



ALGOL UNIVERSAL TRUST

IN COLLABORATION WITH



KARNATAKA STATE OPEN UNIVERSITY

PROSPECTUS 2012-13

Technical, IT & Management Programmes (Semester Mode)

The Organization Structure

Chancellor
Shri Hans Raj Bhardwaj
His Excellency Governor of Karnataka

Vice - Chancellor
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Registrar
Prof. B.S. Vishwanath

Dean (Academic)
Prof. S.N. Vikram Raj Urs

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Vice-Chancellor's Message

Dear Student,

Greeting from Karnataka State Open University!!! I welcome you to the family of students in Karnataka State Open University (KSOU), which was established in the year 1996 for the promotion of Education among all section of society. Without the constraints of space and time, Karnataka State Open University has established its quality and has reached the remote parts of Karnataka and beyond. As inscribed in its motto "Higher Education to All, Everywhere" the university has set itself an objective to reach the doorsteps of aspiring students in every nook and corner of not only the state, but throughout the country and abroad. The programs that are innovative and relevant to the society are offered with moderate cost and modern facilities. Karnataka State Open University has also programs of IGNOU, to cater to the needs of students in various fields. Accessibility, quality, flexibility and relevance are the major strengths of KSOU, whereas creation, management and dissemination of knowledge are its main goals. Flexible mode to teaching represents a major element of our programs. In order to achieve these goals, we have established 7 Regional Centres at Bangalore, Davanagere, Dharwad, Gulbarga, Mangalore, Shimoga and Delhi, 110 UG Study Centres, 10 B.Ed Study Centres, 08 Special B.Ed. Study Centres, 08 M.Ed. Study Centres and 403 Partner Institution Study Centres. Contact Programs are conducted regularly with the involvement of experienced staff and expertise in the concerned fields is tapped for the benefit of the students, periodically. We are proud to announce that the last year the enrollment was more than 1,00,000.



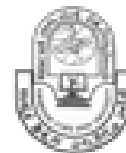
KSOU aims to be India's most progressive university. We strive to produce highly employable graduates of highest possible quality in areas of strategic importance. Since, we possess rich heritage knowledge and are reaching our boundaries of global knowledge, local knowledge and global information, we should join together and technology should be the tool as well as the means for this kind of exploration. As a student of KSOU, you can study at your place with the best self study materials and efficient media support. In both its teaching and research the University has forged strong links with the government, with business, industry and professions.

On behalf of the university, I invite your participation, in realizing a dream of making this Nation, a knowledge intensive society. I wish you all the best in your pursuit of excellence in higher education!!!

Sincerely Yours,

A handwritten signature in blue ink, which appears to be "K.S. Rangappa". The signature is fluid and cursive, with a long horizontal line extending to the right.

Prof.K.S. Rangappa
With best wishes for your career,



About The University

Introduction: The Karnataka State Open University was established on 1st June 1996 vide Karnataka Govt., Notification No. ED 1 UOV 95 dated 12th February 1996, KSOU Act 1992, keeping in view the educational needs of our country in general and the Karnataka State, in particular. It is the Eighth Open University in the country. The University is an erstwhile Institute of Correspondence Courses of Mysore University and enjoys a unique privilege of a long and rich experience in the field of Distance Education. It is also a member of the Association of Indian Universities (AIU) as well as Commonwealth Universities Association. It is recognized by Distance Education Council (DEC), Ministry of HRD, Government of India. All academic programmes are approved by DEC, New Delhi.

Objectives of Karnataka State Open University

- a) Democratizing higher education by taking it to the doorsteps of the learners.
- b) Providing access to high-quality education to all those who seek it, irrespective of age, region or formal qualifications.
- c) Offering need-based academic programmes by giving professional and vocational orientation to the courses.
- d) Promoting and developing distance education in India.
- e) Relaxed entry regulations.
- f) Providing opportunity to study at ones own pace and convenience.
- g) Flexibility in choosing the combination of courses from a wide range of disciplines.
- h) To help candidates to select the study centers, preferably of their own choice.

Special Features: The open learning System is a unique and challenging mode of education offered at the university level. This system provides ample opportunities for those who desire to have University Education at their place of work or residence. This method is popularly known as Distance Education. It is perhaps the only way to meet the ever-increasing demand for Higher Education especially in a developing country like India. Distance education programmes are specially designed for:

- a) Candidates who discontinue their formal education owing to pecuniary or other circumstances.
- b) Candidates residing in geographically remote areas.
- c) Candidate who cannot get admission to a regular college/ Post-graduate Department.
- d) Employed persons who cannot pursue their study as full-time Candidates.
- e) Individuals who wish to pursue learning for knowledge sake.
- f) Candidates who wish to update knowledge and skills.

Recognitions

The Karnataka State Open University has been recognized by the following well-known organization

1. The Distance Education Council (DEC) New Delhi,
2. Regular member of the Association of Indian Universities (AIU), Delhi,
3. Permanent member of Association of Commonwealth Universities (ACU) London UK,
4. Asian Association of Open Universities (AAOU), Beijing, China,
5. And also has association with Commonwealth of Learning (COL).

National – International Recognition

- Karnataka State Open University (KSOU) was established on 1st June 1996 with the assent of His Excellency Honorable Governor of Karnataka as a full fledged University in the academic year 1996 vide Government notification no ED 1 UOV 95 dated 12th February 1996 (KSOU Act – 1992). The Act was promulgated with the object to incorporate an Open University at the State level for the introduction and promotion of Open University and Distance Education systems in the education pattern of the State and for the Co-ordination and determination of standard of such systems.
- With the virtue of KSOU Act of 1992, Karnataka State Open University is empowered to establish, maintain or recognize Colleges, Regional Centers and Study Centers at such places in Karnataka and may also open outside Karnataka at such places as it deems fit.
- Distance Education Council (DEC), New Delhi, has accorded recognition to Karnataka State Open University, Mysore for offering Programmes / Courses approved by the Statutory bodies of the University. Karnataka State Open University is a recognized University of Distance Education Council under the aegis of Ministry of Human Resource Development (MHRD) (Revised notification F. No. DEC/OU/Recog./2008).
- Karnataka State Open University is a regular member of the Association of Indian Universities (AIU), New Delhi since 1999 (No. EV/11(80)/99/203935-4172).
- Karnataka State Open University is a permanent member of Association of Commonwealth Universities (ACU), London, United Kingdom since 1999. Its member code is: ZKASOPENUINI.
- Karnataka State Open University is a permanent member of Asian Association of Open Universities (AAOU), Beijing, China since 1999.
- Karnataka State Open University has association with Commonwealth of Learning (COL), Vancouver, Canada since 2003. COL is an intergovernmental organization created by Commonwealth Heads of Government to encourage the development and sharing of open learning / distance education knowledge, resources and technologies.



About Algot Universal Trust

Algot Universal trust was established in the year 2008 , Algot Universal Trust (AUT) operates in the area of all modes of education , be it regular , distance , correspondence or online mode.

Algot Universal Trust manages Algot School of Management and Technology (ASMT) , an International standard campus located on 23 acres of land centrally located in Gurgaon , NCR , Haryana , ASMT Gurgaon offers Industry oriented regular programmes in the area of IT , Management , Engineering and Education . Sprawling campus. The total campus strength is approximately 2000 students.

Algot Universal Trust manages Birmingham Professional College in Birmingham City in UK offering world class programmes in IT and Management .

Algot Universal has entered into agreements with various Indian Universities in the area of distance education as well as other allied services to the Universities such as content development in emerging areas programmes such as Bio Informatics , Bio Technology , Nuclear Physics and many more . In addition Algot Universal Trust also offers services to general public in the area.

- Ranking of Higher education Institution.
- Databases & directories of education institutions.
- Research & development in Industry and education.
- On the job Training (OJT) and Placement in Industry.

Algot Universal Trust has also entered into strategic agreements with several World class Universities in the area of programme development, student exchange and Faculty exchange etc.

Algot and its associate companies and Trusts manage 1600 study centres in India and abroad offering qualitative distance education.

Algot Universal Trust is the partner Institution of Esteemed Karnataka State Open University, Mysore offering certificate, diploma and UG, PG degree programmes in the area of IT, Management, Engineering, Traditional and Paramedical streams.

Academic System for the Courses

Support Services through study centers: Study centers are being set up all over the country and abroad to provide the candidates a platform to interact with counselors, other candidates and for use of the library. Candidates would be getting personal attention at these centers in addition to the hands-on-training on computers at these centers.

Program Delivery:

A multi-form of instruction has been adopted, comprising of:

- a) **Print material:** Study material for all subjects, which are supplied in the form of books
- b) **Counseling Sessions:** Will be held at Study centers, to suit the convenience of candidates.
- c) **Practical Sessions:** Will also be held at the study centers
- d) **Assignments:** For assessment, evaluation and for feedback of comprehension of study material.
- e) **Project work:** To enable the candidate to gain an insight into independent working on a practical project.

Credit System: The University follows the 'Credit System' for its under-graduate and post-graduate programmes. Each credit entails approximately 30 hours of study comprising of all activities. Thus, a 3-credit course involves 90 study hours. This helps the candidates to understand the academic efforts one has to put in suitably to complete the course.

Face to Face Program: Experiments , practical , labs and workshop intensive programmes such as Engineering are not conducive through distance education mode , hence face to face mode is introduced where a student has an opportunity to complete the theory contents of the subjects in the class rooms of the study centers through competent faculties during flexi hours or in part time mode and practical , labs , experiments and workshop assignments are completed in an Institution having the required Infrastructure For Example – An AICTE approved Engineering college or an Engineering polytechnic with whom the local study centre has an arrangement for the completion of practical content.

Instructional System: The methodology of instruction in this Open University is different from that of the conventional Universities. The Open University system is more learner-oriented, so much so, the candidate has to be invariably an active participant in the teaching-learning process. The University follows a multi-channel approach for instructions suitably comprising of the following:

- | | |
|--|--|
| a) Self-instructional Printed Material | b) Audio and Video |
| c) Website information | d) Face-to-face Counseling at study centers by Academic Counselors |
| e) Assignments | f) Field based Projects |

To start with, the courses will be delivered on Internet, conventional distance education mode and face to face mode. In due course, it will shift more and more towards on-line interaction between teacher and the taught. Skill and dexterity will be inculcated right from the beginning through interactive computer applications.

Self Instructional Material: Printed materials are the primary form of instructional materials. These are supplied to the candidates in the form of booklets. Therefore, candidates have to rely mainly upon the printed materials, which are sent to them through the study centers. The printed materials would be sufficient to the extent of about 70% to 75% to write any assignment and prepare for the term-end examinations. However, candidates are strongly advised to refer to other sources and texts, suggested under each unit in order to get a comprehensive knowledge of the subject matter.

Counseling Sessions: In distance education, face-to-face contact between the learners and their tutors/counselors is relatively less and therefore counseling is an important activity. The purpose of such a contact is to answer some of the questions and clarify doubts, which may not be possible through any other means of communication. There are experienced academic counselors at the study centers to provide counseling and guidance in the courses that are chosen for study. The candidate will be informed of the program schedule details by the study center Coordinators.

It should be noted that the counseling sessions would be very different from the classroom teaching or lectures. Counseling does not mean delivering lectures as in conventional teaching. Counselors will try to help overcome academic difficulties which one may face while going through the programmes. In these sessions one must try to resolve subject based difficulties and any other related problems.

Before the candidate attends the counseling session, he/she should go through the course material and make notes of the points to be discussed. Unless the units are gone through, there may not be much to discuss. The Coordinators of the respective study center will make the detail schedule of the counseling session known to the candidates. Usually, at least 10% of the credit hours will be earmarked for the counseling session.

Assignments: Assignments are an integral part of distance learning. The main purpose of assignments is to test the candidate's comprehension of the learning materials received from the University and also to help better comprehension the courses by providing feedback. The information given in the printed course materials should be sufficient for answering the assignments. However, the candidate may have to refer to other books and references given in the course material to have a comprehensive knowledge of the subject. But the assignments are generally designed in such a way as to help to concentrate mainly on the printed course material with a fleeting touch to other references. The candidate may also note the following points:

- a) It is compulsory to submit the assignments and will not be allowed to appear for the term-end examination of a course if one does not submit the specified number of assignments in respective courses on time.
- b) All assignments should be submitted to the respective study centers

- c) The assignment responses should be complete in all respects. Before submission the candidate should ensure that one has answered all the questions in the assignments. Incomplete answer sheets will fetch poor grades/marks.
- d) The study center has the right to reject the assignments received after due date. Hence, the candidate is advised to submit the same before the due date.
- d) A copy of the valued assignments will be returned to the candidates along with the marks/grades and the written comments, which serve as a learning exercise for the candidates.
- f) Two per cent (2%) of the evaluated Assignments by the Academic Counselors will be reviewed by the University from time to time.

Practical Training: Considerable importance is given to hands-on training on computers in this program. A set of practical exercise for subjects which need laboratory work is available at the study centers as also on the website. Candidate needs to do this practical exercise under the guidance of their study center faculty. Major part of the contact hours at the study centers will be devoted to this laboratory work.

Grading System

| Letter Grade (%) | Qualitative level | Point Grade | Percent |
|------------------|-------------------|-------------|-------------|
| A | Excellent | 5 | 80% & above |
| B | Very Good | 4 | 79 % |
| C | Good | 3 | 54-64 % |
| D | Satisfactory | 2 | 40-54 % |
| E | Unsatisfactory | 1 | Below 40 % |

Class declaration

- 80% and above - Distinction
- 64% and above but below 79% - First Class
- 54% and above but below 64% - Second Class
- 40% and above but below 54% - Third Class
- Less than 40 % - Fail

Evaluation System and Pattern of Examination

Internal and External Evaluation – Each Candidate shall be examined and evaluated internally by the study center and externally by the University in the ratio of 25:75 for undergraduate programmes and 20:80 for post graduate programmes respectively with the mandatory condition of passing in each internal as well as external evaluation with minimum of 40% marks independently.

Pattern of Examination

Theory Papers

The pattern of question paper for all university Theory Examinations will consist of two parts. Part-1 will be compulsory with objectives/short question type for 25/30 marks. Part-II will have choice and will be for 50 marks. The total will be for 75 /80 marks according to the course .

Practical Examinations

Regarding Practical Examination, the examination will include questions on all practical of that semester and candidate has to do a question which comes to him by lot. The question may be from one or more subjects of practical conducted during the semester. The question paper will be set by the University and sent to the Examination Centers. The University will also depute External Examiners to Examination Centers for conducting practical. Depending on the strength of the candidates, Study Centers may be clubbed and Practical Examinations will be held at selected Study Centers.

Project Work

Evaluation of Project Work will be carried by University appointed examiners, which may be based on any or all of the following aspects

- 1) Demonstration & Presentation of Project Work by the candidate.
- 2) Viva-Voice examination.
- 3) Evaluation of content of the Project Work.
- 4) Review of Project Progress Report submitted to Study Center/AUT/KSOU.



Examination Pattern Semester Mode

| S.No | Course | Internal Assessment | Examination | Total |
|------|--------------------------------------|---------------------|-------------|-------|
| 1 | M.Tech All Stream | 20 | 80 | 100 |
| 2 | B.Tech All Stream | 25 | 75 | 100 |
| 3 | Diploma All Stream | 25 | 75 | 100 |
| 4 | Certificate In Fire Safety | 25 | 75 | 100 |
| 5 | Diploma In Fire Safety | 25 | 75 | 100 |
| 6 | Advance Diploma In Fire Safety | 25 | 75 | 100 |
| 7 | MBA & Executive-MBA | 25 | 75 | 100 |
| 8 | BBA | 25 | 75 | 100 |
| 9 | MCA, M.Sc IT & M.Sc In Comp. Science | 25 | 75 | 100 |
| 10 | BCA, B.Sc IT & M.Sc In Comp. Science | 25 | 75 | 100 |
| 11 | DCA | 25 | 75 | 100 |
| 12 | PGDCA | 25 | 75 | 100 |
| 13 | Diploma In Hardware And Networking | 25 | 75 | 100 |
| 14 | M.Sc In Math | 20 | 80 | 100 |
| 15 | Certificate In Computer Application | 25 | 75 | 100 |
| 16 | Diploma In Hotel Management | 25 | 75 | 100 |
| 17 | Nursery Teacher Training | 25 | 75 | 100 |
| 18 | LLM | 10 | 90 | 100 |
| 19 | M.Sc In Fashion Design | 20 | 80 | 100 |
| 20 | B.Sc In Fashion Design | 25 | 75 | 100 |
| 21 | Advance Diploma In Fashion Design | 25 | 75 | 100 |
| 22 | Diploma In Fashion Design | 25 | 75 | 100 |
| 23 | B.Sc In Interior Design | 25 | 75 | 100 |
| 24 | B.Sc In PCM | 25 | 75 | 100 |
| 25 | B.Sc In PCB | 25 | 75 | 100 |
| 26 | M.Sc In Chemistry | 20 | 80 | 100 |
| 27 | M.Sc In Physics | 20 | 80 | 100 |
| 28 | M.Sc In Zoology | 20 | 80 | 100 |
| 29 | M.Sc In Botany | 20 | 80 | 100 |
| 30 | M.Sc In Environment Science | 20 | 80 | 100 |
| 31 | M.Sc In Food & Nutrition | 20 | 80 | 100 |
| 32 | M.Sc In Statistics | 20 | 80 | 100 |
| 33 | M.Sc In Micro-Biology | 20 | 80 | 100 |
| 34 | M.Sc In Geography | 20 | 80 | 100 |
| 35 | M.Sc In Mathematics | 20 | 80 | 100 |
| 36 | MBA Hospital Management | 25 | 75 | 100 |
| 37 | B.Sc In Animation And Multimedia | 25 | 75 | 100 |
| 38 | M.Sc In Animation And Multimedia | 20 | 80 | 100 |
| 39 | Diploma In Animation | 25 | 75 | 100 |
| 40 | Diploma In Architecture | 25 | 75 | 100 |
| 41 | MBA(Industry Integrated) | 25 | 75 | 100 |
| 42 | BBA(Industry Integrated) | 25 | 75 | 100 |



