Project Work	6	4	-	100	100
	20PAR4EC2	Extra Credit Course - II	Arabic for competitive Examinations	-	5*	-	100	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			Total	**30**	**24**			**500**
			Grand Total	**120**	**90**			**2000**

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	DISCIPLINE SPECIFIC ELECTIVE
I	20PAR1DE1A	Aqeeda
	20PAR1DE1B	Indian Islamic History
II	20PAR2DE2A	Translation Skills & Essays in Arabic
	20PAR2DE2B	Shiru's Sahaba
III	20PAR3DE3A	Competitive Skills in Arabic
	20PAR3DE3B	Cultural History of Islam
IV	20PAR4DE4AP	Advanced Arabic Communication Skills (20+80 = 100 Marks)
	20PAR4DE4B	The Ottoman Empire

M.Sc. BIOTECHNOLOGY

SEM	COURSE CODE	COURSE	COURSE TITLE	INS. HRS/ WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20PBT1CC1	Core – I	Bioinstrumentation	6	5	25	75	100
	20PBT1CC2	Core – II	Advanced Biochemistry	6	5	25	75	100
	20PBT1CC3	Core – III	Immunology and Immunotechnology	6	4	25	75	100
	20PBT1CC4P	Core – IV	Bioinstrumentation, Advanced Biochemistry, Immunology and Immunotechnology - Practical	6	4	20	80	100
	20PBT1DE1A/B	DSE – I #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
II	20PBT2CC5	Core – V	Enzymology and Enzyme Technology	6	5	25	75	100
	20PBT2CC6	Core – VI	Molecular Biology and Genetic Engineering	6	5	25	75	100
	20PBT2CC7	Core – VII	Recombination DNA Technology	6	4	25	75	100
	20PBT2CC8P	Core – VIII	Enzymology and Enzyme Technology, Molecular Biology and Genetic Engineering & Recombinant DNA Technology - Practical	6	4	20	80	100
	20PBT2DE2A/B	DSE – II #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
III	20PBT3CC9	Core – IX	Plant Biotechnology	6	5	25	75	100
	20PBT3CC10	Core – X	Animal Biotechnology	6	5	25	75	100
	20PBT3CC11	Core– XI	Microbial Technology	6	4	25	75	100
	20PBT3CC12P	Core – XII	Plant Biotechnology, Animal Biotechnology, Microbial Technology - Practical	6	4	20	80	100
	20PBT3DE3 A/B	DSE – III#		6	4	25	75	100
	20PBT3EC1	Extra Credit Course – I	Online Course (MOOC)	-	1*		-	-
			TOTAL	**30**	**22**			**500**
IV	20PBT4CC13	Core – XIII	Bioinformatics and Biostatistics	6	5	25	75	100
	20PBT4CC14	Core – XIV	Environmental Biotechnology	6	5	25	75	100
	20PBT4CC15P	Core – XV	Bioinformatics and Biostatistics, Environmental Biotechnology - Practical	6	5	20	80	100
	20PBT4PW	Project	Project Work	12	8	-	200	200
	20PBT4EC2	Extra Credit Course – II	Biotechnology for career Examinations	-	5*	-	100*	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			TOTAL	**30**	**24**			**500**
			GRAND TOTAL	**120**	**90**			**2000**

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
I	20PBT1DE1A	Biodiversity and Bioprospecting
	20PBT1DE1B	Biofertilizer Technology
II	20PBT2DE2A	Genomics and Proteomics
	20PBT2DE2B	Biopharmaceuticals in Nanomedicine
III	20PBT3DE3A	Stem Cell Biology
	20PBT3DE3B	Marine Biotechnology

M.Sc. BOTANY

SEM	COURSE CODE	COURSE	COURSE TITLE	INS. HRS / WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20PBO1CC1	Core – I	Plant Diversity-I (Thallophytes and Bryophytes)	6	5	25	75	100
	20PBO1CC2	Core– II	Plant Diversity-II (Pteridophytes, Gymnosperms and Paleobotany)	6	5	25	75	100
	20PBO1CC3	Core– III	Microbiology, Plant Pathology and Immunology	6	4	25	75	100
	20PBO1CC4P	Core– IV	Laboratory course for core I, II and III – Practical	6	4	20	80	100
	20PBO1DE1A/B	DSE – I#		6	4	25	75	100
			TOTA	**30**	**22**			**500**
II	20PBO2CC5	Core– V	Cell and Molecular Biology	6	5	25	75	100
	20PBO2CC6	Core– VI	Anatomy, Embryology and Forensic Botany	6	5	25	75	100
	20PBO2CC7	Core– VII	Genetics and Plant Breeding	6	4	25	75	100
	20PBO2CC8P	Core– VIII	Laboratory course for core V, VI and VII – Practical	6	4	20	80	100
	20PBO2DE2A/B	DSE – II#		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
III	20PBO3CC9	Core– IX	Plant Systematics and Ethnobotany	6	5	25	75	100
	20PBO3CC10	Core– X	Plant Physiology	6	5	25	75	100
	20PBO3CC11	Core– XI	Biomolecules, Bioenergetics and Analytical Instrumentation	6	4	25	75	100
	20PBO3CC12P	Core– XII	Laboratory course for core IX, X and XI – Practical	6	4	20	80	100
	20PBO3DE3A/B	DSE – III#		6	4	25	75	100
	20PBO3EC1	Extra Credit Course – I	Online Course (MOOC)	-	1*	-	-	-
			TOTA	**30**	**22**			**500**
IV	20PBO4CC13	Core– XIII	Plant Ecology and Conservation Biology	6	5	25	75	100
	20PBO4CC14	Core– XIV	Plant Biotechnology	6	5	25	75	100
	20PBO4CC15P	Core– XV	Laboratory Course for Core XIII and XIV – Practical	6	5	20	80	100
	20PBO4DE4A/B	DSE – IV#		6	4	25	75	100
	20PBO4PW	Project	Project Work	6	4	-	100	100
	20PBO4EC2	Extra Credit Course – II	Botany for Career Examination	-	5*	-	100	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			TOTAL	**30**	**24**			**500**
			GRAND TOTAL	**-**	**90**			**2000**

* Not Considered for Grand Total and CGPA

#DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
I	20PBO1DE1A	Applied Marine Botany
	20PBO1DE1B	Agricultural Microbiology
II	20PBO2DE2A	Floriculture for Entrepreneurship and Export
	20PBO2DE2B	Horticulture and Greenhouse Technology
III	20PBO3DE3A	Biostatistics and Bioinformatics
	20PBO3DE3B	Biodiversity and Conservation
IV	20PBO4DE4A	Plant Tissue Culture and Secondary Metabolites Production
	20PBO4DE4B	Marine Ecology

M.Sc. CHEMISTRY

SEM	COURSE CODE	COURSE	COURSE TITLE	INS. HRS / WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20PCH1CC1	Core – I	Ionic, Coordinate Solids, Metallurgy and Nuclear reactions	6	5	25	75	100
	20PCH1CC2	Core – II	Organic Reaction Mechanisms, Reagents and Natural Products	6	5	25	75	100
	20PCH1CC3P	Core – III	Inorganic Estimation and Complex Preparations - Practical	6	4	20	80	100
	20PCH1CC4P	Core – IV	Organic Preparations and Estimation -Practical	6	4	20	80	100
	20PCH1DE1A/B	DSE –I#		6	4	25	75	100
			TOTAL	30	22			500
II	20PCH2CC5	Core – V	Organic reactions, Stereochemistry and Natural Products	6	5	25	75	100
	20PCH2CC6	Core – VI	Theory and Applications of Group Theory and Spectroscopy	6	5	25	75	100
	20PCH2CC7P	Core – VII	Inorganic Qualitative Analysis and Colorimetric Estimations - Practical	6	4	20	80	100
	20PCH2CC8P	Core – VIII	Qualitative Analysis of Organic Mixture and Chromatography Techniques - Practical	6	4	20	80	100
	20PCH2DE2A/B	DSE–II #		6	4	25	75	100
			TOTAL	30	22			500
III	20PCH3CC9	Core – IX	Solid State, NMR, ESR, Photoelectron Spectroscopy and Bio-Medicinal Chemistry	6	5	25	75	100
	20PCH3CC10	Core – X	Organic Spectroscopy and Natural Products	6	5	25	75	100
	20PCH3CC11	Core – XI	Industrial Chemistry	6	4	25	75	100
	20PCH3CC12P	Core – XII	Physical Chemistry Non-Electrical - Practical	6	4	20	80	100
	20PCH3DE3A/B	DSE –III#		6	4	25	75	100
	20PCH3EC1	Extra Credit Course-I	Online Course (MOOC)	-	1*	-	-	-
			TOTAL	30	22			500
IV	20PCH4CC13	Core – XIII	Classical, Statistical Thermodynamics and Surface Phenomena	6	5	25	75	100
	20PCH4CC14	Core – XIV	Chemistry of Macromolecules	6	5	25	75	100
	20PCH4CC15P	Core – XV	Physical Chemistry Electrical - Practical	6	5	20	80	100
	20PCH4DE4A/B	DSE –IV#		6	4	25	75	100
	20PCH4PW	Project		6	4	-	100	100
	20PCH4EC2	Extra Credit Course-II	Chemistry for Career Examinations	-	5*	-	100	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			TOTAL	30	24			500
			GRAND TOTAL	120	90			2000

*Not considered for grand total and CGPA

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
I	20PCH1DE1A	Quantum Chemistry, Kinetics of Solutions and Electrodes
	20PCH1DE1B	Quantum Chemistry and Spectroscopy
II	20PCH2DE2A	Chemistry of Complexes and Organometallics, IR, Electronic and Mossbauer Spectroscopy
	20PCH2DE2B	Spectroscopy of Inorganic Complexes and Organometallics
III	20PCH3DE3A	Medicinal Chemistry
	20PCH3DE3B	Chemistry of Materials
IV	20PCH4DE4A	Green and Nano Chemistry
	20PCH4DE4B	Environmental Chemistry and Quality Control

M. COM.

SEM	COURSE CODE	COURSE	COURSE TITLE	INS. HRS / WEEK	CREDIT	CIA	ESE	TOTAL
I	20PCO1CC1	Core – I	Corporate Law	6	5	25	75	100
	20PCO1CC2	Core – II	Economics For Managerial Decisions	6	5	25	75	100
	20PCO1CC3	Core – III	Advanced Cost And Management Accounting	6	4	25	75	100
	20PCO1CC4	Core – IV	Goods And Service Tax	6	4	25	75	100
	20PCO1DE1A/B	DSE – I #		6	4	25	75	100
			TOTAL	30	22			500
II	20PCO2CC5	Core – V	Advanced Income Tax	6	5	25	75	100
	20PCO2CC6	Core – VI	International Business	6	5	25	75	100
	20PCO2CC7	Core – VII	Statistical Tools For Business Decisions	6	4	25	75	100
	20PCO2CC8P	Core – VIII	Tally Erp 9 – Practical	6	4	20	80	100
	20PCO2DE2 A/B	DSE – II #		6	4	25	75	100
			TOTAL	30	22			500
III	20PCO3CC9	Core – IX	Business Ethics And Corporate Social Responsibility	6	5	25	75	100
	20PCO3CC10	Core – X	Advanced Corporate Accounting	6	5	25	75	100
	20PCO3CC11	Core – XI	Research Methods	6	4	25	75	100
	20PCO3CC12	Core – XII	Security Analysis & Portfolio Management	6	4	25	75	100
	20PCO3DE3 A/B	DSE - III #		6	4	25	75	100
	20PCO3EC1	Extra Credit Course - I	Online Course (Mooc)	-	1*	-	-	-
			TOTAL	30	22			500
IV	20PCO4CC13	Core – XIII	Strategic Management	6	5	25	75	100
	20PCO4CC14	Core – XIV	Entrepreneurship And Project Management	6	5	25	75	100
	20PCO4CC15	Core – XV	Exim Management	6	5	25	75	100
	20PCO4DE4 A/B	DSE - IV #		6	4	25	75	100
	20PCO4PW	Project	Project Work	6	4	-	100	100
	20PCO4EC2	Extra Credit Course-II	Commerce For Career Examination	-	5*	-	100	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			TOTAL	30	24			500
			GRAND TOTAL	120	90			2000

