

MOHAMED SATHAK COLLEGE OF ARTS & SCIENCE

Sholinganallur, Chennai - 600 119.

Phone

Dean : 044-24501578
Principal : 044-24501115, 24501054
Office : 044-24502577, 24502576
Telefax : 044-24501114
E-mail : mscas@rediffmail.com
Website : www.mscartsandscience-edu.in



Calendar 2015 - 2016

Dean

Alhaj Dr. Major M. Jailani
M.Sc., M.Phil., M.A., D.H.Ed., Ph.D.,

Principal

Dr. R. Meganathan
M.Com., M.Phil., M.B.A., Ph.D.,

Pearls from the Tradition of Prophet Mohammed (SAW)

Acquire knowledge for it enables its possessor to distinguish what is forbidden from what is not:

It lights the way to Heaven:

It is our friend in the desert:

Our society in solitude:

Our companion when bereft of our friends:

It guides us to happiness:

It sustains us in misery:

It is our ornament in the company of friends:

It serves us as an armour against our enemies:



INVOCATION

In the name of Allah, The Most Beneficent, the Most Merciful
Praise be to Allah, Lord of the Worlds,
The Beneficent, the Merciful,
Owner of the Day of Judgement,
Thee alone we serve,
Thee alone we ask for help,
Show us the straight path,
The path of those, whom Thou hast favoured,
Not the path of those who earn Thine anger,
Nor of those who go astray.

A'ameen!

ج ° ج ن® گ ٲٲ thrš



PERSONAL MEMORANDA

Name :
Class : Roll No. :
Date of Birth :
Height : Cms/Weight : Kgs
Chest : Cms
Male / Female :
Father's Name :
Occupation :
Temporary Address :
.....
.....
Phone No. (R) (O) : (M)
Permanent Address :
.....
.....
Phone No. (R) (O) : (M)
Nationality
Library Ticket No. :
Telephone No :
Season Ticket No. :
Watch No. :
University Reg. No. :
Bike/Car No. :
Blood Group :

Signature

THE NATIONAL ANTHEM

Jana - gana - mana - adhinayaka, jaya hey
Bharata - bhagya - vidhata.
Punjab - Sindh - Gujarat - Maratha
Dravida - Utkala - Banga
Vindhya - Himachala - Yamuna - Ganga
Uchachala - Jaladhi - taranga,
Tava shubha name jage,
Tava shubha asisha maage,
Gae tava jaya gatha,
Jana - gana - mangala - dayaka jaya hey
Bharata - bhagya - vidhata.
Jaya hey, Jaya hey, Jaya hey,
Jaya jaya jaya jaya hey!



TRANSLATION

Thou art the ruler of the minds of all people,
Thou Dispenser of India's destiny,
Thy name rouses the hearts of the Punjab,
Sind, Gujarat and Maratha, of Dravid,
Orissa and Bengal.

It echoes in the hills of the Vindhyas and
Himalayas, mingles in the music of the Jamuna
And the Ganges, and is chanted by the waves
Of the Indian sea.

They pray for Thy blessing and sing Thy praise.
Thou Dispenser of India's destiny
Victory, Victory, Victory to Thee.



NATIONAL PLEDGE

"India is my country, all Indians are
My brothers and sisters,
I love my country and I am proud of
its rich and varied heritage. I shall
always strive to be worthy of it.
I shall give my parents, teachers
and all elders respect and treat
every one with courtesy;
To my country and my people I
pledge my devotion. In their well-
being and prosperity alone lies my
happiness."



MOHAMED SATHAK COLLEGE OF ARTS & SCIENCE

Sholinganallur, Chennai - 600 119.

MEMBERS OF THE MANAGING COMMITTEE

- | | |
|------------------------------------|--------------------------------|
| 1. Janab Alhaj S.M. Mohamed Yousuf | Chairman |
| 2. S.M.H. Sharmila | Secretary |
| 3. Janab S.M.A.J. ABDUL HALEEM | Director |
| 4. Mrs. S.M.B. Sithi Habiba | Member |
| 5. Mrs. S.M. Mariyam Aysha Umma | Member |
| 6. Alhaj Dr. Major M. Jailani | Ex. Officio Member & Dean |
| 7. Dr. R. Meganathan | Ex. Officio Member & Principal |
| 8. Dr. M. Gunasekaran | University Representative |

THE CREST OF THE COLLEGE



The Crest consists of a ring bearing the name of the college, a scroll on which is written a verse in Arabic, an open book and behind it a glowing torch.

The scroll showing the verse in Arabic stands for humility which is the hallmark of a true scholar. The verse when rendered in English would mean:

A true scholar owes all the knowledge he has acquired to Almighty Allah, the Most Beneficent and the Most Merciful and says nothing is his/hers. He humbly admits that only God, his Maker is perfect in knowledge and wisdom. (Verse 1:31) He knows only God is the Alpha and Omega of knowledge/

The open book in the middle stands for faith in the holy book of Quran that guides the scholar aright and shows him/her the right road to taken or trodden. The open book also stands for Education and wisdom.

The effulgent flame of the glowing torch at the top of the crest represents the right knowledge acquired through education coupled with faith. The Scholar uses it to destroy or dispel the detestable darkness of ignorance in him/her and also in others who come into contact with him/her. It is like the guiding pole star for the scholars.

In fine, the crest of the college stands for true learning and selfless service.

INTRODUCTION

The Mohamed Sathak Trust is a public, charitable, and educational body established in 1973, by the philanthropic Mohamed Sathak family of Kilakarai, with the noble aim of promoting the cause of Higher Education.

The objective of Mohamed Sathak Trust is to promote Technical, Scientific and Management Education and to train the students belonging to all strata of society, particularly the youth of the backward communities, and to promote and upgrade the Technological and Managerial skills and human resource of the Nation.

The first educational endeavour, with the single aim of achieving these objectives was the establishment, in August 1980, at Kilakarai, a Polytechnic in the name and style, "Mohamed Sathak Polytechnic", affiliated to the State Board of Technical Education and Training, Government of Tamilnadu. This offers technical education in Mechanical Engineering, Civil Engineering and Electrical and Electronics Engineering.

Encouraged by the success in their noble educational endeavour, the members of Mohamed Sathak Trust founded Mohamed Sathak Engineering College at Kilakarai affiliated to the Madurai Kamaraj University in October 1984. Mohamed Sathak Engineering College puts stress on the thrust areas of Engineering and Technical studies of the modern area and offers Bachelor Degree programmes in Aeronautical Engineering, Civil Engineering, Chemical Engineering, Electronics and Communication Engineering and Architecture and Management Studies. These two Technical Institutions within a short span of time have earned international acclaim and reputation for academic excellence, disciplined academic life, educational advancement and enviable all round development.

It is a matter of pride and achievement that in the academic year 1994-95/ Mohamed Sathak Engineering College earned the "Vincent Bendix Award" presented by the United States of America for the Project entitled "A Mobility for the Blind" submitted by the students of the Department of Electronics.

In 1992, Mohamed Sathak Trust established Mohamed Sathak Industrial Training Institute at Kilakarai, with the purpose of offering training to technical personnel at the basic level. This Institution offer courses in Automobile Engineering, Draughtsmanship, Carpentry and Electronics for Fitters.

In 1991, with the sole aim of spreading Management Education. Mohamed Sathak Trust approached the Government of Tamil Nadu and the University of Madras for establishing a college of Arts and Science in the city of Chennai. The Government of Tamil Nadu accepted the proposal of Mohamed Sathak Trust and granted permission for the establishment of Mohamed Sathak College of Arts and Science, under Self Financing Scheme (vide GO. Ms. o. 1125, dated 6th August 1990).

The University of Madras was also pleased to grant affiliation to degree courses leading to B.A. Corporate Secretaryship, B.Com., and B.Sc., Computer Science from the academic year 1991-92., B.B.A (Bachelor in Business Administration) from 1992-93, B.Sc., Biochemistry and Microbiology from 1993-94 B.Sc., Catering Technology and Hotel Management. B.Sc., Nutrition and Dietics. Master of Computer Application and M.B.A., from 1994-95, B.E.S. (Bachelor of Electronics Science and M.A., Social Work from 1995-96. The Management is pleased to inform that affiliation for M.Sc., Applied Microbiology. M.Sc., Biocemistry and B.B.A., from the academic year 1996-97 was granted. The All India Council for Technical Education, Ministry of Human Resource was pleased to accord approval to offer professional courses in Master of Business Administration Programme (MBA) and Master of Computer Application (MCA) from the academic year 1994-95 and 1997-98 respectively. The University of Madras granted affiliation for BCA Course in 1998-1999 and B.Sc., Visual Communication in 1999-200. M.Sc., Bio Technology and M.Sc., Information Technology in 2001-02, B.I.S.M. in 2002-2003, M.Sc., Bioinformatics and M.Sc. Electronics Science in 2003 - 2004 and B.Sc., Bio Technology in 2005 - 2006. M.Sc., Mathematic from the academic year 2008 - 2009. The college is recognized to conduct research programmes leading to M.Phil degree in Microbiology and Biotechnology from the academic year 2009 - 10. M.Phil degree in Biochemistry and Madras for B.Com Accounting & Finance in 2012 and for B.Com (Hons) and B.Com I.S.M. in 2013. The College got Affiliated from the Univeristy of Madras for conducting the programme leading to Ph.D. in Biotechnology and Microbilogy from 2012 and Ph.D in Biochemistry from 2013.

The Mohamed Sathak College of Arts and Science is rightly named after the great and noble philanthropist with a view to commemorate the memory of the noble man and is ideals. Mohamed Sathak College of Arts and Science started functioning at 144/1, Nungambakkam High Road, Chennai, with B.A., B.Sc., Computer Science and B.Com courses of study.

From the academic year 1992-93. Mohamed Sathak College of Arts and Science started to function at her own permanent campus to Sholinganallur. Mohamed Sathank College of Arts and Science is ideally situated in idyllic surroundings in the midst of inspiring green fields and natural surroundings. In fact, the serene atmosphere is perfectly conducive to excellent physical and intellectual growth and effective academic pursuits.

Mohamed Sathak College of Arts and Science is situated in the Old Mahabalipuram Road, 23 kilometers South East of Chennai City 13 kilometers from Tambaram and Adyar and 3 kilometers from Golden Beach. Mohamed Sathak College of Arts and Science have five buses and a van for the convenience of the students.

The lecture halls are well lighted, airy and spacious and they are ideally suited for sharing of knowledge between the teacher and the taught. The main imposing building houses, the administrative wing lecture Halls, marvelously equipped Computer Science laboratories, modern and sophisticated Microbiology, Biotechnology, Biochemistry and Visual Communication Laboratories, and a well stacked Library.

Mohamed Sathak College of Arts and Science is open to students of all castes, creeds and classes. The college believes in secularism, national integration and communal harmony.

Separate hostel accommodation is available for men and women students.

The major aim of Mohamed Sathak College is to provide high quality education to the youth. The basics of Higher Education, namely, effective teaching, training, and motivating students to respond carefully and intelligently to the latest, newest updates in Arts, Science, Technology and Management Studies are given priority.

Furthermore, Mohamed Sathak College of Arts and Science place emphasizes on duty, discipline decorum and character development. The aim is to train young men and women of quality to be leaders in the fields of Science, Management and Industry. So that these trained and educated students could play their roles efficiently and transform the country into an advanced nation and a global leader.

AIMS OF UNIVERSITY EDUCATION HIGHER EDUCATION

Extract from Indian Pocket Book of University Education Objectives:

To seek and cultivate new knowledge, to engage vigorously and fearlessly in the pursuit of truth and to interpret old knowledge and beliefs in the light of new needs and discoveries; to provide the right kind of leadership in all walks of life, to identify gifted youth and help them develop their potential to the full by cultivating right interests, attitudes and moral intellectual values; to provide society with competent men and women trained in agriculture, arts, medicine, science and technology and various professions, who will also be cultivated individuals imbued with a sense of social purpose.

To strive to promote equality and social justice and to reduce social and cultural differences through diffusion of education; and to foster in the teachers and students, and through them in society generally, the attitudes and values needed for developing the 'good life' in individuals and society.

Education should enable young men and women to learn and practice civilized forms of behaviour and to commit themselves to special values of significance.

The whole university life should be treated as one and polarization between teachers, students and administration should be avoided.

LIST OF COURSES - 2014-15

| | |
|--------|--|
| B.Com | (General) |
| B.Com | (General) (Evening) |
| B.Com | Accounting & Finance |
| B.Com | (Honours) |
| B.Com. | Information System Management |
| B.Com | (Computer Applications) |
| B.B.A | Bachelor of Business Administration |
| B.B.A. | Bachelor of Business Administration (Evening) |
| B.Sc. | Computer Science |
| B.Sc. | Computer Science (Evening) |
| B.C.A. | Bachelor of Computer Application |
| B.C.A. | Bachelor of Computer Application (Evening) |
| B.Sc. | Biotechnology |
| B.Sc. | Microbiology |
| B.Sc. | Biochemistry |
| B.Sc. | Hotel and Catering Management |
| B.Sc. | Visual Communication |
| B.Sc. | Electronics and Communication Science |
| B.Sc. | Mathematics |
| M.B.A. | Master of Business Administration |
| M.C.A. | Master of Computer Application |
| M.Sc. | Applied Microbiology |
| M.Sc. | Biotechnology |
| M.Sc. | Biotechnology (Evening) |
| M.Sc. | Biochemistry |
| M.Sc. | Bioinformatics and Clinical Trial Management (Non-Medical) |
| M.Sc. | Computer Science |
| M.Sc. | Information Technology |
| M.Sc. | Information Technology (Evening) |
| M.Sc. | Mathematics |
| M.Sc. | Applied Electronics |
| M.Sc. | Visual Communications |
| M.S.W. | Master of Social Work |
| M.Com. | Master of Commerce |
| M.Phil | Microbiology |
| M.Phil | Biochemistry |
| M.Phil | Biotechnology |
| Ph.D. | Biotechnology |
| Ph.D. | Microbiology |
| Ph.D. | Biochemistry |

DIPLOMA COURSES

P.G. Diploma in E-Business Management
P.G. Diploma in Gene Manipulation Tech.
Diploma in Catering Technology

LIST OF TEACHING AND NON-TEACHING STAFF 2015 - 2016

| NAME | DESIGNATION |
|---|-------------|
| Dr. Major M. Jailani, M.Sc., M.Phil., M.A., D.H.Ed., Ph.D | DEAN |
| Dr. R. Meganathan, M.Com., M.Phil., M.B.A., S.L.E.T. Ph.D | Principal |

DEPARTMENT OF ENGLISH

| | |
|---|---------------------|
| Mrs. V. Vijaya, M.A., M.Phil., | Professor & H.O.D. |
| Mrs. R. Malikennisa, M.A., M.Phil., D.SS | Assistant Professor |
| Mr. M. Mohamed Mazhar Hussain, M.A., M.Phil., | Assistant Professor |
| Mr. G. Hussain Basha, M.A., M.Phil., | Assistant Professor |
| Mr. V. Soundararajan, M.A., M.Phil., B.Ed., | Assistant Professor |
| Mrs. Hyrun Fathima Nousheen, M.A., M.Phil., | Assistant Professor |
| Mr. C. Veeran, M.A., M.Phil., | Assistant Professor |

PART - TIME FACULTIES

| | |
|--|---------------------|
| Mr. K. Kannan, M.A., M.Phil., | Assistant Professor |
| Mr. M. Mohamed Nazeeb, M.A., M.Phil., TESL, ESOL, BEC., | Assistant Professor |

DEPARTMENT OF TAMIL

| | |
|--|---------------------|
| Mr. S. Abdul Hameed, M.A.(Tamil) M.A.(Ling) B.Ed., NET., | Professor & H.O.D. |
| Mr. A. Akbar Ali, M.A., M.Phil., B.Ed., SET., | Assistant Professor |
| Mr. J. Thameemul Ansari, B.Lit., M.A., M.Phil., | Assistant Professor |
| Dr. A. Nazeema, M.A., M.Phil., Ph.D., M.B.A., | Assistant Professor |
| Dr. A. Karvannan, M.A., M.Phil., B.Ed., Ph.D., NET-JRF | Assistant Professor |
| Mr. A. Apsar, M.A., M.Phil., B.Ed., | Assistant Professor |
| Mr. B. Sathik Basha, M.A., B.Ed., | Assistant Professor |
| Mrs. S.B. Saleema, M.A., M.Phil., NET., | Assistant Professor |
| Mr. J. Kadar Moidheen, M.A., B.Ed., M.Phil., | Assistant Professor |

DEPARTMENT OF ARABIC

| | |
|--|--------------------|
| Mr. Ashafaquer Rahman Oomeri, Afzar-UI-uluma, M.A. (Arabic) | Professor & H.O.D. |
|--|--------------------|

DEPARTMENT OF HINDI

| | |
|--|--------------------|
| Mr. S. Khader Mohiddin, M.A., M.Phil., | Professor & H.O.D. |
|--|--------------------|

DEPARTMENT OF FRENCH

| | |
|-----------------------------------|--------------------|
| Mr. S. Rajendiran, M.A., M.Phil., | Professor & H.O.D. |
|-----------------------------------|--------------------|

POST GRADUATE DEPARTMENT OF COMMERCE

| | |
|---|---------------------|
| Dr. R. Meganathan, M.Com., M.Phil., M.B.A., S.L.E.T. Ph.D | Professor & H.O.D. |
| Mr. Ila Nakkeeran, M.Com., M.Phil., S.E.T. | Assistant Professor |
| Mrs. P. Lakshmy, M.Com., M.Phil., B.Ed., S.L.S.T. | Assistant Professor |
| Mr. R. Kabaleswaran, M.Com., M.Phil., M.B.A., | Assistant Professor |

| | |
|---|---------------------|
| Mr. P. Zahir Hussain, M.Com., M.Phil., | Assistant Professor |
| Mr. V. Muruganandham, M.Com., M.Phil., M.B.A., | Assistant Professor |
| Mr. R. Muthusamy, M.Com., M.Phil., M.B.A., N.E.T. | Assistant Professor |
| Mrs. S. Sujatha, M.Com., M.Phil., M.B.A., | Assistant Professor |
| Mr. M. Sundara Murthy, M.Com., M.Phil., | Assistant Professor |
| Mrs. N. Indumathy, M.Com., M.Phil., | Assistant Professor |
| Mrs. S. Ramya, M.Com., M.Phil., B.Ed., | Assistant Professor |
| Mr. R. Thangavel, M.Com., M.Phil., M.S.W. | Assistant Professor |
| Mr. A. Balashanmugam, M.Com., M.Phil., | Assistant Professor |
| Ms. Farzana Begum, M.Com., M.Phil., | Assistant Professor |
| Mr. M. Suresh, M.Com., M.Phil., | Assistant Professor |
| Mr. G. Rajakumar, M.Com., M.Phil., M.B.A., PGDCA | Assistant Professor |
| Dr. S Sathyabama, M.A.(Eco.), M.Phil., Ph.D., | Assistant Professor |
| Ms. P. Bhanumathi, M.Com., M.Phil., | Assistant Professor |
| Mr. S. Prabhu, M.Com., M.Phil., M.B.A., | Assistant Professor |
| Mr. A. Christy Rajkumar, M.Com., M.Phil., | Assistant Professor |
| Dr. J. Blessa Ratna Bel, M.Com., Ph.D., PGDCA., PGDM. | Assistant Professor |
| Mr. B. Rajasuthir, M.Com., M.Phil., | Assistant Professor |
| Dr. R. Arokia Doss, M.Com., M.Phil., Ph.D., | Assistant Professor |
| Mrs. A.M. Sumathy, M.Com., M.Phil., | Assistant Professor |
| Dr. E. Soundararajan, M.Com., M.A., B.Ed., M.Phil., M.B.A., Ph.D. | Assistant Professor |
| Mrs. P. Manimozhi, M.Com., M.Phil., B.Ed., | Assistant Professor |
| Mr. B. Ziaavuddeen, M.Com., M.Phil., | Assistant Professor |
| Mr. V. Saravanakumar, M.Com., M.Phil., | Assistant Professor |
| Mr. K. Sakthimurugan, M.Com., M.Phil., N.E.T., | Assistant Professor |
| Mr. M. Nirmal Kumar, M.A. (Eco.) M.Phil., B.Ed., | Assistant Professor |

DEPARTMENT OF BUSINESS ADMINISTRATION

| | |
|--|---------------------|
| Mrs. P. Rasool Begum, M.Com., M.Phil., M.B.A., | Professor & H.O.D. |
| Mr. R. Rajamani, M.Com., M.Phil., M.B.A., | Assistant Professor |
| Mrs. P. Shahida, M.B.A., P.G.D.E.B.M.S., | Assistant Professor |
| Mr. K. Kaleel, M.Com., M.Phil., | Assistant Professor |
| Mr. A. Saiyath Ameen, M.Com., M.Phil., M.B.A., | Assistant Professor |
| Ms. W. Blessie Rachel, M.B.A., | Assistant Professor |
| Mr. J.S. Ibrahim Mohammed, M.B.A., | Assistant Professor |
| Mr. Syed Moinuddin, M.B.A., P.G.D.E.B.M.S., | Assistant Professor |
| Ms. R. Monisha, M.B.A., M.Phil., | Assistant Professor |

POST GRADUATE DEPARTMENT OF BUSINESS ADMINISTRATION

| | |
|--|----------------------|
| Dr. Shyama Sundar, B.E., M.B.A., Ph.D., | Dean |
| Mr. T.M.Kuthubudeen, M.A., M.Phil., M.B.A., M.Phil., | Professor & Director |
| Ms. R. Priyadharsini, M.B.A., M.Com., | Associate Professor |
| Mrs. R. Priya, M.B.A., M.Phil., | Associate Professor |
| Mrs. M. Rajee, M.B.A., M.Phil., | Assistant Professor |
| Mr. G. Manickam, M.B.A., M.Phil., | Assistant Professor |

Dr. P. Pandian, M.B.A., Ph.D., Assistant Professor
Mrs. S. Srividhya, M.B.A., M.Phil., Assistant Professor

POSTGRADUATE DEPARTMENT OF SOCIAL WORK

Mrs. S. Devi, M.A., M.B.A., M.Phil., Professor & H.O.D.
Mrs. P. Leena Roseline, M.A., M.Phil., M.B.A., Assistant Professor
Mrs. M.G. Lakshmi Priya, M.S.W. Assistant Professor

POSTGRADUATE DEPARTMENT OF MATHEMATICS

Mr. V. Muralidhar, M.Sc., M.Phil., B.Ed., Professor & H.O.D.
Mrs. D. Backiya Selvi, M.Sc., M.Phil., B.Ed., P.G.D.C.A. Assistant Professor
Ms. N. Sulthana, M.Sc., B.Ed., Assistant Professor
Ms. D. Kumutha, M.Sc., M.Phil., Assistant Professor
Ms. S. Amudhavalli, M.Sc., M.Phil., Assistant Professor
Mrs. N. Aruna Kumari, M.Sc., M.Phil., Assistant Professor
Mr. A. Marimuthu, M.Sc., M.Phil., B.Ed., Assistant Professor
Mr. D. Sriram, M.Sc., M.Phil., Assistant Professor
Mrs. S. Parveen Banu, M.Sc., B.Ed., P.G.D.C.A. Assistant Professor
Mr. S. Balamurugan, M.Sc., M.Phil., B.Ed., Assistant Professor
Mrs. R. Asha, M.Sc., M.Phil., Assistant Professor
Mr. V. Thirumalai, M.Sc., B.Ed., Assistant Professor
Mr. V. Pusparaj, M.Sc., Assistant Professor

POST GRADUATE DEPARTMENT OF ELECTRONICS AND COMMUNICATION SCIENCE

Mr. R. Rajathilagam, M.Sc., M.Phil., M.E., Professor & H.O.D.
Mr. G. Nandagopal, M.Sc., M.Phil., Assistant Professor
Mr. G. Sundar, M.Sc., M.Phil., Assistant Professor
Mr. Jijo P. Varghese, M.Sc., Assistant Professor
Mrs. G. Hema, M.Sc., M.Phil., Assistant Professor
Ms. S. Aishwarya, M.Sc., Assistant Professor
Ms. K. Janani, M.Sc., Assistant Professor
Mr. S. Mohamed Marzook, M.Sc., M.B.A., P.G.D.C.A. Assistant Professor

POST GRADUATE DEPARTMENT OF COMPUTER SCIENCE

Mr. K. Mainuddin Ahamed, M.C.A., M.Phil., Professor & H.O.D.
Dr. N. Sasikala, M.C.A., M.Phil., Ph.D., Associate Professor
Dr. S. Niranjanan, M.C.A., Ph.D., Associate Professor
Mr. S. Narayanan, M.C.A., M.Phil., Assistant Professor
Mrs. K. Hazeena, M.C.A., M.Phil., Assistant Professor
Dr. M. Rehena Sulthana, M.Sc., M.Phil., Ph.D., Assistant Professor
Mr. B. Mahaboob Batcha, M.C.A., M.Phil., Assistant Professor
Mr. K.M. Abu Bakkar Sithik,

M.Sc., M.C.A., M.Phil., M.Tech., Assistant Professor
Mrs. R. Usharani, M.C.A., M.Phil., M.Tech., Assistant Professor
Mrs. R. Hemamalini, M.Sc., M.Phil., Assistant Professor
Mrs. P. Sumathi, M.Sc., M.Phil., Assistant Professor

Mrs. M. Rahima Beevi, M.C.A., M.Phil., M.Ed., Assistant Professor
Mrs. S. Jeya Sathiya, M.Sc (I.T.) M.C.A., M.Phil., Assistant Professor
Mr. K. Mohamed Imran, M.C.A., M.Phil., Assistant Professor
Mrs. I. Arivazhagi, M.C.A., M.Phil., Assistant Professor
Mr. G. Asharaf Ali, M.C.A., M.Phil., Assistant Professor
Mr. S. Rameez, M.C.A., Assistant Professor
Mr. H.B. Kajee Hamza, M.C.A., M.Phil., Assistant Professor
Mrs. T. Sangeetha Devi, M.C.A., M.Phil., Assistant Professor
Mr. P. Meenakshi Sundaram, M.C.A., M.Phil., Assistant Professor
Mrs. T.M. Sheeba, M.C.A., M.Phil., Assistant Professor
Mr. W. Abdul Kareem, M.Sc., (I.T.) M.B.A., P.G.D.C.A., M.Phil

System Analyst

Mr. K. Hari Haran, M.C.A., M.Phil., Assistant Professor
Ms. M. Thenmozhi, M.C.A., M.Phil., Assistant Professor
Mr. Maria Mahajan, M.C.A., Assistant Professor
Mrs. A. Logeshwari, M.C.A., M.Phil., Assistant Professor
Mrs. R. Anitha, M.C.A., M.Phil., Assistant Professor
Mrs. K. Thanga Prabha, M.C.A., M.Phil., Assistant Professor
Mr. D. Palanisamy, M.C.A., M.Phil., Assistant Professor
Mr. P. Sugumar, M.C.A., M.B.A., M.A., Assistant Professor
Mr. Minhaju Malik, M.C.A., M.Phil., Assistant Professor
Mr. Thatha Hayath, M.C.A., Assistant Professor
Mr. M. Thaha, M.C.A., Assistant Professor
Mrs. P. Soumya, M.C.A., Assistant Professor
Mr. U. Mohan, M.C.A., M.Phil., Assistant Professor
Mr. A.M. Sharifuddin, M.C.A., Assistant Professor
Mrs. D. Rathika, M.Sc., M.Phil., Assistant Professor
Mrs. T. Priya, M.Sc., M.C.A., M.Phil., Assistant Professor
Mrs. R. Uma Devi, M.C.A., M.Phil., Assistant Professor
Ms. M. Habeebunisha Begum, M.Sc., (IT) Assistant Professor
Dr. S. Muthulakshmi, M.Sc., M.Phil., Ph.D., Assistant Professor
Mrs. P. Anusamari, M.C.A., M.Phil., Assistant Professor
Mr. T.Tholkappian, M.C.A., M.Phil., M.Com., MTM Assistant Professor
Mrs. G. Kalaiyarasi, M.Sc., (I.T.) M.Phil., Assistant Professor
Mrs. S. Anuradha, M.Sc., M.Phil., Assistant Professor
Mr. G. Saravanan, M.Sc., (I.T.) M.Phil., Assistant Professor

POST GRADUATE & RESEARCH DEPARTMENT OF BIOCHEMISTRY

Mr. A. Purushothaman, M.Sc., M.Phil., Professor & H.O.D.
Mrs. K. Manjula, M.Sc., M.Phil., Assistant Professor
Mrs. P. Meenatchi, M.Sc., M.Phil., A.P.G.D.B.I. Assistant Professor
Dr. S. Bhagavathy, M.Sc., M.Phil., M.Sc., Ph.D., Assistant Professor
Mrs. J. Deepalakshmi, M.Sc., M.Phil., Assistant Professor
Ms. R. Syeda Ashfianaz, M.Sc., M.Phil., Assistant Professor

Dr. V. Anuradha, M.Sc., M.Phil., Ph.D., Assistant Professor
 Dr. P.T. Devika, M.Sc., M.Phil., Ph.D., Assistant Professor

POST GRADUATE & RESEARCH DEPARTMENT OF
 MICROBIOLOGY

Dr. O.S. Aysha, M.Sc., M.Phil., Ph.D., Professor & H.O.D.
 Mrs. S. Valli, M.Sc., M.Phil., M.B.A., Ph.D., Assistant Professor
 Dr. P. Nirmala, M.Sc., M.Phil., Ph.D., Assistant Professor
 Dr. A. Reena, M.Sc., Ph.D., Assistant Professor
 Dr. A. Chanthuru, M.Sc., M.Phil., Ph.D., Assistant Professor
 Dr. J. Umashankari, M.Sc., M.Phil., Ph.D., Assistant Professor
 Dr. N. Sivakumar, M.Sc., Ph.D., Assistant Professor

POST GRADUATE & RESEARCH DEPARTMENT OF
 BIOTECHNOLOGY

Dr. M. Syed Ali, M.Sc., M.Phil., Ph.D., Assistant Professor
 Mrs. Nasreen Najeeb, M.Sc., M.Phil., B.Ed., Assistant Professor
 Dr. N. Yoganath, M.Sc., M.Phil., Ph.D., Assistant Professor
 Dr. R. Rajan, M.Sc., Ph.D., Assistant Professor
 Dr. Kalidoss Annathurai, M.Sc., Ph.D., Assistant Professor
 Dr. Selva Kumar Dharmaraj, M.Sc., M.Phil., Ph.D., Assistant Professor