Comprehensive list of courses

Face to Face programme

| S.No | Course Code | Name of Course | Eligibility | Minimum Duration | Maximum Duration | Total No. of Credits | Course Fees |
|------|-------------|--|--|------------------|------------------|----------------------|-------------|
| 1 | MTCS | M.Tech in Computer Science | B.Tech/B.E in Relevant subject/MCA/MSCIT/ M.Sc. CS | 4 Sem. | 8 sem | 72 | 15000 |
| 2 | MTTE | M.Tech in Telecom | B.Tech /B.E in Relevant Subject | 4 Sem. | 8 Sem. | 72 | 15000 |
| 3 | MTEC | M.Tech in Electronics & Telecommunication | B.Tech/B.E in Relevant Subject/ M.Sc Electronic & Communication/M.Sc Physics/M.Sc Electrical | 4 Sem. | 8 Sem. | 72 | 15000 |
| 4 | MTME | M.Tech in Mechanical | B.Tech /B.E in Relevant Subject | 4 Sem. | 8 Sem. | 72 | 15,000 |
| 5 | MTCE | M.Tech in Civil | B.Tech /B.E in Relevant Subject | 4 Sem. | 8 Sem. | 72 | 15,000 |
| 6 | MTEE | M.Tech in Electrical | B.Tech /B.E in Relevant Trade /M.Sc Electronic & Communication/M.Sc Electrical/ M.Sc Physics | 4 Sem. | 8 Sem. | 72 | 15,000 |
| 7 | MTCH | M.Tech in Chemical | B.Tech/B.E in Relevant Subject/ M.Sc Chemistry | 4 Sem. | 8 Sem. | 72 | 15,000 |
| 8 | MTMH | M.Tech in Mathematics | B.Tech/B.E/M.Sc Math | 4 Sem. | 8 Sem. | 72 | 15,000 |
| 9 | MTPH | M.Tech in Physics | B.Tech /B.E/M.Sc Physics | 4 Sem. | 8 Sem. | 72 | 15,000 |
| 10 | MTIT | M.Tech - IT | BE/B.Tech/AMIE in any discipline or MCA/M.Sc (CS/IT)/MCM or M.Sc with Mathematics as major, DOEACC 'B' level | 4 Sem. | 8 Sem. | 72 | 9000 |
| 11 | BTCH | B.Tech - Chemical | 10+2(PCM) | 8 Sem. | 16 Sem. | 144 | 12,500 |
| 12 | BTCE | B.Tech - Civil | 10+2(PCM) | 8 Sem. | 16 Sem. | 144 | 12,500 |
| 13 | BTEE | B.Tech - Electrical | 10+2(PCM) | 8 Sem. | 16 Sem. | 144 | 12,500 |
| 14 | BTCS | B.Tech - Computer Science | 10+2(PCM) | 8 Sem. | 16 Sem. | 144 | 12,500 |
| 15 | BTET | B.Tech - Electronics and Telecommunication | 10+2(PCM) | 8 Sem. | 16 Sem. | 144 | 12,500 |
| 16 | BTME | B.Tech in Mechanical | 10+2(PCM) | 8 Sem. | 16 Sem. | 144 | 12,500 |
| 17 | BTAE | B.Tech - Aeronautics | 10+2(PCM) | 8 Sem. | 16 Sem. | 144 | 12,500 |
| 18 | BTIT | B.Tech - IT | 10+2(PCM) | 8 Sem. | 16 Sem. | 144 | 12,500 |
| 19 | BTAT | B.Tech - Automobile | 10+2(PCM) | 8 Sem. | 16 Sem. | 144 | 12,500 |
| 20 | DME | Diploma in Mechanical Engineering | 10th with Maths | 6 Sem. | 12 Sem. | 99 | 10,000 |
| 21 | DEE | Diploma in Electrical Engineering | 10th with Maths | 6 Sem. | 12 Sem. | 99 | 10,000 |

| | | | | | | | |
|----|------|--|-----------------------------|--------|---------|----|--------|
| 22 | DECE | Diploma in Electronics & Communication Engineering | 10th with Maths | 6 Sem. | 12 Sem. | 99 | 10,000 |
| 23 | DCE | Diploma in Civil Engineering | 10th with Maths | 6 Sem. | 12 Sem. | 99 | 10,000 |
| 24 | DCS | Diploma in Computer Science | 10th with Maths | 6 Sem. | 12 Sem. | 99 | 10,000 |
| 25 | DAE | Diploma in Automobile | 10th with Maths | 6 Sem. | 12 Sem. | 99 | 10,000 |
| 26 | DCH | Diploma in Chemical | 10th with Maths | 6 Sem. | 12 sem. | 99 | 10,000 |
| 27 | DARC | Diploma in Architecture | 10th with Math | 6 Sem | 12 Sem | 99 | 6000 |
| 28 | CFS | Certificate in Fire Safety | 10th Standard or Equivalent | 1 Sem. | 2 Sem. | 20 | 5000 |
| 29 | DFS | Diploma in Fire safety | 10+2 | 2sem | 4sem | 40 | 6000 |
| 30 | ADFS | Advance Diploma in Fire Safety | 10+2 | 4 sem | 8 sem | 80 | 6500 |

Courses in Face to Face mode as well Distance Mode

| S. No | Course code | Course Name | Eligibility | Minimum Duration | Maximum Duration | Credits | Face to face mode Course fees | Distance mode Course fees |
|-------|-------------|-------------------------------------|--|------------------|------------------|---------|-------------------------------|---------------------------|
| 1 | MBA | MBA | Graduation | 4 Sem | 8Sem | 125 | 10000 | 10000 |
| 2 | MBAHM | MBA Hospital Management | Graduation | 4 Sem | 8 Sem | 125 | 10000 | 10000 |
| 3 | MBA11 | MBA (Industry Integrated) | Graduation | 4 Sem | 8 Sem | 125 | 10000 | 10000 |
| 4 | Exe - MBA | Executive MBA | Graduation +3 yrs work Experience/ Diploma 3 years+5 year work Experience | 2 Sem | 4 Sem | 92 | 10000 | 10000 |
| 5 | BBA | Bachelor in Business Administration | 10+2 | 6 Sem | 12 Sem | 100 | 10000 | 10000 |
| 6 | BBA11 | BBA (Industry Integrated) | 10+2 or Equivalent | 6 Sem | 12 Sem | 100 | 10000 | 10000 |
| 7 | MCA | MCA | Graduation | 6 Sem | 12 Sem | 108 | 8000 | 8000 |
| 8 | MSCIT | M.Sc IT | Graduation | 4 Sem | 8 Sem | 73 | 8000 | 8000 |
| 9 | MSCS | M.Sc in Computer Science | Graduation | 4 Sem | 8 Sem | 73 | 8000 | 8000 |
| 10 | MSMH | M.Sc Math | B.A Math/B.Sc Math | 4 Sem | 8 Sem | 70 | 5000 | 5000 |
| 11 | BCA | BCA | 10+2 | 6 Sem | 12 Sem | 100 | 8000 | 8000 |
| 12 | BSIT | B.Sc –IT | 10+2 | 6 Sem | 12 Sem | 100 | 8000 | 8000 |
| 13 | BSCS | B.Sc in Computer Science | 10+2 | 6 Sem | 12 Sem | 100 | 6000 | 6000 |



| | | | | | | | | |
|----|--------|-------------------------------------|---|-------|--------|-----|------|------|
| 14 | PGDCA | PGD in Computer Application | Graduation | 2 Sem | 4 Sem | 40 | 7500 | 7500 |
| 15 | DCA | Diploma in Computer Application | 10+2 | 2 Sem | 4 Sem | 40 | 5000 | 5000 |
| 16 | DHN | Diploma in Hardware and Networking | 10+2 | 2Sem | 4Sem | 40 | 5000 | 5000 |
| 17 | CCA | Certificate in Computer Application | 10th Standard or Equivalent | 1 Sem | 2Sem | 20 | 4000 | 4000 |
| 18 | DHM | Diploma in Hotel Management | 10+2 | 2 Sem | 4 Sem | 40 | 6000 | 6000 |
| 19 | NTT | Nursery Teacher Training | 10th or Equivalent | 2 Sem | 4 Sem | 40 | 4500 | 4500 |
| 20 | LLM | LLM | LLB | 4 Sem | 8 Sem | 80 | 8000 | 8000 |
| 21 | MSCFD | M.Sc in Fashion Design | Graduation with Cognitive Subject | 4 Sem | 8 Sem | 80 | 5000 | 5000 |
| 22 | BSCFD | B.Sc in Fashion Design | 12th or Equivalent | 6 Sem | 12 Sem | 100 | 6000 | 6000 |
| 23 | ADFD | Advance Diploma in Fashion Design | 12th | 4 Sem | 8 Sem | 70 | 6000 | 6000 |
| 24 | DFD | Diploma in Fashion Design | 10th | 2 Sem | 4 Sem | 40 | 6000 | 6000 |
| 25 | BSCID | B.Sc in Interior Design | 10+2 or Equivalent | 6 Sem | 12 Sem | 100 | 6000 | 6000 |
| 26 | BSCPCM | B.Sc in PCM | 10+2 PCM | 6 Sem | 12 Sem | 100 | 3000 | 3000 |
| 27 | BSCPCB | B.Sc in PCB | 10+2 PCB | 6 Sem | 12 Sem | 100 | 3000 | 3000 |
| 28 | MSCH | M.Sc in Chemistry | B.Sc in Relevant Subject | 4 Sem | 8 Sem | 70 | 2500 | 2500 |
| 29 | MSPHY | M.Sc in Physics | B.Sc in Relevant Subject | 4 Sem | 8 Sem | 70 | 2500 | 2500 |
| 30 | MSZOO | M.Sc in Zoology | B.Sc in Relevant Subject | 4 Sem | 8 Sem | 70 | 2500 | 2500 |
| 31 | MSBOT | M.Sc in Botany | Bsc in Relevant Subject | 4 Sem | 8 Sem | 70 | 2500 | 2500 |
| 32 | MSES | M.Sc in Environment Science | B.Sc in Science | 4 Sem | 8 Sem | 70 | 2500 | 2500 |
| 33 | MSFN | M.Sc in Food & Nutrition | B.Sc PCB/Home Science/B.Sc Relevant Subject | 4 Sem | 8 Sem | 70 | 2500 | 2500 |
| 34 | MSST | M.Sc in Statistics | Bsc in Relevant Subject | 4 Sem | 8 Sem | 70 | 2500 | 2500 |
| 35 | MSMB | M.Sc in Micro-Biology | B.Sc in Relevant Subject | 4 Sem | 8 Sem | 70 | 2500 | 2500 |
| 36 | MSCG | M.Sc in Geography | B.Sc with relevant subject | 4 Sem | 8 Sem | 70 | 5000 | 5000 |
| 37 | BSAM | B.Sc in Animation and Multimedia | 10+2 or Equivalent | 6 Sem | 12 Sem | 100 | 6000 | 6000 |

| | | | | | | | | |
|----|------|----------------------------------|----------------------------------|-------|--------|----|------|------|
| 38 | MSAM | M.Sc in Animation and Multimedia | B.Sc in Animation and Multimedia | 4 Sem | 8 Sem | 70 | 8000 | 8000 |
| 39 | DAN | Diploma in Animation | 10Th with Math | 6 Sem | 12 Sem | 99 | 6000 | 6000 |

Examination Fee

| S.NO | Course Fees | Examination Fees | |
|------|-------------------------------------|------------------|--------------|
| 1 | M.Tech (All Stream) | 2000 | Per Semester |
| 2 | B.Tech (All Stream) | 1200 | Per Semester |
| 3 | Diploma (All Stream) | 1200 | Per Semester |
| 4 | MBA | 2000 | Per Semester |
| 5 | Ex-MBA | 2000 | Per Semester |
| 6 | BBA | 1200 | Per Semester |
| 7 | Master In Computer Application | 2000 | Per Semester |
| 8 | M.Sc IT/CS | 2000 | Per Semester |
| 9 | Bachelor In Computer Application | 1200 | Per Semester |
| 10 | B.Sc IT/CS | 1200 | Per Semester |
| 11 | PGD In Computer Application (PGDCA) | 2000 | Per Semester |
| 12 | Diploma In Computer Application | 1200 | Per Semester |
| 13 | Diploma In Hardware And Networking | 1200 | Per Semester |
| 14 | Certificate In Computer Application | 600 | Per Semester |
| 15 | Nursery Teachers Training | 700 | Per Semester |
| 16 | Diploma In Hotel Management | 700 | Per Semester |
| 17 | Advance Diploma In Fire Safety | 700 | Per Semester |
| 18 | Certificate In Fire Safety | 600 | Per Semester |
| 19 | LLM | 1500 | Per Semester |
| 20 | M.Sc Maths | 1500 | Per Semester |
| 21 | B.Sc in Fashion Design | 1000 | Per Semester |
| 22 | M.Sc in Fashion Design | 1500 | Per Semester |
| 23 | Advance Diploma in Fashion Design | 700 | Per Semester |
| 24 | Diploma in Fashion Design | 700 | Per Semester |
| 25 | B.Sc in Interior Design | 1000 | Per Semester |
| 26 | B.Sc in PCM | 500 | Per Semester |
| 27 | B.Sc in PCB | 500 | Per Semester |
| 28 | M.Sc in Chemistry | 750 | Per Semester |
| 29 | M.Sc in Physics | 750 | Per Semester |
| 30 | M.Sc in Zoology | 750 | Per Semester |
| 31 | M.Sc in Botany | 750 | Per Semester |
| 32 | M.Sc in Environment Science | 750 | Per Semester |
| 33 | M.Sc in Food & Nutrition | 1500 | Per Semester |



| | | | |
|----|----------------------------------|------|--------------|
| 34 | M.Sc in Statistics | 750 | Per Semester |
| 35 | M.Sc in Micro-Biology | 750 | Per Semester |
| 36 | M.Sc in Geography | 1500 | Per Semester |
| 37 | MBA (Hospital Management) | 2000 | Per Semester |
| 38 | B.Sc in Animation and Multimedia | 1000 | Per Semester |
| 39 | M.Sc in Animation and Multimedia | 1500 | Per Semester |
| 40 | Diploma in Animation | 700 | Per Semester |
| 41 | Diploma in Architecture | 700 | Per Semester |

Fee Other Than Course Fee

| | | |
|---|--|----------|
| 1 | Registration Fee one time | 500/- |
| 2 | Eligibility Fee (NRI / Foreign Students) | 15,000/- |
| 3 | Penal Fee | 200/- |

All KSOU fees to be paid (i.e 25%) in DD favour of Finance officer, KSOU payable at Mysore. All Algot Universal trust fees to be paid (i.e 75%) in DD favour of Algot universal trust payable at New Delhi.

Lateral Entry Programmes and respective Eligibility :

Lateral Entry to the following programmes is available subject to the mentioned eligibility conditions :

| Sr. No. | Name of Course | Lateral Entry | Eligibility |
|---------|--------------------------------|---------------|--|
| 1. | Diploma Engineering | 3rd Sem | 10+2(PCM)/I.T.I / 2 years Vocational Course. Revelent Subject / 3 year Apprenticeship. |
| 2. | B.Tech | 3rd Sem | 10th with 3 year Diploma in any branch of Engineering from State/Central Govt. recognized Technical Board / Institution / University. or B.Sc. PCM / B.Sc. Math. |
| 3. | BBA | 3rd Sem | 10+2 + 1 year Diploma in Business Administration |
| 4. | BCA/B.Sc IT/B.Sc CS | 3rd Sem | 10 + 2 + 1 year Computer Application / 10+3 year Polytechnic Diploma + 6 month computer Application. |
| 5. | MCA | 3rd Sem | Graduation with computers /BCA/B. Sc. CS/B. Sc. IT /B.Tech-IT/CS/Graduation + 1 year PG Diploma in Computer/PGDIT /DOEACC 'A' level |
| 6. | MCA | 5th Sem | M.Sc - IT/M.Sc CS or 2 Yrs ADIT from any recognized University |
| 7. | M.Sc-IT/M.Sc CS | 3rd Sem | Graduation with Computer / BCA/B. Sc. CS / IT/PGDCA / PGDIT / DOEACC 'A' level / B.Tech in (C.S / IT) |
| 8. | Advance Diploma in Fire Safety | 3rd Sem | 10+2 + Diploma in Fire Safety |
| 9. | B.Sc in Fashion Design | 3rd Sem | 10+2+One year Diploma in Fashion Design/10+3 year Polytechnic Diploma in Fashion Design |
| 10. | B.Sc in Interior Design | 3rd Sem | 10+2+One year Diploma in Interior Design |

| | | | |
|-----|----------------------------------|---------|---|
| 11. | B.Sc in Animation and Multimedia | 3rd Sem | 10+2+One year Diploma Animation and Multimedia |
| 12. | M.Sc in Fashion Design | 3rd Sem | B.Sc Fashion Design+One year PG Diploma in Fashion Design |
| 13. | M.Sc in Animation and Multimedia | 3rd Sem | B. Sc Animation and Multimedia+One year PG Diploma in Animation |

Credit System for students from other universities

The student who is doing similar courses from a recognized University/Board of Education will be allowed to join the next semester for the same course but in such case the student shall be appearing for the papers which were not covered in the previous semester or the deficient papers

The student seeking admission in the next semester from the other University shall pay the course Fee not later than the Date announced in the particular Academic Year. Details of the payment of fee may be obtained from the respective study centers or from the University directly.