* Not Considered for Grand Total and CGPA

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
I	20PCO1DE1A	Advanced Human Resource Management
	20PCO1DE1B	Customer Relationship Management
II	20PCO2DE2A	Organisational Behaviour
	20PCO2DE2B	Consumer Behaviour
III	20PCO3DE3A	Industrial Legislations
	20PCO3DE3B	Brand Management
IV	20PCO4DE4A	Industrial Relations
	20PCO4DE4B	Logistics & Supply Chain Management

M.Sc. COMPUTER SCIENCE

SEM	COURSE CODE	COURSE	COURSE TITLE	INS.HRS/ WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20PCS1CC1	Core– I	Mathematical Foundations	6	5	25	75	100
	20PCS1CC2	Core – II	Java Programming	6	5	25	75	100
	20PCS1CC3	Core– III	Open Source Technology	6	4	25	75	100
	20PCS1CC4P1	Core– IV A	Java Programming Lab - Practical	3	2	10	40	50
	20PCS1CC4P2	Core– IV B	Open Source Technology Lab - Practical	3	2	10	40	50
	20PCS1DE1A/B	DSE – I#		6	4	25	75	100
			TOTAL	30	22			500
II	20PCS2CC5	Core– V	Database Systems	6	5	25	75	100
	20PCS2CC6	Core– VI	Data Science and Python	6	5	25	75	100
	20PCS2CC7	Core– VII	Design and Analysis of Algorithms	6	4	25	75	100
	20PCS2CC8P1	Core– VIII A	RDBMS Lab - Practical	3	2	10	40	50
	20PCS2CC8P2	Core– VIII B	Python Programming Lab - Practical	3	2	10	40	50
	20PCS2DE2A/B	DSE – II#		6	4	25	75	100
			TOTAL	30	22			500
III	20PCS3CC9	Core– IX	Principles of Compiler Design	6	5	25	75	100
	20PCS3CC10	Core– X	Machine Learning and R Programming	6	5	25	75	100
	20PCS3CC11	Core– XI	Web Programming	6	4	25	75	100
	20PCS3CC12P1	Core– XII A	Web Programing Lab - Practical	3	2	10	40	50
	20PCS3CC12P2	Core– XII B	R Programming Lab - Practical	3	2	10	40	50
	20PCS3DE3A/B	DSE – III#		6	4	25	75	100
	20PCS3EC1	Extra Credit - I	Online Course (MOOC)	-	1*	-	-	-
			TOTAL	30	22			500
IV	20PCS4CC13	Core– XIII	Middleware Technology	6	5	25	75	100
	20PCS4CC14P1	Core– XIV A	Middleware Technology Lab - Practical	3	3	10	40	50
	20PCS4CC14P2	Core– XIV B	Angular JS Lab - Practical	3	2	10	40	50
	20PCS4PW	Project	Project Work	18	13	-	300	300
	20PCS4EC2	Extra Credit - II	Computer Science for Career Examinations	-	5*	-	100*	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			TOTAL	30	24			500
			GRAND TOTAL	120	90			2000

* Not Considered for Grand Total and CGPA

#DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
I	20PCS1DE1A	Computer Architecture
	20PCS1DE1B	Embedded Systems
II	20PCS2DE2A	Computer Networks and Cryptography
	20PCS2DE2B	Object Oriented Analysis and Design
III	20PCS3DE3A	Cloud Computing
	20PCS3DE3B	Distributed Operating Systems

M.C.A.

SEM	SUBJECT CODE	COURSE	SUBJECT TITLE	HRS/ WEEK	CREDIT	INT. MARK	EXT. MARK	TOTAL MARK
I	20MCA1CC1	Core I	Programming in Java	4	3	25	75	100
	20MCA1CC2	Core II	Computer System Architecture	4	3	25	75	100
	20MCA1CC3	Core III	Database Systems	4	3	25	75	100
	20MCA1CC4	Core IV	Resource Management Techniques	4	3	25	75	100
	20MCA1CC5	Core V	Management Information Systems	4	3	25	75	100
	20MCA1CC6P	Core VI	Java Programming Lab - Practical	4	3	20	80	100
	20MCA1CC7P	Core VII	RDBMS Lab - Practical	4	3	20	80	100
	20MCA1SE1	SEC 1	Communication Skills *	2	1	100	-	100
			TOTAL	**30**	**22**			**800**
II	20MCA2CC8	Core VIII	Data Structures and Algorithms	4	3	25	75	100
	20MCA2CC9	Core IX	R Programming with Statistics	4	3	25	75	100
	20MCA2CC10	Core X	Operating Systems	4	3	25	75	100
	20MCA2DE1A/B/C	DSE 1		4	4	25	75	100
	20MCA2DE2A/B/C	DSE 2		4	4	25	75	100
	20MCA2CC11P	Core XI	Data Structures Lab – Practical	4	3	20	80	100
	20MCA2CC12P	Core XII	R Programming Lab - Practical	4	3	20	80	100
	20MCA2SE2	SEC 2	Quantitative Aptitude *	2	1	100	-	100
	20MCA2EC1	Extra Credit Course-1	Summer Internship	-	2	-	-	-
			TOTAL	**30**	**24**			**800**
III	20MCA3CC13	Core XIII	Python Programming	4	3	25	75	100
	20MCA3CC14	Core XIV	.NET Technology	4	3	25	75	100
	20MCA3CC15	Core XV	Artificial Intelligence and Machine Learning	4	3	25	75	100
	20MCA3DE3A/B/C	DSE 3		4	4	25	75	100
	20MCA3DE4A/B/C	DSE 4		4	4	25	75	100
	20MCA3CC16P	Core XVI	Python Programming Lab - Practical	4	3	20	80	100
	20MCA3CC17P	Core XVII	.NET Lab - Practical	4	3	20	80	100
	20MCA3SE3	SEC 3	Innovation and Startup Skills	2	1	100		100
	20MCA3EC2	Extra Credit Course-2	Online Certificate Course #	-	1			
			TOTAL	**30**	**24**			**800**
IV	20MCA4CC18	Core XVIII	Distributed Technology	4	3	25	75	100
	20MCA4DE5A/B/C	DSE 5		4	4	25	75	100
	20MCA4CC19P	Core XIX	Distributed Technology Lab - Practical	4	3	20	80	100
	20MCA4PW	Project Work	Industrial Experience and Project Work	18	9	25	75	100
	20MCA4EC3	Extra Credit Course-3	Online Certificate Course #	-	1			
	20PCNOC		MOOC (Mandatory)	-	1	-	-	-
			TOTAL	**30**	**20**			**400**
			GRAND TOTAL	**120**	**90**			**2800**

DSE – Discipline Specific Elective   SEC – Skill Enhancement Course

* Paper fully Internal

 # Not considered for Grand Total and CGPA

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
II	20MCA2DE1A	Computer Networks
	20MCA2DE1B	Network Security and Cryptography
	20MCA2DE1C	Mobile Communication
	20MCA2DE2A	Data Science
	20MCA2DE2B	Big Data Analytics
	20MCA2DE2C	Microprocessors, Interfacing and Applications
III	20MCA3DE3A	Parallel Processing
	20MCA3DE3B	Grid Computing
	20MCA3DE3C	Cloud Computing
	20MCA3DE4A	Software Testing
	20MCA3DE4B	Internet of Things
	20MCA3DE4C	Compiler Design
IV	20MCA4DE5A	Organizational Dynamics
	20MCA4DE5B	Accounting and Financial Management
	20MCA4DE5C	Human Resource Management

MANDATORY BRIDGE COURSES FOR NON-COMPUTER SCIENCE STREAM STUDENTS-30 CREDITS

SEM	SUBJECT CODE	COURSE	SUBJECT TITLE	HRS/ WEEK	CREDIT	INT. MARK	EXT. MARK	MARK
I	20MCA1ACC1	ADDL. Core I	C and C++ Programming **	-	5	100	-	100
	20MCA1ACC2P	ADDL. Core II	C and C++ Programming Lab ** - Practical	-	5	100	-	100
			TOTAL	-	10	200		200
II	20MCA2ACC3	ADDL. Core III	Web Design **	-	5	100	-	100
	20MCA2ACC4P	ADDL. Core IV	HTML and Java Script Lab **-Practical	-	5	100	-	100
			TOTAL	-	10	200	-	200
III	20MCA3ACC5	ADDL. Core V	Computer Graphics **	-	5	100	-	100
	20MCA3ACC6P	ADDL. Core VI	Animation Lab **-Practical	-	5	100	-	100
			TOTAL	-	10	200	-	200

** Course Fully Internal and in Self-study Mode

EXTRA CREDIT COURSES	SEMESTER	CREDITS
Summer Internship	End of II	2
Online Certificate Course	III	1
Online Certificate Course	IV	1
TOTAL		4

M.Sc. INFORMATION TECHNOLOGY

SEM	COURSE CODE	COURSE	COURSE TITLE	INS. HRS	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20PIT1CC1	Core– I	ASP.NET	6	5	25	75	100
	20PIT1CC2	Core – II	Data Structures and Algorithms	6	5	25	75	100
	20PIT1CC3	Core– III	Database Systems	6	4	25	75	100
	20PIT1CC4P1	Core– IV A	ASP.NET Lab - Practical	3	2	10	40	50
	20PIT1CC4P2	Core– IV B	RDBMS Lab - Practical	3	2	10	40	50
	20PIT1DE1A/B	DSE – I #		6	4	25	75	100
			TOTAL	30	22			500
II	20PIT2CC5	Core– V	Java Programming	6	5	25	75	100
	20PIT2CC6	Core– VI	Mobile Communication	6	5	25	75	100
	20PIT2CC7	Core– VII	Data Science and R Programming	6	4	25	75	100
	20PIT2CC8P1	Core– VIII A	Java Programming Lab - Practical	3	2	10	40	50
	20PIT2CC8P2	Core– VIII B	R Programming Lab - Practical	3	2	10	40	50
	20PIT2DE2A/B	DSE – II#		6	4	25	75	100
			TOTAL	30	22			500
III	20PIT3CC9	Core– IX	Software Testing	6	5	25	75	100
	20PIT3CC10	Core– X	Web Services	6	5	25	75	100
	20PIT3CC11	Core– XI	Internet of Things	6	4	25	75	100
	20PIT3CC12P1	Core– XII A	Software Testing Lab - Practical	3	2	10	40	50
	20PIT3CC12P2	Core– XII B	Web Services Lab- Practical	3	2	10	40	50
	20PIT3DE3A/B	DSE – III#		6	4	25	75	100
	20PIT3EC1	Extra Credit Course-I	Online Course (MOOC)	-	1*	-	-	-
			TOTAL	30	22			500
IV	20PIT4CC13	Core– XIII	Open Source Technology	6	5	25	75	100
	20PIT4CC14P1	Core– XIVA	Open Source Technology Lab - Practical	3	3	10	40	50
	20PIT4CC14P2	Core– XIVB	Angular JS Lab - Practical	3	2	10	40	50
	20PIT4PW	Project	Project work	18	13	-	300	300
	20PIT4EC2	Extra Credit Course -II	Information Technology for Career Examinations	-	5*	-	100*	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			TOTAL	30	24			500
			GRAND TOTAL	120	90			2000

*Not considered for grand total and CGPA

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
I	20PIT1DE1A	Artificial Intelligence and Machine Learning
	20PIT1DE1B	Data Communication Networks
II	20PIT2DE2A	Semantic Web
	20PIT2DE2B	Cryptography and Network Security
III	20PIT3DE3A	Soft Computing
	20PIT3DE3B	Cloud Computing