DEPARTMENT OF VISUAL COMMUNICATION

Mr. K. Velayutham, M.A., M.Phil., Professor & H.O.D.
 Mr. K. Niaz Ahmed, M.A., M.Phil., Associate Professor
 Mr. M.A. Mohideen Meeran Sahib, M.Sc., M.Phil., Assistant Professor
 Ms. J. Sakila, M.A., IMC., Assistant Professor
 Mr. R.L. Velmurugan, B.Sc., ADGMS Assistant Professor

DEPARTMENT OF CATERING AND HOTEL MANAGEMENT

Mr. J.S Monickaraj, B.Sc., Dip. HMCT, MTM., Professor & H.O.D.
 Mrs. R. Anuradha, B.Sc., (H.M) MTM., M.Phil., Assistant Professor
 Mrs. F. Alsharon, M.Sc., (H.M) Assistant Professor
 Mr. N. Logesh, M.Sc., (H.M) M.Phil., M.B.A., Assistant Professor
 Mr. P. Cyril Jesudass, DHMCT., B.Sc., Assistant Professor

DEPARTMENT OF PHYSICAL EDUCATION

Mr. V. Thirunathan, M.A., M.PEd., M.Phil.,
 Chief Physical Education Director,
 Mohamed Sathak Group of Educational Institutions
 Mr. R. Markandan, B.P.E., M.P.Ed., Director of Physical Education

GENERAL LIBRARY

Dr. C. Muthusamy, M.A., MLIS., B.Ed., Ph.D., Librarian
 Mrs. M. Kabirunnisa, B.A., MSC(Lib), M.Phil., Assistant Librarian
 Mrs. V. Dhanalakshmi, M.A., MLIS., Assistant Librarian
 Mr. M. Ramanujam, M.Com., MLIS., Assistant Librarian

NAME OF THE OFFICE STAFF

Mr T.R. Ramasubramanian, B.Sc., Accountant
 Mr M.A. Mahboob Subhan, B.Com., B.Ed., Accountant
 Mr V. Palaniappan, B.Sc., Cashier
 Mr M. Shaik Salim, B.A., P.A. to Dean
 Mr V. Sathish Kumar, B.Sc., P.A. to Principal
 Mr R. Joseph Stephen Anand, B.A., Record Clerk
 Mr R Gopinath, Record Clerk
 Mr S.N. Sheriff Ali Clerk
 Mrs Moogambigai Clerk
 Mr. S. Arun Prasad, B.Com., D.C.P.A., Typist
 Mrs. V. Sumithra Typist
 Mr. S. Syed Iqbal Attender
 Mr. K. Devaraj Attender
 Mr. G. Nalla Mohamed Attender
 Mr. C. Murugan Attender
 Mr. I. Ghouse Mohideen Attender
 Mr. V. Prabhu Attender

LABORATORY STAFF

DEPARTMENT OF COMPUTER SCIENCE

Mr. Nazim Hassian, M.C.A., Programmer
 Mr. M. Hussain Masahir Lab. Attender

DEPARTMENT OF BIOCHEMISTRY

Mrs. J. Sakeetha, B.Sc., D.M.L.T. Lab Technician
 Mrs Vasanthi, D.M.L.T. Lab Technician
 Mr. E. Ravishankar Lab Attender

DEPARTMENT OF MICROBIOLOGY

Mrs A. Najma, M.Sc., B.Ed., Lab Incharge
 Mrs B. Kavitha, B.A., D.M.L.T. Lab Technician
 Mrs B. Varalakshmi, B.Sc., D.M.L.T., Lab Technician
 Mr. I. Naseer Basha Lab Attender

DEPARTMENT OF BIOTECHNOLOGY

Mrs M. Shanthi Perumal, M.A., D.M.L.T. Lab Technician
 Mrs M. Stella Mary, D.M.L.T. Lab Technician
 Mr. Antony Lab Attender

DEPARTMENT OF ELECTRONICS SCIENCE

DEPARTMENT OF VISUAL COMMUNICATION

Mr R.L. Velmurugan, Lab Instructor
 Mr K. Aravindan, B.F.A., Lab Instructor
 Mr K. Surendra Kumaran, B.Sc., ADMM Lab Instructor

DEPARTMENT OF HOTEL AND CATERING MANAGEMENT

Mr A. Manoharan Catering Demonstrator
Mr Manickam Bakery Demonstrator
Mr E. Rajendaran Lab Attender

SYSTEM / NETWORK / UPS ENGINEERS

Mr M. Vasanthamani, M.Sc., I.T.I. MCSE System / Network Engineer
Mr S. Syed Ahamed, H.D.C.H.BN. MCSE System / Network Engineer
Mr Thamees Karunai, D.C.E. CCNA., B.C.A., System / Network Engineer
Mr T.S. Abdul Kadher, M.Sc., I.T., System / Network Engineer
Mr S. Navas Sharif, B.E., System / Network Engineer

GENERAL LIBRARY

Mr V.S. Raja, M.A., M.LIS. Library Assistant
Mr S. Ansar Basha Library Attender

DRIVERS

Mr M. Jagadeeswaran
Mr C.K. Marimuthu
Mr. Ramamoorthy
Mr. A. Baskaran
Mr. R. Murali
Mr. A. Muthuvel
Mr. S. Rajendran
Mr. K. Kalaiselvan
Mr. P.S. Mathew Samson (Cleaner)

LIFT OPERATOR

Mr Jaffer

ELECTRICIAN

Mr A. Jaffar Ali
Mr A. Krishnamoorthy

PLUMBER

Mr A. Zafar Sadiq
Mr. Shahabudeen
Mr. A. Ganesan

GARDENERS

Mr Yesubu
Mr Kesava Thirupal

ATTENDANCE REGULATIONS PRESCRIBED BY
UNIVERSITY WITH EFFECT FROM 2002 - 2003

1. Candidates will be permitted to appear for the theory examinations only if they have attended 75% of the total number of working days of the instructional hours during the year.
2. Candidates will be permitted to appear for the practical examinations only if they have attended 75% of the total number of practical classes during the year.
3. The shortage of attendance can be condoned by the principal up to a maximum of 10% (i.e. 65%) of the total number of working days of instructional hours or practical classes as the case may be. A condonation fee of Rs. 250/- will be collected separately for theory and practicals. Condonation will be granted only if the Principal is satisfied with the progress and conduct of the student.
4. Candidates who have put in less than 50% of attendance have to repeat the course (by rejoining) for which they lack attendance. They will not be permitted to proceed to II, III year until they earn the required attendance for that particular Semester. They have to obtain prior permission from the University to rejoin the course.
5. Candidates who have put in not less than 50% of attendance will be permitted to proceed to the next Semester of the Course and they may be permitted to take next November/December and subsequent University Examination by paying the prescribed condonation fee without putting in further attendance
6. In the case of 1st year students the required Percentage of attendance will be 80% if they are admitted in the month of July, and 85% if they are admitted in August.
7. The annual Certificate of Attendance required by the University for admission to the University Examination will in no case be granted unless (I) the Principal is satisfied with the student's progress and conduct and (II) the student has attended three-fourths of the number of working days for theory classes and three-fourths of the practical classes.

ATTENDANCE AND LEAVE OF ABSENCE

1. It shall be the duty of each student to attend regularly and punctually all the periods on all the working days. A student shall be granted one full day attendance only if he/she attends all the periods of each working day. He/She shall be granted only half a day attendance. If he/she attends any three for four periods.
2. As the students' attendance is computerized, attendance for each period shall be taken as soon as the teacher enters the class and the attendance slip is dispatched to the computer section. Attendance shall be displayed on the Departmental notice boards weekly.

3. An application for leave. countersigned by the parent or guardian in the case of day scholar should be sent to the Principal through the student counsellor concerned and the Head of the Department after being duly recommended.
4. The Hostel students should submit their leave applications to the Principal countersigned by the Hostel Additional Warden/Deputy Warden and through the student counsellor concerned and the Head of the Department, after being duly recommended as in the case of the day scholars.
5. The principal may require the production of a Medical Certificate where the sickness extends three days.
6. If a student absents himself without applying for leave, he shall be fined Re.1/- per day for such absence.
7. If a student absents himself for a week without leave the name will be struck off the rolls, unless he shows that his failure to obtain leave was unavoidable. A re-admission fee of Rs. 10/- will be levied for re-inclusion of the name in the nominal rolls.
8. No student shall enter the classroom without the permission of the staff member in charge of the class or leave the classroom until the class is over.
9. Whenever a student is deputed to represent the College in any tournament or contest, he should obtain prior permission from the Principal, by submitting a letter from the deputing authority, viz., Head of the Department, Director of Physical Education, etc., recommending the name of the participant. Failure to do so will result in loss of attendance for the period of deputation.
10. Students who wish to participate in any tournament or contest on their own, shall also obtain the prior permission from Principal and submit attendance certificate within three days after their return.
11. Students, who fail to obtain prior permission from the Principal, will not be entitled to the grant of attendance for the period of absence.

PROGRESS OF STUDENTS

Students must attend all the Terminal Examinations (Theory & Practicals) and the tests conducted periodically by the respective Departments. A student with satisfactory progress in the examinations alone shall be eligible to get attendance certificate for the University Examinations.

CODE OF CONDUCT

1. All students shall wear clean and decent dress. Dress regulations prescribed by the College must be followed.
2. Students should always possess Identity Card issued by the

College when they are in the College Campus.

3. All Students shall greet all the members of the Teaching staff on the occasion of their first meeting them for the day.
4. On a member of the staff entering the classroom or leaving it, the students shall rise and remain standing till he takes his seat or leaves the room.
5. No student shall leave the classroom without permission or until the class is over.
6. Students shall abstain from creating any noise while moving from one class room to another and shall avoid disturbing other classes.
7. Students are not allowed to loiter in the varandahs during class hours, even if they have no class. When they have no class they are expected to be in the library.
8. Students are forbidden from organizing or attending any meeting in the College or collecting money for any purpose without the prior permission of the principal.
9. Smoking inside the compound, throwing waste paper, defacing the walls and such other offences will invite disciplinary action.
10. Organised absence from classes and soliciting absence of other students are serious breaches of discipline, which may involve removal of a students from the rolls of the College during or at the ended of the year.
11. Students are not allowed to address any authority in a body. Such combined action is subversive of good order.
12. Students on the rolls of the College are forbidden to take active part in any political agitation, directed against the authority of the Government. The Principal may further at his discretion forbid students from engaging prominently in any public movement with which it is undesirable for anybody in the state to be associate.
13. If student attend political meetings and conduct themselves in any manner which is forbidden or unbecoming or engage in political agitation in such a way as to interfere with the corporate life and educational work of the College, the Principal of the College may suspend or expel them or refuse the granting of term certificate for a specified period and may also report their case to the University with a view to their being dealt with under the University regulations.
14. The Principal or other Constituent Colleges or Hostel Authorities may frame and issue from time to time, disciplinary rules of a permanent or temporary character regulating the conduct within the College or Hostel precincts so far as such rules seem necessary to secure the observance of the above rules and also to maintain the respect and reputation of the College or Hostel.
15. The Principal or other Constituent Colleges or Hostel authorities

shall have full powers to effect the following punishment; Imposing fine, Marking absence, withholding or term certificates, suspension, expulsion etc.

16. No student of the College shall be a member of any Association not connected with the College, without the prior permission of the Principal nor shall a student take part in strikes or any anti-social and subversive activities. A student contravening these rules is liable to be expelled from the College. In general, the students are expected to conduct themselves inside and outside the College like gentlemen and maintain the honour and dignity of the academic community to which they belong and to consider all slovenliness as offence against self-respect. No student shall be a member of any political party nor shall he take part in active politics.
17. Character and conduct Certificates cannot be claimed as a matter of right. The Principal may refuse to issue these certificates without assigning any reason whatsoever.

MEDICAL INSPECTION

1. Every student of first year degree classes will be medically examined by a qualified doctor appointed by the College and a report about the state of his/her health prepared.
2. Whenever a medical certificate has to be produced by a student such certificate should be obtained either from the College doctor or from such other doctors as are approved by the Principal.

COLLEGE EXAMINATIONS

In addition to the departmental examinations, term, weekly tests will be held from time to time for all classes at the discretion of the Heads of Departments. Serious action will be taken on absence from these tests. Performance and progress in the weekly tests will be taken into consideration for forwarding them to the University Examinations.

1. Students who indulge in unfair means and dishonesty in the college examination shall be severely dealt with.
2. Absence or Exemption from an examination for whatever reasons would mean nil results.
3. Absence from Terminal Examination will entail a fine of Rs. 20/- per student. In the case of student getting exemption, no fine will be imposed.
4. Students without identity cards will not be allowed to take the examination.
5. A terminal report will be sent by the principal to the Parents or Guardians at the end of the first and second terms about the Student's progress in curricular and extra-curricular activities attendance and conduct etc.

COLLEGE LIBRARY RULES AND REGULATIONS

1. All students and staff of the college are member of the library.
2. Main Library is open on all working days from 9.30 a.m. to 8.00 p.m. Reading room is kept open up to 5.00 p.m. The library will be kept open during vacations between 10.00 a.m. and 3.00 p.m.
3. Every student will be given Two Borrower's Tickets, each bearing his Department number, name, class and group. Each ticket will entitle the students to borrow one book from the library at a time.
4. All new students can get their library borrower ticket on application at the circulation counter in the month of August by producing the fee receipt.
5. Students can keep a borrowed books for two weeks and the books is to be returned on or before the due date.
6. The Librarian may recall a book at any time even during the period of its first issue. The book may be reissued to the same borrower if needed after the purpose for which it has been recalled is served.
7. Reference books, textbooks and periodicals are available for consultation only.
8. Consultation forms on which the student shall apply for reference book, textbook and periodicals shall be kept in the library. Readers before consulting shall fill in the form using a separate one for each volume.
9. Before leaving the library, students must handover the books together with the forms relating to them.
10. No book shall be issued which, in the opinion of the Librarian, is not sufficiently in good condition to be safely handled by the borrower.
11. Borrowers should examine the books and periodicals issued to them at the issue counter. Should there be any mutilation in them. It should be brought to the notice of the staff in charge of the issue counter or the Librarian and a record of it is made. If not done so the borrower shall be held responsible for it.
12. When a book is lost or damaged, the student shall replace the book or pay the double of the cost. Underlining passages or writing marginal notes will be considered as wilful damaging the book.
13. A member who has lost his borrower's ticket shall make a written report to the librarian to trace and return the ticket. If after a period of a fortnight, it is still untraceable, an undertaking in writing shall be given to the effect that the member will hold himself/herself responsible for any unauthorized borrowing in exchange of the lost ticket. On such undertaking being given, a duplicate ticket will be issued on payment of Rupees 50/- per ticket.
14. Students must return their borrower's ticket to the library when leaving the college and obtain "No dues" certificate. Penal fee of

Rupee fifty per ticket will be collected from the students who fail to return tickets in time.

15. Students are not allowed to sub-lend either tickets or books taken from the library.
16. Absolute silence must be maintained in and around the library so that others may use the library undisturbed in peace.
17. Members in the Reading Room shall vacate their seats 10 minutes before the closing time.
18. Suggestions for purchase of books and improvement in service may be made by writing to the librarian.
19. Any change in the rules or regulations or any information will be notified on the library notice board.
20. All personal belongings of the students visiting the library must be kept outside only; a white papers shall be allowed inside the library.
21. Use of cell phone inside the Library is forbidden. The cell phones must be switched off.

RENEWAL

Renewal for the further period of two weeks is permissible for the book when there is no reservation for that from others. But the books have to be produced before the assistant in the counter at the time of renewed. In order that the new due date may be stamped on the new date slip. Any book which is in demand may be lent for a shorter period than a fortnight or may be declared for a period. as a reference book.

RETURNS

1. Absence from the College will not ordinarily be admitted as an excuse for delay in the return of books.
2. Students should ensure that they take the borrower's tickets when they return the books.

RESERVATION

A student can reserve a book, which has already been lent out. The book will be issued to him as soon as the previous borrower returns it. The date when the book is expected back in the library, will be put up on the library notice board, along with the names of the students who have reserved the same. They should arrange to take the books on loan within two days of the notice.

OVERDUE CHARGES

If a book is not returned in time, a fine of Rs. 2/- per volume per day will be levied. A student will forfeit his right to borrow books until such fines are paid in full.

Borrowers who fail to return Books/Periodicals within one month

after the due date shall be liable to pay a fine of Rs. 10 or the cost of the book/periodicals, whichever is higher. While collecting the fines, the intervening holidays will also be taken into account.

ISSUE OF CERTIFICATES

1. For the issue of any certificate, an application has to be made giving details about the student.
2. A notice of two days is ordinarily necessary for the issue of a certificate.
3. A student shall be give T.C. on submission of application within five workings days of the term succeeding his departure from the College.
4. Fee for late application for T.C. is Rs. 25/-
5. Fee for Duplicate copy of Transfer Certificate is Rs. 100/-
6. Fee of Conduct Certificate, Course of Study/Age Certificate is Rs. 10/- each.
7. In the case of application for any of the above certificate made one year after leaving the College a search fee of Rs. 15/- will be charged
8. For ever additional copy of the above certificate extra Rs. 5/- will be charged.

IDENTITY CARDS

Each student of the College is expected to possess and wear the Identity Card with his photograph affixed on it, duly attested by the Principal. They are advised to keep the card with them always and use them on the following occasions:

1. To get concessional tickets to travel by Bus, Rail or Air.
2. To become a member of U.S.I.S. Library, British Council Library, Connemara Library or Local Fund Authority Library.
3. For postal Identity.
4. As an identification when appearing for state Government or University Examinations.
5. For the receipt of payment of fee concession, scholarships etc., at the College cash counter.
6. As a general Identity card, white present in the college.

COLLEGE HOSTEL WARDEN

The Principal is the Ex-officio Warden of the Hostel. He will be assisted by members of the staff in its management including the discipline of the inmates.

ADMISSION

1. The Student shall submit filled in prescribed application form for admission. The application fee is not refundable.
2. In the absence of father or responsible guardian, no student shall be admitted to the Hostel.

3. Admission to the hostel is only for one year. Renewal will depend on the conduct of the student.
4. Admission to the hostel can be refused without assigning any reason.
5. Any student wishing to leave the hostel during the year must have written permission from the parent. It should be made known atleast a month earlier.
6. The Management reserves the right to terminate the period of residence for grave misconduct on the part of the student.
7. Rooms allotted are liable to be changed at the direction of the Warden at any time.
8. Student must bring mattresses and bed linen, bedspreads, plastic buckets, plate and a glass.
9. Leave of absence when the college is working will be allowed for festival, illness, celebrations or for any emergency, with the written permission of the Warden. For festival, celebrations or for any emergency it will be restricted to one week. No deduction of mess charges will be allowed for absence of any kind.

MEALS / MESS

1. Non vegetarian and Vegetarian food shall be served.
2. Students who leave the hostel during the course of a month must pay full charges for the month

SERVICE TIMINGS

| | |
|-----------|------------------------|
| Coffee | 6.30 a.m. to 7.30 a.m. |
| Breakfast | 8.00 a.m. to 9.00 a.m. |
| Lunch | 1.00 p.m. to 2.15 p.m. |
| Tea | 4.30 p.m. to 5.30 p.m. |
| Dinner | 7.30 p.m. to 8.30 p.m. |

All boarders shall assemble in the mess hall in the scheduled time and dine without noise or nuisance to other. They shall behave politely and friendly with all. Food/meals shall not be allowed to take to rooms, except for the sick. All grievances and complaints shall be sorted out amicably to the happiness of all.

STUDIES

1. Study Hours are from 6.00 a.m. to 8.00 a.m. in the morning and 8.30 p.m. to 11.00 p.m.
2. Absolute silence should be maintained during study hours and other times.
3. All lights shall be switched off at 11.00 p.m.
4. Hostellers are not permitted to stay in the hostel during class hours without permission from the warden.

DISCIPLINE

1. The rooms should be kept neat and tidy. All the beds should be covered with bedspreads.
2. Washed clothing should be brought to the rooms dry.
3. Bathrooms and latrines should be left clean after use.
4. Visitors are not allowed to enter the Hostel without prior permission from the warden.
5. No student shall be absent from the Hostel in the night, without Warden's permission as also of the guardian.
6. The guardians are requested to put in writing the time of arrival and departure of their ward from home.
7. Damages done to any Hostel property or article shall be paid by the student in full.
8. Students are cautioned not to keep money or valuables in the rooms. All the suitcase, boxes and rooms should be locked.
9. All hostellers must vacate the hostel immediately after end of their examinations.

Students must strictly adhere to the dress code prescribed in their own interest to develop an attitude of high self esteem and dignity.

DRESS CODE BOYS

Must wear formal Full Hand Shirt and Full Pant with belt and shoes. Jeans and T-shirts are not allowed in college hours.

DRESS CODE GIRLS

Must wear Churidhar or Salwar Kameez and upper shawl.

COMPUTER LABORATORY

Computer laboratory is equipped with costly apparatus and appliances. Hence great care must be exercised in handling the equipment. All breakages, damages, losses etc. must be reported to the Professor concerned as soon as they occur. In case the student fails to report the breakage to the Professor concerned, a fine of Rs. 10/- will be collected along with the breakage charges.

PHYSICAL EDUCATION

Every student shall be required to undergo the course of Physical training prescribed or recognized by the College and his annual attendance and progress certificates will not be considered complete unless the Principal has certified to the effect that the candidate in addition to the usual course of instruction has satisfactorily undergone the prescribed course in physical training and put in three fourths of the attendance.

The course of physical training to be prescribed by the College

and certified

- a. The physical training entitled for members of N.C.C.
- b. Field sports or games
- c. Formal physical exercises.

No student shall be exempted from the course of physical training thus defined unless he is declared by the Medical Officer of the College to be unfit to undergo it.

NATIONAL SERVICE SCHEME

NSS unit was started in Mohamed Sathak College of Arts and Science during the academic year 2000- 2001.

The National Service Scheme (NSS) is a programme organized by the Ministry of Education and Youth Services of the Government of India to offer opportunities and training in service to the community and the nation for students with an aptitude to serve. It is intended to involve the University Students in a variety of Social Serve and Development Activities concomitantly with the normal academic programme. The motto of this scheme is "Education through Community Service"

Students of the first and second year degree classes are eligible for admission. Our college has 2 units and a total of 200 students will be enrolled, who will be under the control of Two programme officers. A Third Unit for girl students is launched in the academic year (2008 - 09) under the supervision of a women programme officers.

THE NSS/YRS/RRC AIMS TO DEVELOP IN ITS VOLUNTEERS

- a. A spirit of selfless service to our people in distress, poverty and ignorance, irrespective of region, language, religion and caste.
- b. A capacity to identify and study community problems, to plan and to carry out welfare projects as a team.
- c. A willingness to share the benefits of modern higher education with our people who did not get this benefit.
- d. A dignity for manual work and respect and concern for our rural masses.
- e. A living faith in the unity of India and our great national heritage.

A variety of service programmes like Slum Clearance, Adult Education, small saving Driver, Community Welfare. Rural Reconstruction, Maintenance of National Monuments, Socio Economic Survey, etc., are available. Certificate will be issued to deserving volunteers at the completion of their two-year term. Volunteers are expected to participate in all the training programme and work camps organized from time to time.

STUDENT COUNSELLING

Under this Scheme all the students of the college are divided into a number of batches and each batch is placed under a particular member of the staff. Each student on being admitted to the College, will be assigned to the care of one of the lectures whom he can consult on all matters where advice is required whether in his studies or in the ordinary affairs of life. Each student is expected to meet his counsellor in-charge at least once a fortnight at such a time as may be fixed by the counselor and take his advice on any matter.

Counselling meetings are conducted periodically by each Counsellor for giving the students proper guidance on points of academic and general interest. No Student should be absent from these meetings without permission. Every counsellor in-charge shall send his report of his wards and these reports are on file in the College Office. Character Certificates are issued by Principal on the basis of the reports furnished by the Counsellors.

Applications for leave should be submitted only through the Counsellor in-charge, and in case where the Counsellor is not satisfied with the grounds on which leave is asked for, no leave shall be granted.. Applications submitted directly to the principal will not be considered.

The students are asked to approach their respective Heads of Departments and Counsellors in-charge for guidance and counselling for any clarification and help.

GRIEVANCE CELL

A Grievance Cell is instituted to sort out problems of the students in academic and administrative matters and to help resolution of problems. All complaints and requests shall be forwarded to the Grievance Cell through the students counselor and the respective Head of the Department.

A reply to the complaint shall be given in the three working days. No students shall insist further on the matter after the Grievance Cell found a reasonable remedy for the issue.

CITIZEN CONSUMER CLUB

Our College has got privileged to install CITIZEN CONSUMER CLUB (CCC) sponsored by the Department of Civil Supplies and Consumer Protection, Govt. of India.

Motto of CCC - "AWARE, ALERT AND ACT" will be ingrained in students - community by adopting innovative' means. It impart awareness among the member-students about the rights and responsibilities of Citizens and Consumers are provided in the

Constitution of India, Consumer Protection Act, 1986 and other Indian Laws. The member-students are expected to participate in all the programmes organized from time to time.

DEENIYATH AND MORAL INSTRUCTIONS

With a view to inculcated high values of morality, humanism, harmony and amity in the students, the college offers Deeniyath and Moral instructions. Sense of morality and ethics makes one healthy in mind and body. It also helps him to analyze good and bad in right earnest and steers him towards righteousness and honesty. The classes are conducted on Wednesdays once a week. All students are expected to benefit from the classes.

General lectures on selected topics shall be arranged once in a month. Popular speakers shall address the students in the meetings and shall clarify doubts in Question-Answer, session after the general talk. At the end of the academic year, examination shall be held. Prizes shall be distributed to the toppers in the examination.

Ragging is an unlawful and punishable act! Strictly prohibited!!

IMPORTANT NOTICE

Tamilnadu Prohibition of Ragging Act, 1997 defines ragging as display of noisy, disorderly conduct or any act which causes or likely to cause physical and psychological or raise apprehension of fear or shame or embarrassment to a student, by teasing, abusing of, playing practical jokes on or causing hurt to such student or asking the student to do any act or perform something which the student will not in ordinary course willingly do. As per the law, ragging or abetting in ragging are acts of indiscipline and crime which the Supreme Court of India in SLP No. 24295 of 2006, held as a perverse act having the effect of dehumanization of the individual affecting his or her self esteem and gave directions to treat ragging more or less at par with rape and other atrocities against women, fill treating persons belonging to reserved categories etc: fresh students, like other weaker sections of the society. need and deserve protection. It has recommended the following punishments which are strictly enforced in the University Grants Commission Regulations on Curbing the Menace of Ragging in Higher Educational Institutions. 2009.

1. Cancellation of admission.
2. Suspension from attending classes.
3. Withholding/withdrawing scholarship/fellowship and other benefits.
4. Debarring from appearing in any test/examination or other evaluation process.
5. Withholding results.
6. Debarring from representing the institution in any national or international meet, tournament, youth festival etc.
7. Suspension/expulsion from the hostel.
8. Rustication from the institution for periods varying from 1 to 4 semesters.
9. Expulsion from the institution and consequent debarring from admission to any other institution.
10. Fine up to 25,000/-
11. Rigorous imprisonment up to three years.

The college is bound to adhere to the Art of the Government of Tamilnadu and the regulations of the University Grants Commission. Therefore, the senior students are earnestly advised to set good example to juniors by desisting from this nefarious act. instead, they must exhibit warmth of love and affection to them and encourage in studies.

Abhor Ragging! Be pleasant and friendly!!