Programme Structure



M. Tech in Computer (MTCS)

Course Name: M.Tech in Computer

Duration of Course: 2 Years

Eligibility: B.Tech/B.E in Relevant subject / M.Sc CS / M.Sc IT / MCA

First Semester

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--|---------|---------------------|-------------|-------|
| MFCO1 | Data Structures Object Representation | 4 | 20 | 80 | 100 |
| MFCO2 | Advanced Computer System Architecture | 4 | 20 | 80 | 100 |
| MFCO3 | Design and Analysis of Algorithm | 3 | 20 | 80 | 100 |
| MFCO4 | Pattern Recognition and Application | 3 | 20 | 80 | 100 |
| MFCO1P | Data Structure and Object Representation Practical | 2 | | 100 | 100 |

Second Semester

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|----------------------------------|---------|---------------------|-------------|-------|
| MFCO5 | Advanced Operating System | 4 | 20 | 80 | 100 |
| MFCO6 | Computer Communication Network | 4 | 20 | 80 | 100 |
| MFCO7 | Neural Network and Application | 3 | 20 | 80 | 100 |
| MFCO8 | Parallel Processing | 3 | 20 | 80 | 100 |
| MFCO6P | Computer Comm. Network Practical | 2 | | 100 | 100 |

Third Semester

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--|---------|---------------------|-------------|-------|
| MSCO1 | Automation Engineering | 4 | 20 | 80 | 100 |
| MSCO2 | Mobile Computing | 4 | 20 | 80 | 100 |
| MSCO3 | Fuzzy Set Theory & Application | 3 | 20 | 80 | 100 |
| MSCO4 | Design Principles of Language Translator | 3 | 20 | 80 | 100 |
| MSCO2P | Mobile Computing Practical | 2 | | 100 | 100 |

Fourth Semester

| Specialization | | | | | |
|-------------------|------------------------|---|----|----|-----|
| Multimedia | | | | | |
| MSMM01 | Interactive Multimedia | 4 | 20 | 80 | 100 |



| | | | | | |
|---|--|----|----|-----|-----|
| MSMM02 | Web Programming | 4 | 20 | 80 | 100 |
| MSMM03 | Programming Microsoft ASP.NET | 4 | 20 | 80 | 100 |
| MSMM04 | Project | 12 | | 100 | 100 |
| Object Oriented Software Development | | | | | |
| MSDB01 | Java 2 Programming | 4 | 20 | 80 | 100 |
| MSDB02 | Oracle 9I Database | 4 | 20 | 80 | 100 |
| MSDB03 | Database Design Development and Deployment | 4 | 20 | 80 | 100 |
| MSDB04 | Project | 12 | | 100 | 100 |
| VLSI Design | | | | | |
| MSVD01 | Embedded System Design | 4 | 20 | 80 | 100 |
| MSVD02 | Digital VLSI Design | 4 | 20 | 80 | 100 |
| MSVD03 | Verilog Hardware Description Language | 4 | 20 | 80 | 100 |
| MSVD04 | Project | 12 | | 100 | 100 |

M. Tech in Telecom (MTTE)

Course Name: M.Tech in Telecom

Duration of Course: 2 years

Eligibility: BTech / B.E in relevant subject

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|-------------------------------|---------|---------------------|-------------|-------|
| MFTE1 | Distributed Computing | 4 | 20 | 80 | 100 |
| MFTE2 | Electromagnetic Theory | 4 | 20 | 80 | 100 |
| MFTE3 | Advanced Circuits and Systems | 4 | 20 | 80 | 100 |
| MFTE4 | Telecommunication Switching | 4 | 20 | 80 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--|---------|---------------------|-------------|-------|
| MFTE5 | Computational Intelligence | 4 | 20 | 80 | 100 |
| MFTE6 | Advanced Digital Signal Processing | 4 | 20 | 80 | 100 |
| MFTE7 | Advanced Instrumentation and System Design | 4 | 20 | 80 | 100 |
| MFTE8 | Embedded and Real - Time Systems | 4 | 20 | 80 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--|---------|---------------------|-------------|-------|
| MSTE1 | Digital Communication Network | 4 | 20 | 80 | 100 |
| MSTE2 | Electronic and Photonic Devices and Components | 4 | 20 | 80 | 100 |
| MSTE3 | Microelectronics Technology | 4 | 20 | 80 | 100 |
| MSTE4 | Micro and Nanoelctromechnical System | 4 | 20 | 80 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--|---------|---------------------|-------------|-------|
| MSTE5 | Advanced Digital Integrated Circuit Design | 3 | 20 | 80 | 100 |
| MSTE6 | Quantum and Nanoelectronic Devices and Systems | 3 | 20 | 80 | 100 |
| VLS1 | Vlsi Architecture and Design Methodologies | 3 | 20 | 80 | 100 |
| MSTE8 | Advanced Digital Control System | 3 | 20 | 80 | 100 |
| | Project | 12 | | 100 | 100 |

M. Tech in Electronics & Telecommunication (MTEC)

Course Name: M.Tech in Electronics and Telecommunication

Duration of Course: 2 Years

Eligibility: B.Tech/B.E in Relevant subject / M.Sc Electronic Communication / M.Sc Physics / M.Sc Electrical

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|---|---------|---------------------|-------------|-------|
| MFET1 | Semiconductor Devices and Modelling | 4 | 20 | 80 | 100 |
| MFET2 | VISI Technology and Process Modeling | 4 | 20 | 80 | 100 |
| MFET3 | Modern Digital Communication Technology | 3 | 20 | 80 | 100 |
| MFET4 | Digital Voice and Picture Communication | 3 | 20 | 80 | 100 |
| MFET1P | Semiconductor Devices and Modelling Practical | 2 | | 100 | 100 |



Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--------------------------------------|---------|---------------------|-------------|-------|
| MFET5 | Solid State Circuits | 4 | 20 | 80 | 100 |
| MFET6 | Digital Circuits & Systems | 4 | 20 | 80 | 100 |
| MFET7 | Optimal Control | 3 | 20 | 80 | 100 |
| MFET8 | Satellite Communication System | 3 | 20 | 80 | 100 |
| MFET6P | Digital Circuits & Systems Practical | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|---|---------|---------------------|-------------|-------|
| MSET1 | Digital Signal Processing | 4 | 20 | 80 | 100 |
| MSET2 | Digital Image Processing | 4 | 20 | 80 | 100 |
| MSET3 | Optical Communication Systems | 3 | 20 | 80 | 100 |
| MSET4 | Telecommunication Switching and Network | 3 | 20 | 80 | 100 |
| MSET4P | Telecomm. Switching and Network Practical | 2 | | 100 | 100 |

Semester 4th

| Specialization | | | | | |
|--|--|----|----|-----|-----|
| Communication System | | | | | |
| MSCS01 | Communication System | 4 | 20 | 80 | 100 |
| MSCS02 | Radar System | 4 | 20 | 80 | 100 |
| MSCS03 | Wireless Communication | 4 | 20 | 80 | 100 |
| MSCS04 | Project | 12 | | 100 | 100 |
| Control & Instrumentation | | | | | |
| MSCI01 | Industrial Instrumentation and Control | 4 | 20 | 80 | 100 |
| MSCI02 | Digital Control and State Variable Methods | 4 | 20 | 80 | 100 |
| MSCI03 | Electronic Instruments and Systems | 4 | 20 | 80 | 100 |
| MSCI04 | Project | 12 | | 100 | 100 |
| Digital VLSI Design | | | | | |
| MSVD01 | Embedded System Design | 4 | 20 | 80 | 100 |
| MSVD02 | Digital VLSI Design | 4 | 20 | 80 | 100 |
| MSVD03 | Verilog Hardware Description Language | 4 | 20 | 80 | 100 |
| MSVD04 | Project | 12 | | 100 | 100 |
| Microwave & Optical Communication | | | | | |
| MSMOC01 | Microwave | 4 | 20 | 80 | 100 |

| | | | | | |
|--|--|----|----|-----|-----|
| MSMOC02 | Optical Electronics and Fiber Optics Communication | 4 | 20 | 80 | 100 |
| MSMOC03 | Communication System | 4 | 20 | 80 | 100 |
| MSMOC04 | Project | 12 | | 100 | 100 |
| Multimedia | | | | | |
| MSMM01 | Interactive Multimedia | 4 | 20 | 80 | 100 |
| MSMM02 | Web Programming | 4 | 20 | 80 | 100 |
| MSMM03 | Programming Microsoft ASP.Net | 4 | 20 | 80 | 100 |
| MSMM04 | Project | 12 | | 100 | 100 |
| Power System | | | | | |
| MSPE01 | Electrical Power System Design | 4 | 20 | 80 | 100 |
| MSPE02 | Power System Analysis and Dynamics | 4 | 20 | 80 | 100 |
| MSPE03 | Power System Reliability | 4 | 20 | 80 | 100 |
| MSPE04 | Project | 12 | | 100 | 100 |
| VLSI Design and Embedded System | | | | | |
| MSVD01 | Embedded System Design | 4 | 20 | 80 | 100 |
| MSVD02 | Digital VLSI Design | 4 | 20 | 80 | 100 |
| MSVD03 | Verilog Hardware Description Language | 4 | 20 | 80 | 100 |
| MSVD04 | Project | 12 | | 100 | 100 |

M. Tech in Mechanical (MTME)

Course Name: M.Tech in Mechanical

Duration of Course: 2 Years

Eligibility: B.Tech/B.E in Relevant subject

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--------------------------------------|---------|---------------------|-------------|-------|
| MFM1 | Machine Vibration Analysis | 4 | 20 | 80 | 100 |
| MFM2 | Advanced Mechanics of Solids | 4 | 20 | 80 | 100 |
| MFM3 | Concurrent Engineering | 3 | 20 | 80 | 100 |
| MFM4 | Management of Technology | 3 | 20 | 80 | 100 |
| MFM1P | Machine Vibration Analysis Practical | 2 | | 100 | 100 |



Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---|---------|---------------------|-------------|-------|
| MFM5 | Applied Elasticity | 4 | 20 | 80 | 100 |
| MFM6 | Finite Elements Methods In Engineering | 4 | 20 | 80 | 100 |
| MFM7 | Mechanical Estimating & Costing | 3 | 20 | 80 | 100 |
| MFM8 | Materials Mgmt. & Materials Handling | 3 | 20 | 80 | 100 |
| MFM7P | Mechanical Estimating & Costing Practical | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---|---------|---------------------|-------------|-------|
| MSM1 | Jig and Fixtures Design | 4 | 20 | 80 | 100 |
| MSM2 | Mechatronics | 4 | 20 | 80 | 100 |
| MSM3 | Industrial Automation | 3 | 20 | 80 | 100 |
| MSM4 | Quality Control and Reliability Engineering | 3 | 20 | 80 | 100 |
| MSM1P | Jig and Fixtures Design Practical | 2 | | 100 | 100 |

Semester 4th

| Specialization | | | | | |
|-----------------------|---|----|----|-----|-----|
| Mechanical Design | | | | | |
| MSMD01 | Thermal System Design | 4 | 20 | 80 | 100 |
| MSMD02 | Design of Machinery | 4 | 20 | 80 | 100 |
| MSMD03 | Mechanical Engineering Design | 4 | 20 | 80 | 100 |
| MSMD04 | Project | 12 | | 100 | 100 |
| Production Technology | | | | | |
| MSPT01 | Metal Forming Technology | 4 | 20 | 80 | 100 |
| MSPT02 | Machine Tool Design | 4 | 20 | 80 | 100 |
| MSPT03 | Cad/Cam | 4 | 20 | 80 | 100 |
| MSPT04 | Project | 12 | | 100 | 100 |
| Thermal Engineering | | | | | |
| MST01 | Advanced Thermodynamics | 4 | 20 | 80 | 100 |
| MST02 | Refrigeration and Air Conditioning Technology | 4 | 20 | 80 | 100 |
| MST03 | Steam and Gas Turbines | 4 | 20 | 80 | 100 |
| MST04 | Project | 12 | | 100 | 100 |

M. Tech in Civil (MTCE)

Course Name: M.Tech in Civil

Duration of Course: 2 Years

Eligibility: B.Tech/B.E in Relevant subject

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---|---------|---------------------|-------------|-------|
| MFC1 | Numerical Methods In Civil Engineering | 4 | 20 | 80 | 100 |
| MFC2 | Applied Elasticity & Plasticity | 4 | 20 | 80 | 100 |
| MFC3 | Behaviour & Design of Reinforced Concrete Structure | 3 | 20 | 80 | 100 |
| MFC4 | Pavement Material | 3 | 20 | 80 | 100 |
| MFC3P | Behaviour & Design of Reinforced Concrete Structure Practical | 2 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--|---------|---------------------|-------------|-------|
| MFC5 | Advanced Structural Analysis | 4 | 20 | 80 | 100 |
| MFC6 | Geotechnical Engineering | 4 | 20 | 80 | 100 |
| MFC7 | Finite Element Method In Engg. | 3 | 20 | 80 | 100 |
| MFC8 | Highway Engineering | 3 | 20 | 80 | 100 |
| MFC5P | Advanced Structural Analysis Practical | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|--------------------------------|---------|---------------------|-------------|-------|
| MSC1 | Prestressed Concrete | 4 | 20 | 80 | 100 |
| MSC2 | High Rise Structures | 4 | 20 | 80 | 100 |
| MSC3 | Planning & Design of Airports | 3 | 20 | 80 | 100 |
| MSC4 | Transportation System Planning | 3 | 20 | 80 | 100 |
| MSC5 | Prestressed Concrete Practical | 2 | | 100 | 100 |



Semester 4th

| Specialization | | | | | |
|---|--|----|----|-----|-----|
| Highway & Transportation Engineering | | | | | |
| MSHW01 | Highway Engineering Economics | 4 | 20 | 80 | 100 |
| MSHW02 | Highway Engineering & Design | 4 | 20 | 80 | 100 |
| MSHW03 | Highway Maintenance and Management System | 4 | 20 | 80 | 100 |
| MSHW04 | Project | 12 | | 100 | 100 |
| Hydrology & Water Resourced Engineering | | | | | |
| MSHWR01 | Irrigation and Water Resourced Engineering | 4 | 20 | 80 | 100 |
| MSHWR02 | Water Resourced System & Planning | 4 | 20 | 80 | 100 |
| MSHWR03 | Hydrology | 4 | 20 | 80 | 100 |
| MSHWR04 | Project | 12 | | 100 | 100 |
| Structural Engineering | | | | | |
| MSS01 | Design of Industrial Structures & Bridges | 4 | 20 | 80 | 100 |
| MSS02 | Design of Hydraulic Structures | 4 | 20 | 80 | 100 |
| MSS03 | Plastic Analysis of Metallic Structures | 4 | 20 | 80 | 100 |
| MSS04 | Project | 12 | | 100 | 100 |

M. Tech in Electrical (MTEE)

Course Name: M.Tech in Electricals

Duration of Course: 2 Years

Eligibility: B.Tech/B.E in Relevant Trade / M.Sc Electronic Communication / M.Sc Physics / M.Sc Electrical

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|----------------------------|---------|---------------------|-------------|-------|
| MFE1 | Machine Drives | 4 | 20 | 80 | 100 |
| MFE2 | Power Electronic Converter | 4 | 20 | 80 | 100 |
| MFE3 | Control Theory | 3 | 20 | 80 | 100 |
| MFE4 | Ehv Transmission | 3 | 20 | 80 | 100 |
| MFE1P | Machine Drives Practical | 2 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---|---------|---------------------|-------------|-------|
| MFE5 | Electrical Engg.& Practices | 4 | 20 | 80 | 100 |
| MFE6 | Power Electronics | 3 | 20 | 80 | 100 |
| MFE7 | Electrical Design, Estimating & Costing | 4 | 20 | 80 | 100 |
| MFE8 | Computer Aided Analysis of E.P.S | 3 | 20 | 80 | 100 |
| MFE6P | Power Electronics Practical | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------------|---------|---------------------|-------------|-------|
| MSE1 | Machine Analysis | 4 | 20 | 80 | 100 |
| MSE2 | Optimal Control | 4 | 20 | 80 | 100 |
| MSE3 | Advanced Control Theory | 3 | 20 | 80 | 100 |
| MSE4 | Power System Protection | 3 | 20 | 80 | 100 |
| MSE5 | Optimal Control Practical | 2 | | 100 | 100 |

Semester 4th

| Specialization | | | | | |
|---------------------------|--|----|----|-----|-----|
| Control & Instrumentation | | | | | |
| MSCI01 | Industrial Instrumentation and Control | 4 | 20 | 80 | 100 |
| MSCI02 | Digital Control and State Variable Methods | 4 | 20 | 80 | 100 |
| MSCI03 | Electronic Instruments and System | 4 | 20 | 80 | 100 |
| MSCI04 | Project | 12 | | 100 | 100 |
| Power System Control | | | | | |
| MSPS01 | Electrical Power System Design | 4 | 20 | 80 | 100 |
| MSPS02 | Power System Analysis and Dynamics | 4 | 20 | 80 | 100 |
| MSPS03 | Power System Reliability | 4 | 20 | 80 | 100 |
| MSPS04 | Project | 12 | | 100 | 100 |



M. Tech Chemical (MTCH)

Course Name: M.Tech Chemical

Duration of Course: 2 yrs

Eligibility: B.Tech/B.E in relevant subject / Msc Chemistry

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---|---------|---------------------|-------------|-------|
| MTCH101 | Process Integration | 4 | 20 | 80 | 100 |
| MTCH102 | Piping Design | 4 | 20 | 80 | 100 |
| MTCH103 | Advanced Process Equipment Design | 4 | 20 | 80 | 100 |
| MTCH104 | Advanced Separation Techniques | 4 | 20 | 80 | 100 |
| MTCH105 | Chemical Process Economics & Management | 4 | 20 | 80 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| MTCH201 | Communication Skill For Engineers | 4 | 20 | 80 | 100 |
| MTCH202 | Process and Product Development | 4 | 20 | 80 | 100 |
| MTCH203 | Environment and Safety in Process Industries | 4 | 20 | 80 | 100 |
| MTCH204 | Practical | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--------------------------------|---------|---------------------|-------------|-------|
| MTCH1 | Advanced Catalytic Engineering | 4 | 20 | 80 | 100 |
| MTCH2 | Fluidization Engineering | 4 | 20 | 80 | 100 |
| MTCH3 | Process Plant Simulation | 4 | 20 | 80 | 100 |
| MTCH4 | Practical | 2 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---------------------------------------|---------|---------------------|-------------|-------|
| MTCH5 | Advanced Process Control | 4 | 20 | 80 | 100 |
| MTCH6 | Advanced Petroleum Refining Processes | 4 | 20 | 80 | 100 |
| MTCH7 | Advanced Process Optimisation | 4 | 20 | 80 | 100 |
| MTCH8 | Project | 12 | | 100 | 100 |