M.A. ECONOMICS

SEM	COURSE CODE	COURSE	COURSE TITLE	INS. HRS / WEEK	CREDIT	MARKS		TOTAL
						CIA	ESE	
I	20PEC1CC1	Core – I	Advanced Micro Economic Theory – I	6	5	25	75	100
	20PEC1CC2	Core – II	Advanced Macro Economic Theory	6	5	25	75	100
	20PEC1CC3	Core – III	Mathematical Applications in Economic Analysis	6	4	25	75	100
	20PEC1CC4	Core – IV	International Economics	6	4	25	75	100
	20PEC1DE1A/B	DSE – I #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
II	20PEC2CC5	Core – V	Advanced Micro Economic Theory – II	6	5	25	75	100
	20PEC2CC6	Core – VI	Monetary Economics	6	5	25	75	100
	20PEC2CC7	Core – VII	Statistical Methods for Economic Analysis	6	4	25	75	100
	20PEC2CC8	Core – VIII	Evolution of Economic Thought	6	4	25	75	100
	20PEC2DE2A/B	DSE – II #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
III	20PEC3CC9	Core – IX	Research Methodology	6	5	25	75	100
	20PEC3CC10	Core – X	Managerial Economics	6	5	25	75	100
	20PEC3CC11	Core – XI	Economics of Growth and Development	6	4	25	75	100
	20PEC3CC12	Core – XII (a)	Computer Applications in Economics	3	2	10	40	50
	20PEC3CC12P	Core – XII (b)	Computer Applications in Economics – Practical	3	2	10	40	50
	20PEC3DE3A/B	DSE – III #		6	4	25	75	100
	20PEC3EC1	Extra Credit Course - I	Online Course (MOOC)	-	1*	-	-	-
			TOTAL	**30**	**22**			**500**
IV	20PEC4CC13	Core – XIII	Indian Economic Development	6	5	25	75	100
	20PEC4CC14	Core – XIV	Public Finance	6	5	25	75	100
	20PEC4CC15	Core – XV	Comparative Economic Systems	6	5	25	75	100
	20PEC4DE4A/B	DSE - IV #		6	4	25	75	100
	20PEC4PW	Project	Project work	6	4	-	100	100
	20PEC4EC2	Extra Credit Course - II	Economics for Career Examinations	-	5*	-	100*	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	
			TOTAL	**30**	**24**			**500**
			GRAND TOTAL	**120**	**90**			**2000**

*Not considered for grand total and CGPA

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
I	20PEC1DE1A	Environmental Economics
	20PEC1DE1B	Personnel Management
II	20PEC2DE2A	Export Management
	20PEC2DE2B	Industrial Economics
III	20PEC3DE3A	Financial Economics
	20PEC3DE3B	Entrepreneurial Development
IV	20PEC4DE4A	Econometrics
	20PEC4DE4B	Theory and Practices of Interest Free Banking and Finance

M.A. ENGLISH

SEM	COURSE CODE	COURSE	COURSE TITLE	INS. HRS / WEEK	CREDIT	CIA	ESE	TOTAL
I	20PEN1CC1	Core - I	British Literature – I	6	5	25	75	100
	20PEN1CC2	Core - II	British Literature – II	6	5	25	75	100
	20PEN1CC3	Core - III	Shakespeare	6	4	25	75	100
	20PEN1CC4	Core - IV	American Literature	6	4	25	75	100
	20PEN1DE1A/B	DSE – I #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
II	20PEN2CC5	Core– V	British Literature – III	6	5	25	75	100
	20PEN2CC6	Core - VI	British Literature -IV	6	5	25	75	100
	20PEN2CC7	Core - VII	History of English Language and Structure of Modern English	6	4	25	75	100
	20PEN2CC8	Core - VIII	Indian Writing in English	6	4	25	75	100
	20PEN2DE2A/B	DSE – II #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
III	20PEN3CC9	Core - IX	Theory of Comparative Literature	6	5	25	75	100
	20PEN3CC10	Core - X	Post-Colonial Literature	6	5	25	75	100
	20PEN3CC11	Core - XI	Voices of Women in Literature	6	4	25	75	100
	20PEN3CC12	Core - XII	English Language Teaching	6	4	25	75	100
	20PEN3DE3A/B	DSE – III #		6	4	25	75	100
	20PEN3EC1	Extra Credit Course - I	Online Course (MOOC)	-	1*	-	-	-
			TOTAL	**30**	**22**			**500**
IV	20PEN4CC13	Core - XIII	Research Techniques and Methodology	6	5	25	75	100
	20PEN4CC14	Core– XIV	Contemporary Literary Criticism	6	5	25	75	100
	20PEN4CC15	Core– XV	Post Modern Literature	6	5	25	75	100
	20PEN4DE4A/B	DSE- IV #		6	4	25	75	100
	20PEN4PW	Project	Project work	6	4	-	100	100
	20PEN4EC2	Extra Credit Course - II	Memoirs Literature	-	5*	-	100*	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			TOTAL	**30**	**24**			**500**
			GRAND TOTAL	**120**	**90**			**2000**

*Not considered for Grand Total and CGPA

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
I	20PEN1DE1A	Mass Media Studies
	20PEN1DE1B	Discourse Analysis and Pragmatics
II	20PEN2DE2A	Advanced Communication Skills
	20PEN2DE2B	Creative Writing
III	20PEN3DE3A	English Literature For Career Examinations
	20PEN3DE3B	Regional Literature In English
IV	20PEN4DE4A	South Asian Fiction
	20PEN4DE4B	Science Fiction

M.Sc. FASHION TECHNOLOGY AND COSTUME DESIGNING

SEM	COURSE CODE	COURSE	COURSE TITLE	INS. HRS / WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20PFT1CC1	Core – I	Advanced Textile Production	6	5	25	75	100
	20PFT1CC2	Core – II	Quality Standards and Specifications	6	5	25	75	100
	20PFT1CC3P	Core – III	Fashion Illustration and Embellishment - Practical	6	4	20	80	100
	20PFT1CC4P	Core – IV	Fashion Draping and Construction - Practical	6	4	20	80	100
	20PFT1DE1A/B	DSE – I #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
II	20PFT2CC5	Core – V	Research Methods and Statistics	6	5	25	75	100
	20PFT2CC6	Core – VI	Technical Textile	6	5	25	75	100
	20PFT2CC7P	Core – VII	Computer Aided Designing - Practical - I	6	4	20	80	100
	20PFT2CC8P	Core – VIII	Design with Prints – Practical	6	4	20	80	100
	20PFT2DE2A/B	DSE – II #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
III	20PFT3CC9	Core – IX	Advanced Textile Testing	6	5	25	75	100
	20PFT3CC10P	Core – X	Textile Testing - Practical	6	5	20	80	100
	20PFT3CC11P	Core – XI	Home Textiles – Practical	6	4	20	80	100
	20PFT3CC12P	Core – XII	Computer Aided Pattern Making and Grading - Practical – II	6	4	20	80	100
	20PFT3DE3A/B	DSE – III #		6	4	25	75	100
	20PFT3EC1	Extra Credit Course – I	Online Course (MOOC)	-	1*	-	-	-
			TOTAL	**30**	**22**			**500**
IV	20PFT4CC13	Core – XIII	Advanced Wet Processing	6	5	25	75	100
	20PFT4CC14	Core – XIV	Export Documentation	6	5	25	75	100
	20PFT4CC15P	Core – XV	Fashion Portfolio Presentation – Practical	6	5	20	80	100
	20PFT4PW	Project	Project work	12	8	-	200	200
	20PFT4EC2	Extra Credit Course-II	Fashion Technology for Career Examinations	-	5*	-	100*	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			TOTAL	**30**	**24**			**500**
			GRAND TOTAL		**90**			**2000**

* Not considered for grand total and CGPA

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	DISCIPLINE SPECIFIC ELECTIVE
I	20PFT1DE1A	Fashion Marketing and Retailing
	20PFT1DE1B	Computer Application in Fashion Designing
II	20PFT2DE2A	Entrepreneurial Development
	20PFT2DE2B	Home Textiles
III	20PFT3DE3A	Home Science
	20PFT3DE3B	Digital Marketing

M.A. HISTORY

SEM	COURSE CODE	COURSE	COURSE TITLE	INS. HRS / WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20PHS1CC1	Core Course – I	History of India upto 1206 C.E.	6	5	25	75	100
	20PHS1CC2	Core Course – II	History of TamilNadu upto 1336 C.E.	6	5	25	75	100
	20PHS1CC3	Core Course – III	Arab Society and Culture upto 750 C.E.	6	4	25	75	100
	20PHS1CC4	Core Course – IV	History of USA From 1865 C.E. to 1992 C.E.	6	4	25	75	100
	20PHS1DE1 A/B	DSE– I #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
II	20PHS2CC5	Core Course – V	History of India from 1206 C.E. to 1757 C.E.	6	5	25	75	100
	20PHS2CC6	Core Course – VI	History of TamilNadu from 1336 C.E to 1987 C.E.	6	5	25	75	100
	20PHS2CC7	Core Course – VII	Arab Society and Culture from 750 C.E. to 1258 C.E.	6	4	25	75	100
	20PHS2CC8	Core Course – VIII	Modern Europe from 1453 C.E. to 1815 C.E.	6	4	25	75	100
	20PHS2DE2 A/B	DSE – II #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
III	20PHS3CC9	Core Course – IX	Historiography: Concepts and Methods	6	5	25	75	100
	20PHS3CC10	Core Course – X	History of India from 1757 C.E to 1857C.E.	6	5	25	75	100
	20PHS3CC11	Core Course – XI	Modern Europe from 1815 C.E to 1945 C.E.	6	4	25	75	100
	20PHS3CC12	Core Course – XII	Indian Administration	6	4	25	75	100
	20PHS3DE3 A/B	DSE – III #		6	4	25	75	100
	20PHS3EC1	Extra Credit Course – I	Online Course (MOOC)	-	1*	-	-	-
			TOTAL	**30**	**22**			**500**
IV	20PHS4CC13	Core Course – XIII	History of India from 1857 C.E. to 1947 C.E.	6	5	25	75	100
	20PHS4CC14	Core Course – XIV	India After Independence	6	5	25	75	100
	20PHS4CC15	Core Course – XV	International Relations Since 1945 C.E.	6	5	25	75	100
	20PHS4DE4 A/B	DSE – IV #		6	4	25	75	100
	20PHS4PW	Project		6	4	-	100	100
	20PHS4EC2	Extra Credit Course – II	History for Career Examinations	-	5*	-	100*	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			TOTAL	**30**	**24**			**500**
			GRAND TOTAL	**120**	**90**			**2000**

*Not considered for Grand Total and CGPA

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
I	20PHS1DE1A	Intellectuals of Tamilnadu
	20PHS1DE1B	Intellectuals History of India
II	20PHS2DE2A	Constitution of India
	20PHS2DE2B	History of Science and Technology
III	20PHS3DE3A	Human Rights
	20PHS3DE3B	Modern Political Thoughts
IV	20PHS4DE4A	Teaching and Research Aptitude
	20PHS4DE4B	Panchayat Raj

M.B.A.