KA «kJ rj i fi y mġ Ēaš fšÿ Ç

nrhĒŠfešÿ ®, br< i d - 600119.
nfĒti j (uhġ f»Š) rĒl ġâ%F¥ ðw«ghd j © l i d ġ FÇa braš!
f© o¥ghfġ j i l brĒa¥gĒl J

Kġ »a mġĠ ¥ò

1997 M« M© oš j ĀæhL muR ei l Ki w¥gLaāa nfĒti j ġ j L¥òċ rĒl ġâY«, cġrŪâk< w áw¥ò mDkâ v©. 24295/2006-i š tHŠ»ĒUġ F« gÇªJi uġ fĒY« gšfi yġ fHf kh< aġ FG 2009-M« M© oĒUªJ brašgLġâĒUġ F« ĒâKi wfĒY«, ðâa ġi sa khz t®fĒ< j< kâ¥i g¥ ghâġ fċ brĒĒġ nfĒti j j © l i d ġ FÇa xGŠŅdċ braš vd ti uaWġ f¥gĒLYsJ.

vªj khz t®fi sí « ngċádhngh vGªâdhngh fha¥gLaJtJ ngh< w el toġi ffÿ, nfĒbrĒĒtJ, t< i kahf elªJbfhÿtJ, i fahÿtJ ngh< w ei l Ki wfÿ, _®ġ fkhfġ «, xGŠŅdkhfġ « elªJ bfhÿS « brašghLfÿ, ðâa khz t®fS ġ nfh, ġi sakhz t®fS ġ nfh vÇġrÿ ĒLj š, mċrġi j Ēi sĒġj š, Jauġi j V¥gLaJj š ngh< w el toġi ffÿ, mšÿJ m«khz t®fÿ j hšfÿ ġ ašghfċ brĒĒtj %F ĒU«ghj brašfi sċ brĒĒġ khW mt®fi sġ fĒl ha¥gLaāa mj< _y« mt®fi s mtkhċġj hY«, j Lkh¥wġj hY« Āi yFi yaċ brĒĒ mt®fSj ċli yġġ cÿSġj ġġ « nkhrkhf¥ ghâ¥gi laċ brĒĒj š ngh< w brašKi wfÿmi dªJnknfĒti j vD«Ġċbrašvd Ēsġ f¥gĒLYsJ.

nfĒti j ġ F¥wĀi H¥gt®fS ġ Fi fhªâUġ F«j © l i d fÿ

1. fšÿ Çċnr®ġi fuªJ brĒa¥gLa«.
2. tF¥ā%F mDkâj %fhĒfkhfĒWªj ¥gLa«.
3. fšĒ ċj Ēġbj hi fġġ « MĒĒ ċj Ēġbj hi fġġ « k¥w rYi ffS « ĀWªj ¥gLa«/āU«g¥bgw¥gLa«.
4. nj®ġ fS ġ F«k¥w kâ¥ĠLFS ġ F«brštJ j Lġ f¥gLa«.
5. nj®ġ Koġ fÿĀWªâi tġ f¥gLa«.
6. g< dhĒL k¥W« cÿehĒL kz t® rªâ¥ò, Ēi sahĒL¥ nghĒofÿ, ġi sP® āUĒHh ngh< w Āfġġ fĒš fšÿ ÇĒġ rh®ghf¥ gŠnf¥gJ j Lġ f¥gLa«.
7. khz t®ĒLāĒĒUªJ j %fhĒfkhfnthĀªj hukhfnthŪġ f¥gLa«.
8. x< WKj šeh< F fšĒĒgUtšfÿti ufšÿ ÇĒUªJ Ūġ f¥gLa«.
9. fšÿ ÇĒĒUªJ Ūġ f¥gLaTjġ< ntW fšÿ ÇĒš mDkâġ f¥gLaTjġ< j Lġ f¥gLa«.
10. %25,000/- ti umguhj «Ēâġ f¥gLa«.
11. _< WM© Lfÿti ufL«ái wªj © l i d ġ F MshfneċL«.

vdnt, _ªj khz t®fÿ nfĒti j v< D« ġi ġi fa fL« F¥wċbraš ðċti j ĒLªJ ġ j šfĒ< ġi sa®fS ġ Fċ áwªj K< khāahf elªJbfhÿs nt© L« v< W mġĠ Wªj ¥gLa»wh®fÿ. nkY« mt®fÿ j šfÿ ġi sat®fĒĒġ m< olD« gċġ l D« gh», mt®fSj fšĒª nj®ċáġ Fª Ji z Ā%FkhW nffLġ bfhÿs¥gLa»wh®fÿ.

nfĒti j ġi abtW¥0! ġ Āa eĒi gts®¥0®

RAGGING REDRESSAL COMMITTEE

| S.No. | Name | Designation/Class | Contact | |
|-------|---------------------------|---|--------------|--------------------------|
| | | | Landline | Mobile |
| 01 | Alhaj S.M. Mohamed Yousuf | Chairman | 044-24501578 | - |
| 02 | Dr. Major M. Jailani | Dean | 044-24501578 | 9840038318 |
| 03 | Dr. R. Meganathan | Principal | 044-24501115 | 8870717071 |
| 04 | Prof. K. Mainuddin Ahamed | HOD - Comp. Sc. | 9841235236 | 9840835927 |
| 05 | Prof. V. Muralidhar | HOD - Mathematics | | |
| 06 | Mrs. N. Sasikala | Assoc. Prof. Dept. of Comp. Sc. | 044-24502576 | - |
| 07 | Prof. R. Rajathilagam | HOD - Elec. Sc. | | 9962549434 |
| 08 | Mr. R. Markandan | Dir. Phy-Education | | 9626650037 |
| 09 | Thiru P.K. Sivakumar | Inspector of Police Chemenchari (J 10 Police Station) | | 9840395559 9498131500 |
| | Student Representatives | | | |
| i | Mr. G. Sathish Kumar | III B.com "C" | | 7845691374 |
| ii | Mr. J. Paul John | II M.B.A. | | 8122315517 |
| iii | Mr. B. Saravanakumar | III BCA 'A' | | 9677003592 |
| iv | Mr. Uppilli N. | III B.Sc., Comp 'C' | | 9790764863 |

UNIVERSITY OF MADRAS
BACHELOR OF COMMERCE (B.COM)
 (Choice Based Credit System)
 (Effective from the academic year 2008 - 2009)

FIRST YEAR

FIRST SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|---------------------|--|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| I | Language | Language-I | CLA1F | 3 | 6 | 25 | 75 | 100 |
| | English | English-I | CLZ1K | 3 | 6 | 25 | 75 | 100 |
| | Core - I | Financial Accounting | BYA1C | 4 | 5 | 25 | 75 | 100 |
| | Core - II | Business Communication | BYA1B | 4 | 5 | 25 | 75 | 100 |
| | Allied I | Business Economics or Business Mathematics I | BYB1B | 5 | 6 | 25 | 75 | 100 |
| | Skill based Subject | Essential of Language & Communication | TSSEA | 2 | - | 50 | 50 | 100 |
| | Non-Tamil Students | Tamil (VI Std) | NLT1C | 2 | 2 | 25 | 75 | 100 |
| | Tamil Students | Non - Major Elective* | TLT1C | 3 | 6 | 25 | 75 | 100 |

FIRST YEAR

SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|---------------------|---|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| II | Language | Language-I | CLA2H | 3 | 6 | 25 | 75 | 100 |
| | English | English-I | CLZ2K | 3 | 6 | 25 | 75 | 100 |
| | Core - I | Adv Financial Accounting | BYA2C | 4 | 5 | 25 | 75 | 100 |
| | Core - II | Principles of Mgt. | BYA2B | 4 | 5 | 25 | 75 | 100 |
| | Allied I | Indian Economy | BYB2B | 5 | 6 | 25 | 75 | 100 |
| | Skill based Subject | Essential of Spoken & Presentation Skills | TSSEB | 2 | - | 50 | 50 | 100 |
| | Non-Tamil Students | Tamil (VI Std) | NLT2D | 2 | 2 | 25 | 75 | 100 |
| | Tamil Students | Non - Major Elective* | TLT2D | | | 25 | 75 | 100 |

* Non-Major Elective Any one of the following (Semester-wise)

I Semester 1. Basics of Computer 2. Basics of Retail Marketing 3. An Overview of ISO 4. Basics of Health Care Mgmt.

II Semester 1. Basics of Cyber Law 2. Basics of Business Insurance 3. Fundamentals of Disaster Mgmt. 4. Concept of Self Help Group

SECOND YEAR

THIRD SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|---------------------|-------------------------------|-------------|--------|----------------|---|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| III | Core - V | Corporate Accounting | BPZ3A | 4 | 6 | 25 | 75 | 100 |
| | Core - VI | Business Laws | BPZ3B | 4 | 5 | 25 | 75 | 100 |
| | Core - VII | Banking Theory Law & Practice | BPZ3C | 4 | 5 | 25 | 75 | 100 |
| | Core - VIII | Marketing | BPZ3D | 4 | 5 | 25 | 75 | 100 |
| IV | Allied - III | Business Statistics & O.R.-I | BTZ3A | 4 | 6 | 25 | 75 | 100 |
| | Soft Skill | Personality Enrichment | TSSEG | 3 | 2 | 50 | 50 | 100 |
| | Skill based Subject | Environmental Studies | ENV4A | | 1 | (Examination will be held in Semester IV) | | |

SECOND YEAR

FOURTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|---------------------|-------------------------------|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| III | Core - IX | Advanced Corporate Accounting | BPZ4A | 4 | 6 | 25 | 75 | 100 |
| | Core - X | Company Laws | BPZ4B | 4 | 5 | 25 | 75 | 100 |
| | Core - XI | Financial Services | BPZ4C | 4 | 5 | 25 | 75 | 100 |
| | Core - XII | Business Taxation | BPZ4D | 4 | 5 | 25 | 75 | 100 |
| IV | Allied - IV | Business Statistics & O.R.-II | BTZ4A | 4 | 6 | 25 | 75 | 100 |
| | Soft Skill | Computer Skills | TSSE1 | 3 | 2 | 40 | 60 | 100 |
| | Skill based Subject | Environmental Studies | ENV4A | 2 | 1 | 25 | 75 | 100 |

THIRD YEAR

FIFTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|------------------|--------------------------------|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| I | Core - XIII | Cost Accounting | BPZ5A | 4 | 6 | 25 | 75 |
| | Core - XIV | Practical Auditing | BPZ5B | 4 | 5 | 25 | 75 |
| | Core - XV | Entrepreneurial Development | BPZ5C | 4 | 6 | 25 | 75 |
| | Core - XVI | Financial Management | BPZ5D | 4 | 6 | 25 | 75 |
| III | Elective - I | Income Tax Law & Practices - I | BVZ5A | 5 | 6 | 25 | 75 |
| | Value Education | | VED5Q | | 1 | | |

39

THIRD YEAR

SIXTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|----------------------|--------------------------------|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| I | Core - XVII | Advanced Cost Accounting | BPZ6A | 4 | 6 | 25 | 75 |
| | Core - XVIII | Management Accounting | BPZ6B | 4 | 6 | 25 | 75 |
| | Core - XIX | Business Environment | BPZ6C | 4 | 5 | 25 | 75 |
| II | Elective - II | Income Tax Law & Practice - II | BVZ6A | 5 | 6 | 25 | 75 |
| | Elective - III | Human Resource Management | BVZ6B | 5 | 6 | 25 | 75 |
| V | Extension Activities | | CES6Q | | 1 | | |

APPENDIX - 9 (R)
UNIVERSITY OF MADRAS
CHOICE BASED CREDIT SYSTEM
2. BACHELOR OF COMMERCE (B.COM)
(ACCOUNTING AND FINANCE)
REGULATIONS

(w.e.f. 2011-12)

I. That in the Regulations relating to B. Com. (Accounting and Finance) under Regulation 6-Schgm of Examination, I, II, III & IV semester be modified to read as follows

Revised Scheme of Examinations: (for, I, II, III & IV semesters)

B.COM. (ACCOUNTING AND FINANCE)

FIRST YEAR

FIRST SEMESTER

| PART | COURSE COMPONENTS | SUBJECT | Sub Code | Credit | Ins. Hrs./Week | Marks | |
|------|-------------------|--|-----------------------|--------|----------------|-------|-----------------|
| | | | | | | CI A | Ext. Exam Total |
| I | | Language | CLA1F | 3 | 6 | 25 | 75 |
| II | | English | CLZ1K | 3 | 6 | 25 | 75 |
| | Core I | Financial Accounting | BPG1A | 4 | 5 | 25 | 75 |
| | Core II | Marketing | BPG1B | 4 | 5 | 25 | 75 |
| | Allied | Allied Business Statistics | BTG1A | 5 | 6 | 25 | 75 |
| IV-1 | | Non-Tamil Students : Basic Tamil/Advanced Tamil Tamil Students : Non- Major Elective* | BNE1B (OR) NLTC | 2 | 2 | 25 | 75 |
| IV-2 | | Soft Skill Paper - 1 | PSSEB | 3 | | 50 | 50 |

40

FIRST YEAR SECOND SEMESTER

| PART | COURSE COMPONENTS | SUBJECT | Sub Code | Credit | Ins. Hrs/Week | Marks | | |
|------|-------------------|---|------------------------|--------|---------------|-------|-----------|-------|
| | | | | | | CI A | Ext. Exam | Total |
| I | | Language | CLA2H | 3 | 6 | 25 | 75 | 100 |
| II | | English | CLZ2K | 3 | 6 | 25 | 75 | 100 |
| | Core - III | Adv. Financial Accounting | BPG2A | 4 | 5 | 25 | 75 | 100 |
| | Core - II | Business Environment | BPG2B | 4 | 5 | 25 | 75 | 100 |
| | Allied - II | Operations Research | BTG2A | 5 | 6 | 25 | 75 | 100 |
| IV-1 | | Non-Tamil Students : Basic Tamil/Advanced Tamil Tamil Students : Non-Major Elective* | BNE2B (OR) NLT2D | 2 | 2 | 25 | 75 | 100 |
| IV-2 | | Soft Skill Paper - 2 | TSSEB | 3 | | 50 | 50 | 100 |

SECOND YEAR THIRD SEMESTER

| PART | COURSE COMPONENTS | COURSE TITLE | Sub Code | Credit | Ins. Hrs/Week | Marks | | |
|------|-----------------------|---|----------|--------|---------------|-------|-----------|-------|
| | | | | | | CI A | Ext. Exam | Total |
| | SEMIESTER - III | | | | | | | |
| III | Core - V | Corporate Accounting | BPG3A | 4 | 6 | 25 | 75 | 100 |
| | Core - VI | Legal Systems in Business | BPG3B | 4 | 5 | 25 | 75 | 100 |
| | Core - VII | Banking Theory, Law & Practice | BPG3C | 4 | 5 | 25 | 75 | 100 |
| | Core - VIII | Entrepreneurial Development | BPG3D | 4 | 5 | 25 | 75 | 100 |
| | Allied - III | Business Economics | BTG3B | 4 | 6 | 25 | 75 | 100 |
| IV 2 | | Soft Skill | TSSEG | 3 | 2 | 50 | 50 | 100 |
| IV 3 | Environmental Studies | (Examination will be held in Semester IV) | | | 1 | | | |

SECOND YEAR FOURTH SEMESTER

| PART | COURSE COMPONENTS | COURSE TITLE | Sub Code | Credit | Ins. Hrs/Week | Marks | | |
|------|-------------------|-------------------------------|----------|--------|---------------|-------|-----------|-------|
| | | | | | | CI A | Ext. Exam | Total |
| III | Core - IX | Advanced Corporate Accounting | BPG4A | 4 | 6 | 25 | 75 | 100 |
| | Core - X | Financial Services | BPG4B | 4 | 5 | 25 | 75 | 100 |
| | Core - XI | Principles of Mgt. | BPG4C | 4 | 5 | 25 | 75 | 100 |
| | Core - XII | Business Communication | BPG4D | 4 | 5 | 25 | 75 | 100 |
| | Allied - IV | International Economics | BTG4B | 4 | 6 | 25 | 75 | 100 |
| IV 2 | | Soft Skill | TSSE1 | 3 | 2 | 40 | 60 | 100 |
| IV 3 | | Environmental Studies | ENV4A | 2 | 1 | 25 | 75 | 100 |

FIFTH SEMESTER

THIRD YEAR

| PART | COURSE COMPONENTS | COURSE TITLE | Sub Code | Credit | Ins. Hrs/Week | Marks | | |
|------|-------------------|-------------------------------|----------|--------|---------------|-------|-----------|-------|
| | | | | | | CI A | Ext. Exam | Total |
| | SEMESTER - V | | | | | | | |
| I | Core - XIII | Practical Auditing | BPG5A | 4 | 6 | 25 | 75 | 100 |
| | Core - XIV | Cost Accounting | BPG5B | 4 | 5 | 25 | 75 | 100 |
| | Core - XV | Income Tax Law & Practice - I | BPG5C | 4 | 6 | 25 | 75 | 100 |
| | Core - XVI | Financial Mgt. | BPG5D | 4 | 6 | 25 | 75 | 100 |
| II | Elective - I | (I) Investment Mgt. | BVG5A | 5 | 6 | 25 | 75 | 100 |
| IV 4 | Value Education | | VAE5Q | | 1 | | | |

SIXTH SEMESTER

THIRD YEAR

| PART | COURSE COMPONENTS | COURSE TITLE | Sub Code | Credit | Ins. Hrs/Week | Marks | | |
|------|----------------------|--------------------------------|----------|--------|---------------|-------|-----------|-------|
| | | | | | | CI A | Ext. Exam | Total |
| I | Core - XVII | Management Accounting | BPG6A | 4 | 6 | 25 | 75 | 100 |
| | Core - XVIII | Advanced Cost Accounting | BPG6B | 4 | 5 | 25 | 75 | 100 |
| | Core - XIX | Income Tax Law & Practice - II | BPG6C | 4 | 6 | 25 | 75 | 100 |
| II | Elective - II | Working Capital Mgt | BVG6A | 4 | 6 | 25 | 75 | 100 |
| | Elective - III | Human Resource Mgt | BVG6B | 5 | 6 | 25 | 75 | 100 |
| | Extension Activities | | CES6Q | 1 | | | | |

APPENDIX - 21 (R)
UNIVERSITY OF MADRAS

CHOICE BASED CREDIT SYSTEM
BACHELOR OF COMMERCE (Hons.)

B.Com. (Hons.)

Three years

Under the faculty of Commerce

REGULATIONS

(Effective from the academic year 2011 - 2012)

Objectives

The main objectives of the program as follows :

- i) To develop the conceptual and practical skills of the students aimed at the intellectual pursuit of knowledge of commercial sciences.
- ii) To help understand methods and processes of commerce in every area of activity.
- iii) To expose them to the areas of application of knowledge in business firms and industrial organizations, and
- iv) To enable them to acquire complete basic and intermediary practical knowledge of various commerce subjects with the sole purpose of making them self dependent and easily employable.

1. ELIGIBILITY FOR ADMISSION :

Candidates for admission to the first year of the degree of B.Com (Hons) Program shall be required to have passed Plus Two examination with an aggregate of 75% marks in 'Commerce Group' consisting of papers such as Commerce, Accountancy and Business Mathematics. Reservation as per Govt. norms shall be followed.

2. ELIGIBILITY FOR THE AWARD OF DEGREE :

A Candidate shall be eligible for the award of the B.Com. (Hons). Degree only if he/she has undergone the prescribed course of study in a College affiliated to the University for a period of not less than three academic years, passed the examination of all the eight Semester prescribed, earning 167 credits and also fulfilled such conditions as may have been prescribed thereof.

3. DURATION OF THE COURSE OF STUDY :

The duration of the course shall be three years. (a) Each academic year shall be divided into two semesters. The first academic year shall comprise the first and second semesters, the second academic year the third and fourth semesters, and the third academic year as the fifth and sixth semesters (b) the odd semesters shall consist of the period from June to November of each year and the even semesters from December to April of each year. There shall be not less than 90 working days for each semester.

4. HIGHLIGHTS OF COURSE OF STUDY :

The main subject of study for the B.Com. (Hons) Program shall comprise of the following :

| | | |
|----------|---|------------------------------------|
| PART I | : | Languages (Tamil other Languages) |
| PART II | : | English |
| PART III | : | Core Subjects, Project, Internship |
| PART IV | : | Non-major, Environmental Studies |
| PART V | : | Extension Activities. |

(i). Learning Methodology

In order to make possible effective leaning, the following methodology is required to be followed by colleges offering the program:

(1) Class Room Teaching (2) Case Study (3) Industry Learning through Internship (4) Self-study.

(ii) Internship

In order to pave way for industry-integrated learning and also to enable students to obtain better practical knowledge and hands-on experience, ever student shall undergo Internship for a period of fourteen weeks as specified below :

Two weeks of Internship at the end of the first, third and fifth Semesters.

Four weeks of Internship at the end of the second and fourth Semesters respectively.

(iii) Passing Minimum:

A candidate shall be declared to have passed : in each theory paper/practical paper wherever prescribed if he or she secures a minimum of 50% in languages, Non-major Elective, Value Education Environmental Studies and in each the core papers as follows :

- There shall be no Passing Minimum for Internal.
- For External Examination, Passing Minimum shall be of 50% (Fifty Percentage) for languages, Non-major Elective, Value Education, Environmental Studies and also for core subjects/Internship/Project and Viva-voce.
- In the aggregate (External+Internal) the passing minimum shall of 50% (Fifty Percentage) for languages, Non-major Elective, Value Education, Environmental Studies and also for core subjects/Intership/Project and Viva-voce.
- He/She shall be declared to have passed the whole examination, if he/she passes in all the papers and practicals wherever prescribed/as per the scheme of examination by earning 167 CREDITS in Parts-I, II, III, IV & V. He/she shall also fulfill the extension activities prescribed earning a

minimum of 1 Credit to qualify for the B.Com. (Hons.) Degree.

e. The above modified regulations to take effect from the academic year 2015-2016,i.e. for the batch of candidates admitted to the course from the academic year 2015-2016 and thereafter.

f. That in the regulations relating to the B.Com (Hons.) Degree course under SI. No. 9a-Grading System be incorporated.

(iv) Grading System :

1. Pass Minimum is 60% of the ESE and also 60% of the maximum of that paper/course.

2. Minimum Credits to be earned

For three year programme : Best 167 credits (Parts-I & II - Languages, Part - III - Major, Electives, Allied, Part - IV Soft Skills and Part - V - Extension Activities, Value Education)

3. Marks and Grades :

The following table gives the marks, grade points, letter grades and classification to indicate the performance of the Candidate.

| RANGE OF MARKS | | GRADE POINTS | | LETTER GRADE | | DESCRIPTION | |
|----------------|-----------------|--------------|-----------------|--------------|-----------------|-------------|-----------------|
| 90 - 100 | | 9.0 to 10.0 | | O | | Outstanding | |
| 80 - 89 | | 8.0 to 8.9 | | D+ | | Excellent | |
| 75 - 79 | | 7.5 to 7.9 | | D | | Distinction | |
| 70 - 74 | | 7.0 to 7.4 | | A+ | | Very Good | |
| 60 - 69 | | 6.0 to 6.9 | | A | | Good | |
| Core | Other than Core | Core | Other than Core | Core | Other than Core | Core | Other than Core |
| | 50 - 59 | | 5.0 to 5.9 | | B | | Average |
| 00 - 59 | 00 - 49 | 0.0 | 0.0 | 0.0 | 0 | Reappear | Reappear |
| Absent | | 0.0 | | AAA | | Absent | |

Core : Part III / Other than core : Part I, II & IV

Passing Minimum 50% for languages? Non-makor Elective, Value Education, Environmental Studies and 60% for core subjects? Intership/Project and Viva-voce (in UE and total separately)

C/ = Credits earned for course in my semester.
 G/ = Grade Points obtained for course / in my semester.
 n = refers to the semester in which such courses were credited.

For a Semester :

$$\text{GRADE POINT AVERAGE (GPA)} = \frac{\sum I C_i G_i}{\sum I C_i}$$

Sum of the multiplication of grade points by the credits of the courses.

$$\text{GPA} = \frac{\text{Sum of the multiplication of grade points by the credits of the courses}}{\text{Sum of the credits of the courses (passed) in a semester.}}$$

Sum of the credits of the courses (passed) in a semester.

For the entire programme :

$$\text{CUMULATIVE GRADE POINT AVERAGE (CGPA)} = \frac{\sum \sum I C_{ni} G_{ni}}{\sum \sum I C_{ni}}$$

Sum of the multiplication of grade points by the credits of the entire programme

$$\text{CGPA} = \frac{\text{Sum of the multiplication of grade points by the credits of the entire programme}}{\text{Sum of the credits of the courses of the entire programme.}}$$

Sum of the credits of the courses of the entire programme.

| CGPA | | GRADE | | CLASSIFICATION | |
|---|-----------------------------|----------------|-----------------|-----------------------------------|-----------------|
| 9.5 - 10.0 9.0 and above but below 9.5 | | O + O | | First Class Exemplary* | |
| 8.5 and above but below 9.0 8.0 and above but below 8.5 7.5 and above but below 8.0 | | D++ D+ D | | First Class with Distinction * | |
| Core | Other than Core | Core | Other than Core | Core | Other than Core |
| 0.0 and above but below 6.0 | 5.5 and above below 6.0 | | B+ | Re-appear | Other than core |
| | 5.5 and above but below 5.5 | U | B | | Second |
| | 0.0 and above but below 5.0 | | U | | Re-appear |

V. The above modified regulations to take effect from the academic year 2011 - 2012, i.e. for the batch of candidates admitted to the course from the academic year 2011 - 2012 and thereafter.

Vi. Specialty

Subjects will be taught in all functional areas and hence there shall be NO speciality

Vii. EXTENSION SERVICE (Part - IV)

A candidate shall be awarded a maximum of 1 credit for Extension Service.

All the students shall have to enroll for NSS/NCC/NSO (Sports & Games) Rotract / Youth Red Cross or any other service organizations in the College and shall have to put in compulsory minimum attendance of 40 hours which shall be duly certified by the Principal of the College before 31st March of year. If a student LACKS 40 HOURS OF ATTENDANCE in the First Year. he/she shall have to compensate the same during the subsequent years.

Students who complete minimum attendance of 40 hours in one year will get HALF CREDIT and those who complete the attendance of 80 or more hours in Two Years will get ONE CREDIT.

Literacy and Population Education Field Work shall be compulsory components in the above extension service activities.

FIRST YEAR

FIRST SEMESTER

| Subjects | Sub. Code | Ins. Hours | Credit | Exam Hour | MAX. MARKS | | |
|--|-----------|------------|--------|-----------|------------|-----------|-------|
| | | | | | Ext. Exam | Int. Mark | Total |
| Part - I Language Paper - I | DLA1A | 4 | 3 | 3hrs | 75 | 25 | 100 |
| Part - II English Paper - I | DLZIE | 4 | 3 | 3hrs | 75 | 25 | 100 |
| Core 1 : Financial Accounting - I | BPH1A | 6 | 4 | 3hrs | 75 | 25 | 100 |
| Core 2 : Accounting Standards | BPH1B | 5 | 4 | 3hrs | 75 | 25 | 100 |
| Core 3 : Customer Relationship Management | BPH1C | 4 | 4 | 3hrs | 75 | 25 | 100 |
| Core 4 : Business Economics | BPH1D | 5 | 4 | 3hrs | 75 | 25 | 100 |
| Part - IV 1. (a) Not studied Tamil up to XII std. - shall take Tamil Comprising of two courses (level VI std.) (b) Studied Tamil upto xii std - taken Non-Tamil under Part - I shall take advance Tamil comprising of two courses. (c) Others who do not comes under a & b can choose non-major elective comprising of two courses. | | 2 | 2 | 3hrs | 75 | 25 | 100 |
| Internship - I (Two weeks) | | | 2 | | | | |

FIRST YEAR

SECOND SEMESTER

| Subjects | Sub. Code | Ins. Hours | Credit | Exam Hour | MAX. MARKS | | |
|--|-----------|------------|--------|-----------|------------|-----------|-------|
| | | | | | Ext. Exam | Int. Mark | Total |
| Part - I Language Paper - II | DLA2G | 4 | 3 | 3hrs | 75 | 25 | 100 |
| Part - II English Paper - II | DLZ2G | 4 | 3 | 3hrs | 75 | 25 | 100 |
| Core 5 : Financial Accounting - II | BPH2A | 6 | 4 | 3hrs | 75 | 25 | 100 |
| Core 6 : Insurance and Risk Management | BPH2B | 5 | 4 | 3hrs | 75 | 25 | 100 |
| Core 7 : Service Marketing | BPH2C | 5 | 4 | 3hrs | 75 | 25 | 100 |
| Core 8 : International Trade | BPH2D | 5 | 4 | 3hrs | 75 | 25 | 100 |
| Part - IV 1. (a) Not studied Tamil up to XII std. - shall take Tamil Comprising of two courses (level VI std.) (b) Studied Tamil upto xii std - taken Non-Tamil under Part - I shall take advance Tamil comprising of two courses. (c) Others who do not comes under a & b can choose non-major elective comprising of two courses. | | 2 | 2 | 3hrs | 75 | 25 | 100 |
| Internship - II (Four weeks) | | | 4 | | | | |

| SECOND YEAR | | THIRD SEMESTER | | | | | | |
|---|-----------|----------------|---------|-----------|------------|-----------|-------|--|
| Subjects | Sub. Code | Ins. Hours | Cre-dit | Exam Hour | MAX. MARKS | | | |
| | | | | | Ext. Exam | Int. Mark | Total | |
| Core 9 : Business Mathematics | BPH3A | 5 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 10 : Logistics and Supply Chain Management | BPH3B | 5 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 11 : Banking Theory, Law and Practice | BPH3C | 5 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 12 : Business Law | BPH3D | 5 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 13 : Corporate Accounting | BPH3E | 6 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 14 : Business Policy & Environment | BPH3G | 4 | 4 | 3hrs | 75 | 25 | 100 | |
| Internship - III (Four weeks) | | | 2 | | | | | |

| SECOND YEAR | | FOURTH SEMESTER | | | | | | |
|---|-----------|-----------------|---------|-----------|------------|-----------|-------|--|
| Subjects | Sub. Code | Ins. Hours | Cre-dit | Exam Hour | MAX. MARKS | | | |
| | | | | | Ext. Exam | Int. Mark | Total | |
| Core 15 : Business Statistics and Operations Research | BPH4A | 5 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 16 : Marketing Practice | BPH4B | 4 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 17 : Principles of Management | BPH4C | 5 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 18 : Special Accounts | BPH4D | 5 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 19 : Company Law | BPH4E | 5 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 20 : Financial Management | BPH4G | 4 | 4 | 3hrs | 75 | 25 | 100 | |
| Environmental Studies | HNV4A | 2 | 2 | | | | | |
| Internship - IV (Four weeks) | | | 4 | | | | | |

| THIRD YEAR | | FIFTH SEMESTER | | | | | | |
|---|-----------|----------------|---------|-----------|------------|-----------|-------|--|
| Subjects | Sub. Code | Ins. Hours | Cre-dit | Exam Hour | MAX. MARKS | | | |
| | | | | | Ext. Exam | Int. Mark | Total | |
| Core 21 : Cost Accounting | BPH5A | 6 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 22 : Corporate Ethics and Governance | BPH5B | 4 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 23 : Income Tax Theory, Law and Practice | BPH5C | 6 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 24 : Financial Services | BPH5D | 5 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 25 : Practical Auditing | BPH5E | 4 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 26 : Research methodology | BPH5G | 5 | 4 | 3hrs | 75 | 25 | 100 | |
| Value Education | HAE5Q | | 2 | | | | | |
| Internship | | | 2 | | | | | |

| THIRD YEAR | | SIXTH SEMESTER | | | | | | |
|--|-----------|----------------|---------|-----------|------------|-----------|-------|--|
| Subjects | Sub. Code | Ins. Hours | Cre-dit | Exam Hour | MAX. MARKS | | | |
| | | | | | Ext. Exam | Int. Mark | Total | |
| Core 27 : Accounting for decision making | BPH6A | 6 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 28 : Human Resource management | BPH6B | 5 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 29 : Security Analysis and Portfolio Management | BPH6C | 5 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 30 : Entrepreneurial Development | BPH6D | 4 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 31 : Business Taxation | BPH6E | 5 | 4 | 3hrs | 75 | 25 | 100 | |
| Core 32 : Project & Viva-voce | BPH6Q | | 8 | 3hrs | 75 | 25 | 100 | |
| Extension Activities | CES6Q | | 1 | 3hrs | 75 | 25 | 100 | |
| Internship | BPHAQ | | | | | | | |

B.Com INFORMATION SYSTEMS MANAGEMENT (B.Com ISM)
(CHOICE BASED CREDIT SYSTEM)
(Effective from the academic year)

FIRST YEAR

FIRST SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|--------------------|---------------------------------------|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| I | Language | Tamil | CLAIF | 3 | 6 | 25 | 75 |
| | | Hindi | CLEIE | 3 | 6 | 25 | 75 |
| | | Arabic | CLHIE | 3 | 6 | 25 | 75 |
| | | French | CLKIE | 3 | 6 | 25 | 75 |
| | | Malayalam | CLDIA | 3 | 6 | 25 | 75 |
| | | English (Incl. Skill based Subject) | CLZIK | 3 | 6 | 25 | 75 |
| II | Foundation Course | | | | | | |
| III | Core | Financial Accounting | MAMIA | 4 | 5 | 25 | 75 |
| IV | Core | Principles of Management | MAMIB | 4 | 5 | 25 | 75 |
| V | Allied - I | Computer Application in Business | MBNIA | 5 | 6 | 25 | 75 |
| | Soft Skills | | TSSEA | 2 | 2 | 50 | 50 |
| | Non Tamil Students | Tamil (VI Std) | NLTIC | | | | |
| | Tamil Students | Non Major Elective (Retail Marketing) | MNMIB | 2 | 2 | | |
| | Advance Tamil | | TLTID | | | | |