M. Tech in Mathematics (MTMH)

Course Name: M.Tech Mathematics

Duration of Course: 2 years

Eligibility: B.Tech / BE / M.Sc Math

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--------------------|---------|---------------------|-------------|-------|
| MTMH101 | Linear Algebra | 4 | 20 | 80 | 100 |
| MTMH102 | C-Programming | 3 | 20 | 80 | 100 |
| MTMH103 | Operating Systems | 3 | 20 | 80 | 100 |
| MTMH104 | Algebra | 3 | 20 | 80 | 100 |
| MTMH105 | Numerical Analysis | 3 | 20 | 80 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---|---------|---------------------|-------------|-------|
| MTMH201 | Foundation of Anaysis | 4 | 20 | 80 | 100 |
| MTMH202 | Complex Analysisprocess and Product Development | 4 | 20 | 80 | 100 |
| MTMH203 | Advanced Catalytic Engineering | 4 | 20 | 80 | 100 |
| MTMH204 | Process Plant Simulation | 4 | 20 | 80 | 100 |
| MTMH205 | Environment and Safety in Process Industries | 4 | 20 | 80 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|-----------------------------------|---------|---------------------|-------------|-------|
| MTMH301 | Discrete Mathematics | 4 | 20 | 80 | 100 |
| MTMH302 | Design and Analysis of Algorithms | 4 | 20 | 80 | 100 |
| MTMH303 | Coding Theory | 4 | 20 | 80 | 100 |
| MTMH304 | Probability Theory | 4 | 20 | 80 | 100 |



Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|-----------------------|---------|---------------------|-------------|-------|
| MTMH401 | Field Theory | 4 | 20 | 80 | 100 |
| MTMH402 | Differential Geometry | 4 | 20 | 80 | 100 |
| MTMH403 | Project | 16 | | 100 | 100 |

M. Tech in Physics (MTPH)

Course Name: M.Tech Physics

Duration of Course: 2 years

Eligibility: B.Tech/BE/M.Sc Physics

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| MTPH101 | Thermodynamics and Statistical Physics | 4 | 20 | 80 | 100 |
| MTPH102 | Atomic and Molecular Physics | 4 | 20 | 80 | 100 |
| MTPH103 | Solid State Physics | 4 | 20 | 80 | 100 |
| MTPH104 | Nuclear and Particle Physics | 4 | 20 | 80 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|------------------------|---------|---------------------|-------------|-------|
| MTPH201 | Mathematical Physics | 4 | 20 | 80 | 100 |
| MTPH202 | Classical Mechanics | 4 | 20 | 80 | 100 |
| MTPH203 | Electromagnetic Theory | 4 | 20 | 80 | 100 |
| MTPH204 | Quantum Mechanics | 4 | 20 | 80 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|-----------------|---------|---------------------|-------------|-------|
| MSP1 | Electronics | 4 | 20 | 80 | 100 |
| MSP2 | Measurement | 4 | 20 | 80 | 100 |
| MSP3 | Motion | 4 | 20 | 80 | 100 |
| MSP4 | Circular Motion | 4 | 20 | 80 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|------------------------|---------|---------------------|-------------|-------|
| MSP5 | Liquids | 3 | 20 | 80 | 100 |
| MSP6 | Elasticity | 3 | 20 | 80 | 100 |
| MSP7 | Universe | 3 | 20 | 80 | 100 |
| MSP8 | Oscillations And Waves | 3 | 20 | 80 | 100 |
| MSP9 | Project | 12 | | 100 | 100 |





M. Tech (IT) (MTIT)

Course Name: M.Tech IT

Duration of Course: 2 years

Eligibility: BE/ B.Tech/AMIE/MCA/MSC IT/CS or MSc in any discipline with mathematics as a major component in BSC from a recognized University or DOEACC 'B' level

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--------------------------------|---------|---------------------|-------------|-------|
| MT 11 | Interactive Computer Graphics | 4 | 20 | 80 | 100 |
| MT 12 | Advanced Computer Architecture | 4 | 20 | 80 | 100 |
| MT 13 | Algorithm Analysis and Design | 4 | 20 | 80 | 100 |
| MT 14 | Advanced DBMS | 4 | 20 | 80 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|----------------------------|---------|---------------------|-------------|-------|
| MT 21 | OO software Engg. With UML | 4 | 20 | 80 | 100 |
| MT 22 | AI and Neural Networks | 4 | 20 | 80 | 100 |
| MT 23 | Elective I | 4 | 20 | 80 | 100 |
| MT 24 | Elective II | 4 | 20 | 80 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|----------------------|---------|---------------------|-------------|-------|
| MT 31 | Elective -III | 4 | 20 | 80 | 100 |
| MT 32 | Elective -IV | 4 | 20 | 80 | 100 |
| MT 33 | Dissertation -part-I | 6 | | 200 | 200 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|------------------------|---------|---------------------|-------------|-------|
| MT 41 | Dissertation - Part II | 16 | | 200 | 200 |

Electives for M. Tech (IT)

Group A

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|----------|---------|---------------------|-------------|-------|
| MT23A | Automata | 4 | 20 | 80 | 100 |

| | | | | | |
|-------|----------------------------------|---|----|----|-----|
| MT24A | Parallel Computing | 4 | 20 | 80 | 100 |
| MT31A | Logic and Functional Programming | 4 | 20 | 80 | 100 |
| MT32A | Natural Language Processing | 4 | 20 | 80 | 100 |

Group B

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|-------------------------|---------|---------------------|-------------|-------|
| MT 23B | Embedded Systems | 4 | 20 | 80 | 100 |
| MT 24B | VLSI Design | 4 | 20 | 80 | 100 |
| MT 31B | Simulation and Modeling | 4 | 20 | 80 | 100 |
| MT 32B | Computer Design | 4 | 20 | 80 | 100 |

Group C

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|---|---------|---------------------|-------------|-------|
| MT 23C | E-commerce, M-commerce and Network security | 4 | 20 | 80 | 100 |
| MT 24C | Network Programming | 4 | 20 | 80 | 100 |
| MT 31C | Wireless and Mobile Network | 4 | 20 | 80 | 100 |
| MT 32C | ERP and CRM | 4 | 20 | 80 | 100 |

Group D

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|---|---------|---------------------|-------------|-------|
| MT 23D | Multimedia Systems | 4 | 20 | 80 | 100 |
| MT 24D | Document Analysis and pattern Recognition | 4 | 20 | 80 | 100 |
| MT 31D | Intelligent Databases | 4 | 20 | 80 | 100 |
| MT 32D | Biometrics | 4 | 20 | 80 | 100 |



B.Tech Chemical (BTCH)

Course Name: B.Tech Chemical

Duration: 4 Years

Eligibility: 10+2(PCM)

Lateral Entry: Candidate who has three year diploma after 10th can enroll for 3rd Semester of B.Tech / Candidate who has completed B.Sc(PCM)/ B. Sc. Math can enroll for 3rd Semester of B.Tech

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------------------------|---------|---------------------|-------------|-------|
| BF1 | Mathematics I | 3 | 25 | 75 | 100 |
| BF2 | Chemistry | 3 | 25 | 75 | 100 |
| BF3 | English -I | 2 | 25 | 75 | 100 |
| BF4 | Electrical Technology | 2 | 25 | 75 | 100 |
| BF5 | Mechanics | 3 | 25 | 75 | 100 |
| BF6 | Introduction to Manufacturing Process | 2 | 25 | 75 | 100 |
| BF2P | Chemistry Practical | 1 | | 100 | 100 |
| BF4P | Electrical Technology Practical | 1 | | 100 | 100 |
| BF7 | Indian Constitution and Ethics | 2 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|----------------------------------|---------|---------------------|-------------|-------|
| BF8 | Mathematics II | 3 | 25 | 75 | 100 |
| BF9 | Applied Physics | 3 | 25 | 75 | 100 |
| BF10 | Programming and Data Structure | 2 | 25 | 75 | 100 |
| BF11 | Basic Electronics | 2 | 25 | 75 | 100 |
| BF12 | Engineering Drawing and Graphics | 4 | 25 | 75 | 100 |
| BF13 | Environmental Studies | 2 | 25 | 75 | 100 |
| BF9P | Applied Physics Practical | 1 | | 100 | 100 |
| BF11P | Basic Electronics Practical | 1 | | 100 | 100 |
| BF14 | Communication English | 2 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|-----------------|---------|---------------------|-------------|-------|
| BCH1 | Mathematics III | 4 | 25 | 75 | 100 |

| | | | | | |
|-------|-------------------------------------|---|----|-----|-----|
| BCH2 | Non Conventional Energy Engineering | 3 | 25 | 75 | 100 |
| BCH3 | Thermodynamics | 2 | 25 | 75 | 100 |
| BCH3P | Thermodynamics Practical | 1 | | 100 | 100 |
| BCH5 | Transportation Processes 1 | 2 | 25 | 75 | 100 |
| BCH6 | Electrical Machines | 3 | 25 | 75 | 100 |
| BCH5P | Transportation Processes Practical | 1 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---|---------|---------------------|-------------|-------|
| BSH6 | Society, Environment & Engineering | 3 | 25 | 75 | 100 |
| BSH7 | Intro. To process etc & flow sheeting | 3 | 25 | 75 | 100 |
| BSH8 | Organic & Inorganic Chemistry | 3 | 25 | 75 | 100 |
| BSH9 | Heat Transfer | 2 | 25 | 75 | 100 |
| BSH10 | Numerical Methods | 3 | 25 | 75 | 100 |
| BSH8P | Organic & Inorganic Chemistry Practical | 1 | | 100 | 100 |
| BSH9P | Heat Transfer Practical | 1 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---|---------|---------------------|-------------|-------|
| BSH1 | Fluid Flow | 3 | 25 | 75 | 100 |
| BSH2 | Mass Transfer Operation -1 | 3 | 25 | 75 | 100 |
| BSH3 | Chemical Engineering Thermodynamics-1 | 2 | 25 | 75 | 100 |
| BSH4 | Chemical equipment Design | 3 | 25 | 75 | 100 |
| BSH5 | Operation Research | 2 | 25 | 75 | 100 |
| BSH3P | Chemical Engineering Thermodynamics Practical | 1 | | 100 | 100 |
| BSH1P | Fluid Flow Practical | 2 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---------------------------------------|---------|---------------------|-------------|-------|
| BSH6 | Strength of Materials | 3 | 25 | 75 | 100 |
| BSH7 | Industrial Economics & Management | 3 | 25 | 75 | 100 |
| BSH8 | Machine Drawing | 3 | 25 | 75 | 100 |
| BSH9 | Mass Transfer Operation -II | 2 | 25 | 75 | 100 |
| BSH10 | Material Science | 3 | 25 | 75 | 100 |
| BSH8P | Machine Drawing Practical | 1 | | 100 | 100 |
| BSH9P | Mass Transfer Operation -II Practical | 1 | | 100 | 100 |



Semester 7th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---|---------|---------------------|-------------|-------|
| BEH1 | Instrumentation & Process Control | 4 | 25 | 75 | 100 |
| BEH2 | Industrial Safety | 3 | 25 | 75 | 100 |
| BEH3 | Petrochemical & Refining Technology | 3 | 25 | 75 | 100 |
| BEH4 | Process Engineering | 3 | 25 | 75 | 100 |
| BEH5 | Process Simulation & Design | 3 | 25 | 75 | 100 |
| BEH1P | Instrumentation & Process Control Practical | 2 | | 100 | 100 |
| BEH4P | Process Engineering Practical | 2 | | 100 | 100 |

Semester 8th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|----------------------------------|---------|---------------------|-------------|-------|
| BEH6 | Environmental Engineering | 5 | 25 | 75 | 100 |
| BEH7 | Project Engineering & Management | 3 | 25 | 75 | 100 |
| BEH8 | Reactors Design | 5 | 25 | 75 | 100 |
| BEH9 | Project | 8 | | 100 | 100 |



B.Tech Civil Engg (BTCE)

Course Name: B.Tech Civil Engg.

Duration: 4 Years

Eligibility: 10+2(PCM)

Lateral Entry: Candidate who has three year diploma after 10th can enroll for 3rd Semester of B.Tech / Candidate who has completed B.Sc(PCM)/ B. Sc. Math can enroll for 3rd Semester of B.Tech

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------------------------|---------|---------------------|-------------|-------|
| BF1 | Mathematics I | 3 | 25 | 75 | 100 |
| BF2 | Chemistry | 3 | 25 | 75 | 100 |
| BF3 | English -I | 2 | 25 | 75 | 100 |
| BF4 | Electrical Technology | 2 | 25 | 75 | 100 |
| BF5 | Mechanics | 3 | 25 | 75 | 100 |
| BF6 | Introduction to Manufacturing Process | 2 | 25 | 75 | 100 |
| BF2P | Chemistry Practical | 1 | | 100 | 100 |
| BF4P | Electrical Technology Practical | 1 | | 100 | 100 |
| BF7 | Indian Constitution and Ethics | 2 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|----------------------------------|---------|---------------------|-------------|-------|
| BF8 | Mathematics II | 3 | 25 | 75 | 100 |
| BF9 | Applied Physics | 3 | 25 | 75 | 100 |
| BF10 | Programming and Data Structure | 2 | 25 | 75 | 100 |
| BF11 | Basic Electronics | 2 | 25 | 75 | 100 |
| BF12 | Engineering Drawing and Graphics | 4 | 25 | 75 | 100 |
| BF13 | Environmental Studies | 2 | 25 | 75 | 100 |
| BF9P | Applied Physics Practical | 1 | | 100 | 100 |
| BF11P | Basic Electronics Practical | 1 | | 100 | 100 |
| BF14 | Communication English | 2 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|-----------------------------------|---------|---------------------|-------------|-------|
| BSC1 | Mathematics III | 4 | 25 | 75 | 100 |
| BSC2 | Water and Waste Water Engineering | 4 | 25 | 75 | 100 |



| | | | | | |
|-------|--------------------------------------|---|----|-----|-----|
| BSC3 | Hydraulics | 3 | 25 | 75 | 100 |
| BSC4 | Transportation Engineering | 3 | 25 | 75 | 100 |
| BSC5 | Surveying -I | 2 | 25 | 75 | 100 |
| BSC3P | Hydraulics Practical | 1 | | 100 | 100 |
| BSC4P | Transportation Engineering Practical | 1 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|-------------------------------------|---------|---------------------|-------------|-------|
| BSC6 | Society, Environments & Engineering | 4 | 25 | 75 | 100 |
| BSC7 | Building Construction | 4 | 25 | 75 | 100 |
| BSC8 | Structural Analysis | 2 | 25 | 75 | 100 |
| BSC9 | Advanced Surveying | 3 | 25 | 75 | 100 |
| BSC10 | Solid Mechanics | 3 | 25 | 75 | 100 |
| BSC8P | Structural Analysis Practical | 1 | | 100 | 100 |
| BSC9P | Advanced Surveying Practical | 1 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|-----------------------------------|---------|---------------------|-------------|-------|
| BTC1 | Design of RC Structures | 4 | 25 | 75 | 100 |
| BTC2 | Foundation Engg. | 4 | 25 | 75 | 100 |
| BTC3 | River Engineering | 3 | 25 | 75 | 100 |
| BTC4 | Hydropower Engineering | 3 | 25 | 75 | 100 |
| BTC5 | Operation Research | 2 | 25 | 75 | 100 |
| BTC1P | Design of RC Structures Practical | 1 | | 100 | 100 |
| BTC2P | Foundation Engg. Practical | 1 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--|---------|---------------------|-------------|-------|
| BTC6 | Design of Steel Structures | 3 | 25 | 75 | 100 |
| BTC7 | Advanced Structural Analysis | 3 | 25 | 75 | 100 |
| BTC8 | Environmental Engineering | 2 | 25 | 75 | 100 |
| BTC9 | Advanced Foundation Engineering | 3 | 25 | 75 | 100 |
| BTC10 | Industrial Economics & Management | 3 | 25 | 75 | 100 |
| BTC6P | Design of Steel Structures Practical | 1 | | 100 | 100 |
| BTC7P | Advanced Structural Analysis Practical | 1 | | 100 | 100 |

Semester 7th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--|---------|---------------------|-------------|-------|
| BEC1 | Irrigation Engineering | 4 | 25 | 75 | 100 |
| BEC2 | Prestressed Concrete & Adv.Design of Structure | 3 | 25 | 75 | 100 |
| BEC3 | Quantity Surveying & contract & Tenders | 2 | 25 | 75 | 100 |
| BEC4 | Finite Element Method of Civil Engineering | 2 | 25 | 75 | 100 |
| BEC5 | Elective -I | 3 | 25 | 75 | 100 |
| BEC2P | Prestressed Concrete & Adv.Design of Structure Practical | 1 | | 100 | 100 |
| BEC6P | Electronics International Practical | 1 | | 100 | 100 |

Semester 8th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--------------------------------------|---------|---------------------|-------------|-------|
| BEC6 | Structural Dynamic | 3 | 25 | 75 | 100 |
| BEC7 | Construction and Planning Management | 3 | 25 | 75 | 100 |
| BEC8 | Planning & Design of Airport | 2 | 25 | 75 | 100 |
| BEC9 | Project | 8 | | 100 | 100 |
| BEC6P | Structural Dynamic Practical | 2 | | 100 | 100 |

Elective

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---|---------|---------------------|-------------|-------|
| BECS5-I | Water Resources System & Planning | 3 | 25 | 75 | 100 |
| BECS5-II | Valuation of Real Property | 3 | 25 | 75 | 100 |
| BECS5-III | Design of Industrial Structures & Bridges | 3 | 25 | 75 | 100 |
| BECS5-IV | Highway Maintenance & Management System | 3 | 25 | 75 | 100 |



B.Tech Electrical Engg (BTEE)

Course Name: B.Tech Electrical Engg.