SEM	COURSE CODE	COURSE	COURSE TITLE	HRS/ WEEK	CREDIT	CIA MARKS	ESE MARKS	TOTAL MARKS
I	20MBA1CC1	CORE I	Quantitative Methods for Managers	5	5	25	75	100
	20MBA1CC2	CORE II	Economics for Decision Making	5	4	25	75	100
	20MBA1CC3	CORE III	Corporate Communication ***	5	4	100	-	100
	20MBA1CC4	CORE IV	Accounting for Managers	5	5	25	75	100
	20MBA1CC5	CORE V	Organisational Behaviour	5	5	25	75	100
	20MBA1CC6	CORE VI	Information Systems for Business	5	4	25	75	100
	20MBA1CV1	Comprehensive Viva Voce - I	Comprehensive Viva Voce-I ***	-	2	100	-	100
	20MBA1OBT	Outward-bound Training Programme	Outward-bound Training Programme (OBT) – 3 days **	-	-	-	-	-
			TOTAL	**30**	**29**			**700**
II	20MBA2CC7	CORE VII	Operations Research	5	4	25	75	100
	20MBA2CC8	CORE VIII	Operations Management	4	4	25	75	100
	20MBA2CC9	CORE IX	Financial Management	5	4	25	75	100
	20MBA2CC10	CORE X	Marketing Management	4	4	25	75	100
	20MBA2CC11	CORE XI	Human Resource Management	4	4	25	75	100
	20MBA2CC12	CORE XII	Advanced MS Excel for Managers***	4	4	100	-	100
	20MBA2CC13	CORE XIII	Business Analytics	4	4	25	75	100
	20MBA2CV2	Comprehensive Viva Voce - II	Comprehensive Viva Voce-II***	-	2	100	-	100
	20MBA2SP	Social Project	Societal Immersion Programme (4 days)**	-	-	-	-	-
			TOTAL	**30**	**30**			**800**
III	20MBA3SI	Internship	Summer Internship***	-	2	100	-	100
	20MBA3CC14	CORE XIV	Research Methods in Management	5	4	25	75	100
	20MBA3CC15	CORE XV	Career Development***	4	2	100	-	100
	20MBA3CC16	CORE XVI	Entrepreneurial Development	5	4	25	75	100
	20MBA###	#DSE I	Paper 1 from Specialisation I	4	4	25	75	100
	20MBA###	#DSE II	Paper 2 from Specialisation I	4	4	25	75	100
	20MBA###	#DSE III	Paper 1 from Specialisation II	4	4	25	75	100
	20MBA###	#DSE IV	Paper 2 from Specialisation II	4	4	25	75	100
	20MBA3EC1	EXTRA CREDIT-I	Online Course (SWAYAM/NPTEL)	-	1*	-	-	-
	20MBA3CV3	Comprehensive Viva Voce - III	Comprehensive Viva Voce-III***	-	2	100	-	100
			TOTAL	**30**	**30**			**900**
IV	20MBA4PW	Project Work	Project Work(15 Weeks)	-	4	100	100	200
	20MBA4CC17	CORE XVII	International Business Management	5	4	25	75	100
	20MBA4CC18	CORE XVIII	Strategic Management	5	4	25	75	100
	20MBA###	#DSE V	Paper 3 from Specialisation I	5	4	25	75	100
	20MBA###	#DSEVI	Paper 4 from Specialisation I	5	4	25	75	100
	20MBA###	#DSE VII	Paper 3 from Specialisation II	5	4	25	75	100
	20MBA###	#DSEVIII	Paper 4 from Specialisation II	5	4	25	75	100
	20MBA4CV4	Comprehensive Viva Voce - IV	Comprehensive Viva Voce-IV***	-	2	100	-	100
	20MBA4EC2	EXTRA CREDIT-II	Management studies for career Development	-	5*	-	100*	100*
	20PCNOC	-	Online Course (compulsory)	-	1*	-	-	-
			TOTAL	**30**	**30**			**900**
			GRAND TOTAL	**120**	**120**			**3300**
* Not Considered for grand total and CGPA								
** Grading system only								
*** Fully Internal and Practice Oriented								
# DSE – Discipline Specific Elective								

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 MARKS	ESE MARKS	TOTAL MARKS
MARKETING (A)						
20MBA3DEA1	Consumer Behaviour	4	4	25	75	100
20MBA3DEA2	Advertising and Sales Promotion	4	4	25	75	100
20MBA3DEA3	Sales Management	4	4	25	75	100
20MBA3DEA4	Brand Management	4	4	25	75	100
20MBA3DEA5	Digital Marketing	4	4	25	75	100
FINANCE (B)						
20MBA3DEB1	Security Analysis and Portfolio Management	4	4	25	75	100
20MBA3DEB2	Financial Derivatives	4	4	25	75	100
20MBA3DEB3	Strategic Financial Management	4	4	25	75	100
20MBA3DEB4	Risk Management	4	4	25	75	100
20MBA3DEB5	Financial Institutions and Markets	4	4	25	75	100
HUMAN RESOURCE (C)						
20MBA3DEC1	Strategic Human Resource Management	4	4	25	75	100
20MBA3DEC2	Talent Management	4	4	25	75	100
20MBA3DEC3	Change Management ,,	4	4	25	75	100
20MBA3DEC4	Training and Develpoment ,,	4	4	25	75	100
20MBA3DEC5	Industrial Relations and Labour Legislations	4	4	25	75	100
SYSTEMS (D)						
20MBA3DED1	Knowledge Management System	4	4	25	75	100
20MBA3DED2	IT Strategy for Business ,,	4	4	25	75	100
20MBA3DED3	Modern Database Management System	4	4	25	75	100
20MBA3DED4	Information Technology Management ,,	4	4	25	75	100
20MBA3DED5	Data Mining	4	4	25	75	100
SUPPLY CHAIN MANAGEMENT (E)						
20MBA3DEE1	Inventory Management	4	4	25	75	100
20MBA3DEE2	Strategic Logistics Management	4	4	25	75	100
20MBA3DEE3	Material Flow Management	4	4	25	75	100
20MBA3DEE4	Essentials of Supply Chain Management	4	4	25	75	100
20MBA3DEE5	Vendor Management	4	4	25	75	100
ENTREPRENEURSHIP (F)						
20MBA3DEF1	Innovation and Startup	4	4	25	75	100
20MBA3DEF2	Project management	4	4	25	75	100
20MBA3DEF3	Entrepreneurial Finance	4	4	25	75	100
20MBA3DEF4	Information Technology and E- Commerce	4	4	25	75	100
20MBA3DEF5	Business plans	4	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	CIA MARKS	ESE MARKS	TOTAL MARKS
	MARKETING (A)					
20MBA4DEA1	Retail Management	5	4	25	75	100
20MBA4DEA2	International Marketing	5	4	25	75	100
20MBA4DEA3	Customer Relationship Management	5	4	25	75	100
20MBA4DEA4	Services Marketing	5	4	25	75	100
20MBA4DEA5	Marketing Research	5	4	25	75	100
	FINANCE (B)					
20MBA4DEB1	Financial Modelling using Excel	5	4	25	75	100
20MBA4DEB2	Banking and Insurance	5	4	25	75	100
20MBA4DEB3	International Finance	5	4	25	75	100
20MBA4DEB4	Financial Services	5	4	25	75	100
20MBA4DEB5	Tax Management	5	4	25	75	100
	HUMAN RESOURCE (C)					
20MBA4DEC1	HR Analytics	5	4	25	75	100
20MBA4DEC2	International Human Resource Management	5	4	25	75	100
20MBA4DEC3	Performance Management	5	4	25	75	100
20MBA4DEC4	Managerial Behaviour and Effectiveness	5	4	25	75	100
20MBA4DEC5	Human Resource Development	5	4	25	75	100
	SYSTEMS (D)					
20MBA4DED1	Software Project Management	5	4	25	75	100
20MBA4DED2	Cyber Security	5	4	25	75	100
20MBA4DED3	Enterprise-Wide Information System	5	4	25	75	100
20MBA4DED4	Decision Support System	5	4	25	75	100
20MBA4DED5	E-Business	5	4	25	75	100
	SUPPLY CHAIN MANAGEMENT (E)					
20MBA4DEE1	Six sigma	5	4	25	75	100
20MBA4DEE2	Supply Chain Planning	5	4	25	75	100
20MBA4DEE3	Supply Chain Coordination	5	4	25	75	100
20MBA4DEE4	Modeling for Supply Chains	5	4	25	75	100
20MBA4DEE5	Theory of Constraints	5	4	25	75	100
	ENTREPRENEURSHIP (F)					
20MBA4DEF1	Diversity Management	5	4	25	75	100
20MBA4DEF2	Business Opportunity Recognition and Forecasting	5	4	25	75	100
20MBA4DEF3	Creative problem solving	5	4	25	75	100
20MBA4DEF4	Small Business Management	5	4	25	75	100
20MBA4DEF5	Sustainable Enterprise	5	4	25	75	100

M.Sc. MATHEMATICS

SEM	COURSE CODE	COURSE	COURSE TITLE	INS. HRS / WEEK	CREDIT	CIA	ESE	TOTAL
I	20PMA1CC1	Core– I	Algebra-I	6	5	25	75	100
	20PMA1CC2	Core – II	Real Analysis	6	5	25	75	100
	20PMA1CC3	Core– III	Classical Dynamics	6	4	25	75	100
	20PMA1CC4	Core – IV	Ordinary Differential Equations	6	4	25	75	100
	20PMA1DE1A/B	DSE – I #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
II	20PMA2CC5	Core – V	Algebra-II	6	5	25	75	100
	20PMA2CC6	Core – VI	Complex Analysis	6	5	25	75	100
	20PMA2CC7	Core– VII	Topology	6	4	25	75	100
	20PMA2CC8	Core – VIII	Numerical Analysis	6	4	25	75	100
	20PMA2DE2A/B	DSE – II #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
III	20PMA3CC9	Core– IX	Functional Analysis	6	5	25	75	100
	20PMA3CC10	Core– X	Partial Differential Equations	6	5	25	75	100
	20PMA3CC11	Core– XI	Modern Probability Theory	6	4	25	75	100
	20PMA3CC12	Core– XII	Advanced Graph Theory	6	4	25	75	100
	20PMA3DE3A/B	DSE – III #		6	4	25	75	100
	20PMA3EC1	Extra Credit Course – I	Online Course (MOOC)	-	1*	-	-	-
			TOTAL	**30**	**22**			**500**
IV	20PMA4CC13	Core– XIII	Measure theory and integration	6	5	25	75	100
	20PMA4CC14	Core– XIV	Fluid Dynamics	6	5	25	75	100
	20PMA4CC15	Core– XV	Integral Equations and Calculus of Variations	6	5	25	75	100
	20PMA4DE4A/B	DSE - IV #		6	4	25	75	100
	20PMA4PW	Project	Internship and Project Report	6	4	-	100	100
	20PMA4EC2	Extra Credit Course – II	Mathematics for career examinations	-	5*	-	100	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			TOTAL	**30**	**24**			**500**
			GRAND TOTAL	**120**	**90**			**2000**

* Not Considered for Grand Total and CGPA

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	DISCIPLINE SPECIFIC ELECTIVE
I	20PMA1DE1A	Mathematics of Finance
	20PMA1DE1B	Control Theory
II	20PMA2DE2A	Fuzzy Analysis & its Applications
	20PMA2DE2B	Mathematical Methods in Biology
III	20PMA3DE3A	Python Programming (10 + 40 = 50 Marks)
	20PMA3DE3AP	Python Programming - Practical (10 + 40 = 50 Marks)
	20PMA3DE3B	Computer Algorithms
IV	20PMA4DE4A	Advanced Operations Research
	20PMA4DE4B	Stochastic Processes

M.Sc. MICROBIOLOGY

SEM	COURSE CODE	COURSE	COURSE TITLE	HRS/WEEK	CREDIT	MARKS INTERNAL	MARKS EXTERNAL	Total Marks
I	20PMB1CC1	Core I	General Microbiology	6	5	25	75	100
	20PMB1CC2	Core II	Microbial Cell Physiology	6	5	25	75	100
	20PMB1CC3	Core III	Chemistry of Biomolecules	6	4	25	75	100
	20PMB1CC4P	Core IV	General Microbiology, Microbial Cell Physiology and Chemistry of Biomolecules - Practical	6	4	20	80	100
	20PMB1DE1A/B	DSE -I#		6	4	25	75	100
			TOTAL	30	22			500
II	20PMB2CC5	Core V	Microbial Genetics and Molecular Biology	6	5	25	75	100
	20PMB2CC6	Core VI	Genetic Engineering	6	5	25	75	100
	20PMB2CC7	Core VII	Environmental and Agricultural Microbiology	6	4	25	75	100
	20PMB2CC8P	Core VIII	Microbial Genetics and Molecular biology, Genetic Engineering, Environmental and Agricultural Microbiology - Practical	6	4	20	80	100
	20PMB2DE2A/B	DSE –II#		6	4	25	75	100
			TOTAL	30	22			500
III	20PMB3CC9	Core IX	Medical Microbiology	6	5	25	75	100
	20PMB3CC10	Core X	Immunology and Immunotechnology	6	5	25	75	100
	20PMB3CC11	Core XI	Bioenergetics and Enzymology	6	4	25	75	100
	20PMB3CC12P	Core XII	Medical Microbiology, Immunology and Immunotechnology, Bioenergetics and Enzymology - Practical	6	4	20	80	100
	20PMB3DE3A/B	DSE-III#		6	4	25	75	100
	20PMB3EC1	Extra Credit I	Online Course (MOOC)	-	1*	-	-	-
			TOTAL	30	22			500
IV	20PMB4CC13	Core XIII	Fermentation Technology	6	5	25	75	100
	20PMB4CC14	Core XIV	Food and dairy Microbiology	6	5	25	75	100
	20PMB4CC15	Core XV	Bioinformatics and Biostatistics	6	5	25	75	100
	20PMB4PW	Project Work	Project work	12	8	-	200	200
	20PMB4EC2	Extra Credit-II	Microbiology for career Examinations	-	5*	-	100*	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			TOTAL	30	24			500
			GRAND TOTAL	120	90			2000