51

FIRST YEAR

SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|--------------------|--|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| VI | Language | Tamil | CLA2H | 3 | 6 | 25 | 75 |
| | | Hindi | CLE2B | 3 | 6 | 25 | 75 |
| | | Arabic | CLH2B | 3 | 6 | 25 | 75 |
| | | French | CLK2G | 3 | 6 | 25 | 75 |
| | | Malayalam | CLD2B | 3 | 6 | 25 | 75 |
| | | English (Incl. Skill based Subject) | CLZ2K | 3 | 6 | 25 | 75 |
| VII | Foundation Course | | | | | | |
| VIII | Core | Business Communication | MAM2C | 4 | 5 | 25 | 75 |
| IX | Core | Management Accounting | MAM2D | 4 | 5 | 25 | 75 |
| X | Allied - II | Data Structure | MBN2B | 5 | 6 | 25 | 75 |
| | Soft Skills | | TSSEB | 2 | 2 | 50 | 50 |
| | Non Tamil Students | Tamil (VI Std) | NLT2D | | | | |
| | Tamil Students | Non Major Elective (Basic of Business Insurance) | MNM2G | 2 | 2 | | |
| | Advance Tamil | | TLT2D | | | | |

SECOND YEAR

THIRD SEMESTER

| Part | Study Components | Course Title | Sub. Code | Credit | Ins. Hrs./Week | Marks | |
|------|-----------------------|--|-----------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| | Core - V | Financial Mgt. | MAM3E | 4 | 5 | 25 | 75 |
| | Core - VI | Programming in 'C' | MAN3A | 4 | 6 | 25 | 75 |
| | Core - VII | 'C' Practical | MAN3I | 4 | 5 | 40 | 60 |
| | Core - VIII | Marketing Mgt. | MAN3J | 4 | 5 | 25 | 75 |
| | Allied - III | Business Statistics | MBM3C | 4 | 6 | 25 | 75 |
| | Skill based subject | | TSSEG | 3 | 2 | 50 | 50 |
| | Environmental Studies | Examination will be held in Semester IV) | | | 1 | | |

52

SECOND YEAR

FOURTH SEMESTER

| Part | Study Components | Course Title | Sub. Code | Credit | Ins. Hrs./Week | Marks | |
|------|-----------------------|-------------------------------|-----------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| | Core - IX | Management Information System | MAM4P | 4 | 5 | 25 | 75 |
| | Core - X | OOP with C++ | MAN4A | 4 | 5 | 25 | 75 |
| | Core - XI | C++ Practical | MAN4I | 4 | 5 | 40 | 60 |
| | Core - XII | Business Environment | MAN4B | 4 | 6 | 25 | 75 |
| | Allied - IV | Operation Research | MBM4D | 4 | 6 | 25 | 75 |
| | Skill based subject | | TSSEI | 3 | 2 | 40 | 60 |
| | Environmental Studies | | ENV4A | 2 | 1 | 25 | 75 |

B.Com (ISM) (Who are admitted during 2010-2012)

THIRD YEAR

FIFTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs/Week | Marks | |
|------|------------------|--|-------------|--------|---------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| | Core - XII | Visual Basic Programming | MAN5A | 4 | 6 | 25 | 75 |
| | Core - XIV | Visual Basic Practical | MAN5 I | 4 | 6 | 40 | 60 |
| | Core - XV | Production Management | MAM5T | 4 | 6 | 25 | 75 |
| | Core - XVI | Marketing Research | MAM5S | 4 | 5 | 25 | 75 |
| | Elective - I | (1) Programming in Java OR (2) Entrepreneurial Development | MEM5B | 5 | 6 | 25 | 75 |
| | Value Education | VED5Q | | 1 | | 25 | 75 |

53

THIRD YEAR

SIXTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs/Week | Marks | |
|------|--|---|-------------|--------|---------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| I | Core - XVII | Human Resources Management | MAM6Z | 4 | 6 | 25 | 75 |
| | Core - XVIII | E-Business | MAM6A | 4 | 5 | 25 | 75 |
| | Core - XIX | Software Project Mgt. | MAM6B | 4 | 6 | 25 | 75 |
| II | Elective - I | (1) Web Technology OR (2) SPSS and Tally Accounting Package | MEN6B | 5 | 6 | 40 | 60 |
| V | Elective - III Extension Activities | Project Work (Group) | MAN6Q | 5 | 6 | 40 | 60 |
| | | | | 1 | | 20 | 80 |
| | | | | | | 20 | 100 |

**B.Com COMPUTER APPLICATION
(W.E.E. 2009 - 2010)**

FIRST YEAR

FIRST SEMESTER

| Subjects | Sub Code | Ins. Hours | Credit | Exam Hour | MAX. MARKS | | |
|---|----------|------------|--------|-----------|------------|-----------|-------|
| | | | | | Ext. Exam | Int. Mark | Total |
| Part - I Language | CLA1F | 6 | 3 | 3hrs | 75 | 25 | 100 |
| Part - II English | CLZ1K | 6 | 3 | 3hrs | 75 | 25 | 100 |
| Core 1 : Financial Accounting | BPC1A | 5 | 4 | 3hrs | 75 | 25 | 100 |
| Core 2 : Information Technology | BPC1B | 5 | 4 | 3hrs | 75 | 25 | 100 |
| Allied I : Business Economics | BTC1A | 6 | 5 | 3hrs | 75 | 25 | 100 |
| Part - IV 1. (a) Those who have not studied Tamil up to XII Std. and taken a Non-Tamil Languages under Part - I shall take Tamil comprising of two course (level will be at 6th Standard). (b) Those who have studied Tamil up to XII Std. and taken a Non-Tamil Language under Part-I shall take Advanced Tamil comprising of two Courses. (c) Others who do not come under a + b can choose non-major elective comprising of two courses | | | 2 | 3hrs | 75 | 25 | 100 |
| 2. Soft Skill | | 2 | 3 | | 60 | 40 | 100 |

54

| FIRST YEAR | | | SECOND SEMESTER | | | |
|---|------------|--------|-----------------|------------|-----------|-------|
| Subjects | Ins. Hours | Credit | Exam Hour | MAX. MARKS | | |
| | | | | Ext. Exam | Int. Mark | Total |
| Part - I Language - CLA2H | 6 | 3 | 3hrs | 75 | 25 | 100 |
| Part - II English - CLZ2K | 6 | 3 | 3hrs | 75 | 25 | 100 |
| Core 3 : Advanced Financial Accounting - BPC2A | 5 | 4 | 3hrs | 75 | 25 | 100 |
| Core 4 : Information Technology, Lab-Practicals | 5 | 4 | 3hrs | 60 | 40 | 100 |
| Allied I : Indian Economy - BTC2A | 6 | 4 | 3hrs | 75 | 25 | 100 |
| Part - IV 1. (a) Those who have not studied Tamil up to XII Std. and taken a Non-Tamil Languages under Part - I shall take Tamil comprising of two course (level will be at 6th Standard). (b) Those who have studies Tamil up to XII Std. and taken a Non-Tamil Language under Part-I shall take Advanced Tamil comprising of two Courses. (c) Others who do not come under a + b can choose non-major elective comprising of two courses | | 2 | 3hrs | 75 | 25 | 100 |
| 2. Soft Skill - TSSEB | 2 | 3 | 50 | 50 | | |

| SECOND YEAR | | THIRD SEMESTER | | | | |
|-------------|---|-----------------|--------------|------------|-----------|-------|
| Part | Subjects | Credit | Ins Hr/Week | MAX. MARKS | | |
| | | | | Ext. Exam | Int. Mark | Total |
| III | Core 5 : Corporate Accounting - I BPC3A | 4 | 6 | 25 | 75 | 100 |
| | Core 6 : Business Law - BPC3B | 4 | 6 | 25 | 75 | 100 |
| | Core 7 : Computerised Accounting (Theory & Practical) - BPC31 | 4 | 4 Th 2 Pr | 40 | 60 | 100 |
| | Core 8 : Object Oriented Programming Using C++ (Theory & Practical) - BPC32 | 4 | 4 Th 2 Pr | 40 | 60 | 100 |
| | Allied : Business Statistic and Operations Research - I BTC3A | 4 | 6 | 25 | 75 | 100 |
| IV | Soft Skill - TSSEG | 3 | 2 | 50 | 50 | 100 |
| V | Environmental Studies (Examination will be held in Semester - IV) - ENV4A | | 1 | | | |
| SECOND YEAR | | FOURTH SEMESTER | | | | |
| Part | Subjects | Credit | Ins Hr/Week | MAX. MARKS | | |
| | | | | Ext. Exam | Int. Mark | Total |
| III | Core 9 : Corporate Accounting - II BPC4A | 4 | 6 | 25 | 75 | 100 |
| | Core 10 : Principal of Management BPC4B | 4 | 6 | 25 | 75 | 100 |
| | Core 11 : E-Commerce (Theory) - BPC4C | 4 | 6 | 25 | 75 | 100 |
| | Core 12 : Programming in Java (Theory & Practical) - BPC41 | 4 | 4 Th 2 Pr | 40 | 60 | 100 |
| | Allied IV : Business Statistic and Operations Research - II - BTC4A | 4 | 6 | 25 | 75 | 100 |
| IV | Soft Skill - TSSE1 | 3 | 2 | 50 | 50 | 100 |
| V | Environmental Studies - ENV4A / HNV4A | 2 | 1 | 25 | 75 | 100 |

| THIRD YEAR | | FIFTH SEMESTER | | | | |
|------------|---|----------------|--------------|------------|-----------|-------|
| Part | Subjects | Credit | Ins Hr/Week | MAX. MARKS | | |
| | | | | Ext. Exam | Int. Mark | Total |
| I | Core 13 : Financial Management - BPC5A | 4 | 6 | 25 | 75 | 100 |
| | Core 14 : Marketing - BPC5B | 4 | 6 | 25 | 75 | 100 |
| | Core 15 : Banking & Financial Services - BPC5C | 4 | 6 | 25 | 75 | 100 |
| | Core 16 : Visual Basic and RDBMS (Theory & Practical) - BPC51 | 4 | 4 Th 2 Pr | 40 | 60 | 100 |
| III | Elective I : (1) Income Tax Law and Practice - I (OR) BVC5A (2) Investment Management (OR) (2) Research Methodology | 4 | 6 | 25 | 75 | 100 |
| IV | Value Education (Examination will be held in Semester - VI) - VED5Q | | 1 | | | |
| THIRD YEAR | | SIXTH SEMESTER | | | | |
| Part | Subjects | Credit | Ins Hr/Week | MAX. MARKS | | |
| | | | | Ext. Exam | Int. Mark | Total |
| | Core 17 : Business Environment - BPC6A | 4 | 6 | 25 | 75 | 100 |
| | Core 18 : Human Resources Management | 4 | 6 | 25 | 75 | 100 |
| | Core 19 : Cost & Management Accounting | 4 | 6 | 25 | 75 | 100 |
| | Core 20 : Web Technology (Theory & Practical) | 4 | 4 Th 2 Pr | 40 | 60 | 100 |
| III | Elective II : (1) Income Tax Law and Practice - II (OR) - BVC6A (2) Portfolio Management (OR) (2) Project Work | 4 | 6 | 25 | 75 | 100 |
| IV | Value Education - VAE5Q | 2 | 1 | 25 | 75 | 100 |
| V | Extension Activities - CES6Q | 1 | | | | |

B.Com - Corporate Secretary ship
Choice Based Credit System (CBCS)
(Effective from the academic year 2008-2009)
FIRST SEMESTER

| Course Component | Name of the Course | Sub. Code | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------------------|--|----------------|------------|--------|------------|------------|-----------|-------|
| | | | | | | Ext. Mark | Int. Exam | Total |
| Part I | Language Tamil- / Other Languages-I | CLA1F | | | | | | |
| | Hindi | CLE1E | 6 | 3 | 3 | 75 | 25 | 100 |
| | ARABIC | CLH1E | | | | | | |
| | FRENCH | CLK1E | | | | | | |
| Part II | English - I | CLZ1L | 6 | 3 | 3 | 75 | 25 | 100 |
| Part III | Core Subject : Paper 1: Financial Accounting | BYA1C | 5 | 4 | 3 | 75 | 25 | 100 |
| | Core Subject : Paper II : Company Law and Secretary Practice-I | BYA1B | 5 | 4 | 3 | 75 | 25 | 100 |
| Part IV | Basic Tamil/Advanced Tamil | NLTC/ TLT1C | 2 | - | 3 | 75 | 25 | 100 |
| | Non Major Elective : Introduction to Financial Markets | BYN1D | 2 | - | 3 | 75 | 25 | 100 |
| | Soft Skill - 1 Essentials of language and Communication | TSSEA | 2 | - | 3 | 50 | 50 | 100 |

SECOND SEMESTER

| Course Component | Name of the Course | Sub. Code | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------------------|---|-----------------|------------|--------|------------|------------|-----------|-------|
| | | | | | | Ext. Mark | Int. Exam | Total |
| Part I | Language Tamil- / Other Languages-II | CLA2H | | | | | | |
| | Hindi | CLE2G | 6 | 3 | 3 | 75 | 25 | 100 |
| | ARABIC | CLH2G | | | | | | |
| | FRENCH | CLK2G | | | | | | |
| Part II | English - II | CLZ2K | 6 | 3 | 3 | 75 | 25 | 100 |
| Part III | Core Subject : Paper III: Advanced Financial Accounting | BYA2C | 5 | 4 | 3 | 75 | 25 | 100 |
| | Core Subject : Paper IV : Hyman Resources Management | BYA2B | 5 | 5 | 3 | 75 | 25 | 100 |
| | Allied Subject - II Corporate Finance | BYB2A | 4 | 5 | 3 | 75 | 25 | 100 |
| Part IV | Basic Tamil/Advanced Tamil | NLT2D/ TLT2D | 2 | - | 3 | 75 | 25 | 100 |
| | Non Major Elective : Introduction to Financial Markets | BYN2B | 2 | - | 3 | 75 | 25 | 100 |
| | Soft Skill - II | TSSEB | 2 | - | 3 | 50 | 50 | 100 |

THIRD SEMESTER

| Course Component | Name of the Course | Sub. Code | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------------------|--|-----------|------------|--------|---------------------|------------|-----------|-------|
| | | | | | | Ext. Mark | Int. Exam | Total |
| Part I | Language Tamil- / Other Languages-I Hindi ARABIC FRENCH | CLA3J | 6 | 3 | 3 | 75 | 25 | 100 |
| | | CLE3C | | | | | | |
| | | CLH3H | | | | | | |
| | | CLK3H | | | | | | |
| Part II | English - III | CLZ3C | 6 | 3 | 3 | 75 | 25 | 100 |
| Part III | Core Subject : Paper V: Corporate Accounting - 1 | BYA3A | 5 | 5 | 3 | 75 | 25 | 100 |
| | | BYA3B | 5 | 5 | 3 | 75 | 25 | 100 |
| | | BYB3A | 5 | 5 | 3 | 75 | 25 | 100 |
| Part IV | Soft Skill - III Personality Enrichment | TSSEG | 2 | 3 | 3 | 60 | 40 | 100 |
| | Environmental Studies | ENV4A | 1 | 2 | Exam in IV Semester | | | |

FOURTH SEMESTER

| Course Component | Name of the Course | Sub. Code | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------------------|--|-----------|------------|--------|------------|------------|-----------|-------|
| | | | | | | Ext. Mark | Int. Exam | Total |
| Part I | Language Tamil- / Other Languages-I Hindi ARABIC FRENCH | CLA4K | 6 | 3 | 3 | 75 | 25 | 100 |
| | | CLE4D | | | | | | |
| | | CLH4J | | | | | | |
| | | CLK4J | | | | | | |
| Part II | English - IV | CLZ4C | 6 | 3 | 3 | 75 | 25 | 100 |
| Part III | Core Subject : Paper V: Corporate Accounting - II | BYA4A | 5 | 5 | 3 | 75 | 25 | 100 |
| | | BYA4B | 5 | 5 | 3 | 75 | 25 | 100 |
| | Allied Subject - IV Statistics - II | BYB4A | 5 | 5 | 3 | 75 | 25 | 100 |
| Part IV | Soft Skill - IV Computing Skills | TSSE1 | 2 | 3 | 3 | 60 | 40 | 100 |
| | Environmental Studies | ENV4A | 1 | 2 | 3 | 75 | 25 | 100 |

FIFTH SEMESTER

| Course Component | Name of the Course | Sub. Code | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------------------|---|-----------|------------|--------|------------|------------|-----------|-------|
| | | | | | | Ext. Mark | Int. Exam | Total |
| Part III | Core Subject : Paper IX: Cost Accounting | BYA5A | 6 | 4 | 3 | 75 | 25 | 100 |
| | Core Subject : Paper X : Securities Laws and Markets Operations | BYA5B | 6 | 5 | 3 | 75 | 25 | 100 |
| | Core Subject Paper XI : Income Tax Law and Practice - I | BYA5C | 6 | 4 | 3 | 75 | 25 | 100 |
| | Core Subject : Paper XII : Commercial Law | BYA5D | 5 | 4 | 3 | 75 | 25 | 100 |
| | Core Subject : Paper XIII : (Elective) Entrepreneurial Development | BYE5A | 5 | 4 | 3 | 75 | 25 | 100 |
| | Value Education | VAE5Q | 2 | 2 | 3 | 75 | 25 | 100 |

SIXTH SEMESTER

| Course Component | Name of the Course | Sub. Code | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------------------|---|-----------|------------|--------|------------|------------|-----------|-------|
| | | | | | | Ext. Mark | Int. Exam | Total |
| Part III | Core Subject : Paper XIV: Management Accounting | BYA5A | 6 | 4 | 3 | 75 | 25 | 100 |
| | Core Subject : Paper XV : Industrial Laws | BYA6B | 6 | 4 | 3 | 75 | 25 | 100 |
| | Core Subject Paper XVI : Income Tax Law and Practice - II | BYA6C | 6 | 4 | 3 | 75 | 25 | 100 |
| | Core Subject : Paper XVII : Indirect Taxes | BYA6D | 6 | 4 | 3 | 75 | 25 | 100 |
| | Core Subject : Paper XVIII : (Project) Institutional Training | BYE6Q | 6 | 5 | 3 | 75 | 25 | 100 |
| | Extension Activities | CES6Q | 1 | | | | | |

BACHELOR OF BUSINESS ADMINISTRATION (B.B.A)
(CHOICE BASED CREDIT SYSTEM)
 (Effective from the academic year 2008-2009)

FIRST YEAR

FIRST SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs/Week | Marks | |
|------|--------------------|---------------------------------------|-------------|--------|---------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| I | Language | Tamil | CLAIF | 3 | 6 | 25 | 75 |
| | | Hindi | CLEIE | 3 | 6 | 25 | 75 |
| | | Arabic | CLHIE | 3 | 6 | 25 | 75 |
| | | French | CLKIE | 3 | 6 | 25 | 75 |
| | | Malayalam | CLDIA | 3 | 6 | 25 | 75 |
| II | Foundation Course | English (Incl. Skill based Subject) | CLZIK | 3 | 6 | 25 | 75 |
| III | Core | Financial Accounting | MAMIC | 4 | 5 | 25 | 75 |
| IV | Core | Principles of Management | MAMIB | 4 | 5 | 25 | 75 |
| V | Allied - I | Managerial Economics | MBMIA | 5 | 6 | 25 | 75 |
| | Soft Skills | Language & Communication Level - I | TSSEA | 2 | 2 | 50 | 100 |
| | Tamil Students | Non Major Elective (Retail Marketing) | MNM1B | 2 | 2 | 25 | 75 |
| | Non Tamil Students | Basic Tamil - I | NLTIC | 2 | 2 | 25 | 75 |
| | | Advance Tamil - I | TLTIC | 2 | 2 | 25 | 75 |

FIRST YEAR

SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs/Week | Marks | |
|------|--------------------|--|-------------|--------|---------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| VI | Language | Tamil - II | CLA2H | 3 | 6 | 25 | 75 |
| | | Hindi - II | CLE2G | 3 | 6 | 25 | 75 |
| | | French - II | CLK2G | 3 | 6 | 25 | 75 |
| | | Arabic - II | CLH2B | 3 | 6 | 25 | 75 |
| VII | Foundation Course | English (Incl. Skill based Subject) | CLZ2K | 3 | 6 | 25 | 75 |
| VIII | Core - III | Management Accounting | MAM2E | 4 | 5 | 25 | 75 |
| IX | Core - IV | Business Communication | MAM2C | 4 | 5 | 25 | 75 |
| X | Allied - II | International Trade | MBM2B | 5 | 6 | 25 | 75 |
| | Soft Skills | Language & Communication Level - 2 | TSSEB | 2 | 2 | 50 | 100 |
| | Tamil Students | Non Major Elective (Basic of Business Insurance) | MNM2G | 2 | 2 | 25 | 75 |
| | Non Tamil Students | Basic Tamil - II | NLT2D | 2 | 2 | 25 | 75 |
| | | Advance Tamil - II | TLT2D | 2 | 2 | 25 | 75 |

SECOND YEAR**THIRD SEMESTER**

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|------------------|----------------------------------|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| | Core - V | Financial Management | MAM3E | 4 | 5 | 25 | 75 | 100 |
| | Core - VI | Organization Behavior | MAM3G | 4 | 6 | 25 | 75 | 100 |
| | Core - VII | Computer Application in Business | MAM3H | 4 | 5 | 40 | 60 | 100 |
| | Core - VIII | Marketing Management | MAM3J | 4 | 5 | 25 | 75 | 100 |
| | Allied - III | Business Statistics | MEM3C | 4 | 6 | 25 | 75 | 100 |
| | Soft Skills | Personality Enrichment | TSSEG | 4 | 2 | 50 | 50 | 100 |

59

SECOND YEAR**FOURTH SEMESTER**

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|---------------------|-------------------------------|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| | Core - IX | Business Taxation | MAM4K | 4 | 5 | 25 | 75 | 100 |
| | Core - X | Business Regulatory Framework | MAM4M | 4 | 5 | 25 | 75 | 100 |
| | Core - XI | Financial Services | MAM4N | 4 | 5 | 40 | 60 | 100 |
| | Core - XII | Management Information System | MAM4P | 4 | 6 | 25 | 75 | 100 |
| | Allied - IV | Operation Research | MEM4D | 4 | 6 | 25 | 75 | 100 |
| | Skill based Subject | Computing Skills | TSSE1 | 2 | 2 | 50 | 50 | 100 |
| | | Environmental Studies | ENV4A | 2 | 2 | 25 | 75 | 100 |

THIRD YEAR**FIFTH SEMESTER**

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|------------------|-----------------------------|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| | Core - XIII | Business Ethics and Values | MAM5R | 4 | 5 | 25 | 75 | 100 |
| | Core - XIV | Marketing Research | MAM5S | 4 | 6 | 25 | 75 | 100 |
| | Core - XV | Production Management | MAM5T | 4 | 6 | 25 | 75 | 100 |
| | Core - XVI | Material Management | MAM5W | 4 | 6 | 25 | 75 | 100 |
| | Elective - I | Entrepreneurial Development | MEM5B | 5 | 6 | 25 | 75 | 100 |
| | | Value Education | VAE5Q | 2 | 1 | 25 | 75 | 100 |

60

THIRD YEAR**SIXTH SEMESTER**

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|----------------------|----------------------------------|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| | Core - XVII | Business Environment | MAM6X | 4 | 5 | 25 | 75 | 100 |
| | Core - XVIII | Services Marketing | MAM6Y | 4 | 6 | 25 | 75 | 100 |
| | Core - XIX | Human Resource Management | MAM6Z | 4 | 6 | 25 | 75 | 100 |
| | Elective - II | Customer Relationship Management | MEM6A | 5 | 6 | 25 | 75 | 100 |
| | Elective - III | Project Work (Group) | MAM6Q | 5 | 6 | 20 | 80 | 100 |
| | Extension Activities | | CES6Q | 1 | | | | |

**B.Sc., DEGREE COURSE IN COMPUTER SCIENCE
(CHOICE BASED CREDIT SYSTEM)
(Effective from the academic year 2008-2009)**

FIRST YEAR

FIRST SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | CIA | Marks Ext. Exam | Total |
|-------|----------------------|--|-------------|--------|----------------|-----|-----------------|-------|
| Cs101 | Foundation Course-I | Tamil | CLA1F | 4 | 6 | 25 | 75 | 100 |
| | | Arabic | CLH1E | 4 | 6 | 25 | 75 | 100 |
| | | French | CLK1E | 4 | 6 | 25 | 75 | 100 |
| | | Hindi | CLE1E | 4 | 6 | 25 | 75 | 100 |
| CS102 | Foundation Course-II | English-I | CLZ1L | 4 | 6 | 25 | 75 | 100 |
| CS103 | Allied - I | Mathematics | SBAMA | 4 | 9 | 25 | 75 | 100 |
| CS104 | | Programming in 'C' | SAE1A | 4 | 5 | 25 | 75 | 100 |
| CS105 | Practical - I | Programming in 'C' a) Those who have not studied Tamil upto XII std and taken a non - Tamil language under Part I shall take Tamil comprising of two courses (level will be at 6th Std.) b) Those who have studied Tamil upto XII std and taken a non - Tamil language under Part I shall take Advanced Tamil comprising of two courses c) Others who do not come under a+b can choose non-major elective comprising of two courses . | SAE1I | 4 | 4 | 25 | 75 | 100 |
| | Elective | Skill Based Subject - Soft Skill | TSSEA | | 2 | 50 | 50 | 100 |
| | | Basic Tamil | NLT1C | | 2 | 25 | 75 | 100 |
| | | Advance Tamil | TLT1C | | 2 | 25 | 75 | 100 |

FIRST YEAR

SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | CIA | Marks Ext. Exam | Total |
|-------|----------------------|--|-------------|--------|----------------|-----|-----------------|-------|
| Cs106 | Foundation Course-I | Tamil | CLA2H | 4 | 6 | 25 | 75 | 100 |
| | | Arabic | CLH2G | 4 | 6 | 25 | 75 | 100 |
| | | French | CLK2G | 4 | 6 | 25 | 75 | 100 |
| | | Hindi | CLE2G | 4 | 6 | 25 | 75 | 100 |
| CS107 | Foundation Course-II | English-I | CLZ2J | 4 | 6 | 25 | 75 | 100 |
| CS108 | Allied - I | Mathematics | SBAMB | 4 | 9 | 25 | 75 | 100 |
| | | Digital Electronics & Microprocessor | SAE2B | 4 | 5 | 25 | 75 | 100 |
| CS109 | Practical | Digital & Microprocessor Lab | SAE22 | 4 | 4 | 25 | 75 | 100 |
| | | a) Those who have not studied Tamil upto XII std and taken a non - Tamil language under Part I shall take Tamil comprising of two courses (level will be at 6th Std.) b) Those who have studied Tamil upto XII std and taken a non - Tamil language under Part I shall take Advanced Tamil comprising of two courses c) Others who do not come under a+b can choose non-major elective comprising of two courses . | | | 1 | 25 | 75 | 100 |
| | Elective | Skill Based Subject - Soft Skill | TSSEB | | 2 | 50 | 50 | 100 |
| | | Basic Tamil | NLT2D | | 2 | 25 | 75 | 100 |
| | | Advance Tamil | TLT2D | | 2 | 50 | 50 | 100 |

SECOND YEAR

THIRD SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|-----------------------|---|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| I | | Language Paper - III | CLA3J | 3 | 5 | 25 | 75 |
| II | | English Paper - III | CLZ3C | 3 | | 25 | 75 |
| III | Paper - V | Programming in C++ and Data Structures | SAE3A | 4 | | 25 | 75 |
| | Paper - VI | Practical - III: Data Structures using C++ | SAE3I | 4 | | 40 | 60 |
| | Allied - II Paper-I | (a) Physics or (b) Statistical Methods and their applications | SBA0C | 5 | | 25 | 75 |
| IV | Soft Skill - III | TSSEG | | 3 | | 40 | 60 |
| | Environmental Studies | | | | | 25 | 75 |

SECOND YEAR

FOURTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|-----------------------|---|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| I | | Language Paper - IV | CLA4K | 3 | 6 | 25 | 75 |
| II | | English Paper - IV | CLZ4D | 3 | | 25 | 75 |
| III | Paper - VII | Programming in JAVA | SAE4A | 4 | | 25 | 75 |
| | Paper - VIII | Java Programming Lab Practical - IV | SAE4I | 4 | | 40 | 60 |
| | | Statistical & Methods & their applications - Practical | SBA02 | | | | |
| | Allied - II Paper-I | (a) Physics or (b) Statistical Methods and their applications | SBA0D | 5 | | 25 | 75 |
| IV | Soft Skill - III | TSSEN | | 3 | | 40 | 60 |
| | Environmental Studies | ENV4A | | 2 | | 25 | 75 |

THIRD YEAR

FIFTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|----------|------------------|--|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| Part III | Paper - IX | Operating systems | SAE5A | 4 | | 25 | 75 |
| | Paper - X | Database Management Systems | SAE5B | 4 | | 25 | 75 |
| | Paper - XI | Computer Architecture and Organization | SAE5C | 4 | | 25 | 75 |
| | Paper - XII | RDBMS LAB - Practical - V | SAE5I | 4 | | 40 | 60 |
| | Elective - I | | | 5 | | 25 | 75 |
| Part IV | Value Education | | VAE5Q | 2 | | | |

THIRD YEAR

SIXTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|----------|----------------------|--------------------------------------|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| Part III | Paper - XIII | Data Communication and Networking | SAE6A | 74 | | 25 | 75 |
| | Paper - XIV | Web Technology | SAE6B | 4 | | 25 | 75 |
| | Paper - XV | Web Application LAB - Practical - VI | SAE6I | 4 | | 60 | 40 |
| | Elective - II | | | 5 | | 75 | 25 |
| | Elective - III | | | 5 | | 75 | 25 |
| Part V | Extension Activities | | CES6Q | 1 | | | |

Elective I : Visual Programming/RDBMS with ORACLE/Unix Programming (SEE5A)
 Elective II : Data Mining/Software Testing/Object Oriented Analysis and Design (SEE6C)
 Elective III : Client Server Computing/Computer Graphics/Software Engineering (SEE6G)
 One of the following allied shall be chosen for Allied II
 (a) Physics (b) Statistical Methods and their applications.