Duration: 4 Years

Eligibility: 10+2(PCM)

Lateral Entry: Candidate who has three year diploma after 10th can enroll for 3rd Semester of B.Tech / Candidate who has completed B.Sc(PCM)/ B. Sc. Math can enroll for 3rd Semester of B.Tech

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------------------------|---------|---------------------|-------------|-------|
| BF1 | Mathematics I | 3 | 25 | 75 | 100 |
| BF2 | Chemistry | 3 | 25 | 75 | 100 |
| BF3 | English -I | 2 | 25 | 75 | 100 |
| BF4 | Electrical Technology | 2 | 25 | 75 | 100 |
| BF5 | Mechanics | 3 | 25 | 75 | 100 |
| BF6 | Introduction to Manufacturing Process | 2 | 25 | 75 | 100 |
| BF2P | Chemistry Practical | 1 | | 100 | 100 |
| BF4P | Electrical Technology Practical | 1 | | 100 | 100 |
| BF7 | Indian Constitution and Ethics | 2 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|----------------------------------|---------|---------------------|-------------|-------|
| BF8 | Mathematics II | 3 | 25 | 75 | 100 |
| BF9 | Applied Physics | 3 | 25 | 75 | 100 |
| BF10 | Programming and Data Structure | 2 | 25 | 75 | 100 |
| BF11 | Basic Electronics | 2 | 25 | 75 | 100 |
| BF12 | Engineering Drawing and Graphics | 4 | 25 | 75 | 100 |
| BF13 | Environmental Studies | 2 | 25 | 75 | 100 |
| BF9P | Applied Physics Practical | 1 | | 100 | 100 |
| BF11P | Basic Electronics Practical | 1 | | 100 | 100 |
| BF14 | Communication English | 2 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|-----------------|---------|---------------------|-------------|-------|
| BSE1 | Mathematics III | 4 | 25 | 75 | 100 |
| BSE2 | Thermodynamics | 4 | 25 | 75 | 100 |

| | | | | | |
|-------|------------------------------|---|----|-----|-----|
| BSE3 | Signals & Networks | 2 | 25 | 75 | 100 |
| BSE4 | Digital Electronics | 2 | 25 | 75 | 100 |
| BSE5 | Electrical Machines | 4 | 25 | 75 | 100 |
| BSE2P | Thermodynamics Practical | 1 | | 100 | 100 |
| BSE3P | Signals & Networks Practical | 1 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--------------------------------------|---------|---------------------|-------------|-------|
| BSE6 | Society, Environments & Engineering | 4 | 25 | 75 | 100 |
| BSE7 | Electronic Devices & Circuit | 4 | 25 | 75 | 100 |
| BSE8 | Analog Electronic Circuits | 2 | 25 | 75 | 100 |
| BSE9 | Electromagnetic Engineering | 3 | 25 | 75 | 100 |
| BSE10 | Electrical Measurement - I | 3 | 25 | 75 | 100 |
| BSE8P | Analog Electronic Circuits Practical | 1 | | 100 | 100 |
| BSE10P | Electrical Measurement - I Practical | 1 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--|---------|---------------------|-------------|-------|
| BTE1 | Computer Organization | 4 | 25 | 75 | 100 |
| BTE2 | Control System | 4 | 25 | 75 | 100 |
| BTE3 | Power Systems | 3 | 25 | 75 | 100 |
| BTE4 | Electrical Measurement - II | 2 | 25 | 75 | 100 |
| BTE5 | Advanced Electrical Machines | 3 | 25 | 75 | 100 |
| BTE2P | Control System Practical | 1 | | 100 | 100 |
| BTE5P | Advanced Electrical Machines Practical | 1 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--|---------|---------------------|-------------|-------|
| BTE6 | Power Electronics & Devices | 3 | 25 | 75 | 100 |
| BTE7 | Digital Signal Processing | 3 | 25 | 75 | 100 |
| BTE8 | Microprocessor | 2 | 25 | 75 | 100 |
| BTE9 | Advance Power System & Design | 3 | 25 | 75 | 100 |
| BTE10 | Industrial Electronics & Devices Practical | 3 | 25 | 75 | 100 |
| BTE6P | Power Electronics & Devices Practical | 1 | | 100 | 100 |
| BTE7P | Digital signal Processing Practical | 1 | | 100 | 100 |



Semester 7th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---|---------|---------------------|-------------|-------|
| BEE1 | Switchger & Protection | 3 | 25 | 75 | 100 |
| BEE2 | Utilization of Electrical Power | 3 | 25 | 75 | 100 |
| BEE3 | Communication Engineering | 3 | 25 | 75 | 100 |
| BEE4 | Electronics Instrumentation | 3 | 25 | 75 | 100 |
| BEE5 | Elective -I | 2 | 25 | 75 | 100 |
| BEE1P | Switchger & Protection Practical | 2 | | 100 | 100 |
| BEE2P | Utilization of Electrical Power Practical | 2 | | 100 | 100 |

Semester 8th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--|---------|---------------------|-------------|-------|
| BEE6 | Machine Drives | 3 | 25 | 75 | 100 |
| BEE7 | Design & Estimation of Electrical System | 3 | 25 | 75 | 100 |
| BEE8 | Electrical Machine Design | 2 | 25 | 75 | 100 |
| BEE9 | Project | 8 | | 100 | 100 |
| BEE6P | Machine Drives Practical | 2 | | 100 | 100 |

Elective

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|-------------------------------------|---------|---------------------|-------------|-------|
| BEE5-I | EHV- Transmission | 2 | 25 | 75 | 100 |
| BEE5-II | Electrical Power System Reliability | 2 | 25 | 75 | 100 |
| BEE5-III | Illumination Engineering | 2 | 25 | 75 | 100 |
| BEE5-IV | High Voltage Engineering | 2 | 25 | 75 | 100 |

B.Tech Computer Science (BTCS)

Course Name: B.Tech Computer Science

Duration: 4 Years

Eligibility: 10+2(PCM)

Lateral Entry: Candidate who has three year diploma after 10th can enroll for 3rd Semester of B.Tech / Candidate who has completed B.Sc(PCM)/ B. Sc. Math can enroll for 3rd Semester of B.Tech

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------------------------|---------|---------------------|-------------|-------|
| BF1 | Mathematics I | 3 | 25 | 75 | 100 |
| BF2 | Chemistry | 3 | 25 | 75 | 100 |
| BF3 | English -I | 2 | 25 | 75 | 100 |
| BF4 | Electrical Technology | 2 | 25 | 75 | 100 |
| BF5 | Mechanics | 3 | 25 | 75 | 100 |
| BF6 | Introduction to Manufacturing Process | 2 | 25 | 75 | 100 |
| BF2P | Chemistry Practical | 1 | | 100 | 100 |
| BF4P | Electrical Technology Practical | 1 | | 100 | 100 |
| BF7 | Indian Constitution and Ethics | 2 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|----------------------------------|---------|---------------------|-------------|-------|
| BF8 | Mathematics II | 3 | 25 | 75 | 100 |
| BF9 | Applied Physics | 3 | 25 | 75 | 100 |
| BF10 | Programming and Data Structure | 2 | 25 | 75 | 100 |
| BF11 | Basic Electronics | 2 | 25 | 75 | 100 |
| BF12 | Engineering Drawing and Graphics | 4 | 25 | 75 | 100 |
| BF13 | Environmental Studies | 2 | 25 | 75 | 100 |
| BF9P | Applied Physics Practical | 1 | | 100 | 100 |
| BF11P | Basic Electronics Practical | 1 | | 100 | 100 |
| BF14 | Communication English | 2 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|-----------------------------------|---------|---------------------|-------------|-------|
| BSCO1 | Mathematics III | 4 | 25 | 75 | 100 |
| BSCO2 | Switching Circuits & Logic Design | 4 | 25 | 75 | 100 |



| | | | | | |
|--------|---|---|----|-----|-----|
| BSCO3 | Signals & Networks | 4 | 25 | 75 | 100 |
| BSCO4 | Digital Electronics | 2 | 25 | 75 | 100 |
| BSCO5 | Electrical Machines | 2 | 25 | 75 | 100 |
| BSCO2P | Switching Circuits & Logic Design Practical | 1 | | 100 | 100 |
| BSCO3P | Signals & Network Practical | 1 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---------------------------------------|---------|---------------------|-------------|-------|
| BSCO6 | Society Environment & Engineering | 4 | 25 | 75 | 100 |
| BSCO7 | Electronic Devices & Circuit | 4 | 25 | 75 | 100 |
| BSCO8 | Analog Electronics Circuits | 3 | 25 | 75 | 100 |
| BSCO9 | Discrete Structure | 3 | 25 | 75 | 100 |
| BSCO10 | Object Oriented Programming | 2 | 25 | 75 | 100 |
| BSCO8P | Analog Electronic Circuits Practical | 1 | | 100 | 100 |
| BSCO10P | Object Oriented Programming Practical | 1 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--------------------------------------|---------|---------------------|-------------|-------|
| BTCO1 | Operating System | 3 | 25 | 75 | 100 |
| BTCO2 | Database Management System | 3 | 25 | 75 | 100 |
| BTCO3 | Computer Graphics | 2 | 25 | 75 | 100 |
| BTCO4 | Computer Organization | 4 | 25 | 75 | 100 |
| BTCO5 | Software Engineering | 4 | 25 | 75 | 100 |
| BTCO2P | Database Management System Practical | 1 | | 100 | 100 |
| BTCO3P | Computer Graphics Practical | 1 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|-------------------------------------|---------|---------------------|-------------|-------|
| BTCO6 | Computer Network | 4 | 25 | 75 | 100 |
| BTCO7 | Theory Of Computation | 2 | 25 | 75 | 100 |
| BTCO8 | Micro-Processor | 3 | 25 | 75 | 100 |
| BTCO9 | Principles Of Programming | 2 | 25 | 75 | 100 |
| BTCO10 | Industrial Economics & Management | 3 | 25 | 75 | 100 |
| BTCO7P | Theory Of Computation Practical | 1 | | 100 | 100 |
| BTCO9P | Principles Of Programming Practical | 1 | | 100 | 100 |

Semester 7th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--|---------|---------------------|-------------|-------|
| BECO1 | Pattern Recognition & Application | 4 | 25 | 75 | 100 |
| BECO2 | Digital Signal Processing | 2 | 25 | 75 | 100 |
| BECO3 | Data Structures & Object Representation | 2 | 25 | 75 | 100 |
| BECO4 | Advance Computer System Architecture | 4 | 25 | 75 | 100 |
| BECO5 | Elective-I | 2 | 25 | 75 | 100 |
| BECO4P | Advance Computer System Architecture Practical | 2 | | 100 | 100 |
| BECO2P | Digital Signal Processing Practical | 2 | | 100 | 100 |

Semester 8th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--|---------|---------------------|-------------|-------|
| BECO6 | Design Principles Of Language Translator | 3 | 25 | 75 | 100 |
| BECO7 | Design & Analysis Of Algorithm | 3 | 25 | 75 | 100 |
| BECO8 | Interactive Multimedia | 2 | 25 | 75 | 100 |
| BECO9 | Project | 8 | | 100 | 100 |
| BECO7P | Design & Analysis Of Algorithm Practical | 2 | | 100 | 100 |

Elective

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|--------------------------------|---------|---------------------|-------------|-------|
| BECO5-I | Neural Network and Application | 2 | 25 | 75 | 100 |
| BECO5-II | Parallel Processing | 2 | 25 | 75 | 100 |
| BECO5-III | Mobile Computing | 2 | 25 | 75 | 100 |
| BECO5-IV | Fuzzy set theory & Application | 2 | 25 | 75 | 100 |



B.Tech Electronics & Telecommunication Engg (BTET)

Course Name: B.Tech Electronics & Telecommunication Engg.

Duration: 4 Years

Eligibility: 10+2(PCM)

Lateral Entry: Candidate who has three year diploma after 10th can enroll for 3rd Semester of B.Tech /
Candidate who has completed B.Sc(PCM)/ B. Sc. Math can enroll for 3rd Semester of B.Tech

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------------------------|---------|---------------------|-------------|-------|
| BF1 | Mathematics I | 3 | 25 | 75 | 100 |
| BF2 | Chemistry | 3 | 25 | 75 | 100 |
| BF3 | English -I | 2 | 25 | 75 | 100 |
| BF4 | Electrical Technology | 2 | 25 | 75 | 100 |
| BF5 | Mechanics | 3 | 25 | 75 | 100 |
| BF6 | Introduction to Manufacturing Process | 2 | 25 | 75 | 100 |
| BF2P | Chemistry Practical | 1 | | 100 | 100 |
| BF4P | Electrical Technology Practical | 1 | | 100 | 100 |
| BF7 | Indian Constitution and Ethics | 2 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|----------------------------------|---------|---------------------|-------------|-------|
| BF8 | Mathematics II | 3 | 25 | 75 | 100 |
| BF9 | Applied Physics | 3 | 25 | 75 | 100 |
| BF10 | Programming and Data Structure | 2 | 25 | 75 | 100 |
| BF11 | Basic Electronics | 2 | 25 | 75 | 100 |
| BF12 | Engineering Drawing and Graphics | 4 | 25 | 75 | 100 |
| BF13 | Environmental Studies | 2 | 25 | 75 | 100 |
| BF9P | Applied Physics Practical | 1 | | 100 | 100 |
| BF11P | Basic Electronics Practical | 1 | | 100 | 100 |
| BF14 | Communication English | 2 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---------------------------|---------|---------------------|-------------|-------|
| BSET1 | Mathematics III | 4 | 25 | 75 | 100 |
| BSET2 | Principles Of Programming | 4 | 25 | 75 | 100 |

| | | | | | |
|--------|--------------------------------------|---|----|-----|-----|
| BSET3 | Signals And Networks | 2 | 25 | 75 | 100 |
| BSET4 | Digital Electronics | 2 | 25 | 75 | 100 |
| BSET5 | Electrical Machines | 4 | 25 | 75 | 100 |
| BSET3P | Signals & Network Practical | 1 | | 100 | 100 |
| BSET4P | Digital Electronic Circuit Practical | 1 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|---------------------------------------|---------|---------------------|-------------|-------|
| BSET6 | Society Environment & Engineering | 4 | 25 | 75 | 100 |
| BSET7 | Electronic Devices & Circuit | 4 | 25 | 75 | 100 |
| BSET8 | Analog Electronics Circuits | 2 | 25 | 75 | 100 |
| BSET9 | Electromagnetic Engineering | 4 | 25 | 75 | 100 |
| BSET10 | Electrical Measurement-I | 4 | 25 | 75 | 100 |
| BSE8P | Electrical Measurement Practical | 1 | | 100 | 100 |
| BSE10P | Analog Electronics Circuits Practical | 1 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|---------------------------------|---------|---------------------|-------------|-------|
| BTET1 | Computer Organization | 4 | 25 | 75 | 100 |
| BTET2 | Control System | 4 | 25 | 75 | 100 |
| BTET3 | Digital Communication | 3 | 25 | 75 | 100 |
| BTET4 | Semiconductor Devices | 2 | 25 | 75 | 100 |
| BTET5 | Digital Image Processing | 3 | 25 | 75 | 100 |
| BTET2P | Control System Practical | 1 | | 100 | 100 |
| BTET4P | Semiconductor Devices Practical | 1 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|---------------------------------------|---------|---------------------|-------------|-------|
| BTET6 | Power Electronics & Device | 3 | 25 | 75 | 100 |
| BTET7 | Digital Signal Processing | 3 | 25 | 75 | 100 |
| BTET8 | Micro-Processor | 2 | 25 | 75 | 100 |
| BTET9 | Telecommunication Switching & Signal | 3 | 25 | 75 | 100 |
| BTET10 | Industrial Economics & Management | 3 | 25 | 75 | 100 |
| BTET6P | Power Electronics & Devices Practical | 1 | | 100 | 100 |
| BTET7P | Digital Signal Processing Practical | 1 | | 100 | 100 |



Semester 7th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--|---------|---------------------|-------------|-------|
| BEET1 | Mobile Communication System | 4 | 25 | 75 | 100 |
| BEET2 | RF & Microwave Engineering | 3 | 25 | 75 | 100 |
| BEET3 | Micro Electronics | 2 | 25 | 75 | 100 |
| BEET4 | Computer Communication Network | 2 | 25 | 75 | 100 |
| BEET5 | Elective | 3 | 25 | 75 | 100 |
| BEET2P | RF & Microwave Engineering Practical | 2 | | 100 | 100 |
| BEET4P | Computer Communication Network Practical | 2 | | 100 | 100 |

Semester 8th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--|---------|---------------------|-------------|-------|
| BEET6 | VLSI-Technology & Process Modeling | 3 | 25 | 75 | 100 |
| BEET7 | Satellite Communication | 3 | 25 | 75 | 100 |
| BEET8 | Semi Conductor Devices And Modeling | 3 | 25 | 75 | 100 |
| BEET9 | Project | 8 | | 100 | 100 |
| BEET6P | VLSI-Technology & Process Modeling Practical | 1 | | 100 | 100 |

Elective

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|-------------------------------------|---------|---------------------|-------------|-------|
| BEET5-I | Optical Electronics & Photonics -I | 3 | 25 | 75 | 100 |
| BEET5-II | Digital Voice Picture Communication | 3 | 25 | 75 | 100 |
| BEET5-III | Radar System | 3 | 25 | 75 | 100 |
| BEET5-IV | Optical fiber Communication | 3 | 25 | 75 | 100 |

B.Tech Mechanical Engg (BTME)

Course Name: B.Tech Mechanical

Duration: 4 Years

Eligibility: 10+2(PCM)

Lateral Entry: Candidate who has three year diploma after 10th can enroll for 3rd Semester of B.Tech / Candidate who has completed B.Sc(PCM)/ B. Sc. Math can enroll for 3rd Semester of B.Tech