*Not considered for Grand total and CGPA

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	SUBJECT CODE	COURSE TITLE
I	20PMB1DE1A	Virology
	20PMB1DE1B	Microbial Diversity
II	20PMB2DE2A	Microbial Ecology
	20PMB2DE2B	Bioremediation and Waste Management
III	20PMB3DE3A	Bioinstrumentation and Bioethics
	20PMB3DE3B	Endocrinology

M.Sc. NUTRITION AND DIETETICS

SEM	COURSE CODE	COURSE	COURSE TITLE	INS.HRS/WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20PND1CC1	Core - I	Advanced Food Science	6	5	25	75	100
	20PND1CC2	Core - II	Advanced Nutrition	6	5	25	75	100
	20PND1CC3	Core - III	Therapeutic Nutrition - I	6	4	25	75	100
	20PND1CC4P	Core - IV	Food Analysis - Practical	6	4	20	80	100
	20PND1DE1 A/B	DSE - I #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
II	20PND2CC5	Core - V	Nutrition in Life Span	6	5	25	75	100
	20PND2CC6	Core - VI	Chemistry for Nutritionist	6	5	25	75	100
	20PND2CC7	Core - VII	Therapeutic Nutrition - II	6	4	25	75	100
	20PND2CC8P	Core - VIII	Therapeutic Nutrition - Practical	6	4	20	80	100
	20PND2DE2 A/B	DSE - II #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
III	20PND3CC9 I	Core - IX	Dietetics Internship	6	5	20	80	100
	20PND3CC10	Core - X	Advanced Food Microbiology and Food Safety	6	5	25	75	100
	20PND3CC11	Core - XI	Research Methodology and Statistics in Nutrition and Dietetics	6	4	25	75	100
	20PND3CC12P	Core - XII	Advanced Food Microbiology and food Safety and Nutritional Biochemistry - Practical	6	4	20	80	100
	20PND3DE3 A/B	DSE - III #		6	4	25	75	100
	20PND3EC1	Extra Credit Course- I	Online Course (MOOC)	-	1*	-	-	-
			TOTAL	**30**	**22**			**500**
IV	20PND4CC13	Core - XIII	Food Service Management	6	5	25	75	100
	20PND4CC14	Core - XIV	Public Health and Community Nutrition	6	5	25	75	100
	20PND4CC15P	Core - XV	Computer Application - Practical	6	5	20	80	100
	20PND4PW	Project	Project work	12	8	-	200	200
	20PND4EC2	Extra Credit Course-II	Nutrition and Dietetics for career examinations	-	5*	-	100*	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			TOTAL	**30**	**24**			**500**
			GRAND TOTAL	**120**	**90**			**2000**

*Not considered for grand total and CGPA

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	CORE BASED ELECTIVE
I	20PND1DE1A	Food Chemistry
	20PND1DE1B	Nutraceuticals and Nutrigenomics
II	20PND2DE2A	Life Span Development
	20PND2DE2B	Food Packaging
III	20PND3DE3A	Nutritional Biochemistry
	20PND3DE3B	Nutritional Counselling and Education

M.Sc. PHYSICS

SEM	COURSE CODE	COURSE	COURSE TITLE	INS.HRS/ WEEK	CREDIT	MARKS		TOTAL
						CIA	ESE	
I	20PPH1CC1	Core– I	Classical Dynamics and Relativity	6	5	25	75	100
	20PPH1CC2	Core – II	Mathematical Methods for Physicists	6	5	25	75	100
	20PPH1CC3	Core– III	Electronic Devices and Circuits	6	4	25	75	100
	20PPH1CC4P1	Core– IV	Advanced General Physics I - Practical	3	2	10	40	50
	20PPH1CC4P2		Advanced General Physics II - Practical	3	2	10	40	50
	20PPH1DE1A/B	DSE - I **		6	4	25	75	100
			TOTAL	30	22			500
II	20PPH2CC5	Core– V	Advanced Mathematical Physics	6	5	25	75	100
	20PPH2CC6	Core– VI	Atomic and Molecular Spectroscopy	6	5	25	75	100
	20PPH2CC7	Core– VII	Electromagnetic Theory	6	4	25	75	100
	20PPH2CC8P1	Core– VIII	Solid State Physics - Practical	3	2	10	40	50
	20PPH2CC8P2		Analog Electronics - Practical	3	2	10	40	50
	20PPH2DE2A/B	DSE - II **		6	4	25	75	100
			TOTAL	30	22			500
III	20PPH3CC9	Core– IX	Nuclear and Particle Physics	6	5	25	75	100
	20PPH3CC10	Core– X	Quantum Mechanics	6	5	25	75	100
	20PPH3CC11	Core– XI	Statistical Mechanics	6	4	25	75	100
	20PPH3CC12P1	Core– XII	Digital Electronics - Practical	3	2	10	40	50
	20PPH3CC12P2		Numerical Programming in Physics - Practical	3	2	10	40	50
	20PPH3DE3A/B	DSE - III **		6	4	25	75	100
	20PPH3EC1	Extra Credit Course-I	Online Course (MOOC)	-	1*	-	-	-
			TOTAL	30	22			500
IV	20PPH4CC13	Core– XIII	Solid State Physics	6	5	25	75	100
	20PPH4CC14	Core– XIV	Electronic Communication	6	5	25	75	100
	20PPH4CC15P1	Core– XV	Microprocessor and Microcontroller - Practical	3	3	10	40	50
	20PPH4CC15P2		Numerical Simulations in Physics - Practical	3	2	10	40	50
	20PPH4DE4A/B	DSE - IV **		6	4	25	75	100
	20PPH4PW	Project	Project work	6	4	-	100	100
	20PPH4EC2	Extra Credit Course-II	Physics for career examinations	-	5*	-	100	100*
	20PCNOC		Online Course (Compulsory)	-	1	-	-	-
			TOTAL	30	24			500
			GRAND TOTAL	120	90			2000

* Not Considered for Grand Total and CGPA

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
I	20PPH1DE1A	Medical Physics and Ultrasonic
	20PPH1DE1B	Advanced Topics in Physics
II	20PPH2DE2A	Computational Physics
	20PPH2DE2B	Nanoscience and Technology
III	20PPH3DE3A	Microprocessor and Microcontroller
	20PPH3DE3B	Physics of Liquid Crystals
IV	20PPH4DE4A	Crystal Growth and Thin Films
	20PPH4DE4B	Fibre Optics and its Applications

M.S.W. (MASTER OF SOCIAL WORK)

SEM	COURSE CODE	COURSE	COURSE TITLE	INS.HRS/ WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20PSW1CC1	Core - I	Social Work Profession and Society	6	4	25	75	100
	20PSW1CC2	Core - II	Working With Individuals	6	4	25	75	100
	20PSW1CC3	Core - III	Working with Groups	6	4	25	75	100
	20PSW1CC4	Core - IV	Working with Communities	6	4	25	75	100
	20PSW1CC5	Core - V	Field Work Practicum	6 (30days)	4	-	100	100
			TOTAL	**30**	**20**			**500**
II	20PSW2CC6	Core - VI	Management of Welfare Organization	3	3	10	40	50
	20PSW2CC6P		Management of Welfare Organization– Practical	3	2	10	40	50
	20PSW2CC7	Core - VII	Research Methods in Social Work	6	4	25	75	100
	20PSW2CC8	Core - VIII	Human Growth and Personality Development	6	4	25	75	100
	20PSW2CC9	Core - IX	Counselling in Social Work: Theory and Practice	6	4	25	75	100
	20PSW2CC10	Core - X	Concurrent Field Work	6 (30days)	4	-	100	100
			TOTAL	**30**	**21**			**500**
III	20PSW3CC11	Core - XI	Summer Internship*	6	4	-	100	100
	20PSW3CC12	Core -XII	Social Entrepreneurship	6	4	25	75	100
	20PSW3CC13	Core -XIII	Disaster Management	6	4	25	75	100
	20PSW3DE11 20PSW3DE21 20PSW3DE31	DSE–I#		6	4	25	75	100
	20PSW3DE12 20PSW3DE22 20PSW3DE32	DSE–II#		6	4	25	75	100
	20PSW3DE13 20PSW3DE23 20PSW3DE33	DSE–III#		6	4	25	75	100
	20PSW3CC14	Core -XIV	Concurrent Field Work	6 (30days)	4	-	100	100
	20PSW3EC1	Extra Credit Course-I	Online Course (MOOC)	-	1*	-	-	-
			TOTAL	**42**	**29**			**700**
IV	20PSW4DE14 20PSW4DE24 20PSW4DE34	DSE–IV#		6	4	25	75	100
	20PSW4DE15 20PSW4DE25 20PSW4DE35	DSE–V#		6	4	25	75	100
	20PSW4CC15	Core - XV	Concurrent Field Work	6 (30 days)	4	-	100	100
	20PSW4CC16	Core - XVI	Pre-Employment Training/Block Placement	6 (30 days)	4	-	100	100
	20PSW4PW	Project	Project work	6	3	-	100	100
	20PSW4EC2	Extra Credit Course-II	Social Work for Career Examinations	-	5*	-	100*	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			TOTAL	**30**	**20**			**500**
			GRAND TOTAL	**132**	**90**			**2200**

Note: * The Summer Internship will be carried out at the end of II Semester (during Summer Vacation). However, the Viva-Voce (Internal & External) will be conducted in the beginning of the III Semester

** Not Considered for Grand Total and CGPA

#DISCIPLINE SPECIFIC ELECTIVE (DSE) DURING III AND IV SEMESTERS

LIST OF ELECTIVES (SPECIALIZATION - I, II & III)

SEMESTER	COURSE CODE	COURSE TITLE	HRS/ WEEK	CREDIT	CIA MARKS	ESE MARKS	TOTAL MARKS
SPECIALIZATION – I **CLINICAL SOCIAL WORK**							
III	20PSW3DE11	Community Health	6	4	25	75	100
	20PSW3DE12	Mental Health	6	4	25	75	100
	20PSW3DE13	Disability Social Work	6	4	25	75	100
IV	20PSW4DE14	Medical Social Work	6	4	25	75	100
	20PSW4DE15	Psychiatric Social Work	6	4	25	75	100
SPECIALIZATION – II **COMMUNITY DEVELOPMENT**							
III	20PSW3DE21	Rural Community Development	6	4	25	75	100
	20PSW3DE22	Urban Community Development	6	4	25	75	100
	20PSW3DE23	Tribal Community Development	6	4	25	75	100
IV	20PSW4DE24	Project Management	6	4	25	75	100
	20PSW4DE25	Social Development	6	4	25	75	100
SPECIALIZATION – III **HUMAN RESOURCE MANAGEMENT**							
III	20PSW3DE31	Human Resource Management	6	4	25	75	100
	20PSW3DE32	Industrial Relations and Labour Legislations	6	4	25	75	100
	20PSW3DE33	Training and Development	6	4	25	75	100
IV	20PSW4DE34	Organizational Behaviour	6	4	25	75	100
	20PSW4DE35	Strategic HRM	6	4	25	75	100