BACHELOR OF COMPUTER APPLICATION B.C.A.
(CHOICE BASED CREDIT SYSTEM)
(Effective from the academic year 2008-2009)

FIRST YEAR

FIRST SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | CIA | Marks Ext. Exam | Total |
|------|----------------------|--|-------------|--------|----------------|-----|-----------------|-------|
| I | Foundation Course-I | Tamil | CLAFI | 3 | 6 | 25 | 75 | 100 |
| | | Arabic | CLH2G | 3 | 6 | 25 | 75 | 100 |
| | | Fench | GLKIE | 3 | 6 | 25 | 75 | 100 |
| | | Hindi | CLEIE | 3 | 6 | 25 | 75 | 100 |
| II | Foundation Course-II | English-I | CLZIL | 3 | 6 | 25 | 75 | 100 |
| III | | Mathematics | SBAMA | 5 | 6 | 25 | 75 | 100 |
| IV | | Fundamentals of Digital Computers | SAUIA | 5 | 5 | 25 | 75 | 100 |
| | | PC Software Lab | SAZ11 | 4 | 4 | 25 | 75 | 100 |
| IV | | a) Those who have not studied Tamil upto XII std and taken a non - Tamil language under Part I shall take Tamil comprising of two courses (level will be at 6th Std.) b) Those who have studied Tamil upto XII std and taken a non - Tamil language under Part I shall take Advanced Tamil comprising of two courses c) Others who do not come under a+b can choose non-major elective comprising of two courses . | | | 1 | 25 | 75 | 100 |
| | Elective | Skill Based Subject - Soft Skill | TSSEA | | 2 | 50 | 50 | 100 |
| | | Basic Tamil | NLT1C | | 2 | 25 | 75 | 100 |
| | | Advance Tamil | TLT1C | | 2 | 25 | 75 | 100 |

FIRST YEAR

SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | CIA | Marks Ext. Exam | Total |
|------|----------------------|--|-------------|--------|----------------|-----|-----------------|-------|
| | Foundation Course-I | Tamil | CLH2G | 3 | 6 | 25 | 75 | 100 |
| | | Arabic | CLH2G | 3 | 6 | 25 | 75 | 100 |
| | | Fench | GLKIE | 3 | 6 | 25 | 75 | 100 |
| | | Hindi | CLEIE | 3 | 6 | 25 | 75 | 100 |
| VI | Foundation Course-II | English-I | CLZIL | 3 | 6 | 25 | 75 | 100 |
| VI | | Mathematics | CLZGVA | 3.5 | 6 | 25 | 75 | 100 |
| VII | Foundation Course-II | Fundamentals of Digital Computers | CLSAOIA | 3.5 | 6 | 25 | 75 | 100 |
| VII | | PC Software Lab | SBASMA1 | 5.4 | 6 | 25 | 75 | 100 |
| VII | | Practical - I | SAE1A | 4 | 6 | 25 | 75 | 100 |
| | | Practical - I | SAE11 | 4 | 4 | 25 | 75 | 100 |
| | | a) Those who have not studied Tamil upto XII std and taken a non - Tamil language under Part I shall take Tamil comprising of two courses (level will be at 6th Std.) b) Those who have studied Tamil upto XII std and taken a non - Tamil language under Part I shall take Advanced Tamil comprising of two courses c) Others who do not come under a+b can choose non-major elective comprising of two courses . | | | 1 | 25 | 75 | 100 |
| | Elective | Skill Based Subject - Soft Skill | TSSEA | | 2 | 25 | 75 | 100 |
| | | Basic Tamil | NLT2D | | 2 | 50 | 50 | 100 |
| | | Advance Tamil | TLT2D | | 2 | 25 | 75 | 100 |

SECOND YEAR

THIRD SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|--------------------------|--|-------------|--------|----------------|---|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| III | Core - Paper - V | Programming in C++ and Data Structures | SAZ3A | 4 | 6 | 25 | 75 100 |
| | Paper - VI | Microprocessors and its Applications | SAZ3B | 4 | 6 | 25 | 75 100 |
| | Paper - VII | Numerical and Statistical Methods | SAZ3C | 4 | 6 | 25 | 75 100 |
| | Paper - VIII | Practical-III : Programming in C++ using Data structures | SAZ31 | 3 | 6 | 40 | 60 100 |
| | Allied Subject Paper-III | Financial Accounting | SBZ3C | 4 | 6 | 25 | 75 100 |
| IV | Soft Skill - III | | TSSEG | 3 | 6 | 40 | 60 100 |
| | Environmental Studies | | | 2 | 6 | Examination will be held in IV Semester | |

SECOND YEAR

FOURTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|-------------------------|-------------------------------------|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| III | Core - Paper - IX | Programming in Java | SAZ4A | 4 | 6 | 25 | 75 100 |
| | Paper - X | Operating System | SAZ4B | 4 | 6 | 25 | 75 100 |
| | Paper - XI | Computer Graphics | SAZ4C | 4 | 6 | 25 | 75 100 |
| | Paper - XII | Practical-IV : Java Programming Lab | SAZ41 | 3 | 6 | 40 | 60 100 |
| | Allied Subject Paper IV | Cost and Management Accounting | SBZ4A | 4 | 6 | 25 | 75 100 |
| IV | Soft Skills - IV | | TSSEN | 3 | 6 | 40 | 60 100 |
| | Environmental Studies | | ENV4A | 2 | | 25 | 75 100 |

THIRD YEAR

FIFTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|------------------|---|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| III | Core - XIII | Database Management System | SAZ5A | 4 | 6 | 25 | 75 100 |
| | Paper - XIV | Software Engineering | SAZ5B | 4 | 6 | 25 | 75 100 |
| | Paper - XV | Resource Management Techniques | SAZ5C | 4 | 6 | 25 | 75 100 |
| | Paper - XVI | Practical-V : RDBMS Lab | SAZ51 | 4 | 6 | 40 | 60 100 |
| | Elective - I | Visual Programming (or) RDBMS with ORACLE (or) Unix Programming | SEZ5A | 4 | 6 | 25 | 75 100 |
| | Value Education | | VED4Q | 2 | | 25 | 75 100 |

THIRD YEAR

SIXTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|----------------------|---|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| III | Core - Paper - XVII | Web Technology | SAZ6A | 4 | 6 | 25 | 75 100 |
| | Paper - XVIII | Data Communication and Networking | SAZ6B | 4 | 6 | 25 | 75 100 |
| | Paper - XIX | Software Testing | SAZ6C | 4 | 6 | 25 | 75 100 |
| | Paper - XX | Practical-VI : Web Application Lab | SAZ61 | 4 | 6 | 40 | 60 100 |
| | Elective - II | Data Mining (or) E-Commerce (or) object Oriented Analysis and Design Multimedia Systems (or) Client Server Computing (or) Distributed Computing | SEZ6C | 4 | 6 | 25 | 75 100 |
| | Elective - III | | SEZ6D | 4 | 6 | 25 | 75 100 |
| V | Extension Activities | | CES6Q | 1 | - | 25 | 75 100 |

Elective I
 Visual Programming (or)
 RDBMS with ORACLE (or)
 Unix Programming

Elective II
 Date Mining (or)
 E-Commerce (or)
 Object Oriented Analysis and Design (SEZ6C)

Elective III
 Multimedia Systems (or)
 Client Server Computing (or)
 Distributed Computing (SEZ6D)

B.Sc. BIOCHEMISTRY
DEGREE OF BACHELOR OF SCIENCE
(CHOICE BASED CREDIT SYSTEM(CBCS)
(Effective from the academic year 2008-2009)

FIRST SEMESTER

| Part | Course Title | Subject Code | Ins. Hrs | Credit | Exam Hrs | Max. Marks | | |
|------|---|--------------|----------|--------|----------|---------------------|----------------|-------|
| | | | | | | External Marks | Internal Marks | Total |
| I | Language Tamil - I / Other Languages - I | CLA1F | 6 | 3 | 3 | 75 | 25 | 100 |
| II | English Paper - I | CLZ1L | 6 | 3 | 3 | 75 | 25 | 100 |
| III | Core Subject Paper I Cell Biology | SAB1A | 6 | 5 | 3 | 75 | 25 | 100 |
| | Core Subject Paper III Practicals - I | SAB2I | 3 | 4 | | Exam in II Semester | | |
| | Allied Subject Chemistry - I | SBADA | 6 | 4 | 3 | 75 | 25 | 100 |
| | Allied Subject Chemistry Practical | SBAD1 | 3 | 2 | | Exam in II Semester | | |
| IV | Basic Tamil / Advanced Tamil | MUTIC/TITIC | 2 | - | 3 | 75 | 25 | 100 |
| | Non Major Elective Nutritional Biochemistry | SNB1B | 2 | - | 3 | 75 | 25 | 100 |
| | Soft Skill - I | TSSEA | 2 | 3 | 3 | 50 | 50 | 100 |

SECOND SEMESTER

| Part | Course Title | Subject Code | Ins. Hrs | Credit | Exam Hrs | Max. Marks | | |
|------|---|--------------|----------|--------|----------|----------------|----------------|-------|
| | | | | | | External Marks | Internal Marks | Total |
| I | Language Tamil - I / Other Languages - I | CLA2H | 6 | 3 | 3 | 75 | 25 | 100 |
| II | English Paper - II | CLZ2L | 6 | 3 | 3 | 75 | 25 | 100 |
| III | Core Subject Paper II Chemistry of Biomolecules | SAB2B | 6 | 5 | 3 | 75 | 25 | 100 |
| III | Core Subject Paper III Practicals - I | SAB2I | 3 | 4 | 6 | 60 | 40 | 100 |
| III | Allied Subject Chemistry - II | SBADB | 3 | 4 | 6 | 75 | 25 | 100 |
| III | Allied Subject Chemistry Practical | SBAD1 | 3 | 2 | 3 | 60 | 40 | 100 |
| IV | Basic Tamil / Advanced Tamil | MUTED/TITED | 2 | - | 3 | 75 | 25 | 100 |
| IV | Non Major Elective Cancer and its treatment | SNB2H | 2 | - | 3 | 75 | 25 | 100 |
| IV | Soft Skill - II | TSSEB | 2 | 3 | 3 | 50 | 50 | 100 |

THIRD SEMESTER

| Part | Course Title | Subject Code | Ins. Hrs | Credit | Exam Hrs | Max. Marks | |
|------|---|--------------|----------|--------|---------------------|----------------|-------|
| | | | | | | External Marks | Total |
| I | Language Tamil - III / Other Languages | CLA3J | 6 | 3 | 3 | 75 | 100 |
| II | English Paper -III | - | 6 | 3 | 3 | 75 | 100 |
| III | Core Subject Paper VI Biochemical Tech -I | SAB3A | 6 | 5 | 3 | 75 | 100 |
| III | Core Subject Paper VI Practical - II | SAB4I | 3 | 4 | Exam in IV Semester | | |
| III | Allied Subject Biostatistics - I | SBAOH | 6 | 4 | 6 | 60 | 100 |
| III | Allied Subject Biostatistics Practical | SBAO4 | 3 | 2 | Exam in IV Semester | | |
| IV | Soft Skill - III | TSSEG | 2 | 3 | 3 | 50 | 100 |
| IV | Environmental Studies | ENV4A | 1 | 2 | Exam in IV Semester | | |

71

FOURTH SEMESTER

| Part | Course Title | Subject Code | Ins. Hrs | Credit | Exam Hrs | Max. Marks | |
|------|--|--------------|----------|--------|----------|----------------|-------|
| | | | | | | External Marks | Total |
| I | Language Tamil - IV / Other Languages - IV | CLA4K | 6 | 3 | 3 | 75 | 100 |
| II | English Paper -IV | - | 6 | 3 | 3 | 75 | 100 |
| III | Core Subject Paper V Biochemical Tech - II | SAB4A | 6 | 5 | 3 | 75 | 100 |
| III | Core Subject Paper VI Practical - II | SAB4I | 3 | 4 | 6 | 60 | 100 |
| III | Allied Subject Biostatistics - II | SBAOJ | 6 | 4 | 6 | 75 | 100 |
| III | Allied Subject Biostatistics Practical | SBAO4 | 3 | 2 | 3 | 60 | 100 |
| IV | Soft Skill - IV | TSSE1 | 2 | 3 | 3 | 50 | 100 |
| IV | Environmental Studies | ENV4A | 1 | 2 | 3 | 75 | 100 |

FIFTH SEMESTER

| Part | Course Title | Subject Code | Ins. Hrs | Credit | Exam Hrs | Max. Marks | |
|------|---|--------------|----------|---------------------|----------|----------------|-------|
| | | | | | | External Marks | Total |
| III | Core Subject Paper VII Enzymes | SAB5A | 6 | 5 | 3 | 75 | 100 |
| III | Core Subject Paper VIII Intermediary Metabolism | SAB5B | 6 | 5 | 3 | 75 | 100 |
| III | Core Subject Paper IX Molecular Biology | SAB5C | 6 | 5 | 3 | 75 | 100 |
| III | Core Subject Paper XII - Practical - III | SAB6A | 6 | Exam in IV Semester | | | |
| III | Elective - I Biotechnology | SEB5A | 6 | 5 | 6 | 75 | 100 |
| IV | Value Education | VAE5Q | 1 | 2 | 3 | 75 | 100 |

72

SIXTH SEMESTER

| Part | Course Title | Subject Code | Ins. Hrs | Credit | Exam Hrs | Max. Marks | |
|------|---|--------------|----------|--------|----------|----------------|-------|
| | | | | | | External Marks | Total |
| III | Core Subject Paper X Nutritional Biochemical and Human Rights | SAB6A | 6 | 5 | 3 | 75 | 100 |
| III | Core Subject Paper XI Clinical Biochemistry | SAB6B | 6 | 5 | 3 | 75 | 100 |
| III | Core Subject Paper XII Practical III | SAB6I | 6 | 4 | 3 | 75 | 100 |
| III | Core Subject Paper XIII Practical IV | SAB6J | 6 | 4 | 6 | 60 | 100 |
| III | Elective - II Immunology | SEB6A | 6 | 5 | 6 | 60 | 100 |
| IV | Elective - III Physiology | BEB6B | 6 | 5 | 3 | 75 | 100 |
| IV | Extension Activities | CES6Q | - | 1 | | 75 | 100 |

**BACHELOR DEGREE IN MICROBIOLOGY
(CHOICE BASED CREDIT SYSTEM)
(Effective from the academic year 2013-2014)**

FIRST SEMESTER

| Semester | Course Components | Name of the Subject | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|----------|------------------------|---|------------|--------|------------|------------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| I | Part - I | Language Paper - I (CLA1F) | 6 | 3 | 3 | 25 | 75 | 100 |
| I | Part - II | English Paper - I (CLZ1L) | 6 | 3 | 3 | 25 | 75 | 100 |
| I | Part - II Core Paper I | General Microbiology and Microbial Physiology (TAN1A) | 6 | 4 | 3 | 25 | 75 | 100 |
| I | Core Paper II | Major Practical I : (General Microbiology and Microbial Physiology) (TAN21) | 3 | 4 | 6 | 40 | 60 | 100 |
| I | Allied I | Paper I - Biochemistry I (TBN1A) | 6 | 4 | 3 | 25 | 75 | 100 |
| I | Practical | Paper II - Practical I (Biochemistry I) (TBN21) | 3 | 4 | 3 | 40 | 60 | 100 |
| I | Soft Skill - I | TSSEA | 2 | 2 | 3 | 50 | 50 | 100 |

SECOND SEMESTER

| Semester | Course Components | Name of the Subject | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|----------|---------------------------|--|------------|--------|------------|------------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| II | Part - I | Language Paper - II (CLA2H) | 6 | 3 | 3 | 25 | 75 | 100 |
| II | Part - II | English Paper - II (CLZ2L) | 6 | 3 | 3 | 25 | 75 | 100 |
| II | Part - III Core Paper III | Immunology & Microbial Genetics (TAN2A) | 6 | 4 | 3 | 25 | 75 | 100 |
| II | Core Paper IV | Major Practical II : (Immunology & Microbial Genetics) (TAN22) | 3 | 4 | 6 | 40 | 60 | 100 |
| II | Allied I | Paper III - Biochemistry II (TBN2A) | 6 | 4 | 3 | 25 | 75 | 100 |
| II | Practical | Paper IV - Practical II (Biochemistry II) (TBN22) | 3 | 4 | 3 | 40 | 60 | 100 |
| II | Soft Skill - I | TSSEB | 2 | 2 | 3 | 50 | 50 | 100 |

THIRD SEMESTER

| Semester | Course Components | Name of the Subject | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|----------|-------------------------|---|------------|--------|------------|------------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| II | Part - I | Language Paper - III (CLA3J) | 6 | 3 | 3 | 25 | 75 | 100 |
| II | Part - II | English Paper - III (CL23C) | 6 | 3 | 3 | 25 | 75 | 100 |
| II | Part - III Core Paper V | Molecular Biology (TAN3A) | 6 | 4 | 3 | 25 | 75 | 100 |
| II | Core Paper VI | Major Practical III : Molecular Biology (TAN41) | 3 | 4 | 6 | 40 | 60 | 100 |
| II | Allied II | Paper - I - Bioinstrumentation (TBN3A) | 6 | 4 | 3 | 25 | 75 | 100 |
| II | Practical | Paper II - Practical III (Bioinstrumentation) (TBN41) | 3 | 4 | 3 | 40 | 60 | 100 |
| II | Soft Skill - I | TSSEG | 2 | 2 | 2 | 50 | 50 | 100 |

FOURTH SEMESTER

| Semester | Course Components | Name of the Subject | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|----------|---------------------------|---|------------|--------|------------|------------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| II | Part - I | Language Paper - IV (CLA4K) | 6 | 3 | 3 | 25 | 75 | 100 |
| II | Part - II | English Paper - IV (CL24D) | 6 | 3 | 3 | 25 | 75 | 100 |
| IV | Part - III Core Paper VII | Soil & Agricultural Microbiology (TAN4A) | 6 | 4 | 3 | 25 | 75 | 100 |
| IV | Core Paper VIII | Major Practical IV : Soil Agricultural Microbiology (TAN42) | 3 | 4 | 6 | 40 | 60 | 100 |
| IV | Allied II | Paper - III - Biostatistics (TBN4A) | 6 | 4 | 3 | 25 | 75 | 100 |
| IV | Allied Practical | Paper - IV - Practical IV (Biostatistics) (TBN42) | 3 | 4 | 3 | 40 | 60 | 100 |
| IV | Soft Skill - I | TSSE1 | 2 | 2 | 2 | 50 | 50 | 100 |

FIFTH SEMESTER

| Semester | Course Components | Name of the Subject | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|----------|-------------------|---|------------|--------|------------|------------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| V | Core Paper IX | Medical Bacteriology | 6 | 4 | 3 | 25 | 75 | 100 |
| V | Core Paper X | Medical Mycology & Parasitology | 6 | 4 | 3 | 25 | 75 | 100 |
| V | Core Paper XI | Medical Virology | 6 | 4 | 3 | 25 | 75 | 100 |
| V | Core Paper XII | Major Practical V : Medical Bacteriology, Mycology, Parasitology & Virology | 6 | 4 | 6 | 40 | 60 | 100 |
| V | Elective - I | Genetic Engineering | 6 | 3 | 3 | 25 | 75 | 100 |

SIXTH SEMESTER

| Semester | Course Components | Name of the Subject | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|----------|-------------------|---|------------|--------|------------|------------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| VI | Core Part - XIII | Environmental Microbiology | 6 | 4 | 3 | 25 | 75 | 100 |
| VI | Core Part - XIV | Food & Dairy Microbiology | 6 | 4 | 3 | 25 | 75 | 100 |
| VI | Core Part - XV | Major Practical VI : Environmental, Food & Dairy Microbiology | 6 | 4 | 6 | 40 | 60 | 100 |
| VI | Elective II | Industrial and Pharmaceutical Microbiology | 6 | 3 | 3 | 25 | 75 | 100 |
| VI | Elective III | Biotechnology | 6 | 3 | 25 | 75 | 100 | 25 |

**BACHELOR DEGREE IN BIOTECHNOLOGY
(CHOICE BASED CREDIT SYSTEM)
(Effective from the academic year 2008-2009)**

FIRST YEAR

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs/Week | CIA | Marks | |
|------|------------------|---|-----------------------|--------|---------------|-----|-----------|-------|
| | | | | | | | Ext. Exam | Total |
| I | Language | Tamil - I | CLAIF | 3 | 4 | 25 | 75 | 100 |
| | Language | Hindi - I | CLEIE | 3 | 4 | 25 | 75 | 100 |
| | Language | French - I | CLKIE | 3 | 4 | 25 | 75 | 100 |
| II | Core | Cell biology - Paper - I | CLZIL | 3 | 4 | 25 | 75 | 100 |
| | | | SACIA | 4 | 5 | 25 | 75 | 100 |
| III | Allied | Microbiology - Paper - I | SAC21 | 4 | 5 | 40 | 60 | 100 |
| | | | SBANA | 5 | 6 | 25 | 75 | 100 |
| IV | Elective | 1. a) Those who have not studied Tamil upto XII std and taken a non - Tamil language under Part I shall take Tamil comprising of two courses (level will be at 6th Std.) b) Those who have studied Tamil upto XII std and taken a non - Tamil language under Part I shall take Advanced Tamil comprising of two courses c) Others who do not come under a+b can choose non-major elective comprising of two courses . | TLTIC Basic Tamil | 2 | 3 | 25 | 75 | 100 |
| | | | TLDIC /Advanced Tamil | 2 | 3 | 50 | 50 | 100 |
| | | Soft Skill | TSSEA | 2 | 3 | 50 | 50 | 100 |

* Practical Examination will be conducted at the end of Second Semester.

FIRST YEAR SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | CIA | Marks Ext. Exam | Total |
|------|------------------|--|-------------|--------|----------------|-----|-----------------|-------|
| I | Language | Tamil - II | CLA2H | 3 | 4 | 25 | 75 | 100 |
| | Language | Hindi - II | CLE2G | 3 | 4 | 25 | 75 | 100 |
| II | Language | French - II | CLK2G | 3 | 4 | 25 | 75 | 100 |
| | Core | English - Paper - II | CLZ2L | 3 | 4 | 25 | 75 | 100 |
| III | Core | Molecular Development Biology - Paper II | SAC1B | 4 | 5 | 25 | 75 | 100 |
| | Core | Practical 2* - Paper IV | SAC22 | 4 | 5 | 40 | 60 | 100 |
| III | Allied | Chemistry - Paper - II | SBADE | 5 | 6 | 25 | 75 | 100 |
| IV | Elective | 1. a) Those who have not studied Tamil upto XII std and taken a non - Tamil language under Part I shall take Tamil comprising of twocourses (level will be at 6th Std.) b) Those who have studied Tamil upto XII std and taken a non - Tamil language under Part I shall take Advanced Tamil comprising of two courses c) Others who do not come under a+b can choose non-major elective comprising of two courses . | | 2 | 3 | 25 | 75 | 100 |
| | | | Soft Skill | TSSEB | 2 | 3 | 50 | 50 |

* Practical Examination will be conducted at the end of Second Semester.

SECOND YEAR

THIRD SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|-----------------------|--|-------------|--------|----------------|---|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| I | Language | Tamil - II | CLA3J | 3 | 6 | 25 | 75 | 100 |
| | Language | Hindi - II | CLE3C | 3 | 6 | 25 | 75 | 100 |
| | Language | French - II | CLK3C | 3 | 6 | 25 | 75 | 100 |
| III | Core | English Paper - II | CLZ3C | 3 | 6 | 25 | 75 | 100 |
| | | Genetics - Paper V | SAC3A | 5 | 5 | 25 | 75 | 100 |
| | Practical | Genetics and Biochemistry (Practical) Paper - VI | SAC41 | 6 | 6 | 40 | 60 | 100 |
| IV | Allied - II | Biochemistry Paper - I | SBC3A | 4 | | 25 | 75 | 100 |
| | Soft Skill - III | Personality Enrichment | USSEG | 3 | | 50 | 50 | 100 |
| | Environmental Studies | | EN4A | | 2 | Examination will be held in IV semester | | |

SECOND YEAR

FOURTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|------------------|---|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| I | Language | Tamil - IV | CLA4K | 3 | 6 | 25 | 75 | 100 |
| | Language | Hindi - IV | CLE4D | 3 | 6 | 25 | 75 | 100 |
| | Language | French - IV | CLK4D | 3 | 6 | 25 | 75 | 100 |
| III | Core | English Paper - IV | CLZ4D | 3 | 6 | 25 | 75 | 100 |
| | | Plant Biotechnology Paper - VII | SAC4A | 4 | 5 | 25 | 75 | 100 |
| | | Plant Biotechnology (Practical) Paper - VII | SAC42 | 4 | 3 | 40 | 60 | 100 |
| IV | Allied - II | | SBACB | 5 | 6 | 25 | 75 | 100 |
| | Soft Skill - III | Computer Skills | TSSE1 | 3 | | 40 | 60 | 100 |

THIRD YEAR FIFTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|---|------------------|--|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| III | Core | Animal and Medical Biotechnology - Paper - IX | SAC5A | 4 | 6 | 25 | 75 100 |
| | | Bioinformatics - Paper - X | SAC5B | 4 | 6 | 25 | 75 100 |
| | | Immunology - Paper - XI | SAC5C | 4 | 5 | 25 | 75 100 |
| | Practical | Animal, Medical Biotechnology and Immunology Paper - XII | SAC61 | 4 | 6 | 40 | 60 100 |
| Project (at VI Semester) of Three Electives | Practical | Pharmaceutical Biotechnology | SEC5A | 5 | 5 | 25 | 75 100 |
| IV | Value Education | | VED5Q | 2 | 2 | 25 | 75 100 |

THIRD YEAR SIXTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|----------------------|---|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| III | Core | Genetic Engineering Paper - XIII | SAC6A | 4 | 6 | 25 | 75 100 |
| | | Bioprocess Technology Paper - XIV | SAC6B | 4 | 6 | 25 | 75 100 |
| | Practical | Genetic Engineering and Bioprocess (Practical) - Paper - XV | SAC62 | 5 | 6 | 40 | 60 100 |
| | Project or Electives | Project / Elective - II Microbial Biotechnology | SEC6A | 5 | 5 | 25 | 75 100 |
| | Project or Electives | Project / Elective - III Environmental Biotechnology | SEC6B | 5 | 5 | 25 | 75 100 |
| V | Extension Activities | | CES6Q | 1 | 2 | | |

**BACHELOR DEGREE IN HOTEL & CATERING MANAGEMENT
(CHOICE BASED CREDIT SYSTEM)
(Effective from the academic year 2008-2009)**

FIRST YEAR FIRST SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|--------------------|--|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| | Paper - I | Language - I - French - I | SAHIA | 2 | 2 | 25 | 75 100 |
| | Paper - II | Language - I - English - I | SAHIB | 2 | 2 | 25 | 75 100 |
| | Core - Paper - III | Food Production - I | SAHIC | 3 | 3 | 25 | 75 100 |
| | Core - Paper - IV | Food & Beverage Service - I | SAHID | 3 | 3 | 25 | 75 100 |
| | Core - Paper - V | Front Office Operation - I | SAHIE | 3 | 3 | 25 | 75 100 |
| | Paper - VI | Nutrition & Food Science - I | SBHIA | 2 | 2 | 15 | 35 50 |
| | Soft Skill - I | Essentials of Language & Communication | TSSEA | 2 | 2 | 50 | 50 100 |

FIRST YEAR SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|-------------------|--|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| | Paper - VII | Language - II - French - II | SAH2G | 2 | 2 | 25 | 75 100 |
| | Paper - VIII | Language - II - English - II | SAH2H | 2 | 2 | 25 | 75 100 |
| | Core - Paper - IX | Food Production - II | SAH2J | 3 | 3 | 25 | 75 100 |
| | Core - Paper - X | Food & Beverage Service - I | SAH2K | 3 | 3 | 25 | 75 100 |
| | Core - Paper - XI | Accommodation Operation | SBH2B | 3 | 3 | 25 | 75 100 |
| | Paper - XII | Nutrition & Food Science - II | SBH2C | 2 | 2 | 15 | 35 50 |
| | Soft Skill - II | Essentials of Spoken & Presentation Skills | TSSFEB | 2 | 2 | 50 | 50 100 |

FIRST YEAR FIRST AND SECOND SEMESTER PRACTICALS

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|--------------------------|---------------------------------|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| | Paper - XIII - Practical | Food Production Lab - I | SAH21 | 2 | 2 | 20 | 30 50 |
| | Paper - XIV - Practical | Food & Beverage Service Lab - I | SAH22 | 2 | 2 | 20 | 30 50 |
| | Paper - XV - Practical | Front Office Lab - I | SAH23 | 2 | 3 | 20 | 30 50 |
| | Paper - XVI - Practical | Accommodation Operation Lab - I | SAH24 | 2 | 3 | 20 | 30 50 |

SECOND YEAR THIRD SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|-----------------------|---------------------------------|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| | Core - Paper - XVII | Food Production - III | SAH3A | 3 | 2 | 25 | 50 |
| | Core - Paper - XVIII | Food & Beverage Service - III | SAH3B | 3 | 2 | 25 | 50 |
| | Allied - Paper - XIX | Hotel Engineering & Maintenance | SBH3A | 3 | 3 | 15 | 50 |
| | Allied - Paper - XX | Principles of Management | SBH3B | 3 | 3 | 15 | 50 |
| | Allied - Paper - XXI | Hotel Accounting System | SBH3C | 3 | 3 | 15 | 50 |
| | Allied - Paper - XXII | Food & Beverage Management | SBH3D | 3 | 2 | 15 | 50 |
| | Soft Skill - III | Personality Enrichment | TSSEFG | 2 | 2 | 50 | 100 |

SECOND YEAR THIRD AND FOURTH SEMESTER PRACTICALS

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|---------------------------|---------------------------------|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| | Paper - XXIX - Practical | Food Production Lab - II | SAH4I | 3 | 2 | 20 | 30 |
| | Paper - XXX - Practical | Food & Beverage Service Lab - I | SAH42 | 3 | 2 | 20 | 30 |
| | Paper - XXXI - Practical | Front Office Lab - I | SAH43 | 3 | 3 | 20 | 30 |
| | Paper - XXXII - Practical | Accommodation Operation Lab - I | SAH44 | 3 | 3 | 20 | 30 |
| | Paper - XXXIII | Hotel Engineering Lab | SAH45 | 3 | 3 | 20 | 30 |
| | Soft Skill - IV | Computing Skills | TSSE1 | 2 | 2 | 50 | 50 |
| | Environmental Studies | | ENV4A | 2 | 2 | 25 | 75 |

Industrial Exposure Training 4 Months (8 Credits)

THIRD YEAR

FIFTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|-----------------------|-------------------------------|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| | Core Paper - XXIII | Food Production - III | SAH5A | 3 | 2 | 25 | 75 |
| | Core Paper - XXIV | Food & Beverage Service - III | SAH5B | 3 | 2 | 25 | 75 |
| | Core Paper - XXV | Front Office Operation - II | SAH5C | 3 | 3 | 25 | 75 |
| | Allied Paper - XXVI | Marketing & Sales Management | SAH5D | 3 | 3 | 15 | 35 |
| | Allied Paper - XXVII | Hotel Law | SAH5E | 3 | 3 | 15 | 35 |
| | Allied Paper - XXVIII | Hotel Financial Management | SAH5G | 3 | 2 | 15 | 35 |
| IV | Value Education | | VAESQ | 1 | 1 | | |