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------------------------|---------|---------------------|-------------|-------|
| BF1 | Mathematics I | 3 | 25 | 75 | 100 |
| BF2 | Chemistry | 3 | 25 | 75 | 100 |
| BF3 | English -I | 2 | 25 | 75 | 100 |
| BF4 | Electrical Technology | 2 | 25 | 75 | 100 |
| BF5 | Mechanics | 3 | 25 | 75 | 100 |
| BF6 | Introduction to Manufacturing Process | 2 | 25 | 75 | 100 |
| BF2P | Chemistry Practical | 1 | | 100 | 100 |
| BF4P | Electrical Technology Practical | 1 | | 100 | 100 |
| BF7 | Indian Constitution and Ethics | 2 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|----------------------------------|---------|---------------------|-------------|-------|
| BF8 | Mathematics II | 3 | 25 | 75 | 100 |
| BF9 | Applied Physics | 3 | 25 | 75 | 100 |
| BF10 | Programming and Data Structure | 2 | 25 | 75 | 100 |
| BF11 | Basic Electronics | 2 | 25 | 75 | 100 |
| BF12 | Engineering Drawing and Graphics | 4 | 25 | 75 | 100 |
| BF13 | Environmental Studies | 2 | 25 | 75 | 100 |
| BF9P | Applied Physics Practical | 1 | | 100 | 100 |
| BF11P | Basic Electronics Practical | 1 | | 100 | 100 |
| BF14 | Communication English | 2 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|-----------------|---------|---------------------|-------------|-------|
| BSM1 | Mathematics III | 4 | 25 | 75 | 100 |
| BSM2 | Thermodynamics | 4 | 25 | 75 | 100 |



| | | | | | |
|-------|---------------------------|---|----|-----|-----|
| BSM3 | Fluid Mechanics | 2 | 25 | 75 | 100 |
| BSM4 | Workshop Processes | 2 | 25 | 75 | 100 |
| BSM5 | Electrical Machines | 2 | 25 | 75 | 100 |
| BSM3P | Fluid Mechanics Practical | 1 | | 100 | 100 |
| BSM5P | Workshop Practical | 1 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|-----------------------------------|---------|---------------------|-------------|-------|
| BSM6 | Society Environment & Engineering | 4 | 25 | 75 | 100 |
| BSM7 | Dynamics | 4 | 25 | 75 | 100 |
| BSM8 | Solid Mechanics | 2 | 25 | 75 | 100 |
| BSM9 | Heat Transfer-I | 4 | 25 | 75 | 100 |
| BSM10 | Theory Of Machine | 4 | 25 | 75 | 100 |
| BSM7P | Dynamics Practical | 1 | | 100 | 100 |
| BSM8P | Solid Mechanic Practical | 1 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---|---------|---------------------|-------------|-------|
| BTM1 | Metal Cutting And Tool Design | 4 | 25 | 75 | 100 |
| BTM2 | Control System | 4 | 25 | 75 | 100 |
| BTM3 | Computer Graphics | 3 | 25 | 75 | 100 |
| BTM4 | CNC Programming | 2 | 25 | 75 | 100 |
| BTM5 | Operation Research | 3 | 25 | 75 | 100 |
| BTM1P | Metal Cutting And Tool Design Practical | 1 | | 100 | 100 |
| BTM4P | CNC Programming Practical | 1 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--|---------|---------------------|-------------|-------|
| BTM6 | Strength Materials | 3 | 25 | 75 | 100 |
| BTM7 | Industrial Engineering & Production Management | 3 | 25 | 75 | 100 |
| BTM8 | Design Machine Elements | 3 | 25 | 75 | 100 |
| BTM9 | Hydraulic Machines | 3 | 25 | 75 | 100 |
| BTM10 | Industrial Economics & Management | 2 | 25 | 75 | 100 |
| BTM7P | Industrial Engg. & Production Mgt. Practical | 1 | | 100 | 100 |
| BTM9P | Hydraulic Machines Practical | 1 | | 100 | 100 |

Semester 7th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---|---------|---------------------|-------------|-------|
| BEM1 | CAD/CAM (Application) & Automation | 4 | 25 | 75 | 100 |
| BEM2 | Metrology & Quality Control | 3 | 25 | 75 | 100 |
| BEM3 | I.C. Engineering & Automobile Engineering | 2 | 25 | 75 | 100 |
| BEM4 | Finite Element Method In Engineering | 2 | 25 | 75 | 100 |
| BEM5 | Elective | 3 | 25 | 75 | 100 |
| BEM2P | Metrology & Quality Control Practical | 2 | | 100 | 100 |
| BEM3P | I.C. Engineering & Automobile Engineering Practical | 2 | | 100 | 100 |

Semester 8th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--|---------|---------------------|-------------|-------|
| BEME6 | Refrigeration & Air Conditioning | 3 | 25 | 75 | 100 |
| BEME7 | Machine Tool Design | 3 | 25 | 75 | 100 |
| BEME8 | Jigs & Fixture Design | 3 | 25 | 75 | 100 |
| BEME9 | Project | 8 | | 100 | 100 |
| BEME6P | Refrigeration & Air Conditioning Practical | 1 | | 100 | 100 |

Elective

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|----------------------------|---------|---------------------|-------------|-------|
| BEME5-I | Mechatronics | 3 | 25 | 75 | 100 |
| BEME5-II | Concurrent Engineering | 3 | 25 | 75 | 100 |
| BEME5-III | Management of Technology | 3 | 25 | 75 | 100 |
| BEME5-IV | Machine Vibration Analysis | 3 | 25 | 75 | 100 |



B.Tech Aeronautics Engg (BTAE)

Course Name: B.Tech Aeronautics Engg.

Duration: 4 Years

Eligibility: 10+2(PCM)

Lateral Entry: Candidate who has three year diploma after 10th can enroll for 3rd Semester of B.Tech /
Candidate who has completed B.Sc(PCM)/ B. Sc. Math can enroll for 3rd Semester of B.Tech

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------------------------|---------|---------------------|-------------|-------|
| BF1 | Mathematics I | 3 | 25 | 75 | 100 |
| BF2 | Chemistry | 3 | 25 | 75 | 100 |
| BF3 | English -I | 2 | 25 | 75 | 100 |
| BF4 | Electrical Technology | 2 | 25 | 75 | 100 |
| BF5 | Mechanics | 3 | 25 | 75 | 100 |
| BF6 | Introduction to Manufacturing Process | 2 | 25 | 75 | 100 |
| BF2P | Chemistry Practical | 1 | | 100 | 100 |
| BF4P | Electrical Technology Practical | 1 | | 100 | 100 |
| BF7 | Indian Constitution and Ethics | 2 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|----------------------------------|---------|---------------------|-------------|-------|
| BF8 | Mathematics II | 3 | 25 | 75 | 100 |
| BF9 | Applied Physics | 3 | 25 | 75 | 100 |
| BF10 | Programming and Data Structure | 2 | 25 | 75 | 100 |
| BF11 | Basic Electronics | 2 | 25 | 75 | 100 |
| BF12 | Engineering Drawing and Graphics | 4 | 25 | 75 | 100 |
| BF13 | Environmental Studies | 2 | 25 | 75 | 100 |
| BF9P | Applied Physics Practical | 1 | | 100 | 100 |
| BF11P | Basic Electronics Practical | 1 | | 100 | 100 |
| BF14 | Communication English | 2 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|-----------------|---------|---------------------|-------------|-------|
| BSA1 | Thermodynamics | 3 | 25 | 75 | 100 |
| BSA2 | Mathematics-III | 3 | 25 | 75 | 100 |

| | | | | | |
|-------|-------------------------------|---|----|-----|-----|
| BSA3 | Electrical Machine | 3 | 25 | 75 | 100 |
| BSA4 | Digital Electronics | 2 | 25 | 75 | 100 |
| BSA5 | Control System | 3 | 25 | 75 | 100 |
| BSA4P | Digital Electronics Practical | 1 | | 100 | 100 |
| BSA3P | Electronics Machine Practical | 1 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--------------------------------------|---------|---------------------|-------------|-------|
| BSA7 | Space Dynamics | 3 | 25 | 75 | 100 |
| BSA8 | Introduction To Aerodynamics | 3 | 25 | 75 | 100 |
| BSA9 | Dynamics Of Aerospace Engineers | 2 | 25 | 75 | 100 |
| BSA10 | Society, Environment And Engineering | 4 | 25 | 75 | 100 |
| BSA11 | Introduction To Propulsion System | 4 | 25 | 75 | 100 |
| BSA8P | Basic Aerodynamics Practical | 1 | | 100 | 100 |
| BSA11P | Propulsion System Practical | 1 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|------------------------------|---------|---------------------|-------------|-------|
| BTA1 | Theory Of Jet Propulsion | 4 | 25 | 75 | 100 |
| BTA2 | Avionics I | 3 | 25 | 75 | 100 |
| BTA3 | Advance Strength Of Material | 3 | 25 | 75 | 100 |
| BTA4 | Theory Of Vibration-I | 3 | 25 | 75 | 100 |
| BTA5 | Operation Research | 3 | 25 | 75 | 100 |
| BTA2P | Practical Avionics I | 1 | | 100 | 100 |
| BTA1P | Jet Propulsion Practical | 1 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--|---------|---------------------|-------------|-------|
| BTA6 | Avionics-II | 3 | 25 | 75 | 100 |
| BTA7 | Theory Of Vibration-II | 3 | 25 | 75 | 100 |
| BTA8 | Machine Drawing | 2 | 25 | 75 | 100 |
| BTA9 | Aircraft Stability & Control | 3 | 25 | 75 | 100 |
| BTA10 | Industrial Economics & Management | 3 | 25 | 75 | 100 |
| BTA6P | Avionics-II Practical | 1 | | 100 | 100 |
| BTA9P | Aircraft Stability & Control Practical | 1 | | 100 | 100 |



Semester 7th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--|---------|---------------------|-------------|-------|
| BEAE1 | Maintenance of Air Frame Systems | 4 | 25 | 75 | 100 |
| BEAE2 | Aircraft Power Plant and Systems- I | 3 | 25 | 75 | 100 |
| BEAE3 | Aircraft Electrical Systems | 2 | 25 | 75 | 100 |
| BEAE4 | Aircraft Structure- I | 2 | 25 | 75 | 100 |
| BEAE5 | Air Navigation | 3 | | 100 | 100 |
| BEAE1P | Maintenance of Air Frame and System Practical | 2 | | 100 | 100 |
| BEAE3P | Aircraft Instruments and Integrated System Practical | 2 | | 100 | 100 |

Semester 8th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|---|---------|---------------------|-------------|-------|
| BEAE6 | Aircraft Structure-II | 5 | 25 | 75 | 100 |
| BEAE7 | Maintenance of Power Plant And System-II | 3 | 25 | 75 | 100 |
| BEAE8 | Aerodynamics Design and Testing | 4 | 25 | 75 | 100 |
| BEAE9 | Project | 8 | | 100 | 100 |
| BEAE7P | Maintenance of Power Plant And System Practical | 1 | | 100 | 100 |



B.Tech - IT (BTIT)

Course Name: B.Tech - IT

Duration: 4 Years

Eligibility: 10+2(PCM)

Lateral Entry: Candidate who has three year diploma after 10th can enroll for 3rd Semester of B.Tech / Candidate who has completed B.Sc(PCM)/ B. Sc. Math can enroll for 3rd Semester of B.Tech

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------------------------|---------|---------------------|-------------|-------|
| BF1 | Mathematics I | 3 | 25 | 75 | 100 |
| BF2 | Chemistry | 3 | 25 | 75 | 100 |
| BF3 | English -I | 2 | 25 | 75 | 100 |
| BF4 | Electrical Technology | 2 | 25 | 75 | 100 |
| BF5 | Mechanics | 3 | 25 | 75 | 100 |
| BF6 | Introduction to Manufacturing Process | 2 | 25 | 75 | 100 |
| BF2P | Chemistry Practical | 1 | | 100 | 100 |
| BF4P | Electrical Technology Practical | 1 | | 100 | 100 |
| BF7 | Indian Constitution and Ethics | 2 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|----------------------------------|---------|---------------------|-------------|-------|
| BF8 | Mathematics II | 3 | 25 | 75 | 100 |
| BF9 | Applied Physics | 3 | 25 | 75 | 100 |
| BF10 | Programming and Data Structure | 2 | 25 | 75 | 100 |
| BF11 | Basic Electronics | 2 | 25 | 75 | 100 |
| BF12 | Engineering Drawing and Graphics | 4 | 25 | 75 | 100 |
| BF13 | Environmental Studies | 2 | 25 | 75 | 100 |
| BF9P | Applied Physics Practical | 1 | | 100 | 100 |
| BF11P | Basic Electronics Practical | 1 | | 100 | 100 |
| BF14 | Communication English | 2 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|-----------------------|---------|---------------------|-------------|-------|
| BSITO1 | Computer Architecture | 4 | 25 | 75 | 100 |
| BSITO2 | Mathematics III | 3 | 25 | 75 | 100 |



| | | | | | |
|---------|---|---|----|-----|-----|
| BSITO3 | Digital Circuits & Logic Design | 2 | 25 | 75 | 100 |
| BSITO4 | Data Structures & Programming Methodology | 2 | 25 | 75 | 100 |
| BSITO5 | Written & Oral Technical Communication | 3 | 25 | 75 | 100 |
| BSITO6L | Software Lab-I | 1 | | 100 | 100 |
| BSITO7L | Hardware Lab-I | 1 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|--|---------|---------------------|-------------|-------|
| BSITO6 | Operating System | 3 | 25 | 75 | 100 |
| BSITO7 | Discrete Structures | 3 | 25 | 75 | 100 |
| BSITO8 | Data Communication | 2 | 25 | 75 | 100 |
| BSITO9 | Microprocessor & Assembly Language Programming | 3 | 25 | 75 | 100 |
| BSITO10 | System Programming | 3 | 25 | 75 | 100 |
| BSITO11L | Software Lab-II | 1 | | 100 | 100 |
| BSITO12L | Hardware Lab-II | 1 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--------------------------------------|---------|---------------------|-------------|-------|
| BTITO1 | System Analysis And Design | 3 | 25 | 75 | 100 |
| BTITO2 | Windows Programming | 2 | 25 | 75 | 100 |
| BTITO3 | Database Management System | 3 | 25 | 75 | 100 |
| BTITO4 | Electronics Commerce | 3 | 25 | 75 | 100 |
| BTITO5 | Parallel Architecture & Computing | 3 | 25 | 75 | 100 |
| BTITO3P | Database Management System Practical | 2 | | 100 | 100 |
| BTITO4P | Electronics Commerce Practical | 2 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---|---------|---------------------|-------------|-------|
| BTITO6 | Advanced Internet Technology | 3 | 25 | 75 | 100 |
| BTITO7 | Management Information System | 3 | 25 | 75 | 100 |
| BTITO8 | Web Administration | 2 | 25 | 75 | 100 |
| BTITO9 | Network Operating System | 3 | 25 | 75 | 100 |
| BTITO10 | Operation Research | 3 | 25 | 75 | 100 |
| BTITO7P | Management Information System Practical | 2 | | 100 | 100 |
| BTITO8P | Web Administration Practical | 2 | | 100 | 100 |

Semester 7th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| BEITO1 | Expert System | 4 | 25 | 75 | 100 |
| BEITO2 | Neural Networks | 3 | 25 | 75 | 100 |
| BEITO3 | Artificial Intelligence And Applications | 2 | 25 | 75 | 100 |
| BEITO4 | Multimedia And Applications | 2 | 25 | 75 | 100 |
| BEITO5 | Data Warehousing And Mining | 3 | 25 | 75 | 100 |
| BEITO1P | Expert System Practical | 2 | | 100 | 100 |
| BEITO5P | Data Warehousing And Mining Practical | 2 | | 100 | 100 |

Semester 8th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--------------------------------|---------|---------------------|-------------|-------|
| BEITO6 | Introduction To Java | 5 | 25 | 75 | 100 |
| BEITO7 | E-Services | 3 | 25 | 75 | 100 |
| BEITO8 | Environmental Sciences | 5 | 25 | 75 | 100 |
| BEITO9 | Project | 5 | | 100 | 100 |
| BEITO6P | Introduction To Java Practical | 2 | | 100 | 100 |

B.Tech Automobile Engg (BTAT)

Course Name: B.Tech Automobile Engg.