M.A. TAMIL

SEM	COURSE CODE	COURSE	COURSE TITLE	INS. HRS / WEEK	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20PTA1CC1	Core– I	தொல்காப்பியம் எழுத்ததிகாரம்	6	5	25	75	100
	20PTA1CC2	Core – II	இக்கால இலக்கியம்	6	5	25	75	100
	20PTA1CC3	Core – III	பக்தி இலக்கியம்	6	4	25	75	100
	20PTA1CC4	Core – IV	இலக்கியத் திறனாய்வியல்	6	4	25	75	100
	20PTA1DE1 A/B	DSE – I #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
II	20PTA2CC5	Core – V	தொல்காப்பியம் சொல்லதிகாரம்	6	5	25	75	100
	20PTA2CC6	Core – VI	காப்பிய இலக்கியம்	6	5	25	75	100
	20PTA2CC7	Core – VII	ஒப்பிலக்கியமும் மொழிபெயர்ப்பியலும்	6	4	25	75	100
	20PTA2CC8	Core – VIII	இஸ்லாமியத் தமிழ் இலக்கியம்	6	4	25	75	100
	20PTA2DE2 A/B	DSE– II #		6	4	25	75	100
			TOTAL	**30**	**22**			**500**
III	20PTA3CC9	Core – IX	தொல்காப்பியம் - பொருளதிகாரம்	6	5	25	75	100
	20PTA3CC10	Core – X	செவ்விலக்கியம்	6	5	25	75	100
	20PTA3CC11	Core – XI	ஊடகவியல்	6	4	25	75	100
	20PTA3CC12	Core – XII	அயலகத் தமிழ்	6	4	25	75	100
	20PTA3DE3 A/B	DSE – III #		6	4	25	75	100
	20PTA3EC1	Extra Credit - I	Online Course (MOOC)	-	1	-	-	-
			TOTAL	**30**	**22**			**500**
IV	20PTA4CC13	Core– XIII	இலக்கிய வரலாற்று நோக்கில் இஸ்லாமிய மெய்ஞ்ஞான இலக்கியங்கள்	6	5	25	75	100
	20PTA4CC14	Core – XIV	திராவிட மொழிகளின் ஒப்பிலக்கணம்	6	5	25	75	100
	20PTA4CC15	Core– XV	தமிழ் இலக்கண வரலாறும் உரையாசிரியர்களும்	6	5	25	75	100
	20PTA4DE4 A/B	DSE - IV #		6	4	25	75	100
	20PTA4PW	Project	Project work	6	4	-	100	100
	20PTA4EC2	Extra Credit - II	Tamil for career examination	-	5*	-	100	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			TOTAL	**30**	**24**			**500**
			GRAND TOTAL	**120**	**90**			**2000**

* Not Considered for Grand Total and CGPA

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
I	20PTA1DE1A	பண்பாட்டு மானிடவியல்
	20PTA1DE1B	தமிழ் மொழி வரலாறு
II	20PTA2DE2A	தமிழர் வரலாறும் பண்பாடும்
	20PTA2DE2B	அகராதியியல்
III	20PTA3DE3A	போட்டித்தேர்வுத்தமிழ்
	20PTA3DE3B	நாட்டுப்புறவியல்
IV	20PTA4DE4A	உரைநடை வளர்ச்சி
	20PTA4DE4B	சித்தர் இலக்கியம்

M.Sc. ZOOLOGY

SEM	COURSE CODE	COURSE	COURSE TITLE	INS. HRS / WEEK	CREDIT	CIA	ESE	TOTAL
I	20PZO1CC1	Core – I	Biology of Invertebrates & Chordates	6	5	25	75	100
	20PZO1CC2	Core – II	Developmental Biology	6	5	25	75	100
	20PZO1CC3	Core – III	Environmental Biology, Evolution and Paleontology	6	4	25	75	100
	20PZO1CC4P	Core – IV	Biology of Invertebrates and Chordates, Developmental Biology, Environmental Biology,Evolution and Paleontology - Practical	6	4	20	80	100
	20PZO1DE1A/B	DSE– I#		6	4	25	75	100
			TOTAL	30	22			500
II	20PZO2CC5	Core – V	Genetics	6	5	25	75	100
	20PZO2CC6	Core – VI	Cell and Molecular Biology	6	5	25	75	100
	20PZO2CC7	Core – VII	Animal Physiology	6	4	25	75	100
	20PZO2CC8P	Core – VIII	Genetics, Cell and Molecular Biology and Animal Physiology - Practical	6	4	20	80	100
	20PZO2DE2 A/B	DSE – II #		6	4	25	75	100
			TOTAL	30	22			500
III	20PZO3CC9	Core – IX	Biochemistry	6	5	25	75	100
	20PZO3CC10	Core – X	Immunology	6	5	25	75	100
	20PZO3CC11	Core – XI	Biostatistics and Bioinformatics	6	4	25	75	100
	20PZO3CC12P	Core – XII	Biochemistry, Immunology, Biostatistics and Bioinformatics - Practical	6	4	20	80	100
	20PZO3DE3 A/B	DSE – III #		6	4	25	75	100
	20PZO3EC1	Extra Credit Course – I	Online Course (MOOC)	-	1*	-	-	-
			TOTAL	30	22			500
IV	20PZO4CC13	Core – XIII	General and Applied Entomology	6	5	25	75	100
	20PZO4CC14R	Core – XIV	Microbiology	6	5	25	75	100
	20PZO4CC15P	Core – XV	General and Applied Entomology and Microbiology - Practical	6	5	20	80	100
	20PZO4DE4 A/B	DSE- IV #		6	4	25	75	100
	20PZO4PW	Project		6	4	-	100	100
	20PZO4EC2	Extra Credit Course – II	Zoology for career examinations	-	5*	-	100	100*
	20PCNOC	Online Course (Compulsory)		-	1	-	-	-
			TOTAL	30	24			500
			GRAND TOTAL		90			2000

DISCIPLINE SPECIFIC ELECTIVES

SEMESTER	COURSE CODE	COURSE TITLE
I	20PZO1DE1A	Biophysics, Radiation Biology and Nanotechnology
	20PZO1DE1B	Occupational Health and Safety
II	20PZO2DE2AR	Biotechnology
	20PZO2DE2B	Endocrinology
III	20PZO3DE3A	Animal Behaviour and Biodiversity Conservation
	20PZO3DE3B	Aquaculture and Farm Management
IV	20PZO4DE4AR	Research Methodology & Bioinstrumentation
	20PZO4DE4B	Clinical Lab Technology

M.Phil. ARABIC

SEM	SUB CODE	COURSE	SUBJECT TITLE	HRS / WEEK	CREDIT	CIA Mark	ESE MARK	TOTAL MARK
I	20MPAR1CC1	Core I	Research Methodology	4*	4	25	75	100
	20MPAR1CC2	Core II	Indo Arab Literature	4*	4	25	75	100
	20MPAR1CC3	Core III	Teaching and Learning Skills (Common Paper)	4*	4	25	75	100
	20MPAR1CC4	Core - IV (Elective)	Paper on Topic of Research (The syllabus will be prepared by the guide and examination will be conducted by the COE)	4*	4	25	75	100
			*One hour library for each course					
			TOTAL	16*	16			400
II	20MPAR2PD		Dissertation##	-	8	-	-	200
			GRAND TOTAL	16	24			600

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

M.Phil. BIOTECHNOLOGY

SEM	SUB CODE	COURSE	SUBJECT TITLE	HRS / WEEK	CREDIT	CIA MARK	ESE MARK	TOTAL MARK
I	20MPBT1CC1	Core - I	Research Methodology	4*	4	25	75	100
	20MPBT1CC2	Core- II	Advancements in Biotechnology	4*	4	25	75	100
	20MPBT1CC3	Core - III	Teaching and Learning Skills (Common Paper)	4*	4	25	75	100
	20MPBT1CC4	Core - IV (Elective)	Paper on Topic of Research (The syllabus will be prepared by the guide and examination will be conducted by the COE)	4*	4	25	75	100
			*One hour Library for each course					
			TOTAL	16*	16			400
II	20MPBT2PD		Dissertation##	-	8	-	-	200
			GRAND TOTAL	16	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	HOURS / WEEK	CREDIT	CIA Mark	ESE MARK	TOTAL MARK
I	20MPBO1CC1	Core – I	Research Methodology	4*	4	25	75	100
	20MPBO1CC2	Core – II	Recent Advances in Plant Science	4*	4	25	75	100
	20MPBO1CC3	Core – III	Teaching And Learning Skills (common paper)	4*	4	25	75	100
	20MPBO1CC4	Core – IV (Elective)	Paper on Topic of Research (The syllabus will be prepared by the guide and examination will be conducted by the COE)	4*	4	25	75	100
			*One-hour library for each course					
			TOTAL	16*	16			400
II	20MPBO2PD		Dissertation##	-	8	-	-	200
			GRAND TOTAL	16	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	SUB CODE	COURSE	SUBJECT TITLE	HRS / WEEK	CREDIT	CIA Mark	ESE MARK	TOTAL MARK
I	20MPCH1CC1	Core – I	Research Methodology	4*	4	25	75	100
	20MPCH1CC2	Core – II	Advanced Physical Methods and Molecular Modelling in Chemistry	4*	4	25	75	100
	20MPCH1CC3	Core – III	Teaching and Learning Skills (common paper)	4*	4	25	75	100
	20MPCH1CC4	Core - IV (Elective)	Paper on Topic of Research (The syllabus will be prepared by the Guide and Examination will be conducted by the COE)	4*	4	25	75	100
		*One hour library for each course						
	TOTAL			16*	16			400
II	20MPCH2PD		Dissertation##	-	8	-	-	200
	GRAND TOTAL			16	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	SUB CODE	COURSE	SUBJECT TITLE	HRS / WEEK	CREDIT	CIA Mark	ESE MARK	TOTAL MARK
I	20MPCO1CC1	Core - I	Research Methodology	4*	4	25	75	100
	20MPCO1CC2	Core - II	Functional Areas Of Management	4*	4	25	75	100
	20MPCO1CC3	Core - III	Teaching And Learning Skills (Common Paper)	4*	4	25	75	100
	20MPCO1CC4	Core - IV (Elective)	Paper On Topic of Research (The Syllabus Will Be Prepared By The Guide And Examination Will Be Conducted By The Coe)	4*	4	25	75	100
		*One Hour Library For Each Course						
	TOTAL			16*	16			400
II	20MPCO2PD		Dissertation ##	-	8	-	-	200
	GRAND TOTAL			16	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 MARK	ESE MARK	TOTAL MARK
I	20MPCS1CC1	CORE I	Research Methodology	4*	4	25	75	100
	20MPCS1CC2	CORE II	Advanced Concepts in Computer Science	4*	4	25	75	100
	20MPCS1CC3	CORE III	Teaching and Learning Skills (common paper)	4*	4	25	75	100
	20MPCS1CC4	CORE IV (ELECTIVE)	Paper On Topic of Research (The syllabus will be prepared by the Guide and Examination will be conducted by the COE)	4*	4	25	75	100
	TOTAL			16	16			400
II	20MPCS2PD		Dissertation##	-	8	-	-	200
	GRAND TOTAL			16	24			600

(Evaluation of the Dissertation shall be made jointly by the Research Supervisor and the External Examiner)