THIRD YEAR

SIXTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|------------------------|---|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| | Core Paper - XXXIV | Food Production - III | SAH6A | 3 | 2 | 25 | 75 |
| | Core Paper - XXXV | Facility Planning | SAH6B | 3 | 2 | 15 | 35 |
| | Core Paper - XXXVI | Accommodation Operation - II | SAH6C | 3 | 3 | 25 | 75 |
| | Allied Paper - XXXVII | Human Rights & Human Relation Education | SAH6D | 3 | 3 | 15 | 35 |
| | Allied Paper - XXXVIII | Application of Computer | SAH6E | 3 | 3 | 15 | 35 |
| V | Allied Paper - XXXIX | Project & Viva - Voice | SAH6Q | 3 | 2 | 15 | 35 |
| | Extension Activities | | GES6Q | 1 | 1 | | |

THIRD YEAR FIFTH AND SIXTH SEMESTER PRACTICALS

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|--------------------------|-----------------------------------|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| | Paper - XI - Practical | Food Production Lab - III | SAH61 | 3 | 2 | 20 | 30 |
| | Paper - XII - Practical | Food & Beverage Service Lab - III | SAH62 | 3 | 2 | 20 | 30 |
| | Paper - XIII - Practical | Front Office Lab - III | SAH63 | 3 | 3 | 20 | 30 |
| | Paper - XIII - Practical | Accommodation Operation Lab - III | SAH64 | 3 | 3 | 20 | 30 |
| | Paper - XIV | Application of Computer | SAH65 | 3 | 3 | 20 | 30 |

**BACHELOR DEGREE IN ELECTRONICS AND COMMUNICATIONS SCIENCE
(CHOICE BASED CREDIT SYSTEM)
(Effective from the academic year 2013-2014)**

FIRST SEMESTER

| Part | Study Components | Name of the Subject | Sub. Code | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------|------------------|--------------------------------------|----------------|------------|--------|------------|------------|-----------|-------|
| | | | | | | | Ext. Mark | Int. Exam | Total |
| I | Language | Language - I | | 4 | 3 | 3 | 75 | 25 | 100 |
| II | Foundation | English - I | CLZ1K | 4 | 3 | 3 | 75 | 25 | 100 |
| III | Core | Basic Circuit Theory | TAG1A | 6 | 4 | 3 | 75 | 25 | 100 |
| III | Core | Main Practical - I | TAG11 | 6 | 4 | 3 | 60 | 40 | 100 |
| III | Allied | Mathematics - I | TBG1A | 6 | 5 | 3 | 75 | 25 | 100 |
| IV | | Basic Tamil - I Advance Tamil - I | NLTIC TLTIC | 2 | 2 | 3 | 75 | 25 | 100 |
| IV | | Non Major Elective - I | SNGIA | | | | | | |
| | | Soft Skills | TSSEA | 2 | 3 | 3 | 50 | 50 | 100 |

Total Instructional Hours - 30

Total Credits - 24

SECOND SEMESTER

| Part | Study Components | Name of the Subject | Sub. Code | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------|------------------|--|----------------|------------|--------|------------|------------|-----------|-------|
| | | | | | | | Ext. Mark | Int. Exam | Total |
| I | Language | Language - II | | 4 | 3 | 3 | 75 | 25 | 100 |
| II | Foundation | English - II | CLZ2K | 4 | 3 | 3 | 75 | 25 | 100 |
| III | Core | Basic Circuit Theory | TAG2A | 6 | 4 | 3 | 75 | 25 | 100 |
| III | Core | Main Practical - 2 | TAG21 | 6 | 4 | 3 | 60 | 40 | 100 |
| III | Allied | Mathematics - II | TBG2A | 6 | 5 | 3 | 75 | 25 | 100 |
| IV | | Basic Tamil - II Advance Tamil - II | NLT2D TLT2D | 2 | 2 | 3 | 75 | 25 | 100 |
| IV | | Non Major Elective - II | SNG2E | | | | | | |
| IV | | Soft Skills - II | TSSEB | 2 | 3 | 3 | 50 | 50 | 100 |

Total Instructional Hours - 30

Total Credits - 24

THIRD SEMESTER

| Part | Study Components | Name of the Subject | Sub. Code | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------|-------------------|---|-----------|------------|--|------------|------------|-----------|----------|
| | | | | | | | Ext. Mark | Int. Exam | Total |
| III | Language Course | Electricity, Magnetism and Electromagnetism | TAG3A | 4 | 3 | 3 | 75 | 25 | 100 |
| III | Foundation Course | Numerical Methods | TAG3B | 4 | 3 | 3 | 50 30 | 10 10 | 60 60 |
| III | Core | Amplifiers and Oscillators | TAG3C | 5 | 4 | 3 | 75 | 25 | 100 |
| III | Core | Main Practical - 3 | TBG31 | 6 | 4 | 3 | 60 | 40 | 100 |
| III | Allied | Basic Physics 1 | TBG3A | 5 | 3 | 3 | 75 | 25 | 100 |
| III | Allied | Basic Physics Practical | | 3 | Examinations will be held in IV Semester | | | | |
| IV | | Soft Skills - III | TSSEG | 2 | 3 | 3 | 50 | 50 | 100 |
| IV | | Environmental Studies | | 1 | Examinations will be held in IV Semester | | | | |

Total Instructional Hours - 30

Total Credits - 20

FOURTH SEMESTER

| Part | Study Components | Name of the Subject | Sub. Code | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------|-------------------|------------------------------------|-----------|------------|--------|------------|------------|-----------|-------|
| | | | | | | | Ext. Mark | Int. Exam | Total |
| III | Foundation Course | Principles of Communication | TAG4A | 4 | 3 | 3 | 75 | 25 | 100 |
| III | Foundation Course | Programming in 'C' o& OOPS Concept | TAG4B | 4 | 3 | 3 | 75 | 25 | 60 |
| III | Core | Digital Electronics | TAG4C | 5 | 4 | 3 | 75 | 25 | 100 |
| III | Core | Main Practical - 4 | TAG41 | 6 | 4 | 3 | 60 | 40 | 100 |
| III | Allied | Basic Physics II | TBG4A | 5 | 3 | 3 | 75 | 25 | 100 |
| III | Allied | Basic Physics Practical | TBG41 | 3 | 4 | 3 | 60 | 40 | 100 |
| III | | Soft Skills - IV | TSSE1 | 2 | 3 | 3 | 50 | 50 | 100 |
| IV | | Environmental Studies | ENV4A | 1 | 2 | 3 | 75 | 25 | 100 |

Total Instructional Hours - 30

Total Credits - 26

FIFTH SEMESTER

| Part | Study Components | Name of the Subject | Sub. Code | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------|------------------|--|-----------|------------|--------|------------|------------|-----------|-------|
| | | | | | | | Ext. Mark | Int. Exam | Total |
| III | Core | Microprocessor (Intel 8085) | | 6 | 4 | 3 | 75 | 25 | 100 |
| III | Core | Antennas & Television Engineering | | 6 | 4 | 3 | 75 | 25 | 60 |
| III | Core | Electrical & Electronics Instrumentation | | 6 | 4 | 3 | 75 | 25 | 100 |
| III | Elective | Elective - I | | 5 | 4 | 3 | 75 | 25 | 100 |
| III | Core | Main Practical - 5 | | 6 | 4 | 3 | 60 | 40 | 100 |
| IV | | Value Education | | 1 | 2 | 3 | 75 | 25 | 100 |

Total Instructional Hours - 30

Total Credits - 22

SIXTH SEMESTER

| Part | Study Components | Name of the Subject | Sub. Code | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------|------------------|----------------------|-----------|------------|--------|------------|------------|-----------|-------|
| | | | | | | | Ext. Mark | Int. Exam | Total |
| III | Core | Microcontroller | | 6 | 4 | 3 | 75 | 25 | 100 |
| III | Core | Advanced Electronics | | 6 | 4 | 3 | 75 | 25 | 60 |
| III | Core | Computer Networks | | 6 | 4 | 3 | 75 | 25 | 100 |
| III | Elective | Elective - II | | 5 | 4 | 3 | 75 | 25 | 100 |
| III | Core | Project | | 7 | 7 | 3 | 60 | 40 | 100 |
| IV | | Extension Activities | | | 1 | | | | |

Total Instructional Hours - 30

Total Credits - 24

Electives

1. Theory of Robotics and Automation
2. Industrial Electronics
3. Microwave And Fiber Optic Communication Systems
4. Mobile Communication
5. Medical Electronics
6. Consumer Electronics

BACHELOR DEGREE IN VISUAL COMMUNICATION (CHOICE BASED CREDIT SYSTEM)

(Effective from the academic year 2008-2009)

FIRST YEAR

FIRST SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|------------------|--------------------------------------|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| I | Language - I | Language - I | CLAIA | 4 | 6 | 25 | 75 | 100 |
| II | English | English - I | CLAZL | 2 | 3 | 25 | 75 | 100 |
| I | Core | Introduction to Visual Communication | SAXIA | 4 | 3 | 25 | 75 | 100 |
| | Practical - I | Graphic Design - I | SBXI2 | 5 | 3 | 40 | 60 | 100 |
| | Practical - II | Drawing - I | SAXI1 | 5 | 3 | 40 | 60 | 100 |
| | Soft Skills | | TSSEA | | | 50 | 50 | 100 |
| | NME | Basic Tamil / Ad. Tamil | | | | | | |

FIRST YEAR

SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|------------------|-------------------------|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| III | Language | Language - II | CLA2G | 4 | 6 | 25 | 75 | 100 |
| IV | English | English - II | CLZ2L | 2 | 3 | 25 | 75 | 100 |
| II | Core | Communication Skills | SAX2B | 4 | 3 | 25 | 75 | 100 |
| III | Practical - III | Graphic Design - II | SBX22 | 5 | 3 | 40 | 60 | 100 |
| IV | Practical - IV | Drawing - II | SAX2I | 5 | 3 | 40 | 60 | 100 |
| | Soft Skills | | TSSEB | | | 50 | 50 | 100 |
| | NME | Basic Tamil / Ad. Tamil | | | | | | |

SECOND YEAR

THIRD SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | CIA | Ext. Exam | Total |
|------|---------------------|-------------------------------|-------------|--------|----------------|---|-----------|-------|
| I | Language | Language - III | GLA3C | 3 | 6 | 75 | 25 | 100 |
| II | English | English - III | CLZ3C | 3 | 6 | 75 | 25 | 100 |
| III | Core | Advertising - V | SAX3A | 4 | 4 | 75 | 25 | 100 |
| | Core | Printing & Publication - VI | SAX3B | 4 | 4 | 75 | 25 | 100 |
| | Allied Subject - II | Practical - Computer Graphics | SAX3I | 4 | 6 | *R.80 | V.20 | 100 |
| IV | Soft Skill - III | | TSSFG | 3 | | 60 | 40 | 100 |
| | | Environmental Studies | ENV4A | | | Examination will be held in IV Semester | | |

R- Record; V- viva

SECOND YEAR

FOURTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | CIA | Ext. Exam | Total |
|------|---------------------|-----------------------------------|-------------|--------|----------------|-------|-----------|-------|
| I | Language | Language - IV | GLA4D | 3 | 6 | 75 | 25 | 100 |
| II | English | English - IV | CLZ4D | 3 | 6 | 75 | 25 | 100 |
| III | Core | Elements of Film - VII | SAX4B | 4 | 4 | 75 | 25 | 100 |
| | Core | Basic Photography | SAX4A | 4 | 4 | 75 | 25 | 100 |
| | Allied Subject - II | Practical - Practical Photography | SAX4I | 4 | 6 | *R.80 | V.20 | 100 |
| IV | Soft Skill - IV | | USSED | 3 | | 60 | 40 | 100 |
| | | Environmental Studies | ENV4A | | | 75 | 25 | 100 |

R- Record; V- viva

THIRD YEAR

FIFTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | CIA | Ext. Exam | Total |
|------|----------------------|-------------------------------------|-------------|--------|----------------|-------|-----------|-------|
| III | Core | Media, Culture & Society - IX | SAX5A | 5 | 6 | 75 | 25 | 100 |
| | Core | Television Production - X | SAX5B | 5 | 5 | 75 | 25 | 100 |
| | Project | Practical - Web Publishing | SAX5I | 5 | 6 | *R.80 | V.20 | 100 |
| | Project | Practical - Advertising Photography | SAX5Z | 5 | 6 | *R.80 | V.20 | 100 |
| IV | Extension Activities | Project Phase - I | | 5 | 5 | | | |
| | Extension Activities | Value Based Education | VED5Q | 2 | 2 | | | |

R- Record; V- viva

THIRD YEAR

SIXTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | CIA | Ext. Exam | Total |
|------|----------------------|---------------------------------|-------------|--------|----------------|------|-----------|-------|
| III | Core | Media Organization - XIII | SAX6A | 4 | 5 | 75 | 25 | 100 |
| | Core | Practical - TV Production - XIV | SAX6I | 4 | 6 | R.80 | V.20 | 100 |
| | Project | Practical - 3D Animation - XV | SAX6Z | 4 | 6 | R.80 | V.20 | 100 |
| | Project | Project Phase - 2 | | 5 | 5 | | | 100 |
| V | Extension Activities | Project Phase - 3 | | 2 | 5 | | | 100 |

R- Record; V- viva

B.Sc., DEGREE COURSE IN MATHEMATICS
(CHOICE BASED CREDIT SYSTEM)
 (Effective from the academic year 2009-2010)

FIRST SEMESTER

| Part | Study Components | Name of the Subject | Sub. Code | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------|------------------|--|-----------|------------|--------|------------|------------|-----------|-------|
| | | | | | | | Ext. Mark | Int. Exam | Total |
| I | Language | Language - I | CLA1F | | | | 75 | 25 | 100 |
| II | | English - I | CLZ1L | | | | 75 | 25 | 100 |
| III | Core - Paper I | Algebra and Trigonometry - I | SAM1A | 4 | 4 | 3 | 75 | 25 | 100 |
| III | Core - Paper II | Calculus and Co-ordinate Geometry of 2 Dimension | SAM1B | 5 | 4 | 3 | 75 | 25 | 100 |
| III | Allied - Paper I | Financial Account - I | SBAML | 9 | 5 | 3 | 75 | 25 | 100 |
| IV | | 1. a) Not studied Tamil upto XII std. shall take Tamil comprising of two courses (level will be at 6th Std.) b) Studied Tamil upto XII std and taken a Non - Tamil language under Part I shall take Advanced Tamil comprising of two courses c) Others who do not come under a+b can choose non-major elective comprising of two courses . | | | | | 75 | 25 | 100 |
| | Soft Skills | | PSSEA | 2 | | | 50 | 50 | 100 |

SECOND SEMESTER

| Part | Study Components | Name of the Subject | Sub. Code | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------|-------------------|--|-----------|------------|--------|------------|------------|-----------|-------|
| | | | | | | | Ext. Mark | Int. Exam | Total |
| I | Language | Language - I | CLA2F | | | | 75 | 25 | 100 |
| II | | English - I | CLZ2L | | | | 75 | 25 | 100 |
| III | Core | Algebra and Trigonometry - II | SAM2A | 4 | 4 | 3 | 75 | 25 | 100 |
| IV | Core | Calculus and Differential Geometry | SAM2B | 5 | 4 | 3 | 75 | 25 | 100 |
| | Allied - Paper II | Financial Account - II | SAM2C | 9 | 5 | 3 | 75 | 25 | 100 |
| IV | | 1. a) Not studied Tamil upto XII std. shall take Tamil comprising of two courses (level will be at 6th Std.) b) Studied Tamil upto XII std and taken a Non - Tamil language under Part I shall take Advanced Tamil comprising of two courses c) Others who do not come under a+b can choose non-major elective comprising of two courses . | | | | | 75 | 25 | 100 |
| | Soft Skills | | PSSEB | 2 | | | 50 | 50 | 100 |

MASTER DEGREE IN BUSINESS ADMINISTRATION (M.B.A.)
(CHOICE BASED CREDIT SYSTEM)
(Effective from the academic year 2013-2014)

FIRST YEAR

FIRST SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | CIA | Marks | |
|------|------------------|---|-------------|--------|----------------|-----|-----------|-------|
| | | | | | | | Ext. Exam | Total |
| I | Core | Management Principles and Business Ethics | MBA 1001 | 4 | 4 | 25 | 75 | 100 |
| II | Core | Quantitative and Research Methods in Business | MBA 1002 | 4 | 4 | 25 | 75 | 100 |
| III | Core | Organisational Behaviour | MBA 1003 | 4 | 4 | 25 | 75 | 100 |
| IV | Core | Accounting for Managers | MBA 1004 | 4 | 4 | 25 | 75 | 100 |
| V | Core | Managerial Economics | MBA 1005 | 4 | 4 | 25 | 75 | 100 |
| VI | Elective | Innovation and Entrepreneurship | MBA 1015 | 3 | 3 | 25 | 75 | 100 |
| VII | Soft Skills | Soft Skills - 1* | PSSEA | 2 | 2 | 40 | 60 | 100 |

91

FIRST YEAR

SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | CIA | Marks | |
|------|------------------|-----------------------------|-------------|--------|----------------|-----|-----------|-------|
| | | | | | | | Ext. Exam | Total |
| VIII | Core | Legal Systems in Business | MBA 1006 | 4 | 4 | 25 | 75 | 100 |
| IX | Core | Applied Operations Research | MBA 1007 | 4 | 4 | 25 | 75 | 100 |
| X | Core | Human Resource Management | MBA 1008 | 4 | 4 | 25 | 75 | 100 |
| XI | Core | Marketing Management | MBA 1009 | 4 | 4 | 25 | 75 | 100 |
| XII | Core | Operations Management | MBA 1010 | 4 | 4 | 25 | 75 | 100 |
| XIII | Core | Financial Management | MBA 1011 | 4 | 4 | 25 | 75 | 100 |
| XIV | Elective | International Business | MBA 1016 | 3 | 3 | 25 | 75 | 100 |
| XV | Soft Skills | Soft Skills - 2* | PSSEB | 2 | 2 | 40 | 60 | 100 |

SECOND YEAR

THIRD SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | CIA | Marks | |
|-------|------------------|---|-------------|--------|----------------|-----|-----------|-------|
| | | | | | | | Ext. Exam | Total |
| XVI | Core | Strategic Management | MBA 1012 | 4 | 4 | 25 | 75 | 100 |
| XVII | Core | Management Information Systems | MBA 1013 | 4 | 4 | 25 | 75 | 100 |
| XVIII | Elective | Elective 1*** (Refer to Elective Subjects MBA 1017 to MBA 1042) | | 3 | 3 | 25 | 75 | 100 |
| XIX | Elective | Elective 2*** (Refer to Elective Subjects MBA 1017 to MBA 1042) | | 3 | 3 | 25 | 75 | 100 |
| XX | Elective | Elective 3*** (Refer to Elective Subjects MBA 1017 to MBA 1042) | | 3 | 3 | 25 | 75 | 100 |
| XXI | Elective | Elective 4*** (Refer to Elective Subjects MBA 1017 to MBA 1042) | | 3 | 3 | 25 | 75 | 100 |
| XXII | Soft Skills | Soft Skills - 3* | | 2 | 2 | 25 | 75 | 100 |
| XXIII | Internship | INTERNSHIP * | | 2 | 2 | 25 | 75 | 100 |

** Internship will be carried out during the Summer Vacation of the first year and marks should be sent to the University by the College and the same will be included in the Third Semester Marks Statement.

SECOND YEAR

FOURTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | CIA | Marks | |
|-------|------------------|---|-------------|--------|----------------|-----|-----------|-------|
| | | | | | | | Ext. Exam | Total |
| XXIV | Elective | Elective 5*** (Refer to Elective Subjects MBA 1017 to MBA 1042) | | 3 | 3 | 25 | 75 | 100 |
| XXV | Elective | Elective 6*** (Refer to Elective Subjects MBA 1017 to MBA 1042) | | 3 | 3 | 25 | 75 | 100 |
| XXVI | Core | Project Work & Viva-Voce | MBA 1014 | 8 | - | - | - | 200 |
| XXVII | Soft Skills | Soft Skills - 4* | | 2 | 2 | 25 | 75 | 100 |

* Refer to Soft Skills (PG) Syllabus for soft skills and internship.

** Students should choose Six Subjects from the following list in consultation with the Head of the Institution. The Project Work will be evaluated jointly by TWO Examiners (i.e. one for Internal and the other for External) for a Maximum of 150 Marks (6 Credits)
The Viva-voce will be conducted with Two Examiners (i.e. one for Internal and the other for External) for a Maximum of 50 Marks (2 Credits).

92

ELECTIVE SUBJECTS

| S.No. | Sub. Code | Subject |
|-------|-----------|--|
| 1. | MBA 1017 | Marketing Research and Consumer Behaviour |
| 2. | MBA 1018 | Corporate Finance |
| 3. | MBA 1019 | Advertising Management and Sales Promotion |
| 4. | MBA 1020 | Sales and Distribution Management |
| 5. | MBA 1021 | Security Analysis and Portfolio Management |
| 6. | MBA 1022 | Tax Management |
| 7. | MBA 1023 | Brand Management |
| 8. | MBA 1024 | Industrial Marketing |
| 9. | MBA 1025 | Database Management Systems |
| 10. | MBA 1026 | Services Marketing |
| 11. | MBA 1027 | System Analysis and Design |
| 12. | MBA 1028 | Decision Support System |
| 13. | MBA 1029 | E-Business |
| 14. | MBA 1030 | Merchant Banking and Financial Services |
| 15. | MBA 1031 | Human Resources Development |
| 16. | MBA 1032 | Customer Relationship Management |
| 17. | MBA 1033 | Performance Management |
| 18. | MBA 1034 | Organisational Development |
| 19. | MBA 1035 | Retail Marketing |
| 20. | MBA 1036 | Rural Marketing |
| 21. | MBA 1037 | Derivatives Management |
| 22. | MBA 1038 | Banking and Insurance |
| 23. | MBA 1039 | Industrial and Labour Relations |
| 24. | MBA 1040 | International Marketing |
| 25. | MBA 1041 | Supply Chain Management |
| 26. | MBA 1042 | Quality Management |

MASTER DEGREE IN COMPUTER APPLICATIONS (M.C.A.) (CHOICE BASED CREDIT SYSTEM) (Effective from the academic year 2008-2009)

FIRST YEAR

FIRST SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|---------------------|----------------------------------|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| I | Non-Major Elective | Mathematics for Computer Science | PNS1A | 4 | 5 | 25 | 75 |
| II | Core | Programming in C and Unix | PSC1A | 4 | 5 | 25 | 75 |
| III | Core | Digital Computer Fundamentals | PSC1B | 4 | 5 | 25 | 75 |
| IV | Core | System Software | PSC1C | 4 | 5 | 25 | 75 |
| V | Core Practical - I | Programming in 'C' | PSC11 | 2 | 5 | 40 | 60 |
| VI | Core Practical - II | Unix and Shell Programming | PSC12 | 2 | 5 | 40 | 60 |
| | Soft Skill | | PSSEA | 2 | | 40 | 60 |

FIRST YEAR

SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|---------------------|--------------------------------------|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| VII | Core | Microprocessors and its Applications | PSC2D | 4 | 5 | 25 | 75 |
| VIII | Non-Major Elective | Statistical Methods | PNS2B | 4 | 5 | 25 | 75 |
| IX | Core | Object Oriented Programming with C++ | PSC2E | 4 | 5 | 25 | 75 |
| X | Core | Data Structures | PSC2G | 4 | 5 | 25 | 75 |
| XI | Core Practical - I | Data Structures using C++ Lab | PSC23 | 2 | 5 | 40 | 60 |
| XII | Core Practical - II | Microprocessor Lab | PSC24 | 2 | 5 | 40 | 60 |
| XIV | Soft Skill | | PSSEB | 2 | | 40 | 60 |

SECOND YEAR

THIRD SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|-------|--------------------|---------------------------------------|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| XV | Core | Software Engineering | PSC3H | 4 | 5 | 25 | 75 | 100 |
| XVI | Core | Computer Graphics | PSC3J | 3 | 5 | 25 | 75 | 100 |
| XVII | Core | Java Programming | PSC3K | 3 | 5 | 25 | 75 | 100 |
| XVIII | Core | Operating Systems | PSC3L | 3 | 5 | 25 | 75 | 100 |
| XIX | Extra Disciplinary | Accounting & Financial Management | PEC3A | 3 | 5 | 25 | 75 | 100 |
| XX | Core | Practical - V; Programming in Java | PSC35 | 2 | 5 | 40 | 60 | 100 |
| XXI | Core | Practical - VI; Operating Systems Lab | PSC36 | 2 | 5 | 40 | 60 | 100 |
| XXII | Soft Skill - 3 | | PSSEC | 2 | 5 | 40 | 60 | 100 |

SECOND YEAR

FOURTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|--------|------------------|--|-------------------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| XXIII | Core | Computer Networks | PSC4M | 4 | 5 | 25 | 75 | 100 |
| XXIV | Core | Database Management Systems | PSC4N | 3 | 5 | 25 | 75 | 100 |
| XXV | Core | Design and Analysis of Algorithms | PSC4P | 3 | 5 | 25 | 75 | 100 |
| XXVI | Core | Software Project Management | PSC4R | 3 | 5 | 25 | 75 | 100 |
| XXVII | Elective - I | Multimedia Systems (or) Windows Programming (or) Advanced Java Programming | PSCEA PSCEB PSCEC | 3 | 5 | 25 | 75 | 100 |
| XXVIII | Practical - VII | RDBMS Lab | PSC47 | 2 | 5 | 25 | 75 | 100 |
| XXIX | Elective | Practical - VIII: Based on Elective - I | | 2 | 5 | 40 | 60 | 100 |
| XXX | Soft Skill - 4 | | PSSEK | 2 | | 40 | 60 | 100 |
| XXXI | Soft Skill - 5 | | PSSEP | 2 | | 40 | 60 | 100 |
| | Internship | During Summer Vacation 6to8 Weels | | 2 | | 40 | 60 | 100 |

THIRD YEAR

FIFTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|-------|------------------|---|----------------------------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| XXXII | Core | Software Testing | PSC5S | 4 | 5 | 25 | 75 | 100 |
| | Elective - II | Managerial Economics (or) E-Commerce (or) Data Warehousing and Data Mining | PSCED PSCEE PSCEG | 4 | 5 | 25 | 75 | 100 |
| | Elective - III | Artificial Neural Networks (or) Computer Simulation and Modeling (or) Artificial Intelligence (or) Information Security | PSCEH PSCEJ PSCEK PSCEL | 4 | 5 | 25 | 75 | 100 |
| | Elective - IV | Operation Research (or) Mobile Computing (or) Object Oriented Analysis & Design (or) Digital Image Processing | PSCEM PSCEN PSCER | 4 | 5 | 25 | 75 | 100 |
| | Core | Practical - IX Web Application Lab | PSC58 | 2 | 5 | 40 | 60 | 100 |
| | Core | Practical - X Mini Project | PSC59 | 2 | 5 | 40 | 60 | 100 |
| XXXIX | Soft Skill - 6 | | PSSEN | 2 | 5 | 40 | 60 | 100 |
| | Internship | During II year summer vacation 6 to 8 weeks | PSSEQ | 3 | | | | |

THIRD YEAR

SIXTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|------------------|---------------------|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| XL | Project | Project & Viva-voce | PSC6Q | 20 | | 20 | 60 + 20 | 100 |

List of Electives

Elective I : Multimedia Systems OR Windows Programming OR Advanced Java Programming
 Elective II : Managerial Economics OR E-Commerce OR Data Ware housing and Data Mining
 Elective III: Artificial Neural Networks OR Computer Simulation and Modeling OR Artificial Intelligence OR
 Information Security
 Elective IV : Operations Research OR Mobile Computing OR Object Oriented Analysis & Design OR Digital Image Processing.

**MASTER DEGREE IN COMPUTER SCIENCE
(CHOICE BASED CREDIT SYSTEM)
(Effective from the academic year 2008-2009)**

FIRST YEAR

FIRST SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs/Week | CIA | Marks | |
|------|---------------------|--|-------------|--------|---------------|-----|-----------|-------|
| | | | | | | | Ext. Exam | Total |
| I | Non-Major Elective | Theoretical Foundation of Computer Science | PNA1A | 4 | 5 | 25 | 75 | 100 |
| II | Core | Design and Analysis of Algorithms | PSA1A | 4 | 5 | 25 | 75 | 100 |
| III | Core | Advanced Java Programming | PSA1B | 2 | 5 | 40 | 60 | 100 |
| IV | Core | System Software | PSA1C | 4 | 5 | 25 | 75 | 100 |
| V | Core Practical - I | Advanced Java Programming | PSA11 | 2 | 5 | 40 | 60 | 100 |
| VI | Core Practical - II | Operating System Lab | PSA12 | 2 | 5 | 40 | 60 | 100 |
| VII | | Soft Skills - I | PSSEA | 2 | 3 | 40 | 60 | 100 |

FIRST YEAR

SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs/Week | CIA | Marks | |
|------|---------------------|---|-------------------------|--------|---------------|-----|-----------|-------|
| | | | | | | | Ext. Exam | Total |
| VIII | Core | Computer Networks | PSA2D | 4 | 5 | 25 | 75 | 100 |
| IX | Core | Distributed Database Systems | PSA2E | 3 | 4 | 25 | 75 | 100 |
| X | Non-Major Elective | Bio-Informatics | PNA2B | 3 | 4 | 25 | 75 | 100 |
| XI | Elective - I | Multimedia System or Network Programming or Windows Programming | PSAEA PSAEB PSAEC | 3 | 4 | 25 | 75 | 100 |
| XII | Core Practical - I | RDBMS Lab | PSA23 | 2 | 4 | 40 | 60 | 100 |
| XIII | Core Practical - II | Based on Elective - I | PSAE1 | 2 | 4 | 40 | 60 | 100 |
| | | Soft Skills - 2 | PSSEP | 2 | | | | |
| | | Soft Skills - 3 | PSSEB | 2 | | 40 | 60 | 100 |

SECOND YEAR

THIRD SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs/Week | CIA | Marks | |
|------|----------------------------|---|-------------------------|--------|---------------|-----|-----------|-------|
| | | | | | | | Ext. Exam | Total |
| | Core | Principles of Compiler Design | PSA3G | 4 | | 25 | 75 | 100 |
| | Extra | Object Oriented Analysis and Design | PSA3H | 4 | | 25 | 75 | 100 |
| | Disciplinary Elective - II | Digital Image Processing | PEA3A | 4 | | 25 | 75 | 100 |
| | Elective - III | Data Warehousing and Data Mining OR Mobile Computing OR Artificial Intelligence | PSAEE PSAEE PSAEG | 4 | | 25 | 75 | 100 |
| | | Artificial Neural Networks OR Computer Simulation and Modeling OR Cryptography | PSAEH PSAEJ PSAEK | 4 | | 25 | 75 | 100 |
| | Soft Skill - 4 | Mini Project - Practical - V | PSA34 | 2 | | 40 | 60 | 100 |
| | ** Internship | During Summer Vacation 4 to 6 weeks of 1 year | PSSEQ | 2 | | 40 | 60 | 100 |

** Internship will be carried out during the summer vacation of the first year and marks should be sent to the University by the College and the same will be included in the Third Semester Marks Statement.

THIRD YEAR

FOURTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs/Week | CIA | Marks | |
|------|------------------|---------------------|-------------|--------|---------------|-----|-----------|-------|
| | | | | | | | Ext. Exam | Total |
| | Core | Project & Viva-voce | PSA4Q | 20 | | 20 | 60 + 20 | 100 |

List of Electives

Elective I : Multimedia Systems OR Network Programming OR Windows Programming
Elective II : Data Warehousing and Data Mining OR Mobile Computing OR Artificial Intelligence
Elective III : Artificial Neural Networks OR Computer Simulation and Modeling OR Artificial Intelligence

**MASTER DEGREE IN INFORMATION TECHNOLOGY
(CHOICE BASED CREDIT SYSTEM)
(Effective from the academic year 2008-2009)**

FIRST YEAR

FIRST SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|---------------------|--------------------------------|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| I | Core | C++ and Data Structures | PSB1A | 4 | 5 | 25 | 75 | 100 |
| II | Core | Computer Architecture | PSB1B | 4 | 5 | 25 | 75 | 100 |
| III | Core | Database Management System | PSB1C | 3 | 5 | 25 | 75 | 100 |
| IV | Elective - I | Visual Programming | PSBEA | 4 | 5 | 25 | 75 | 100 |
| | | E-Commerce | PSBEB | | | | | |
| | | Programming in 'C' | PSBEC | | | | | |
| V | Core Practical - I | Data Structures Lab, Using C++ | PSB11 | 2 | 5 | 40 | 60 | 100 |
| VI | Core Practical - II | RDBMS Lab | PSB12 | 2 | 5 | 40 | 60 | 100 |
| | Soft Skill - I | | PSSEA | 2 | | 40 | 60 | 100 |

FIRST YEAR

SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|----------------------|----------------------------------|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| VII | Core | Operating System | PSB2D | 4 | 5 | 25 | 75 | 100 |
| VII | Elective - II | Software Engineering | PSBED | 3 | 5 | 25 | 75 | 100 |
| | | Data Warehousing and Data Mining | PSBEE | | | | | |
| | | Software Testing | PSBEG | | | | | |
| IX | Core | Programming in Java | PSB2E | 4 | 4 | 25 | 75 | 100 |
| | | Internet Technology | PSBEH | | | | | |
| X | Elective - III | Multimedia Systems | PSBEJ | 3 | 4 | 25 | 75 | 100 |
| | | Window Programming | PSBEK | | | | | |
| XI | Core Practical - III | Java Programming Lab | PSB23 | 2 | 4 | 40 | 60 | 100 |
| XII | Core Practical - IV | Lab Based on Elec. III | PSBE1 | 2 | 4 | 40 | 60 | 100 |
| | | Soft Skill - 2 | PSSEB | 2 | | 25 | 75 | 100 |
| | Internship Training | | PSSEQ | 2 | | 40 | 60 | 100 |

SECOND YEAR

THIRD SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|--------------------|---|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| | Core | Computer Networks | PSB3G | 4 | 6 | 25 | 75 | 100 |
| | Core | Design and Analysis of Algorithms | PSB3H | 4 | 6 | 25 | 75 | 100 |
| | Core | Advanced Java Programming | PSB3J | 4 | 6 | 25 | 75 | 100 |
| | Extra Disciplinary | Information Security | PSB3A | 4 | 6 | 25 | 75 | 100 |
| | Elective | Elective - IV | | 4 | 6 | 25 | 75 | 100 |
| | Core | Practical - V Advanced Java Lab | PSB34 | 2 | 6 | 40 | 60 | 100 |
| | Soft Skill - 3 | | PSSEC | 2 | 6 | 40 | 60 | 100 |
| | Soft Skill - 4 | | PSSEN | 2 | 6 | 40 | 60 | 100 |
| | Internship** | During Summer Vacation 4 to 6 Weeks of 1 Year | PSSEQ | 2 | | | | 100 |

** Internship will be carried out during the summer vacation of the first year and marks should be sent to the University by the College and the same will be included in the Third Semester Marks Statement.

THIRD YEAR

FOURTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | | |
|------|------------------|---------------------|-------------|--------|----------------|-------|-----------|-------|
| | | | | | | CIA | Ext. Exam | Total |
| | Core | Project & Viva-voce | PSB4Q | 20 | | 20 | 60 + 20 | 100 |

List of Electives

Elective V : Mobile Computing OR Artificial Intelligence OR Computer Graphics

**MASTER DEGREE IN APPLIED ELECTRONICS
(CHOICE BASED CREDIT SYSTEM)**

(Effective from the academic year 2008-2009)

FIRST YEAR FIRST SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|------------------|----------------------------------|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| I | Core | Physics of Electronics Materials | MCSIA | 4 | 6 | 25 | 75 |
| | Core | Mathematical Methods | MCSIB | 4 | 6 | 25 | 75 |
| | Core | Advanced Digital Electronics | MCSIC | 4 | 6 | 25 | 75 |
| | Practical - I | Applied Electronics | MCSII | 5 | 6 | 40 | 60 |
| | Elective - I | Analog Circuit Design | MCSAA | 3 | 4 | 25 | 75 |
| | Elective - II | System Software | MCSBA | 3 | 4 | 25 | 75 |
| | Soft Skill - I | Essential of Language | PSSEA | 3 | 2 | 40 | 60 |

FIRST YEAR SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|------------------|---|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| I | Core | Electromagnetic Theory and Electromagnetic Quantum and Opto Electronics | MCS2A | 4 | 6 | 25 | 75 |
| | Core | Electronics Instrumentation | MCS2B | 4 | 6 | 25 | 75 |
| | Core | Electronics Instrumentation | MCS2C | 4 | 6 | 25 | 75 |
| | Practical - II | Computational Methods - C/C++ Programming | MCS21 | 5 | 6 | 40 | 60 |
| | Elective - III | Wireless and Fiber Optics Communication | MCSAB | 3 | 4 | 25 | 75 |
| | Elective - IV | Numerical Methods and Programming | MCSBB | 3 | 4 | 25 | 75 |
| | Soft Skill - II | Essential Spoken & Presentation Skills | PSSEB | 3 | 2 | 40 | 60 |

** Internship will be carried out during the summer vacation of the first year and marks should be sent to the University by the College and the same will be included in the Third Semester Marks Statement.

SECOND YEAR

THIRD SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|--------------------|--|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| I | Core | Data Communication and Computer Networking | MCS3A | 4 | 6 | 25 | 75 |
| | Core | Digital Signal Processing | MCS3B | 4 | 6 | 25 | 75 |
| | Core | Basic VLSI Design | MCS3D | 4 | 6 | 25 | 75 |
| | Practical - II | Embedded and DSP Laboratory | MCS3C | 5 | 6 | 40 | 60 |
| | Elective - V | Embedded Systems | MCSAC | 3 | 4 | 25 | 75 |
| | Extra Disciplinary | Digital Image Processing | MCSBC | 3 | 4 | 25 | 75 |
| | Soft Skill - III | Personality Enrichment | PSSEC | 3 | 2 | 40 | 60 |

SECOND YEAR

FOURTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|------------------|---|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| I | Core | Industrial Process Control | MCS4A | 4 | 6 | 25 | 75 |
| | Core | Semiconductor Device Technology | MCS4B | 4 | 6 | 25 | 75 |
| | Core | Project & Viva Voce | MCS4Q | 4 | 6 | 25 | 75 |
| | Elective - VI | Power Electronics | MCSAD | 5 | 6 | 40 | 60 |
| | Elective - VII | Elements of Nanotechnology in Electronics | MCSBD | 3 | 4 | 25 | 75 |
| | Soft Skill - IV | Computing Skills | PSSED | 3 | 2 | 40 | 60 |

M.Sc. BIOCHEMISTRY
DEGREE OF MASTER OF SCIENCE
(CHOICE BASED CREDIT SYSTEM(CBCS))
(Effective from the academic year 2008-2009)

FIRST SEMESTER

| Part | Course Title | Subject Code | Ins. Hrs | Credit | Exam Hrs | Max. Marks | |
|--------------|--------------------------------|--------------|----------|--------|----------|----------------|-------|
| | | | | | | External Marks | Total |
| Core 1 | Chemistry of Biomolecules | MCN1A | 6 | 4 | 3 | 75 | 100 |
| Core 2 | Biochemical Techniques | MCN1B | 6 | 4 | 3 | 75 | 100 |
| Core 3 | Practical - I* | MCN11 | 6 | 4 | 6 | 60 | 100 |
| Elective 1 | Human Physiology | MCNAA | 6 | 3 | 3 | 75 | 100 |
| Elective 2 | Nutritional Biochemistry | MCNAB | 6 | 3 | 3 | 75 | 100 |
| Soft Skill 1 | Language & Communication Skill | PSSEA | 1 | 2 | 3 | 60 | 100 |

*Exam in I Semester

SECOND SEMESTER

| Part | Course Title | Subject Code | Ins. Hrs | Credit | Exam Hrs | Max. Marks | |
|--------------------------------|---------------------------------|--------------|----------|--------|----------|----------------|-------|
| | | | | | | External Marks | Total |
| Core 4 | Enzyme Technology | MCN2A | 6 | 4 | 3 | 75 | 100 |
| Core 5 | Intermediary Metabolism - I | MCN2B | 6 | 4 | 3 | 75 | 100 |
| Core 6 | Intermediary Metabolism - II | MCN2C | 6 | 4 | 6 | 75 | 100 |
| Core 7 | Practical | MCN21 | 6 | 4 | 6 | 60 | 100 |
| Elective 3/ Extra Disciplinary | Bioinformatics & Drug Designing | MDPBA | 6 | 3 | 3 | 75 | 100 |
| Soft Skill 1 | Spoken & Presentation Skills | PSSEB | 1 | 3 | 3 | 60 | 100 |

THIRD SEMESTER

| Part | Course Title | Subject Code | Ins. Hrs | Credit | Exam Hrs | Max. Marks | |
|--------------------|--|--------------|----------|--------|----------|----------------|-------|
| | | | | | | External Marks | Total |
| Core 8 | Cell and Molecular Biology | MCN3A | 5 | 4 | 3 | 75 | 100 |
| Core 9 | Hormonal Chemistry | MCN3B | 5 | 4 | 3 | 75 | 100 |
| Core 10 | Clinical Biochemistry | MCN3C | 5 | 4 | 6 | 75 | 100 |
| Core 11 | Practical - III* | MCN41 | 6 | 4 | 3 | 60 | 100 |
| Elective 4 | Biostatistics | MCNAC | 4 | 3 | 3 | 75 | 100 |
| Elective 5 | Immunology | MCNAD | 4 | 3 | 3 | 75 | 100 |
| Extra Disciplinary | Biotechnology / Clinical Basis of Diseases | MCTBA | 4 | 3 | 3 | 75 | 100 |
| Soft Skill 1 | Life & Managerial Skill | PSSEC | 1 | 2 | 3 | 60 | 100 |

* Exam in IV Semester

** Internship will be carried out during the summer vacation of the first year and makes should be sent to the university by the College and the same will be included in the III Semester Marks Statement.

FOURTH SEMESTER

| Part | Course Title | Subject Code | Ins. Hrs | Credit | Exam Hrs | Max. Marks | |
|--------------|-----------------------------|--------------|----------|--------|----------|----------------|-------|
| | | | | | | External Marks | Total |
| Core 12 | Principles of Biotechnology | MCN4A | 6 | 4 | 3 | 75 | 100 |
| Core 13 | Concepts of Bioinformatics | MCN4B | 6 | 4 | 3 | 75 | 100 |
| Core 14 | Project & Viva-Voce | MCN4Q | 6 | 4 | 6 | 80 | 100 |
| Elective 6 | Microbial Biochemistry | MCN4C | 6 | 3 | 3 | 75 | 100 |
| Soft Skill 1 | Computing Skill | PSSED | 1 | 2 | 3 | 60 | 100 |

MASTER DEGREE IN APPLIED MICROBIOLOGY
(CHOICE BASED CREDIT SYSTEM)
(Effective from the academic year 2013-2014)

FIRST SEMESTER

| Part | Study Components | Name of the Subject | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------|------------------|---|------------|--------|------------|------------|-----------|-------|
| | | | | | | Ext. Mark | Int. Exam | Total |
| I | Core Paper - I | Microbial Taxonomy (MDT1A) | 5 | 4 | 3 | 25 | 75 | 100 |
| I | Core Paper - II | General Microbiology and Laboratory Animal Science (MDT1B) | 5 | 4 | 3 | 25 | 75 | 100 |
| I | Core Paper - III | Immunology (MDT1C) | 5 | 4 | 3 | 25 | 75 | 100 |
| I | Core Paper - IV | Practical - I General Microbiology Physiology and Immunology (MDT11) | 6 | 4 | 6 | 40 | 60 | 100 |
| I | Elective - I | Metabolic Pathways (MDTAA) | 4 | 3 | 3 | 25 | 75 | 100 |
| I | Elective - II | Microbial Diversity (MDTAB) | 4 | 3 | 3 | 25 | 75 | 100 |
| I | Soft Skill - I | PSSEA | 1 | 2 | 3 | 40 | 60 | 100 |

SECOND SEMESTER

| Part | Study Components | Name of the Subject | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------|---------------------------------|---|------------|--------|------------|------------|-----------|-------|
| | | | | | | Ext. Mark | Int. Exam | Total |
| II | Core Paper - V | Virology (MDT2A) | 5 | 4 | 3 | 25 | 75 | 100 |
| II | Core Paper - VI | Systematic Medical Bacteriology (MDT2B) | 5 | 4 | 3 | 25 | 75 | 100 |
| II | Core Paper - VII | Mycology and Parasitology (MDT2C) | 5 | 4 | 3 | 25 | 75 | 100 |
| II | Core Paper - VIII | Practical - II* Systematic Bacteriology, Mycology, Parasitology and Virology (MDT21) | 6 | 4 | 6 | 40 | 60 | 100 |
| II | Elective - III | Industrial & Pharmaceutical Microbiology (MDTAC) | 4 | 3 | 3 | 25 | 75 | 100 |
| II | Extra Disciplinary Elective - I | Biostatistics & Bioinformatics (MDTBA) | 4 | 3 | 3 | 25 | 75 | 00 |
| II | Soft Skill - I | PSSEA | 1 | 2 | 3 | 40 | 60 | 100 |

THIRD SEMESTER

| Part | Study Components | Name of the Subject | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|------|--------------------|--|------------|--------|------------|------------|-----------|-------|
| | | | | | | Ext. Mark | Int. Exam | Total |
| III | Core Paper - IX | Microbial Genetics (MDT3A) | 5 | 4 | 3 | 25 | 75 | 100 |
| III | Core Paper - X | Genetics Engineering (MDT3B) | 5 | 4 | 3 | 25 | 75 | 100 |
| III | Core Paper - XI | Molecular Biology (MDT3C) | 5 | 4 | 3 | 25 | 75 | 100 |
| III | Core Paper - XII | Practical - III* Microbial Genetics Molecular Biology & Genetics Engineering (MPT31) | 6 | 4 | 6 | 40 | 60 | 100 |
| III | Elective - IV | Soil and Agricultural Microbiology (MDTAD) | 4 | 3 | 3 | 25 | 75 | 100 |
| III | Extra Disciplinary | Environmental Biotechnology (MDTBB) | 4 | 3 | 3 | 25 | 75 | 100 |
| III | Internship* | | - | 2 | - | - | - | 100 |
| III | Soft Skill - I | TSSEC | 1 | 2 | 3 | 40 | 60 | 100 |

FOURTH SEMESTER

| Part | Study Components | Name of the Subject | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|----------------|-------------------|--|------------|--------|------------|------------|-----------|-------|
| | | | | | | Ext. Mark | Int. Exam | Total |
| IV | Core Paper - XIII | Food Diary and Environmental Microbiology (MDT4A) | 5 | 4 | 3 | 25 | 75 | 100 |
| IV IV IV | Core Paper - XIV | Practical - IV* Soil, Agricultural, Food and Environmental Microbiology (MDT41) | 6 | 4 | 6 | 25 | 75 | 100 |
| IV | Core Paper - XV | # Project (MDT4Q) | 14 | 4 | 3 | 20 | 60 | 100 |
| | Elective - V | Research Methodology (MDTAE) | 4 | 3 | 3 | 25 | 75 | 100 |
| | Soft Skill - IV | PSSED | 1 | 2 | 3 | 40 | 60 | 100 |

* University Practical Examinations will be conducted in even semester only.

** Internship will be carried out during the summer vacation of the second semester and the report will be evaluated by two examiners within the department of the College/institution. The marks should be sent to the University by the College and the same will be included in the third semester statement of marks.

For the students undergoing M.Sc. (Applied Microbiology) in affiliated colleges, it shall be mandatory to do the project component of the curriculum only in the respective college, instead of doing it in Private/Commercial Laboratories.

MASTER DEGREE IN BIOTECHNOLOGY
(CHOICE BASED CREDIT SYSTEM)
Revised Regulations
(w.e.f. 2012-2013)
FIRST SEMESTER

| S.No. | Course Components | Name of the Subject | Semester | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|-------|----------------------------------|--|----------|------------|--------|------------|------------|-----|----|
| | | | | | | | CIA | EXT | |
| 1 | Core Paper - I | Biochemistry | MDK1A | 1 | 3 | 3 | 3 | 25 | 75 |
| 2 | Core Paper - II | Molecular Genetics | MDK1B | 1 | 3 | 3 | 3 | 25 | 75 |
| 3 | Core Paper - III | Molecular Cell Biology | MDK1C | 1 | 3 | 3 | 3 | 25 | 75 |
| 4 | Core Paper - IV Practical - I | Practical - I a) Biochemistry b) Molecular Genetics c) Molecular Cell Biology | MDK11 | 1 | 15 | 10 | 6 | 40 | 60 |
| 5 | Paper-5* Elective | Bioinstrumentation | MDKAA | 1 | 2 | 2 | 3 | 25 | 75 |
| 6 | Paper - 6* | Biostatistics | MDKAB | 1 | 2 | 2 | 3 | 25 | 75 |
| 7 | Paper - 7* | Enzymology | | 1 | 2 | 2 | 3 | 25 | 75 |
| 8 | Soft Skill - I | | PSSEA | 1 | 2 | 2 | 3 | 40 | 60 |

Total Credits : 25

Candidate can opt for any two Electives
(Practical examination shall be conducted independently at the end of even semesters)

SECOND SEMESTER

| S.No. | Course Components | Name of the Subject | Semester | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|-------|-----------------------------------|--|----------|------------|--------|------------|------------|-----|----|
| | | | | | | | CIA | EXT | |
| 9 | Core Paper - VIII | Microbiology | MDK2A | II | 3 | 3 | 3 | 25 | 75 |
| 10 | Core Paper - IX | Plant & Animal Biotechnology | MDK2B | II | 3 | 3 | 3 | 25 | 75 |
| 11 | Core Paper - X | Genetic Engineering | MDK2C | II | 3 | 3 | 3 | 25 | 75 |
| 12 | Core Paper - XI Practical - 11 | Practical - II a) Microbiology b) Plant & Animal Biotechnology c) Genetic Engineering | MDK21 | II | 15 | 10 | 6 | 40 | 60 |
| 13 | Paper-12* Elective | Tissue Engineering | MDKAD | II | 2 | 2 | 3 | 25 | 75 |
| 14 | Paper - 13* | Pharmaceutical Biotechnology | MDKAE | II | 2 | 2 | 3 | 25 | 75 |
| 15 | Paper - 14* | Environmental Biotechnology | | II | 2 | 2 | 3 | 25 | 75 |
| 16 | Soft Skill - II | | PSSEB | II | 2 | 2 | 3 | 40 | 60 |

Total Credits : 25

THIRD SEMESTER

| S.No. | Course Components | Name of the Subject | Semester | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|-------|---------------------------------------|--|----------|------------|--------|------------|------------|-----|-----|
| | | | | | | | CIA | EXT | |
| 17 | Core Paper - XV | Bioinformatics | MDK3A | III | 3 | 3 | 3 | 25 | 75 |
| 18 | Core Paper - XVI | Immunology | MDK3B | III | 3 | 3 | 3 | 25 | 75 |
| 19 | Core Paper - XVII | Bioprocess Technology | MDK3C | III | 3 | 3 | 3 | 25 | 75 |
| 20 | Core Paper - XVIII Practical - 111 | Practical - II a) Bioinformatics b) Immunology c) Bioprocess Technology | MDK31 | III | 10 | 10 | 6 | 40 | 60 |
| 21 | Paper-19* Elective | Nano Biotechnology | MDKAH | III | 2 | 2 | 3 | 25 | 75 |
| 22 | Paper - 20* | Molecular Development Biology | | III | 2 | 2 | 3 | 25 | 75 |
| 23 | *Extra Disciplinary Elective | Any elective offered by other depts | | III | 2 | 2 | 3 | 25 | 75 |
| 24 | Soft Skill - II | | PSSEC | III | 2 | 2 | 3 | 25 | 75 |
| 25 | ** Internship | Internship for industries or research laboratories related to biotechnology field. | PSSEQ | III | 2 | 2 | 3 | 40 | 60 |
| 26 | | | | III | - | 2 | - | - | 100 |
| 27 | Elective offered to other depts. | Potential Application and Commercial aspects of Bioinformatics. | | III | 2 | 3 | 3 | 25 | 75 |

Total Credits : 28

Practical examination shall be conducted independently at the end of eve semesters
Candidates can opt for any one Elective and one Extra disciplinary elective
** Internship will be carried out during the summer vacation of IInd Semester and the report will be evaluated by two examiners within the department of the college/institution. The marks should be sent to the university by the college and the same will be included in the IIIrd semester marks statement.

FOURTH SEMESTER

| S.No. | Course Components | Name of the Subject | Semester | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|-------|--------------------|--|----------|------------|--------|------------|------------|-----|---|
| | | | | | | | CIA | EXT | |
| 27 | Core Paper - XXI | Research methodology | MDK4A | IV | 4 | 3 | 3 | 25 | 75 |
| 28 | Paper-22* Elective | Stem cell biology | MDK4K | IV | 2 | 2 | 3 | 25 | 75 |
| 29 | Paper-23* Elective | Bioethics human rights & social issues | MDK4L | IV | 2 | 2 | 3 | 25 | 75 |
| 30 | Core Paper - XXIV | Disseration | MDK4Q | IV | 20 | 15 | | 60 | 240 (40 work) book, 150 dissertation, 50 viva voce) |
| 31 | Soft Skill - II | | PSSED | IV | 2 | 2 | 3 | 40 | 60 |

Total Credits : 22 / 24*

**MASTER DEGREE COURSE IN BIOINFORMATICS AND
CLINICAL TRIAL MANAGEMENT (Non-Medical)
(CHOICE BASED CREDIT SYSTEM)
(Effective from the academic year 2012-2013 onwards)**

FIRST SEMESTER

| Course Components | Name of the Course | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|-------------------|---|------------|--------|------------|------------|-----------|-------|
| | | | | | Ext. Mark | Int. Exam | Total |
| Core Paper - I | Structure, Synthesis, Regulation & Cellular Functions of Macromolecules | 6 | 4 | 3 | 25 | 75 | 100 |
| Core Paper - II | Principles of Biotechnology | 6 | 4 | 3 | 25 | 75 | 100 |
| Core Paper - III | Principles of Computational Biology and Biological Databases | 6 | 4 | 3 | 25 | 75 | 100 |
| Core Paper - IV | Theory and Practice of Bioprogramming - I (Practicals) | 6 | 4 | 3 | 25 | 75 | 100 |
| Elective - I | * Mathematical & Statistical Methods for Biologists (or) Cell Biology | 6 | 3 | 3 | 25 | 75 | 100 |
| Soft Skill - I | PSSEA | | 2 | 3 | 40 | 60 | 100 |

* Mathematical and Statistical Methods to be taken compulsorily by students with B.Sc in any branch of Life Sciences, BDS, MBBS, M.VSc, B.Pharm

Cell Biology to be taken compulsorily by students with a B.Sc in Maths, Physics, Computer Science, Chemistry and BE/B.Tech

SECOND SEMESTER

| Course Components | Name of the Course | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|--|--|------------|--------|------------|------------|-----------|-------|
| | | | | | Ext. Mark | Int. Exam | Total |
| Core Paper - V | Basic Principles of Clinical Trails | 6 | 4 | 3 | 25 | 75 | 100 |
| Core Paper - VI | Genomics and Proteomics | 6 | 4 | 3 | 25 | 75 | 100 |
| Core Paper - VII | Practicals related to Paper 1 & 2 | 6 | 4 | 6 | 25 | 75 | 100 |
| Core Paper VIII | Theory and Practice of Bioprogramming II (Practical) | 6 | 4 | 3 | 25 | 75 | 100 |
| Elective - II | Pharmacogenomics | 6 | 3 | 3 | 25 | 75 | 100 |
| Extra Disciplinary - I (Other Departments) | Bioinformatics and Drug Design | 6 | 3 | 3 | 25 | 75 | 100 |
| Soft Skill | PSSEB | | 2 | 3 | 40 | 60 | 100 |
| Internship** | | | 2 | | | | 100 |

THIRD SEMESTER

| Course Components | Name of the Course | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|--|---|------------|--------|------------|------------|-----------|-------|
| | | | | | Ext. Mark | Int. Exam | Total |
| Core Paper - IX | Molecular simulations, Methods and Applications | 6 | 4 | 3 | 25 | 75 | 100 |
| Core Paper - X | Chemoinformatics | 6 | 4 | 3 | 25 | 75 | 100 |
| Core Paper - XI | Data Management and Regulatory Requirements of Clinical Trials | 6 | 4 | 6 | 25 | 75 | 100 |
| Core Paper - XII | Tools and their applications in Bioinformatics | 6 | 4 | 3 | 40 | 60 | 100 |
| Elective - III | *** Computational Intelligent System Methods in Bioinformatics (or) Medical Informatics | 6 | 3 | 3 | 25 | 75 | 100 |
| Extra Disciplinary - II (Other Department) | Potential Applications and Commercial Aspects of Bioinformatics | 6 | 3 | 3 | 25 | 75 | 100 |
| Soft Skill | | | 2 | 3 | 40 | 60 | 100 |

** Internship will be carried out during the summer vacation of the first year and marks should be sent the University try the College and the same will be included in the Third Semester Marks Statement.

*** Any one of the Papers can be chosen as Elective.

FOURTH SEMESTER

| Course Components | Name of the Course | Inst. Hrs. | Credit | Exam Hours | Max. Marks | | |
|-------------------|--|------------|--------|------------|------------|-----------|-------|
| | | | | | Ext. Mark | Int. Exam | Total |
| Core Paper - XIII | Advanced Topics in Bioinformatics | 6 | 4 | 3 | 25 | 75 | 100 |
| Elective - IV | Systems Biology : Methods and Applications | 6 | 3 | 3 | 25 | 75 | 100 |
| Elective - V | Micro array Technologies & Applications | 6 | 3 | 3 | 25 | 75 | 100 |
| Core Paper - XIV | Project & Viva-voce | 12 | 8 | - | 20 | 80 | 100 |
| Soft Skill | | | 2 | 3 | 40 | 60 | 100 |

MASTER OF SCIENCE DEGREE COURSE IN VISUAL COMMUNICATION
(CHOICE BASED CREDIT SYSTEM)

(Effective from the academic year 2008-2009)

FIRST YEAR

FIRST SEMESTER

| Part | Study Components | Course Title | C/E/S | Credit | Marks | |
|------|--------------------|---|-------|--------|-------|----|
| | | | | | IM | EM |
| I | Core - Paper - I | Introduction to Human Communication | C | 4 | 25 | 75 |
| II | Core - Paper - II | Visualization & Storyboard | C | 4 | 40 | 60 |
| III | Core - Paper - III | Principles of Animation | C | 4 | 40 | 60 |
| IV | Core - Paper - IV | Computer Graphics & Animation -I (3D Max. Maya) | C | 4 | 40 | 60 |
| V | Elective - I | Media Aesthetics | E | 3 | 25 | 75 |
| VI | Elective - II | Indian Cinema | E | 3 | 25 | 75 |
| VII | Soft Skill - I | Soft Skills | S | 2 | 40 | 75 |

FIRST YEAR

SECOND SEMESTER

| Part | Study Components | Course Title | C/E/S | Credit | Marks | |
|------|---------------------|--|-------|--------|-------|----|
| | | | | | IM | EM |
| VIII | Core - Paper - V | Film Language | C | 4 | 25 | 75 |
| IX | Core - Paper - VI | Story Development & Scriptwriting | C | 4 | 40 | 60 |
| X | Core - Paper - VII | Computer Graphics & Animation -II (3D Max. Maya) | C | 4 | 40 | 60 |
| XI | Core - Paper - VIII | Character Animation & Camera Techniques | C | 4 | 40 | 60 |
| XII | Elective - III | Visual Culture in India | E | 3 | 25 | 75 |
| XIII | Elective - VI | World Cinema | E | 3 | 25 | 75 |
| XIV | Soft Skill | Soft Skills | S | 2 | 40 | 75 |

MASTER OF SOCIAL WORK (M.S.W.)
(CHOICE BASED CREDIT SYSTEM)

(Effective from the academic year 2008-2009)

FIRST YEAR

FIRST SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs/Week | CIA | Marks | | Total |
|------|----------------------|---|-------------|--------|---------------|-----|-----------|-------|-------|
| | | | | | | | Ext. Exam | Total | |
| I | Core - Paper - I | Social Work Profession | HAW1A | 4 | 4 | 25 | 75 | 100 | |
| II | Core - Paper - II | Social & Psychological Foundation for Social Work | HAWEA | 4 | 4 | 25 | 75 | 100 | |
| III | Core - Paper - III | Work with Individuals | HAWIB | 4 | 4 | 25 | 75 | 100 | |
| IV | Core - Paper - IV | Work with Groups | HAWIC | 4 | 4 | 25 | 75 | 100 | |
| V | Core - Practical - I | Field Work | HAWII | 6 | 12 | 40 | 60 | 100 | |
| VI | Soft Skill - I | Language and Communication Skills | PSSEA | 2 | 2 | 40 | 60 | 100 | |

FIRST YEAR

SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs/Week | CIA | Marks | | Total |
|------|---------------------|--|-------------|--------|---------------|-----|-----------|-------|-------|
| | | | | | | | Ext. Exam | Total | |
| VII | Core | Community Organization | HAW2A | 4 | 4 | 25 | 75 | 100 | |
| VIII | Core | Social Work Research and Statistics | HAW2B | 4 | 4 | 25 | 75 | 100 | |
| IX | Core - Practical-II | Field Work | HAW21 | 6 | 12 | 40 | 60 | 100 | |
| X | Elective Paper | Disaster Management/Working with people living with HIV/AIDS | HAWEB | 4 | 4 | 25 | 75 | 100 | |
| XI | Extra Disciplinary | Women & development/Management of Organizations | HAWEE | 4 | 4 | 25 | 75 | 100 | |
| XII | Soft Skills - II | Spoken and Presentation Skill | PSSEB | 2 | 2 | 40 | 60 | 100 | |

SECOND YEAR

THIRD SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|-------|--------------------|---|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| XIII | Core | Specialization Paper - I | HAW3C/3B/3D | 4 | 4 | 25 | 75 |
| XIV | Core | Specialization Paper - II | HAW3G/3F/3H | 4 | 4 | 25 | 75 |
| XV | Core Practical-III | Field Work Practicum - III | HAW3I | 6 | 12 | 25 | 75 |
| XVI | Elective Paper | Counseling/Management of Development and Voluntary Organization | HAW3J | 4 | 4 | 25 | 75 |
| XVII | Extra Disciplinary | Social Policy and Social Legislation / Human Rights | HAW3K | 4 | 4 | 25 | 75 |
| XVIII | Soft Skill - III | Life and Managerial Skill | PSSEC | 2 | 2 | 40 | 60 |
| | Block Placement | Internship | PSSEQ | 2 | 2 | 40 | 60 |

** Internship will be carried out during the summer vacation of the first year and marks should be sent to the University by the College and the same will be included in the Third Semester Marks Statement.