M.Phil. ECONOMICS

SEM	SUB CODE	COURSE	SUBJECT TITLE	HRS / WEEK	CREDIT	CIA MARK	ESE MARK	TOTAL MARK
I	20MPEC1CC1	Core - I	Research Methodology	4*	4	25	75	100
	20MPEC1CC2	Core - II	Advanced Theories in Economics	4*	4	25	75	100
	20MPEC1CC3	Core - III	Teaching and Learning Skills (Common Paper)	4*	4	25	75	100
	20MPEC1CC4	Core - IV (Elective)	Paper on Topic of Research (The syllabus will be prepared by the guide and examination will be conducted by the COE)	4*	4	25	75	100
			*One hour library for each course					
			TOTAL	16*	16			400
II	20MPEC2PD		Dissertation##	-	8	-	-	200
			GRAND TOTAL	16	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	SUBJECT CODE	COURSE	SUBJECT TITLE	HRS / WEEK	CREDIT	CIA MARK	ESE MARK	TOTAL MARK
I	20MPEN1CC1	Core- I	Research Methodology and Theory of Literature	4*	4	25	75	100
	20MPEN1CC2	Core- II	Contemporary Literary Theory	4*	4	25	75	100
	20MPEN1CC3	Core -III	Teaching and Learning Skills	4*	4	25	75	100
	20MPEN1CC4	Core- IV (Elective)	Paper on Topic of Research (The syllabus will be prepared by the guide and examination will be conducted by the COE)	4*	4	25	75	100
			* One-hour library for each course					
			TOTAL	16*	16			400
II	20MPEN2PD	Dissertation ##		-	8	-	-	200
			GRAND TOTAL	16	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	SUB CODE	COURSE	SUBJECT TITLE	HRS / WEEK	CREDIT	CIA Mark	ESE MARK	TOTAL MARK
I	20MPHS1CC1	Core I	Research Methodology	4*	4	25	75	100
	20MPHS1CC2	Core II	Historiography	4*	4	25	75	100
	20MPHS1CC3	Core III	Teaching and Learning Skills (common paper)	4*	4	25	75	100
	20MPHS1CC4	Core IV (Elective)	Paper on Topic of Research (The Syllabus will be prepared by the Guide and Examination will be Conducted by the COE)	4*	4	25	75	100
			*One hour library for each course					
			TOTAL	16*	16			400
II	20MPHS2PD		Dissertation##	-	8	-	-	200
			GRAND TOTAL	16	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	SUBJECT CODE	COURSE	SUBJECT TITLE	HRS / WEEK	CREDIT	CIA MARKS	ESE MARKS	MARKS
I	20MPMS1CC1	Core -I	Research Methodology	4*	4	25	75	100
	20MPMS1CC2	Core - II	Advanced Strategic Management	4*	4	25	75	100
	20MPMS1CC3	Core - III	Teaching and Learning Skills (Common Paper)	4*	4	25	75	100
	20MPMS1CC4	Core - IV	Paper on Topic of Research (The syllabus will be prepared by the guide and examination will be conducted by the COE)	4*	4	25	75	100
			TOTAL	16	16			400
II	20MPMS2PD		Dissertation##	-	8	-	-	200
			GRAND TOTAL	16	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	SUB CODE	COURSE	SUBJECT TITLE	HRS / WEEK	CREDIT	CIA Mark	ESE MARK	TOTAL MARK
I	20MPMA1CC1	Core I	Research Methodology	4*	4	25	75	100
	20MPMA1CC2	Core II	Analysis and Applied Mathematics	4*	4	25	75	100
	20MPMA1CC3	Core III	Teaching & Learning Skills (Common Paper)	4*	4	25	75	100
	20MPMA1CC4	Core IV (Elective)	Paper on Topic of Research (The syllabus will be prepared by the guide and examination will be conducted by the COE)	4*	4	25	75	100
		*One hour library for each course						
			TOTAL	16*	16			400
II	20MPMA2PD		Dissertation##	-	8	-	-	200
			GRAND TOTAL	16	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	HOURS / WEEK	CREDIT	INTERNAL MARKS	EXTERNAL MARKS	MARKS
I	20MPMB1CC1	Core I	Research Methodology	4*	4	25	75	100
	20MPMB1CC2	Core II	Advances in Microbiology	4*	4	25	75	100
	20MPMB1CC3	Core III	Teaching and Learning Skills (Common Paper)	4*	4	25	75	100
	20MPMB1CC4	Core IV	Paper on topic of Research (The syllabus will be prepared by the guide and Examination will be conducted by the COE)	4*	4	25	75	100
	*One hour library for each course							
			TOTAL	16	16			400
II	20MPMB2PD		Dissertation##	-	8	-	-	200
			GRAND TOTAL	16	24			600

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

M.Phil. NUTRITION & DIETETICS

SEM	SUB CODE	COURSE	SUBJECT TITLE	HRS / WEEK	CREDIT	CIA MARK	ESE MARK	TOTAL MARK
I	20MPND1CC1	Core I	Research Methodology and Statistics in Nutrition and Dietetics	4*	4	25	75	100
	20MPND1CC2	Core II	Current Research Trends in Nutrition and Dietetics	4*	4	25	75	100
	20MPND1CC3	Core III	Teaching and Learning Skills (Common Paper)	4*	4	25	75	100
	20MPND1CC4	Core IV	Paper on topic of Research (The syllabus will be prepared by the guide and Examination will be conducted by the COE)	4*	4	25	75	100
			*One hour library for each course					
			TOTAL	16*	16			400
II	20MPND2PD		Dissertation##	-	8	-	-	200
			GRAND TOTAL	16	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	SUB CODE	COURSE	SUBJECT TITLE	HRS / WEEK	CREDIT	CIA Mark	ESE MARK	TOTAL MARK
I	20MPPH1CC1	CORE - I	Research Methodology	4*	4	25	75	100
	20MPPH1CC2	CORE - II	Advanced Physics	4*	4	25	75	100
	20MPPH1CC3	CORE - III	Teaching and Learning Skills (Common Paper)	4*	4	25	75	100
	20MPPH1CC4	CORE - IV	Paper on Topic of Research (The syllabus will be prepared by the guide and examination will be conducted by the COE)	4*	4	25	75	100
		*One hour library for each course						
			TOTAL	16*	16			400
II	20MPPH2PD		Dissertation ##	-	8	-	-	200
			GRAND TOTAL	16	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

SEMESTER	COURSE CODE	COURSE	COURSE TITLE	HRS / WEEK	CREDIT	MARKS		TOTAL
						CIA	ESE	
I	20MPSW1CC1	Core - I	Research Methodology	4*	4	25	75	100
	20MPSW1CC2	Core – II	Contemporary Issues and Trends in Social Work Profession	4*	4	25	75	100
	20MPSW1CC3	Core – III	Teaching and Learning Skills (Common Paper)	4*	4	25	75	100
	20MPSW1CC4	Core – IV	Paper on Topic of Research (The syllabus will be prepared by the guide and examination will be conducted by the COE)	4*	4	25	75	100
			TOTAL	16	16			400
*One Hour Library for each course								
II	20MPSW2PD		Dissertation##	-	8	-	-	200
			GRAND TOTAL	16	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	SUB. CODE	CORE		TITLE OF THE PAPER	HRS / WEEK	CREDIT	MARKS		TOTAL
							CIA	ESE	
I	20MPTA1CC1	Core - I		ஆய்வியல் நெறிமுறைகள்	4*	4	25	75	100
	20MPTA1CC2	Core - II		தமிழ் ஆய்வுப் போக்குகள்	4*	4	25	75	100
	20MPTA1CC3	Core - III		கற்பித்தலில் புதிய அணுகுமுறைகள் (Common Paper)	4*	4	25	75	100
	20MPTA1CC4	Core - IV		Paper on topic of Research (The syllabus will be prepared by the guide and Examination will be conducted by the COE)	4*	4	25	75	100
				TOTAL	**16***	**16**			**400**
*One Hour Library for each course									
II	20MPTA2PD			Dissertations ##	-	8	-	-	200
				GRAND TOTAL	**16**	**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	SUB CODE	COURSE	SUBJECT TITLE	HRS / WEEK	CREDIT	CIA Mark	ESE MARK	TOTAL MARK
I	20MPZO1CC1	Core I	Research Methodology	4*	4	25	75	100
	20MPZO1CC2	Core II	Advances in Biological Research	4*	4	25	75	100
	20MPZO1CC3	Core III	Teaching and Learning Skills (Common Paper)	4*	4	25	75	100
	20MPZO1CC4	Core IV (Elective)	Paper on Topic of Research (The syllabus will be prepared by the guide and examination will be conducted by the COE)	4*	4	25	75	100
		*One hour library for each course						
			TOTAL	**16***	**16**			**400**
II	20MPZO2PD		Dissertation##	-	8	-	-	200
			GRAND TOTAL	**16**	**24**			**600**

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

ADVANCED DIPLOMA IN COMPUTER APPLICATIONS WITH ARABIC (ADCAA)
(ONE YEAR COURSE)

SEM	COURSE CODE	COURSE TITLE	Ins. Hrs / Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20ADCAA1CC1	Basic Computer and IT	3	3	25	75	100
	20ADCAA1CC2P	Basic Computer and IT - Practical	3	3	20	80	100
	20ADCAA1CC3P	Type Writing in Arabic - Practical	3	3	20	80	100
	20ADCAA1CC4P	Basic Internet – Practical	3	3	20	80	100
		Total	12	12			400
II	20ADCAA2CC5	Computer Hardware	3	3	25	75	100
	20ADCAA2CC6P	Computer Hardware - Practical	3	3	20	80	100
	20ADCAA2CC7P	MS Office with Arabic - Practical	3	3	20	80	100
	20ADCAA2CC8P	Corel Draw, Page Maker and Photoshop- Practical	3	3	20	80	100
	20ADCAA2CC9P	Basic Web Page Creation – Practical	3	3	20	80	100
		Total	15	15			500
		Grand Total	27	27			900

Eligibility: Final year UG Students with Arabic as Part - I Language.

INTEGRATED AALIM SANAD - FIVE YEARS COURSE

ADDITIONAL PAPERS FOR GETTING AALIM SANAD

SEM	COURSE CODE	PART	COURSE	COURSE TITLE	Ins.Hrs/ Week	CREDIT	MARKS CIA	MARKS ESE	TOTAL
I	20IAS1CC1	III	Core - I	Islamic Etiquettes	6	4	25	75	100
	20IAS1CC2	III	Core - II	Urdu for Beginners	6	4	25	75	100
				Total	12	8			200
II	20IAS2CC3	III	Core - III	Islamic Manners	6	4	25	75	100
	20IAS2CC4	III	Core - IV	Urdu Prose	6	4	25	75	100
				Total	12	8			200
III	20IAS3CC5	III	Core - V	Thafseer I	6	4	25	75	100
	20IAS3CC6	III	Core - VI	Fiqh I	6	4	25	75	100
				Total	12	8			200
IV	20IAS4CC7	III	Core - VII	Hadith I	6	4	25	75	100
	20IAS4CC8	III	Core - VIII	Fiqh II	6	4	25	75	100
				Total	12	8			200
V	20IAS5CC9	III	Core - IX	Thafseer II	6	4	25	75	100
	20IAS5CC10	III	Core - X	Fiqh III	6	4	25	75	100
				Total	12	8			200
VI	20IAS6CC11	III	Core - XI	Thareekhul Islam	6	4	25	75	100
	20IAS6CC12	III	Core - XII	Hadeeth II	6	4	25	75	100
				Total	12	8			200
VII	20IAS7CC13	III	Core - XIII	Thafseer III	6	4	25	75	100
	20IAS7CC14	III	Core - XIV	Usool ul Hadeeth	6	4	25	75	100
				Total	12	8			200
VIII	20IAS8CC15	III	Core - XV	Meeras	6	4	25	75	100
	20IAS8CC16	III	Core - XVI	Usool ul Fiqh	6	4	25	75	100
	20IAS8CC17	III	Core - XVII	Outreaching Program		4		100	100
				Total	12	12			300
IX	20IAS9CC18	III	Core - XVIII	UsoolutThafseer	6	4	25	75	100
	20IAS9CC19	III	Core - XIX	Fiqh IV	6	4	25	75	100
	20IAS9CC20	III	Core - XX	Project		4		100	100
				Total	12	12			300
X	20IAS10CC21	III	Core - XXI	Hadeeth III	6	4	25	75	100
	20IAS10CC22	III	Core - XXII	Thareekh ul Madhahib	6	4	25	75	100
				Total	12	8			200
				Grand Total	120	88			2200

POST GRADUATE DIPLOMA IN FERMENTATION TECHNOLOGY (PGDFT)
(COURSE DURATION: I YEAR)