SECOND YEAR

FOURTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|-------|-------------------|----------------------------|-------------|--------|----------------|---------------------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| XIX | Core | Specialization Paper - III | HAW4C/4B/4D | 4 | 4 | 25 | 75 |
| XX | Core | Specialization Paper - IV | HAW4G/4F/4H | 4 | 4 | 25 | 75 |
| XXI | Core Practical-IV | Filed Work Practicum - IV | HAW4I | 6 | 12 | 40 | 60 |
| XXII | Elective Paper | Project Report | HAW4Q | 4 | 8 | 80 Report + 20 Viva | 100 |
| XXIII | Soft Skills - IV | Computing Skills | PSSED | 2 | 2 | 40 | 60 |
| | Block Placement | Internship | PSSEQ | 2 | 2 | 40 | 60 |

Each Paper Carried an Internal Component. There is a Pass minimum for external Component. Theory : Internal Assessment : 75:25 Field Work : 60 : 40

Field Work :
 External 60 Marks (40 Viva; 20 Marks for Agency Supervisor Internal : 40
 Project Report Report Presentation : 80
 Viva : 20

| S.No. | Specializations | Human Resource Management | Community Development | Medical and Psychiatric |
|-------|---|------------------------------|----------------------------------|-------------------------|
| 01 | Specializations-I Labour Legislation | Urban Community Development | Medical Social Work | |
| 02 | Specializations-II Human Resource Management and Development | Rural Community Development | Mental Health and Social Work | |
| 03 | Specializations-III Industrial Relations and Labour Welfare | Development Planning | Community Health | |
| 04 | Specializations-IV Organizational Behaviour and Development | Entrepreneurship Development | Psychiatric Social Work Practice | |

MASTER OF COMMERCE (M.Com)
(CHOICE BASED CREDIT SYSTEM)
(w.e.f. 2013-2014)

FIRST YEAR FIRST SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|--------------------|--|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| I | Core - Paper - I | Advanced corporate accounting and Accounting Standards | KDA1A | 4 | 3 | 25 | 75 |
| II | Core - Paper - II | Financial Management | KDA1B | 4 | 3 | 25 | 75 |
| III | Core - Paper - III | Organizational Behaviour | KDA1C | 4 | 3 | 25 | 75 |
| IV | Core - Paper - IV | Managerial Economics | KDA1D | 4 | 3 | 25 | 75 |
| V | Elective | Paper - I | KDAAC | 3 | 3 | 25 | 75 |
| VI | Soft Skill - I | | PSSEA | 2 | - | 40 | 60 |

Composition of marks : 60% problems and 40% theory

* Electives are to be chosen from the Groups of Electives listed at the end.

115

FIRST YEAR SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|--------------------|--|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| VII | Core Paper - V | Advanced Cost and Management Accounting | KDA2A | 4 | 3 | 25 | 75 |
| VIII | Core Paper - VI | Quantitative Techniques for Business Decisions | KDA2B | 4 | 3 | 25 | 75 |
| IX | Core Paper - VII | Marketing of Services | KDA2C | 4 | 3 | 25 | 75 |
| X | Elective | Paper - II | KDABB | 3 | 3 | 25 | 75 |
| XI | Extra Disciplinary | Paper - I | | 3 | 3 | 25 | 75 |
| | Elective | Total Quality Management | KDAXA | 3 | 3 | 25 | 75 |
| XII | Internship | | | 2 | - | - | 100 |
| XIII | Soft Skill - II | | PSSEB | 2 | - | 40 | 60 |

Composition of marks : 80% problems and 20% theory

* To be offered to other Departments

Internship will have to be carried out at the end of the Second Semester and the report of the same shall be submitted by the students within a period of one month after the completion of the internship. The Internship report shall be evaluated by the two examiners within the Department of the College. The marks shall be sent to the University by the College and the same will be included in the Third semester Statement of Marks.

SECOND YEAR

THIRD SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|-----------------------------|--|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| I | Core - Paper - VIII | Research Methodology Knowledge Management | KDA3A | 4 | 3 | 25 | 75 |
| | | | KDA3B | 4 | 3 | 25 | |
| II | Core - Paper - IX | Fundamentals of Information Technology | KDA31 | 4 | 3 | 40 | 60 |
| III | Elective | Paper - III | KDACB | 4 | 3 | 25 | 75 |
| IV | Elective | Paper - IV | KDACC | 3 | 3 | 25 | 75 |
| V | Extra Disciplinary Elective | Paper - II Business Ethics, Corporate Governance & Social Responsibility | LDAXB | 3 | 3 | 25 | 75 |
| VI | Soft Skill - I | | PSSEC | 2 | - | 40 | 60 |

SECOND YEAR

FOURTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|------------------------|--|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| VII | Core - Paper - XI | Management Information Systems | KDA4A | 4 | 3 | 25 | 75 |
| VIII | Core - Paper - XII | Investment Analysis and Portfolio Theory | KDA4B | 4 | 3 | 25 | 75 |
| IX | Core - Paper - XIII | Merchant Banking and Financial Services | KDA4C | 4 | 3 | 25 | 75 |
| X | Core - Paper - IV & XV | Project Plus Viva-voce | KDA4Q | 8 | 3 | 40 | 160 |
| XI | Elective | Paper V | KDACD | 3 | 3 | 40 | 60 |
| XII | Soft Skill - I | | PSSED | 2 | - | 40 | 60 |

@Viva-voce examination carries 40 Marks and Project Report carries 120 Marks

* Project Viva-voce is considered equivalent to two core papers. Hence, a College may choose to offer the following two core papers in lieu of the Project Viva-voce

| | | | | | | | |
|------|---------------------|------------------------------------|---------|---|---|----|----|
| XIII | Core - Paper - XVI | Financial Derivatives | Com 216 | 4 | 3 | 25 | 75 |
| XIV | Core - Paper - XVII | Financial Markets and Institutions | Com 218 | 4 | 3 | 25 | 75 |

116

| List of Electives | |
|-------------------|---|
| S.No. | |
| 1. | Accounting for Specialized Institutions |
| 2. | Income Tax Law and Practice |
| 3. | Accounting for Decision Making |
| 4. | Indirect Taxes |
| 5. | Computerized Accounting |
| 6. | Strategic Human Resource Management and Development |
| 7. | Industrial Relations and Labor Welfare |
| 8. | Change Management |
| 9. | Managerial Behavior and Effectiveness |
| 10. | Human Resources Accounting and Audit |
| 11. | CRM and Relationship Marketing |
| 12. | Consumer Behavior |
| 13. | Consumer Rights and Education |
| 14. | Advertising and Salesmanship |
| 15. | International Marketing |

MASTER DEGREE IN MATHEMATICS
(CHOICE BASED CREDIT SYSTEM)
(Effective from the academic year 2008-2009)

FIRST YEAR

FIRST SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|------------------|--|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| I | Core | Algebra - I | MCF1A | 4 | 3 | 25 | 75 |
| II | Core | Real Analysis - I | MCF1B | 4 | 3 | 25 | 75 |
| III | Core | Ordinary Differential Equation | MCF1C | 4 | 3 | 25 | 75 |
| IV | Core | Graph Theory | MCF1D | 4 | 3 | 25 | 75 |
| V | Elective | Programming in C++ and Numerical Methods | MCFAD | 3 | 3 | 25 | 75 |
| VI | Soft Skill - I | | PSSEA | | | 40 | 60 |
| | | | | | | 40 | 100 |

FIRST YEAR

SECOND SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|------|------------------|-------------------------------|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| VI | Core | Algebra - II | MCF2A | 3 | 4 | 25 | 75 |
| VII | Core | Real Analysis - II | MCF2B | 3 | 4 | 25 | 75 |
| VIII | Core | Partial Differential Equation | MCF2E | 3 | 4 | 25 | 75 |
| IX | Elective - 2 | Probability Theory | MCF2D | 3 | 3 | 25 | 75 |
| X | Elective - 2 | Java Programming | MCFAH | 3 | 3 | 25 | 75 |
| | Soft Skill - II | | PSSEB | | | 40 | 60 |
| | | | | | | 40 | 100 |

SECOND YEAR

THIRD SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|-------|------------------|--|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| XIV | Core | Complex Analysis - I | MCF3A | 4 | 3 | 25 | 75 |
| XV | Core | Topology | MCF3B | 4 | 3 | 25 | 75 |
| XVI | Core | Operations Research | MCF3C | 4 | 3 | 25 | 75 |
| XVII | Core | Mechanics | MCF3D | 4 | 3 | 25 | 75 |
| XVIII | Elective | Elective - III (Choose one from Group C) | MCFAM | 3 | 3 | 25 | 75 |
| XIX | Soft Skill - I | | | | 3 | 40 | 60 |

** Internship will be carried out during the summer vacation of the first year and marks should be sent to the University by the College and the same will be included in the Third Semester Marks Statement.

SECOND YEAR

FOURTH SEMESTER

| Part | Study Components | Course Title | Course Code | Credit | Ins. Hrs./Week | Marks | |
|-----------------------|------------------|---|-------------|--------|----------------|-------|-----------------|
| | | | | | | CIA | Ext. Exam Total |
| XX | Core | Complex Analysis - II | MCF4D | 4 | 3 | 25 | 75 |
| XXI | Core | Differential Geometry | MCF4E | 4 | 3 | 25 | 75 |
| XXII | Core | Functional Analysis | MCF4C | 4 | 3 | 25 | 75 |
| XXIII | Elective | Elective - IV (Choose one from Group D) | MCFAR | 3 | 3 | 25 | 75 |
| XXIV | Elective | Elective - V (Choose one from Group E) | MCFAT | 3 | 3 | 25 | 75 |
| XXV | Soft Skill - IV | | | | 3 | 40 | 60 |
| Total Marks / Credits | | | | 2400 | | | 90 |

Elective III (Semester III)

Any one of the following courses from Group - C shall be chosen as Elective - III for Semester - III.

Group-C

1. Algebraic Theory of Numbers
2. Number Theory and Cryptography
3. Stochastic Processes
4. Data Structures and Algorithms

Group-D

1. Fluid Dynamics
2. Combinatorics
3. Mathematical Statistics
4. Algebraic Topology

Group-E

1. Tensor Analysis and Relativity
2. Mathematical Physics
3. Calculus of variations and Integral equations

M.Phil., BIOCHEMISTRY
DEGREE OF MASTER OF PHILOSOPHY
 (Effective from the academic year 2010-2011)

| Course Components | Name of the Course | Subject Code | Insl. Hrs | Exam Hrs | Maximum Marks |
|--------------------|---|--------------|-----------|----------|---------------|
| | Research Methodology | PDA | 5 | 3 | 100 |
| | Advanced Biochemistry Background Paper (Candidates can choose any one paper from the following) | PDB | 5 | 3 | 100 |
| Part I Course Work | | PDZ | 5 | 3 | 100 |
| Part II: | Submission of Dissertation Work | PDQ | | | |

M.Phil., MICROBIOLOGY
With effect from 2008 2009 onwards

| Part | Study Components | Course Title | Course Code | Inst. Hrs | Marks Ext100 | Marks Hrs |
|------|------------------|--|-------------|-----------|--------------|-----------|
| I | Paper - I | Research Methodology | NAA | 6 hrs | 100 | 3 hrs |
| | Paper - II | Advanced Paper in Microbiology | NAB | 6 hrs | 100 | 3 hrs |
| | Paper - III | Background Paper of Proposed Dissertation 1. Enzyme Technology 2. Microbial Bioprocess Technology 3. Applied Microbiology | NAZ | - | 100 | 3 hrs |
| II | | Dissertation | NAQ | 18 hrs | - | - |

M.Phil., BIOTECHNOLOGY (FULL TIME)

| Part | Title | | Duration | Marks |
|-----------|---|-----|----------|-------|
| Paper I | Research Methodology I (Conventional techniques) (Common Syllabus) | NTA | 3 hrs | 100 |
| Paper II | Research Methodology II (Recent techniques) (Common Syllabus) | NTV | 3 hrs | 100 |
| Paper III | Guide Paper | NTZ | 3 hrs | 100 |

| Part | Title | | Duration | Marks |
|----------|--------------|-----|----------|-------|
| Paper IV | Dissertation | NTQ | | 100 |

Ph.D. BIOCHEMISTRY
DEGREE OF DOCTOR OF PHILOSOPHY
(Revised Regulations of the University of Madras, Effective from
July 2010)

ELIGIBILITY FOR ADMISSION

For purpose of admission to the Ph.D. programme a candidate should have obtained a Master's Degree in the relevant for other the sciences discipline with 55% marks in the qualifying examination. For SC/ST candidates and for candidates who have completed the PG degree before 1991, the minimum can be only 50% for admission to the Ph.D programme.

Admissions for Ph.D programme can be made four times in a year. i.e. January, April July and October. Applications can be obtained from the University on payment of prescribed fee of Rs. 500/- For SC/ST candidates the application shall be issued free of cost on production of two copies of community certificate duly attested by a Gazetted Officer with superscription as "for SC/ST Candidates only" made on such application forms. The application forms will be issued during the months of December. March, June and September every year for admitting the candidates for four sessions. Candidates should submit their applications on or before the first working day of a quarter, viz, January, April, July and October. Admission to Ph.D. programme shall be completed in the first month itself in each session. Registrations for Ph.D. may be done throughout the year.

Duration of Research

FULL-TIME A candidate registered as a full-time scholar for the Ph.D. programme shall work continuously in the department under a supervisor for a minimum period of **THREE YEARS** after provisional registration and before submission of the thesis.

PART-TIME : A candidate registered for the Ph.D. programme as a part-time scholar (both internal and external) shall work for a minimum period of **FOUR YEARS**, after provisional registration, before submission of the Thesis.

EXEMPTION : Exemption of **ONE YEAR** from the minimum duration required is permissible in respect of candidates who possess an M.Phil./M.Phil. on **INTER-DISCIPLINARY** basis.

EXAMINATION AND EVALUATION

PART I : COURSE WORK

Every candidate provisionally registered for the Ph.D. programme shall undergo course work in the first year. The course work consists of the following.

- Paper I : Research Methodology
- Paper II : An advanced paper in the subject concerned
- Paper III : Background paper relating to the candidate's Ph.D. Work

*Candidates who possess M.Phil., or M.Tech, M.D., M.S., qualifications in the same discipline/field of research are eligible for exemption from undergoing the written examinations of all the three papers. If the degrees are not in the same discipline, they are exempted only from Paper-I Research Methodology and shall undergo written examinations for Paper-II and III.

Part-II : SUBMISSION OF SYNOPSIS AND THESIS

MOHAMED SATHAK
COLLEGE OF ARTS & SCIENCE

THE ALMANAC

2014 - 2015

HIJIRI 1435 - 1436

The College calendar provides a diary of informations and activities to keep you abreast govern your academic curricular, co curricular and extra curricular works. It must always be brought with you when you are attending the college.

JUNE 2015

| Date | Days | |
|------|-----------|---------------------------------------|
| 01 | Monday | |
| 02 | Tuesday | |
| 03 | Wednesday | |
| 04 | Thursday | |
| 05 | Friday | |
| 06 | Saturday | |
| 07 | Sunday | |
| 08 | Monday | |
| 09 | Tuesday | |
| 10 | Wednesday | |
| 11 | Thursday | |
| 12 | Friday | |
| 13 | Saturday | |
| 14 | Sunday | |
| 15 | Monday | |
| 16 | Tuesday | |
| 17 | Wednesday | |
| 18 | Thursday | College reopens after Summer Vacation |
| 19 | Friday | Ramzan Fasting Begins |
| 20 | Saturday | |
| 21 | Sunday | |
| 22 | Monday | |
| 23 | Tuesday | |
| 24 | Wednesday | |
| 25 | Thursday | |
| 26 | Friday | |
| 27 | Saturday | |
| 28 | Sunday | |
| 29 | Monday | |
| 30 | Tuesday | |

"Acquire knowledge: it is our friend in the desert, our society in solitude, our companion when friendless." - Prophet Mohamed (SWJ)

JULY 2015

| Date | Days | |
|------|-----------|----------------|
| 01 | Wednesday | |
| 02 | Thursday | |
| 03 | Friday | |
| 04 | Saturday | |
| 05 | Sunday | |
| 06 | Monday | |
| 07 | Tuesday | |
| 08 | Wednesday | |
| 09 | Thursday | |
| 10 | Friday | |
| 11 | Saturday | |
| 12 | Sunday | |
| 13 | Monday | |
| 14 | Tuesday | |
| 15 | Wednesday | Lailathul Qadr |
| 16 | Thursday | |
| 17 | Friday | |
| 18 | Saturday | Ramzan Holiday |
| 19 | Sunday | |
| 20 | Monday | |
| 21 | Tuesday | |
| 22 | Wednesday | |
| 23 | Thursday | |
| 24 | Friday | |
| 25 | Saturday | |
| 26 | Sunday | |
| 27 | Monday | |
| 28 | Tuesday | |
| 29 | Wednesday | |
| 30 | Thursday | |
| 31 | Friday | |

“Education is companion which no misfortune can depress, no crime destroys, no enemies alienate, no despotism enslave. At home, a friend, abroad, an introduction, in solitude a solace” - Varie

AUGUST 2015

| Date | Days | |
|------|-----------|----------------------------|
| 01 | Saturday | |
| 02 | Sunday | |
| 03 | Monday | |
| 04 | Tuesday | |
| 05 | Wednesday | |
| 06 | Thursday | |
| 07 | Friday | |
| 08 | Saturday | |
| 09 | Sunday | |
| 10 | Monday | |
| 11 | Tuesday | |
| 12 | Wednesday | |
| 13 | Thursday | |
| 14 | Friday | |
| 15 | Saturday | Independence Day - Holiday |
| 16 | Sunday | |
| 17 | Monday | |
| 18 | Tuesday | |
| 19 | Wednesday | |
| 20 | Thursday | |
| 21 | Friday | |
| 22 | Saturday | |
| 23 | Sunday | |
| 24 | Monday | |
| 25 | Tuesday | |
| 26 | Wednesday | |
| 27 | Thursday | |
| 28 | Friday | |
| 29 | Saturday | |
| 30 | Sunday | |
| 31 | Monday | |

“The likeness of those who spend the wealth in Allah’s way is as the likeness of a grain which growth seven ears. in every ear hundred grains. Allah giveth increase manifold to which He will. Allah is all embracing, all knowing” - Al Quran

SEPTEMBER 2015

| Date | Days | |
|------|-----------|--|
| 01 | Tuesday | |
| 02 | Wednesday | |
| 03 | Thursday | |
| 04 | Friday | |
| 05 | Saturday | Teacher's Day * Krishna Jayanthi Holiday |
| 06 | Sunday | |
| 07 | Monday | |
| 08 | Tuesday | |
| 09 | Wednesday | |
| 10 | Thursday | |
| 11 | Friday | |
| 12 | Saturday | |
| 13 | Sunday | |
| 14 | Monday | |
| 15 | Tuesday | |
| 16 | Wednesday | |
| 17 | Thursday | |
| 18 | Friday | |
| 19 | Saturday | |
| 20 | Sunday | |
| 21 | Monday | |
| 22 | Tuesday | |
| 23 | Wednesday | Bakrid Holiday |
| 24 | Thursday | |
| 25 | Friday | Bakrid Holiday |
| 26 | Saturday | |
| 27 | Sunday | |
| 28 | Monday | |
| 29 | Tuesday | |
| 30 | Wednesday | |

"To every young person who honoureth the old, on account of their age, may God appoint those who shall honour him in this years" - Al Quran

OCTOBER 2015

| Date | Days | |
|------|-----------|--------------------------------|
| 01 | Thursday | |
| 02 | Friday | Gandhi Jayanthi |
| 03 | Saturday | |
| 04 | Sunday | |
| 05 | Monday | |
| 06 | Tuesday | |
| 07 | Wednesday | |
| 08 | Thursday | |
| 09 | Friday | |
| 10 | Saturday | |
| 11 | Sunday | |
| 12 | Monday | |
| 13 | Tuesday | |
| 14 | Wednesday | Islamic New Year - Hijiri 1437 |
| 15 | Thursday | |
| 16 | Friday | |
| 17 | Saturday | |
| 18 | Sunday | |
| 19 | Monday | |
| 20 | Tuesday | |
| 21 | Wednesday | Ayutha Pooja Holiday |
| 22 | Thursday | Vijayadashami |
| 23 | Friday | Muharam 10th Day Holiday |
| 24 | Saturday | |
| 25 | Sunday | |
| 26 | Monday | |
| 27 | Tuesday | |
| 28 | Wednesday | |
| 29 | Thursday | |
| 30 | Friday | |
| 31 | Saturday | |

"He is not strong or powerful who throws people down; but he is strong who masters his anger" - Al Hadith

NOVEMBER 2015

| Date | Days | |
|------|-----------|--|
| 01 | Sunday | |
| 02 | Monday | |
| 03 | Tuesday | |
| 04 | Wednesday | |
| 05 | Thursday | |
| 06 | Friday | |
| 07 | Saturday | |
| 08 | Sunday | |
| 09 | Monday | |
| 10 | Tuesday | |
| 11 | Wednesday | |
| 12 | Thursday | |
| 13 | Friday | |
| 14 | Saturday | |
| 15 | Sunday | |
| 16 | Monday | |
| 17 | Tuesday | |
| 18 | Wednesday | |
| 19 | Thursday | |
| 20 | Friday | |
| 21 | Saturday | |
| 22 | Sunday | |
| 23 | Monday | |
| 24 | Tuesday | |
| 25 | Wednesday | |
| 26 | Thursday | |
| 27 | Friday | |
| 28 | Saturday | |
| 29 | Sunday | |
| 30 | Monday | |
| | | |

"A good man is not a perfect man; a good man is an honest man, faithful, and unhesitatingly responsive to the voice of God in his life"
- John Fischer

DECEMBER 2015

| Date | Days | |
|------|-----------|---|
| 01 | Tuesday | |
| 02 | Wednesday | |
| 03 | Thursday | |
| 04 | Friday | |
| 05 | Saturday | |
| 06 | Sunday | |
| 07 | Monday | |
| 08 | Tuesday | |
| 09 | Wednesday | |
| 10 | Thursday | |
| 11 | Friday | |
| 12 | Saturday | |
| 13 | Sunday | |
| 14 | Monday | |
| 15 | Tuesday | |
| 16 | Wednesday | |
| 17 | Thursday | |
| 18 | Friday | |
| 19 | Saturday | |
| 20 | Sunday | |
| 21 | Monday | |
| 22 | Tuesday | |
| 23 | Wednesday | Milad un-Nabi Holiday |
| 24 | Thursday | |
| 25 | Friday | Christmas - Holiday |
| 26 | Saturday | |
| 27 | Sunday | |
| 28 | Monday | |
| 29 | Tuesday | |
| 30 | Wednesday | |
| 31 | Thursday | Last Date for Issue of Ph.D.Application |

"Surely Allah enjoins justice and the doing of good (to others) and the giving to the kindred. And He forbids indecency and evil and rebellion. He admonishes you that you may be mindful" - **Al Quran**

JANUARY 2016

| Date | Days | |
|------|-----------|-----------------------------|
| 01 | Friday | New Year's Day - Holiday |
| 02 | Saturday | |
| 03 | Sunday | |
| 04 | Monday | |
| 05 | Tuesday | |
| 06 | Wednesday | |
| 07 | Thursday | |
| 08 | Friday | |
| 09 | Saturday | |
| 10 | Sunday | |
| 11 | Monday | |
| 12 | Tuesday | |
| 13 | Wednesday | |
| 14 | Thursday | Pongal - Holiday |
| 15 | Friday | Thiruvalluvar Day - Holiday |
| 16 | Saturday | Uzhavar Thirunal - Holiday |
| 17 | Sunday | |
| 18 | Monday | |
| 19 | Tuesday | |
| 20 | Wednesday | |
| 21 | Thursday | |
| 22 | Friday | |
| 23 | Saturday | |
| 24 | Sunday | |
| 25 | Monday | |
| 26 | Tuesday | Republic Day - Holiday |
| 27 | Wednesday | |
| 28 | Thursday | |
| 29 | Friday | |
| 30 | Saturday | |
| 31 | Sunday | |

*Coming together is a beginning. Keeping together is progress.
Working together is success - Henry Ford*

FEBRUARY 2016

| Date | Days | |
|------|-----------|--|
| 01 | Monday | |
| 02 | Tuesday | |
| 03 | Wednesday | |
| 04 | Thursday | |
| 05 | Friday | |
| 06 | Saturday | |
| 07 | Sunday | |
| 08 | Monday | |
| 09 | Tuesday | |
| 10 | Wednesday | |
| 11 | Thursday | |
| 12 | Friday | |
| 13 | Saturday | |
| 14 | Sunday | |
| 15 | Monday | |
| 16 | Tuesday | |
| 17 | Wednesday | |
| 18 | Thursday | |
| 19 | Friday | |
| 20 | Saturday | |
| 21 | Sunday | |
| 22 | Monday | |
| 23 | Tuesday | |
| 24 | Wednesday | |
| 25 | Thursday | |
| 26 | Friday | |
| 27 | Saturday | |
| 28 | Sunday | |
| 29 | Monday | |
| | | |
| | | |

"Humility and Courtesy are acts of piety" - Al Hadith

MARCH 2016

| Date | Days | |
|------|-----------|--|
| 01 | Tuesday | |
| 02 | Wednesday | |
| 03 | Thursday | |
| 04 | Friday | |
| 05 | Saturday | |
| 06 | Sunday | |
| 07 | Monday | |
| 08 | Tuesday | |
| 09 | Wednesday | |
| 10 | Thursday | |
| 11 | Friday | |
| 12 | Saturday | |
| 13 | Sunday | |
| 14 | Monday | |
| 15 | Tuesday | |
| 16 | Wednesday | |
| 17 | Thursday | |
| 18 | Friday | |
| 19 | Saturday | |
| 20 | Sunday | |
| 21 | Monday | |
| 22 | Tuesday | |
| 23 | Wednesday | |
| 24 | Thursday | |
| 25 | Friday | Good Friday Holiday |
| 26 | Saturday | |
| 27 | Sunday | |
| 28 | Monday | |
| 29 | Tuesday | |
| 30 | Wednesday | |
| 31 | Thursday | Last Date for Issue of Ph.D. Application |

"The great aim of education is not knowledge, but action"
- Herbert Spencer

APRIL 2016

| Date | Days | |
|------|-----------|--------------------------------------|
| 01 | Friday | |
| 02 | Saturday | |
| 03 | Sunday | |
| 04 | Monday | |
| 05 | Tuesday | |
| 06 | Wednesday | |
| 07 | Thursday | |
| 08 | Friday | Telugu New Year Holiday |
| 09 | Saturday | |
| 10 | Sunday | |
| 11 | Monday | |
| 12 | Tuesday | |
| 13 | Wednesday | |
| 14 | Thursday | |
| 15 | Friday | Tamil New Year & Dr.Ambedkar Holiday |
| 16 | Saturday | |
| 17 | Sunday | |
| 18 | Monday | |
| 19 | Tuesday | |
| 20 | Wednesday | |
| 21 | Thursday | |
| 22 | Friday | |
| 23 | Saturday | |
| 24 | Sunday | |
| 25 | Monday | |
| 26 | Tuesday | |
| 27 | Wednesday | |
| 28 | Thursday | |
| 29 | Friday | |
| 30 | Saturday | |

"You can avoid reality, but you cannot avoid the consequences of avoiding reality" - **Ayn Rand**

MAY 2016

| Date | Days | |
|------|-----------|-------------------|
| 01 | Sunday | May Day - Holiday |
| 02 | Monday | |
| 03 | Tuesday | |
| 04 | Wednesday | |
| 05 | Thursday | |
| 06 | Friday | |
| 07 | Saturday | |
| 08 | Sunday | |
| 09 | Monday | |
| 10 | Tuesday | |
| 11 | Wednesday | |
| 12 | Thursday | |
| 13 | Friday | |
| 14 | Saturday | |
| 15 | Sunday | |
| 16 | Monday | |
| 17 | Tuesday | |
| 18 | Wednesday | |
| 19 | Thursday | |
| 20 | Friday | |
| 21 | Saturday | |
| 22 | Sunday | |
| 23 | Monday | |
| 24 | Tuesday | |
| 25 | Wednesday | |
| 26 | Thursday | |
| 27 | Friday | |
| 28 | Saturday | |
| 29 | Sunday | |
| 30 | Monday | |
| 31 | Tuesday | |

"Leaders don't create followers, they create more leaders" - Tom Peters

TIME TABLE

| | | | | | | |
|-----------|---|----|-----|----|---|----|
| 5 | | | | | | |
| 4 | | | | | | |
| 3 | | | | | | |
| 2 | | | | | | |
| 1 | | | | | | |
| DAY ORDER | I | II | III | IV | V | VI |