SEM	COURSE CODE	COURSE	COURSE TITLE	HRS / WEEK	CREDIT	CIA MARK	ESE MARK	TOTAL MARKS
I	20PDFT1CC1	Core - I	Biomolecules and Microbial Biochemistry	6	4	25	75	100
	20PDFT1CC2	Core - II	Biocatalaysis and Biotransformations	6	4	25	75	100
	20PDFT1CC3	Core - III	Microbiology of Industrial Fermentation	6	4	25	75	100
	20PDFT1CC4	Core - IV	Principles of Fermentation Technology	6	4	25	75	100
	20PDFT1CC5P	Core - V	Microbiology, Enzymolgy and Fermentation- Practical	6	4	20	80	100
			TOTAL	30	20			500
II	20PDFT2CC6	Core - VI	Bioseparations and Biological Techniques	6	4	25	75	100
	20PDFT2CC7	Core - VII	Animal and Plant Cell Bioprocesses	6	4	25	75	100
	20PDFT2CC8	Core - VIII	Downstream Processes and Fermentation Economics	6	4	25	75	100
	20PDFT2CC9	Core - IX	Industrial Fermentation Processes	6	4	25	75	100
	20PDFT2CC10P	Core - X	Bioprocess - Practical	6	4	20	80	100
			TOTAL	30	20			500
			GRAND TOTAL	60	40			1000

POST GRADUATE DIPLOMA IN BIOINFORMATICS (PGDBI)
(COURSE DURATION: I YEAR)

SEM	COURSE CODE	COURSE	COURSE TITLE	INS.HRS / WEEK	CREDIT	MARKS		TOTAL
						CIA	ESE	
I	20PDBI1CC1	Core I	Fundamental of Bioinformatics	6	4	25	75	100
	20PDBI1CC2	Core II	Statistics for Bioinformatics	6	4	25	75	100
	20PDBI1CC3	Core III	Basic Structural Biology	6	4	25	75	100
	20PDBI1CC4	Core IV	Computer Programming	6	4	25	75	100
	20PDBI1CC5P	Core V	C Programming and Web Publishing – Practical	6	4	20	80	100
			TOTAL	30	20			500
II	20PDBI2CC6	Core VI	Database Management Systems	6	4	25	75	100
	20PDBI2CC7	Core VII	Genomics and Proteomics	6	4	25	75	100
	20PDBI2CC8	Core VIII	Computational Biology	6	4	25	75	100
	20PDBI2CC9	Core IX	Molecular Modeling and Drug Design	6	4	25	75	100
	20PDBI2CC10P	Core X	Bioinformatics - Practical	6	4	20	80	100
			TOTAL	30	20			500
			GRAND TOTAL	60	40			1000

DIPLOMA IN HORTICULTURE

SEMESTER	PART	COURSE	COURSE CODE	COURSE TITLE	TOTAL HOURS	CREDITS	MARKS		
							CIA	ESE	Total
I	I	General	20DHO1CC1	Fundamentals of horticulture	60	4	25	75	100
	I	General	20DHO1CC2	Plant propagation practices	60	4	25	75	100
	I	General	20DHO1CC3	Floriculture	60	4	25	75	100
	II	Skill	20DHO1CC4P	Fundamentals of horticulture – Practical	180	6	20	80	100
	II	Skill	20DHO1CC5P	Plant propagation practices – Practical	180	6	20	80	100
	II	Skill	20DHO1IN	Floriculture – Internship	180	6	--	--	100
				TOTAL	**720**	**30**			**600**
Exit Qualification: Certificate		**NSQF Level: 4**		**Exit Qualification Pack: Florist AGR/ Q0703**					
II	I	General	20DHO2CC6	Seed science and technology	60	4	25	75	100
	I	General	20DHO2CC7	Horticultural pre and post-harvest practices	60	4	25	75	100
	I	General	20DHO2CC8	Landscape gardening and greenhouse technology	60	4	25	75	100
	II	Skill	20DHO2CC9P	Seed science and technology – Practical	180	6	20	80	100
	II	Skill	20DHO2CC10P	Horticultural pre and post- harvest practices – Practical	180	6	20	80	100
	II	Skill	20DHO2IN	Landscape gardening and greenhouse technology – Internship	180	6	--	--	100
				TOTAL	**720**	**30**			**600**
				GRAND TOTAL	**1440**	**60**			**1200**
Exit Qualification: Diploma		**NSQF Level: 5**		**Exit Qualification Pack: Heritage Gardener AGR/Q0810**					
Horticulture supervisor AGR/Q0811									

POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS (PGDCA)

SEM	COURSE CODE	COURSE	COURSE TITLE	INS. HRS	CREDIT	MARKS		TOTAL
						CIA	ESE	
I	20PDCA1CC1	Core I	Programming in C	6	4	25	75	100
	20PDCA1CC2	Core II	Principles of Accountancy	6	4	25	75	100
	20PDCA1CC3	Core III (A)	Office Automation	4	3	10	40	50
	20PDCA1CC3P	Core III (B)	Office Automation Lab - Practical	2	1	10	40	50
	20PDCA1CC4	Core IV (A)	Editing Tools	4	3	10	40	50
	20PDCA1CC4P	Core IV (B)	Editing Tools Lab - Practical	2	1	10	40	50
	20PDCA1CC5P1	Core V (A)	C Programming Lab - Practical	3	2	10	40	50
	20PDCA1CC5P2	Core V (B)	Accounting Package Lab - Practical	3	2	10	40	50
			TOTAL	**30**	**20**			**500**
II	20PDCA2CC6	Core VI	Visual Programming	6	4	25	75	100
	20PDCA2CC7	Core VII(A)	Database Management Systems	4	3	10	40	50
	20PDCA2CC7P	Core VII(B)	RDBMS Lab - Practical	2	1	10	40	50
	20PDCA2CC8	Core VIII(A)	Shell Programming	4	3	10	40	50
	20PDCA2CC8P	Core VIII(B)	Shell Programming Lab - Practical	2	1	10	40	50
	20PDCA2CC9	Core IX	Web Design	6	4	25	75	100
	20PDCA2CC10P1	Core X(A)	Web Design Lab - Practical	3	2	10	40	50
	20PDCA2CC10P2	Core X (B)	Visual Programming Lab - Practical	3	2	10	40	50
			TOTAL	**30**	**20**			**500**
			GRAND TOTAL	**60**	**40**			**1000**

POST GRADUATE DIPLOMA IN ISLAMIC BANKING AND FINANCIAL MANAGEMENT (PGDIBFM)

SEMESTER	SUBJECT CODE	COURSE	SUBJECT TITLE	HOURS/ WEEK	CREDIT	INT. MARKS	EXT. MARKS	MARKS
I	20PDIBFM1CC1	Core I	Managerial Economics	2	2	25	75	100
	20PDIBFM1CC2	Core II	Financial, Cost and Management Accounting	4	4	25	75	100
	20PDIBFM1CC3	Core III	Banking and Islamic Law	2	2	25	75	100
	20PDIBFM1CC4	Core IV	Islamic Economics	2	2	25	75	100
	20PDIBFM1CC5	Core V	Islamic Banking and Finance	2	2	25	75	100
			TOTAL	**12**	**12**			**500**
II	20PDIBFM2CC6	Core VI	Principles of Islamic Shariah	3	2	25	75	100
	20PDIBFM2CC7	Core VII	Financial Management	3	2	25	75	100
	20PDIBFM2CC8	Core VIII	Islamic Insurance	3	2	25	75	100
	20PDIBFM2CC9	Core IX	Islamic Investment and Portfolio Management	3	2	25	75	100
	20PDIBFM2PW	Project Work	Project work – 4 weeks	-	4	-	100	100
			TOTAL	**12**	**12**			**500**
			GRAND TOTAL	**24**	**24**			**1000**

DIPLOMA IN INSURANCE AND ACTUARIAL SCIENCE (UNDER UGC NSQF SCHEME)

SEM.	COURSE CODE	NSQF LEVEL	COURSE	COURSE TITLE	INS.HRS/ SEM.	CREDIT	MARKS		TOTAL
							CIA	ESE	
I	20DIA1CC1	4	General	Principles of Insurance	60	4	25	75	100
	20DIA1CC2	4	General	Practice of Life Insurance	60	4	25	75	100
	20DIA1CC3	4	General	Life Insurance Agent	60	4	25	75	100
	20DIA1CC4	4	Skill	Mathematics of Finance -I	90	6	25	75	100
	20DIA1CC5	4	Skill	Practice of Life Insurance- Case Study	90	6	25	75	100
	20DIA1IN1	4	Skill	Life Insurance Agent- Internship Report*	180	6	25	75	100
				TOTAL	**540**	**30**			**600**
Exit Qualification: Certificate		**NSQF Level: 4**							
II	20DIA2CC6	5	General	Regulations of Insurance Business	60	4	25	75	100
	20DIA2CC7	5	General	Practice of General Insurance	60	4	25	75	100
	20DIA2CC8	5	General	Mutual Funds for Distributors and Employees	60	4	25	75	100
	20DIA2CC9	5	Skill	Mathematics of Finance -II	90	6	25	75	100
	20DIA2CC10	5	Skill	Practice of General Insurance- Case Study	90	6	25	75	100
	20DIA2IN2	5	Skill	Mutual Funds for Distributors and Employees - Internship Report*	180	6	25	75	100
				TOTAL	**540**	**30**			**600**
Exit Qualification: Diploma		**NSQF Level: 5**							

* Students may be permitted to undergo Internship for specified number of hour either in on campus or off campus or both.

DIPLOMA IN AQUACULTURE

[National Skill Development Corporation (NSDC) & Agriculture Skill Council of India (ASCI) - LEVELS OF ASSESSMENT (4 & 5)]

SEMESTER	COURSE CODE	PART	COURSE	COURSE TITLE	TOTAL HOURS	CREDITS	CIA	ESE	TOTAL
I	20DAQ1CC1	I	General	Principles of Aquaculture and Biology of Fishes	60	4	25	75	100
	20DAQ1CC2	I	General	Freshwater Aquaculture	60	4	25	75	100
	20DAQ1CC3	I	General	Shrimp Farming	60	4	25	75	100
	20DAQ1CC4P	II	Skill	Principles of Aquaculture and Biology of Fishes- Practical	180	6	20	80	100
	20DAQ1CC5P	II	Skill	Freshwater Aquaculture- Practical	180	6	20	80	100
	20DAQ1IN	III	Skill	Shrimp Farming- Internship	180	6	--	--	100
				TOTAL	**720**	**30**			**600**

Exit Qualification: Certificate   NSQF Level: 4   Exit Qualification Pack:Shrimp Farmer LandscaperAGR/Q4902

SEMESTER	COURSE CODE	PART	COURSE	COURSE TITLE	TOTAL HOURS	CREDITS	CIA	ESE	TOTAL
II	20DAQ2CC6	I	General	Brackishwater Aquaculture and Mariculture	60	4	25	75	100
	20DAQ2CC7	I	General	Ornamental Fish Culture and Aquarium Keeping	60	4	25	75	100
	20DAQ2CC8	I	General	Aquaculture Farm Management and Aquatic Nutrition &Animal Health	60	4	25	75	100
	20DAQ2CC9P	II	Skill	Brackishwater Aquaculture and Mariculture - Practical	180	6	20	80	100
	20DAQ2CC10P	II	Skill	Ornamental Fish Culture and Aquarium Keeping - Practical	180	6	20	80	100
	20DAQ2IN	III	Skill	Aquaculture Farm Management and Aquatic Nutrition & Animal Health - Internship	180	6	--	--	100
				TOTAL	**720**	**30**			**600**
				GRAND TOTAL	**1440**	**60**			**1200**

Exit Qualification: Diploma   NSQF Level: 5

Exit Qualification Pack: Fish Seed Grower AGR/Q4908
Aquarium TechnicianAGR/Q5108
Aquaculture TechnicianAGR/Q4903

Notes...

Notes...

HAND BOOK ON AUTONOMY