Duration: 4 Years

Eligibility: 10+2(PCM)

Lateral Entry: Candidate who has three year diploma after 10th can enroll for 3rd Semester of B.Tech / Candidate who has completed B.Sc(PCM)/ B. Sc. Math can enroll for 3rd Semester of B.Tech

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------------------------|---------|---------------------|-------------|-------|
| BF1 | Mathematics I | 3 | 25 | 75 | 100 |
| BF2 | Chemistry | 3 | 25 | 75 | 100 |
| BF3 | English -I | 2 | 25 | 75 | 100 |
| BF4 | Electrical Technology | 2 | 25 | 75 | 100 |
| BF5 | Mechanics | 3 | 25 | 75 | 100 |
| BF6 | Introduction to Manufacturing Process | 2 | 25 | 75 | 100 |



| | | | | | |
|------|---------------------------------|---|----|-----|-----|
| BF2P | Chemistry Practical | 1 | | 100 | 100 |
| BF4P | Electrical Technology Practical | 1 | | 100 | 100 |
| BF7 | Indian Constitution and Ethics | 2 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|----------------------------------|---------|---------------------|-------------|-------|
| BF8 | Mathematics II | 3 | 25 | 75 | 100 |
| BF9 | Applied Physics | 3 | 25 | 75 | 100 |
| BF10 | Programming and Data Structure | 2 | 25 | 75 | 100 |
| BF11 | Basic Electronics | 2 | 25 | 75 | 100 |
| BF12 | Engineering Drawing and Graphics | 4 | 25 | 75 | 100 |
| BF13 | Environmental Studies | 2 | 25 | 75 | 100 |
| BF9P | Applied Physics Practical | 1 | | 100 | 100 |
| BF11P | Basic Electronics Practical | 1 | | 100 | 100 |
| BF14 | Communication English | 2 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---------------------------------|---------|---------------------|-------------|-------|
| BSAMO1 | Numerical Analysis Programming | 4 | 25 | 75 | 100 |
| BSAMO2 | Electronics | 3 | 25 | 75 | 100 |
| BSAMO3 | Thermal Science | 2 | 25 | 75 | 100 |
| BSAMO4 | Mechanics Of Solids | 2 | 25 | 75 | 100 |
| BSAMO5 | Production Technology | 3 | 25 | 75 | 100 |
| BSAMO3P | Thermal Science Practical | 1 | | 100 | 100 |
| BSAMO5P | Production Technology Practical | 1 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|-----------------------------------|---------|---------------------|-------------|-------|
| BSAMO6 | Kinematics & Dynamics Of Machines | 3 | 25 | 75 | 100 |
| BSAMO7 | Manufacturing Machines | 3 | 25 | 75 | 100 |
| BSAMO8 | Electrical Machines | 2 | 25 | 75 | 100 |
| BSAMO9 | Operation Research | 3 | 25 | 75 | 100 |
| BSAMO10 | Lan & Networking | 3 | 25 | 75 | 100 |
| BSAMO9P | Operation Research Practical | 1 | | 100 | 100 |
| BSAMO8P | Electrical Machine Practical | 1 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---------------------------------------|---------|---------------------|-------------|-------|
| BTAMO1 | Microprocessors & Applications | 3 | 25 | 75 | 100 |
| BTAMO2 | Machine Design-I | 2 | 25 | 75 | 100 |
| BTAMO3 | Material Science & Metallurgy | 3 | 25 | 75 | 100 |
| BTAMO4 | Measurements & Controls | 3 | 25 | 75 | 100 |
| BTAMO5 | Database Management Systems | 3 | 25 | 75 | 100 |
| BTAMO5P | Database Management Systems Practical | 2 | | 100 | 100 |
| BTAMO2P | Machine Design-I Practical | 2 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|------------------------------------|---------|---------------------|-------------|-------|
| BTAMO6 | Management Of Manufacturing System | 3 | 25 | 75 | 100 |
| BTAMO7 | Machine Design-II | 3 | 25 | 75 | 100 |
| BTAMO8 | Metrology | 2 | 25 | 75 | 100 |
| BTAMO9 | Fluid Systems | 3 | 25 | 75 | 100 |
| BTAMO10 | Metal Cutting & Tool Design | 3 | 25 | 75 | 100 |
| BTAMO9P | Fluid Systems Practical | 2 | | 100 | 100 |
| BTAMO8P | Metrology Practical | 2 | | 100 | 100 |

Semester 7th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| BEAMO1 | Computer Aided Manufacturing | 4 | 25 | 75 | 100 |
| BEAMO2 | Mechatronics | 3 | 25 | 75 | 100 |
| BEAMO3 | Refrigeration & Air-Conditioning | 2 | 25 | 75 | 100 |
| BEAMO4 | Solar Energy | 2 | 25 | 75 | 100 |
| BEAMO5 | Personnel Management | 3 | 25 | 75 | 100 |
| BEAMO3P | Refrigeration & Air-Conditioning Practical | 2 | | 100 | 100 |
| BEAMO4P | Solar Energy Practical | 2 | | 100 | 100 |



Semester 8th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|-----------------------------------|---------|---------------------|-------------|-------|
| BEAMO6 | Automotive Engineering | 5 | 25 | 75 | 100 |
| BEAMO7 | Manufacturing Information Systems | 3 | 25 | 75 | 100 |
| BEAMO8 | Computer Aided Design | 4 | 25 | 75 | 100 |
| BEAMO9 | Project | 8 | | 100 | 100 |



Diploma in Mechanical Engineering (DME)

Course Name: Diploma in Mechanical Engineering

Duration: 3 Years

Eligibility: 10th with Math

Lateral Entry: 10+2 PCM / ITI (2years)/ 2 years Vocational Course in Relevant Trade / 3 year Apprenticeship

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---------------------------|---------|---------------------|-------------|-------|
| DF1 | Communication English | 3 | 25 | 75 | 100 |
| DF2 | Applied Mathematics – I | 3 | 25 | 75 | 100 |
| DF3 | Engineering Physics – I | 3 | 25 | 75 | 100 |
| DF4 | Engineering Chemistry – I | 3 | 25 | 75 | 100 |
| DF5-L | Computer Application Lab | 2 | | 100 | 100 |
| DF6-L | Workshop Practice Lab | 2 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--------------------------|---------|---------------------|-------------|-------|
| DF7 | Applied Mathematics-II | 3 | 25 | 75 | 100 |
| DF8 | Engineering Physics-II | 3 | 25 | 75 | 100 |
| DF9 | Engineering Chemistry-II | 3 | 25 | 75 | 100 |
| DF10 | Engineering Graphics | 3 | 25 | 75 | 100 |
| DF11-L | Physics Lab | 2 | | 100 | 100 |
| DF12-L | Chemistry Lab | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|------------------------------------|---------|---------------------|-------------|-------|
| DSM1 | Engineering Mechanics | 3 | 25 | 75 | 100 |
| DSM2 | Manufacturing Technology-I | 3 | 25 | 75 | 100 |
| DSM3 | Fluid Mechanics | 3 | 25 | 75 | 100 |
| DSM4 | Machine Drawing | 3 | 25 | 75 | 100 |
| DSM5-L | Engineering Mechanics Lab(Written) | 2 | | 100 | 100 |
| DSM6-L | Workshop-I | 2 | | 100 | 100 |



Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| DSM7 | Thermodynamics | 3 | 25 | 75 | 100 |
| DSM8 | Manufacturing Technology-II | 3 | 25 | 75 | 100 |
| DSM9 | Electrical And Electronics Engineering | 3 | 25 | 75 | 100 |
| DSM10 | Refrigeration And Air Conditioning | 3 | 25 | 75 | 100 |
| DSM11-L | Thermodynamics Lab | 2 | | 100 | 100 |
| DSM12-L | Workshop-II Lab | 2 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|----------------------------|---------|---------------------|-------------|-------|
| DTM1 | Design Of Machine Elements | 3 | 25 | 75 | 100 |
| DTM2 | Thermal Engineering | 3 | 25 | 75 | 100 |
| DTM3 | Metrology | 3 | 25 | 75 | 100 |
| DTM4 | Mechatronics | 3 | 25 | 75 | 100 |
| DTM5-L | Metrology Lab | 2 | | 100 | 100 |
| DTM6-L | Workshop-III Lab | 2 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---------------------------------------|---------|---------------------|-------------|-------|
| DTM7 | Industrial Engineering And Management | 3 | 25 | 75 | 100 |
| DTM8 | CAD/CAM | 3 | 25 | 75 | 100 |
| DTM9 | Automobile Technology | 3 | 25 | 75 | 100 |
| DTM10-L | CAD/CAM Lab | 2 | | 100 | 100 |
| DTM11-L | Project | 8 | | 100 | 100 |

Diploma in Electrical Engineering (DEE)

Course Name: Diploma in Electrical Engineering

Duration: 3Years

Eligibility: 10th with Math

Lateral Entry: 10+2 PCM / ITI (2years)/ 2 years Vocational Course in Relevant Trade / 3 year Apprenticeship

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---------------------------|---------|---------------------|-------------|-------|
| DF1 | Communication English | 3 | 25 | 75 | 100 |
| DF2 | Applied Mathematics – I | 3 | 25 | 75 | 100 |
| DF3 | Engineering Physics – I | 3 | 25 | 75 | 100 |
| DF4 | Engineering Chemistry – I | 3 | 25 | 75 | 100 |
| DF5-L | Computer Application Lab | 2 | | 100 | 100 |
| DF6-L | Workshop Practice Lab | 2 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--------------------------|---------|---------------------|-------------|-------|
| DF7 | Applied Mathematics-II | 3 | 25 | 75 | 100 |
| DF8 | Engineering Physics-II | 3 | 25 | 75 | 100 |
| DF9 | Engineering Chemistry-II | 3 | 25 | 75 | 100 |
| DF10 | Engineering Graphics | 3 | 25 | 75 | 100 |
| DF11-L | Physics Lab | 2 | | 100 | 100 |
| DF12-L | Chemistry Lab | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|-------------------------|---------|---------------------|-------------|-------|
| DSE1 | Circuit Theory | 3 | 25 | 75 | 100 |
| DSE2 | Electronic Devices | 3 | 25 | 75 | 100 |
| DSE3 | Electrical Machines – I | 3 | 25 | 75 | 100 |
| DSE4 | Engineering Mechanics | 3 | 25 | 75 | 100 |



| | | | | | |
|--------|---------------------------|---|--|-----|-----|
| DSE5-L | Electronic Devices Lab | 2 | | 100 | 100 |
| DSE6-L | Electrical Machines-I Lab | 2 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|----------------------------------|---------|---------------------|-------------|-------|
| DSE7 | Linear And Digital ICs | 3 | 25 | 75 | 100 |
| DSE8 | Computer Hardware And Networking | 3 | 25 | 75 | 100 |
| DSE9 | Electrical Machines-II | 3 | 25 | 75 | 100 |
| DSE10 | Measurements And Instruments | 3 | 25 | 75 | 100 |
| DSE-11L | IC Lab | 2 | | 100 | 100 |
| DSE12-L | Electrical Machines –II Lab | 2 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|-------------------------------------|---------|---------------------|-------------|-------|
| DTE1 | Power System-I | 3 | 25 | 75 | 100 |
| DTE2 | Microprocessor And Microcontrollers | 3 | 25 | 75 | 100 |
| DTE3 | Electrical Machines Design | 3 | 25 | 75 | 100 |
| DTE4 | Control Of Electrical Machines | 3 | 25 | 75 | 100 |
| DTE5-L | Control Of Electrical Machines Lab | 2 | | 100 | 100 |
| DTE6-L | Microcontrollers Lab | 2 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|-----------------------|---------|---------------------|-------------|-------|
| DTE7 | Power System-II | 3 | 25 | 75 | 100 |
| DTE8 | Power Electronics | 3 | 25 | 75 | 100 |
| DTE9 | Electrical Estimation | 3 | 25 | 75 | 100 |
| DTE10-L | Power Electronics Lab | 2 | | 100 | 100 |
| DTE11 | Project | 8 | | 100 | 100 |

Diploma in Electronics & Telecommunication Engineering (DETE)

Course Name: Diploma in Electronics & Telecommunication Engineering

Duration: 3 Years

Eligibility: 10th with Math

Lateral Entry: 10+2 PCM / ITI (2years)/ 2 years Vocational Course in Relevant Trade / 3 year Apprenticeship

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---------------------------|---------|---------------------|-------------|-------|
| DF1 | Communication English | 3 | 25 | 75 | 100 |
| DF2 | Applied Mathematics – I | 3 | 25 | 75 | 100 |
| DF3 | Engineering Physics – I | 3 | 25 | 75 | 100 |
| DF4 | Engineering Chemistry – I | 3 | 25 | 75 | 100 |
| DF5-L | Computer Application Lab | 2 | | 100 | 100 |
| DF6-L | Workshop Practice Lab | 2 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--------------------------|---------|---------------------|-------------|-------|
| DF7 | Applied Mathematics-II | 3 | 25 | 75 | 100 |
| DF8 | Engineering Physics-II | 3 | 25 | 75 | 100 |
| DF9 | Engineering Chemistry-II | 3 | 25 | 75 | 100 |
| DF10 | Engineering Graphics | 3 | 25 | 75 | 100 |
| DF11-L | Physics Lab | 2 | | 100 | 100 |
| DF12-L | Chemistry Lab | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---|---------|---------------------|-------------|-------|
| DSET1 | Electrical Circuits & Instrumentation | 3 | 25 | 75 | 100 |
| DSET2 | Electronics Devices | 3 | 25 | 75 | 100 |
| DSET3 | C Programming | 3 | 25 | 75 | 100 |
| DSET4 | Microprocessor | 3 | 25 | 75 | 100 |
| DSET5-L | Electronics Devices Lab | 2 | | 100 | 100 |
| DSET6-L | Electrical Circuits & Instrumentation Lab | 2 | | 100 | 100 |



Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|----------------------------------|---------|---------------------|-------------|-------|
| DSET7 | Linear And Digital ICs | 3 | 25 | 75 | 100 |
| DSET8 | Computer Hardware And Networking | 3 | 25 | 75 | 100 |
| DSET9 | Industrial Electronics | 3 | 25 | 75 | 100 |
| DSET10 | Object Oriented Programming | 3 | 25 | 75 | 100 |
| DSET11-L | IC Lab | 2 | | 100 | 100 |
| DSET12-L | Industrial Electronics Lab | 2 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---------------------------------|---------|---------------------|-------------|-------|
| DTET1 | VLSI | 3 | 25 | 75 | 100 |
| DTET2 | Microcontrollers | 3 | 25 | 75 | 100 |
| DTET3 | Communication Engineering-I | 3 | 25 | 75 | 100 |
| DTET4 | Robotics | 3 | 25 | 75 | 100 |
| DTET5-L | Vlsi Lab | 2 | | 100 | 100 |
| DTET6-L | Communication Engineering-I Lab | 2 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|------------------------------|---------|---------------------|-------------|-------|
| DTET7 | Embedded Systems | 3 | 25 | 75 | 100 |
| DTET8 | Communication Engineering-II | 3 | 25 | 75 | 100 |
| DTET9 | Television Engineering | 3 | 25 | 75 | 100 |
| DTET10-L | Embedded Systems Lab | 2 | | 100 | 100 |
| DTET11 | Project | 8 | | 100 | 100 |



Diploma in Civil Engineering (DCE)

Course Name: Diploma in Civil Engineering

Duration: 3 Years

Eligibility: 10th with Math

Lateral Entry: 10+2 PCM / ITI (2years)/ 2 years Vocational Course in Relevant Trade / 3 year Apprenticeship

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---------------------------|---------|---------------------|-------------|-------|
| DF1 | Communication English | 3 | 25 | 75 | 100 |
| DF2 | Applied Mathematics – I | 3 | 25 | 75 | 100 |
| DF3 | Engineering Physics – I | 3 | 25 | 75 | 100 |
| DF4 | Engineering Chemistry – I | 3 | 25 | 75 | 100 |
| DF5-L | Computer Application Lab | 2 | | 100 | 100 |
| DF6-L | Workshop Practice Lab | 2 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--------------------------|---------|---------------------|-------------|-------|
| DF7 | Applied Mathematics-II | 3 | 25 | 75 | 100 |
| DF8 | Engineering Physics-II | 3 | 25 | 75 | 100 |
| DF9 | Engineering Chemistry-II | 3 | 25 | 75 | 100 |
| DF10 | Engineering Graphics | 3 | 25 | 75 | 100 |
| DF11-L | Physics Lab | 2 | | 100 | 100 |
| DF12-L | Chemistry Lab | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|---------------------------|---------|---------------------|-------------|-------|
| DSC1 | Engineering Mechanics | 3 | 25 | 75 | 100 |
| DSC2 | Construction Materials | 3 | 25 | 75 | 100 |
| DSC3 | Surveying | 3 | 25 | 75 | 100 |
| DSC4 | Civil Engineering Drawing | 3 | 25 | 75 | 100 |
| DSC5-L | Surveying Lab-I | 2 | | 100 | 100 |
| DSC6-L | Engineering Mechanics Lab | 2 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--------------------------------|---------|---------------------|-------------|-------|
| DSC7 | Theory Of Structures | 3 | 25 | 75 | 100 |
| DSC8 | Transportation Engineering | 3 | 25 | 75 | 100 |
| DSC9 | Interior Design | 3 | 25 | 75 | 100 |
| DSC10 | Water Resources Management | 3 | 25 | 75 | 100 |
| DSC11L | Cad In Civil Engineering Lab-I | 2 | | 100 | 100 |
| DSC12L | Surveying Lab-II | 2 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--------------------------------------|---------|---------------------|-------------|-------|
| DTC1 | Structural Engineering | 3 | 25 | 75 | 100 |
| DTC2 | Quantity Surveying | 3 | 25 | 75 | 100 |
| DTC3 | Concrete Technology And Construction | 3 | 25 | 75 | 100 |
| DTC4 | Environmental Engineering | 3 | 25 | 75 | 100 |
| DTC5-L | CAD In Civil Engineering Lab-II | 2 | | 100 | 100 |
| DTC6-L | Construction Lab | 2 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---|---------|---------------------|-------------|-------|
| DTC7 | Construction Management | 3 | 25 | 75 | 100 |
| DTC8 | Hydraulics | 3 | 25 | 75 | 100 |
| DTC9 | Town Planning | 3 | 25 | 75 | 100 |
| DTC10-L | Computer Application In Civil Engineering Lab | 2 | | 100 | 100 |
| DTC11 | Project | 8 | | 100 | 100 |

Diploma in Computer Science (DCS)

Course Name: Diploma in Computer Science

Duration: 3 Years

Eligibility: 10th with Math

Lateral Entry: 10+2 PCM / ITI (2years)/ 2 years Vocational Course in Relevant Trade / 3 year Apprenticeship

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---------------------------|---------|---------------------|-------------|-------|
| DF1 | Communication English | 3 | 25 | 75 | 100 |
| DF2 | Applied Mathematics – I | 3 | 25 | 75 | 100 |
| DF3 | Engineering Physics – I | 3 | 25 | 75 | 100 |
| DF4 | Engineering Chemistry – I | 3 | 25 | 75 | 100 |
| DF5-L | Computer Application Lab | 2 | | 100 | 100 |
| DF6-L | Workshop Practice Lab | 2 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--------------------------|---------|---------------------|-------------|-------|
| DF7 | Applied Mathematics-II | 3 | 25 | 75 | 100 |
| DF8 | Engineering Physics-II | 3 | 25 | 75 | 100 |
| DF9 | Engineering Chemistry-II | 3 | 25 | 75 | 100 |
| DF10 | Engineering Graphics | 3 | 25 | 75 | 100 |
| DF11-L | Physics Lab | 2 | | 100 | 100 |
| DF12-L | Chemistry Lab | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---|---------|---------------------|-------------|-------|
| DSCO1 | Operating Systems | 3 | 25 | 75 | 100 |
| DSCO2 | C And Data Structures | 3 | 25 | 75 | 100 |
| DSCO3 | Basic Of Electrical And Electronics Engineering | 3 | 25 | 75 | 100 |
| DSCO4 | Microprocessor | 3 | 25 | 75 | 100 |
| DSCO5-L | C And Data Structures Lab | 2 | | 100 | 100 |
| DSCO6-L | Basic Of Electrical And Electronics Engineering Lab | 2 | | 100 | 100 |



Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|-----------------------|---------|---------------------|-------------|-------|
| DSCO7 | Computer Architecture | 3 | 25 | 75 | 100 |
| DSCO8 | Web Design | 3 | 25 | 75 | 100 |
| DSCO9 | Java Programming | 3 | 25 | 75 | 100 |
| DSCO10 | Software Engineering | 3 | 25 | 75 | 100 |
| DSCO11-L | Java Programming Lab | 2 | | 100 | 100 |
| DSCO12-L | Web Design Lab | 2 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| DTCO1 | Computer Network | 3 | 25 | 75 | 100 |
| DTCO2 | Relational Database Management Systems | 3 | 25 | 75 | 100 |
| DTCO3 | Dot Net | 3 | 25 | 75 | 100 |
| DTCO4 | Embedded Systems | 3 | 25 | 75 | 100 |
| DTCO5-L | Network Lab | 2 | | 100 | 100 |
| DTCO6-L | Dot Net Lab | 2 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|-------------------------------------|---------|---------------------|-------------|-------|
| DTCO7 | Computer Hardware And Servicing | 3 | 25 | 75 | 100 |
| DTCO8 | Mobile Computing | 3 | 25 | 75 | 100 |
| DTCO9 | Multimedia | 3 | 25 | 75 | 100 |
| DTCO10-L | Computer Hardware And Servicing Lab | 2 | | 100 | 100 |
| DTCO11 | Project | 8 | | 100 | 100 |

Diploma in Automobile Engineering (DAE)

Course Name: Diploma in Automobile Engineering

Duration: 3 Years

Eligibility: 10th with Math

Lateral Entry: 10+2 PCM / ITI (2years)/ 2 years Vocational Course in Relevant Trade / 3 year Apprenticeship

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---------------------------|---------|---------------------|-------------|-------|
| DF1 | Communication English | 3 | 25 | 75 | 100 |
| DF2 | Applied Mathematics – I | 3 | 25 | 75 | 100 |
| DF3 | Engineering Physics – I | 3 | 25 | 75 | 100 |
| DF4 | Engineering Chemistry – I | 3 | 25 | 75 | 100 |
| DF5-L | Computer Application Lab | 2 | | 100 | 100 |
| DF6-L | Workshop Practice Lab | 2 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--------------------------|---------|---------------------|-------------|-------|
| DF7 | Applied Mathematics-II | 3 | 25 | 75 | 100 |
| DF8 | Engineering Physics-II | 3 | 25 | 75 | 100 |
| DF9 | Engineering Chemistry-II | 3 | 25 | 75 | 100 |
| DF10 | Engineering Graphics | 3 | 25 | 75 | 100 |
| DF11-L | Physics Lab | 2 | | 100 | 100 |
| DF12-L | Chemistry Lab | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|----------------------------|---------|---------------------|-------------|-------|
| DSA1 | Engineering Mechanics | 3 | 25 | 75 | 100 |
| DSA2 | Manufacturing Technology-I | 3 | 25 | 75 | 100 |
| DSA3 | Fluid Mechanics | 3 | 25 | 75 | 100 |
| DSA4 | Machine Drawing | 3 | 25 | 75 | 100 |
| DSA5-L | Engineering Mechanics Lab | 2 | | 100 | 100 |
| DSA6-L | Workshop-I Lab | 2 | | 100 | 100 |



Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---------------------------------------|---------|---------------------|-------------|-------|
| DSA7 | Thermodynamics | 3 | 25 | 75 | 100 |
| DSA8 | Manufacturing Technology-II | 3 | 25 | 75 | 100 |
| DSA9 | Automobile Electrical And Electronics | 3 | 25 | 75 | 100 |
| DSA10 | Automobile Chassis | 3 | 25 | 75 | 100 |
| DSA11-L | Automobile Electrical And Electronics | 2 | | 100 | 100 |
| DSA12-L | Workshop-II | 2 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|---|---------|---------------------|-------------|-------|
| DTA1 | Automobile Transmission | 3 | 25 | 75 | 100 |
| DTA2 | Vehicle Body Technology | 3 | 25 | 75 | 100 |
| DTA3 | Two & Three Wheelers Technology | 3 | 25 | 75 | 100 |
| DTA4 | Tractor And Farm Equipment | 3 | 25 | 75 | 100 |
| DTA5-L | Automobile Chassis And Transmission Lab | 2 | | 100 | 100 |
| DTA6-L | Automobile Workshop Lab | 2 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---|---------|---------------------|-------------|-------|
| DTA7 | Industrial Engineering And Road Transport | 3 | 25 | 75 | 100 |
| DTA8 | CAD/CAM | 3 | 25 | 75 | 100 |
| DTA9 | Auomotive Maintenance And Pollution Control | 3 | 25 | 75 | 100 |
| DTA10-L | CAD/CAM Lab | 2 | | 100 | 100 |
| DTA11 | Project | 8 | | 100 | 100 |

Diploma in Chemical Engineering (DEC)

Course Name: Diploma in Chemical Engineering

Duration: 3 Years

Eligibility: 10th with Math

Lateral Entry: 10+2 PCM / ITI (2years)/ 2 years Vocational Course in Relevant Trade / 3 year Apprenticeship

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---------------------------|---------|---------------------|-------------|-------|
| DF1 | Communication English | 3 | 25 | 75 | 100 |
| DF2 | Applied Mathematics – I | 3 | 25 | 75 | 100 |
| DF3 | Engineering Physics – I | 3 | 25 | 75 | 100 |
| DF4 | Engineering Chemistry – I | 3 | 25 | 75 | 100 |
| DF5-L | Computer Application Lab | 2 | | 100 | 100 |
| DF6-L | Workshop Practice Lab | 2 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--------------------------|---------|---------------------|-------------|-------|
| DF7 | Applied Mathematics-II | 3 | 25 | 75 | 100 |
| DF8 | Engineering Physics-II | 3 | 25 | 75 | 100 |
| DF9 | Engineering Chemistry-II | 3 | 25 | 75 | 100 |
| DF10 | Engineering Graphics | 3 | 25 | 75 | 100 |
| DF11-L | Physics Lab | 2 | | 100 | 100 |
| DF12-L | Chemistry Lab | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--|---------|---------------------|-------------|-------|
| DSH1 | Chemistry-I | 3 | 25 | 75 | 100 |
| DSH2 | Chemical Engineering Fluid Mechanics | 3 | 25 | 75 | 100 |
| DSH3 | Technical Communications | 3 | 25 | 75 | 100 |
| DSH4 | Engineering Mathematics | 3 | 25 | 75 | 100 |
| DSH5-L | Chemical Engineering Fluid Mechanics Lab | 2 | | 100 | 100 |
| DSH6-L | Workshop-I Lab | 2 | | 100 | 100 |



Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--------------------------|---------|---------------------|-------------|-------|
| DSH7 | Chemistry-II | 3 | 25 | 75 | 100 |
| DSH8 | Heat Transfer | 3 | 25 | 75 | 100 |
| DSH9 | Principles Of Design | 3 | 25 | 75 | 100 |
| DSH10 | Mechanical Operations | 3 | 25 | 75 | 100 |
| DSH11-L | Heat Transfer- Practical | 2 | | 100 | 100 |
| DSH12-L | Workshop-II | 2 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|---|---------|---------------------|-------------|-------|
| DTH1 | Management | 3 | 25 | 75 | 100 |
| DTH2 | Mass Transfer Operation | 3 | 25 | 75 | 100 |
| DTH3 | Chemical Engineering Thermodynamics-I | 3 | 25 | 75 | 100 |
| DTH4 | Chemical Engineering Drawing | 3 | 25 | 75 | 100 |
| DTH5-L | Chemical Engineering Thermodynamics-I Practical | 2 | | 100 | 100 |
| DTH6-L | Workshop Practical | 2 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---------------------------|---------|---------------------|-------------|-------|
| DTH7 | Environmental Technology | 3 | 25 | 75 | 100 |
| DTH8 | Process Simulation | 3 | 25 | 75 | 100 |
| DTH9 | Professional Practices-VI | 3 | 25 | 75 | 100 |
| DTH10 | Elective-I | 2 | 25 | 75 | 100 |
| DTH11 | Project | 8 | | 100 | 100 |

Elective-1

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|-------------------------------|---------|---------------------|-------------|-------|
| DTH 10-1 | Petrochemical Technology | 2 | 25 | 75 | 100 |
| DTH 10-2 | Food Processing & Engineering | 2 | 25 | 75 | 100 |
| DTH 10-3 | Sugar Technology | 2 | 25 | 75 | 100 |
| DTH 10-4 | Bio- Process Engineering | 2 | 25 | 75 | 100 |

Diploma in Architecture (DARC)

Course Name: Diploma in Architecture

Duration: 3 Years

Eligibility: 10th with Math

Lateral Entry: 10+2 PCM / ITI (2years)/ 2 years Vocational Course in Relevant Trade / 3 year Apprenticeship

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|---------------------------|---------|---------------------|-------------|-------|
| DARC-101 | Applied Mathematics-I | 4 | 25 | 75 | 100 |
| DARC-102 | Physics | 4 | 25 | 75 | 100 |
| DARC-103 | Chemistry | 3 | 25 | 75 | 100 |
| DARC-104 | Fundamentals of Computers | 3 | 25 | 75 | 100 |
| DARC-105 | Communication Techniques | 3 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|------------------------------|---------|---------------------|-------------|-------|
| DARC-201 | Applied Mathematics-II | 4 | 25 | 75 | 100 |
| DARC-202 | Basic Mechanical Engineering | 4 | 25 | 75 | 100 |
| DARC-203 | Basic Electrical Engineering | 3 | 25 | 75 | 100 |
| DARC-204 | Basic Electronics | 3 | 25 | 75 | 100 |
| DARC-205 | Engineering Drawing | 3 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|------------------------------|---------|---------------------|-------------|-------|
| DARC-310 | History of Architecture | 5 | 25 | 75 | 100 |
| DARC-320 | Free Hand Drawing & Painting | 5 | 25 | 75 | 100 |
| DARC-330 | Building Construction | 5 | 25 | 75 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|------------------------|---------|---------------------|-------------|-------|
| DARC-410 | Structural Mechanics | 6 | 25 | 75 | 100 |
| DARC-420 | Theory of Structures | 5 | 25 | 75 | 100 |
| DARC-430 | Estimation and Costing | 5 | 25 | 75 | 100 |



Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|------------------------------------|---------|---------------------|-------------|-------|
| DARC-510 | Production Drawing -I | 4 | 25 | 75 | 100 |
| DARC-520 | Professional Practice Architecture | 4 | 25 | 75 | 100 |
| DARC-530 | Structures | 3 | 25 | 75 | 100 |
| DARC-540 | Design-I | 3 | 25 | 75 | 100 |
| DARC-550 | Model Making Techniques | 3 | 25 | 75 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|------------------------------|---------|---------------------|-------------|-------|
| DARC-610 | Entrepreneurship Development | 5 | 25 | 75 | 100 |
| DARC-620 | Production Drawing -II | 3 | 25 | 75 | 100 |
| DARC-630 | Design-II | 3 | 25 | 75 | 100 |
| DARC-640 | Town Planning | 3 | 25 | 75 | 100 |
| DARC-650 | Computer Application | 3 | 25 | 75 | 100 |



Certificate in Fire Safety (CFS)

Course Name: Certificate in Fire Safety (CFS)

Duration: 6 Months

Eligibility: 10th Standard or Equivalent

Semester 1

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|----------------------|---------|---------------------|-------------|-------|
| CFS101 | Fire Tech & Design | 4 | 25 | 75 | 100 |
| CFS102 | Construction Safety | 4 | 25 | 75 | 100 |
| CFS103 | Industrial Safety | 4 | 25 | 75 | 100 |
| CFS104 | Environmental Safety | 4 | 25 | 75 | 100 |
| CFS105 | Practicals | 4 | | 100 | 100 |

Diploma in Fire Safety (DFS)

Course Name: Diploma in Fire Safety (DFS)

Duration: 1 Year

Eligibility: 10+2 or Equivalent

Lateral Entry: The candidate who has certificate in Fire Safety with 10+2 is eligible for Semester 2

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|----------------------|---------|---------------------|-------------|-------|
| CFS101 | Fire Tech & Design | 4 | 25 | 75 | 100 |
| CFS102 | Construction Safety | 4 | 25 | 75 | 100 |
| CFS103 | Industrial Safety | 4 | 25 | 75 | 100 |
| CFS104 | Environmental Safety | 4 | 25 | 75 | 100 |
| CFS105 | Practicals | 4 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|---------------------------------------|---------|---------------------|-------------|-------|
| DFS201 | Safety Of People In The Event Of Fire | 4 | 25 | 75 | 100 |
| DFS202 | Fire Risk Assessment | 4 | 25 | 75 | 100 |



| | | | | | |
|--------|---|---|----|----|-----|
| DFS203 | Fundamental Of Fire Engineering Science | 4 | 25 | 75 | 100 |
| DFS204 | Fire Control Technology | 4 | 25 | 75 | 100 |
| DFS205 | Fire Fighting Drills-I | 4 | 25 | 75 | 100 |

Advanced Diploma in Fire Safety (ADFS)

Course Name: Advanced Diploma in Fire Safety (ADFS)

Duration: 2 Years

Eligibility: 10+2 or equivalent

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|----------------------|---------|---------------------|-------------|-------|
| ADFS101 | Fire Tech & Design | 4 | 25 | 75 | 100 |
| ADFS102 | Construction Safety | 4 | 25 | 75 | 100 |
| ADFS103 | Industrial Safety | 4 | 25 | 75 | 100 |
| ADFS104 | Environmental Safety | 4 | 25 | 75 | 100 |
| ADFS105 | Practicals | 4 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---|---------|---------------------|-------------|-------|
| ADFS201 | Safety Of People In The Event Of Fire | 4 | 25 | 75 | 100 |
| ADFS202 | Fire Risk Assessment | 4 | 25 | 75 | 100 |
| ADFS203 | Fundamental Of Fire Engineering Science | 4 | 25 | 75 | 100 |
| ADFS204 | Fire Control Technology | 4 | 25 | 75 | 100 |
| ADFS205 | Fire Fighting Drills-I | 4 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|-------------------------|---------|---------------------|-------------|-------|
| ADFS301 | Fire Tech & Design-II | 4 | 25 | 75 | 100 |
| ADFS302 | Construction Safety-II | 4 | 25 | 75 | 100 |
| ADFS303 | Industrial Safety-II | 4 | 25 | 75 | 100 |
| ADFS304 | Environmental Safety-II | 4 | 25 | 75 | 100 |
| ADFS305 | Practicals | 4 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| ADFS401 | Safety Of People In The Event Of Fire-II | 4 | 25 | 75 | 100 |
| ADFS402 | Fire Risk Assessment-II | 4 | 25 | 75 | 100 |
| ADFS403 | Fundamental Of Fire Engineering Science-II | 4 | 25 | 75 | 100 |
| ADFS404 | Fire Control Technology-II | 4 | 25 | 75 | 100 |
| ADFS405 | Fire Fighting Drills-1-II | 4 | 25 | 75 | 100 |





Master Of Business Administration - Dual Specialization (MBA)

Admission Qualification:

Program Duration

The program duration of MBA will be of two years comprising of four semesters but the candidate will have to complete within four years from the session of enrollment.

Admission Qualification

A candidate seeking admission to MBA program should have passed three years Bachelor's degree from recognized University in any discipline.

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|-------------------------------|---------|---------------------|-------------|-------|
| MB01 | Management Concepts | 5 | 25 | 75 | 100 |
| MB02 | Organisation Behaviour | 5 | 25 | 75 | 100 |
| MB03 | Managerial Economics | 5 | 25 | 75 | 100 |
| MB04 | Management Information System | 5 | 25 | 75 | 100 |
| MB05 | Legal Aspects of Business | 5 | 25 | 75 | 100 |
| MB06 | Accounting For Management | 5 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|------------------------------|---------|---------------------|-------------|-------|
| MB07 | Production Management | 5 | 25 | 75 | 100 |
| MB08 | Marketing Management | 5 | 25 | 75 | 100 |
| MB09 | Human Resource Management | 5 | 25 | 75 | 100 |
| MB10 | Financial Management | 5 | 25 | 75 | 100 |
| MB11 | Quality Management | 5 | 25 | 75 | 100 |
| MB12 | Research Methods In Business | 5 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------------------|---------|---------------------|-------------|-------|
| MB13 | Project Management | 5 | 25 | 75 | 100 |
| MB14 | Strategic Management | 5 | 25 | 75 | 100 |
| MB15 | International Business | 5 | 25 | 75 | 100 |
| MB16 | First Elective Stream Subject-1 | 5 | 25 | 75 | 100 |

| | | | | | |
|------|---------------------------------|---|----|----|-----|
| MB17 | First Elective Stream Subject-2 | 5 | 25 | 75 | 100 |
| MB18 | First Elective Stream Subject-3 | 5 | 25 | 75 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------------------------|---------|---------------------|-------------|-------|
| MB19 | Applied Management Operation Research | 5 | 25 | 75 | 100 |
| MB20 | Indian Business Environment | 5 | 25 | 75 | 100 |
| MB21 | Second Elective Stream Subject-1 | 5 | 25 | 75 | 100 |
| MB22 | Second Elective Stream Subject-2 | 5 | 25 | 75 | 100 |
| MB23 | Second Elective Stream Subject-3 | 5 | 25 | 75 | 100 |
| MB24 | Project | 5 | 25 | 75 | 100 |

A candidate can choose any two from the list of specialization subjects listed below. One subject shall be chosen in the third semester while the others in the fourth semester.

Specialization List

1. Human Resource(HR)
2. Finance
3. Information Technology(IT)
4. Marketing
5. Banking
6. Operations
7. Hospitality Management
8. Retail Management (RM)
9. Project Management (PM)
10. Total Quality Management (TQM)

The streams shall consist of the following subjects-

| Prog-Sem | Stream | Course Code | Course Name | Credits | Internal Assessment | Examination | Total |
|----------|---------|-------------|------------------------------|---------|---------------------|-------------|-------|
| MBA-3 | Banking | MBBN-01 | Indian Banking System | 5 | 25 | 75 | 100 |
| MBA-3 | Banking | MBBN-02 | Retailing and CRM in Banking | 5 | 25 | 75 | 100 |
| MBA-3 | Banking | MBBN-03 | Financial Derivatives | 5 | 25 | 75 | 100 |
| MBA-3 | Finance | MBFN-01 | Behavioural Finance | 5 | 25 | 75 | 100 |
| MBA-3 | Finance | MBFN-02 | Financial Engineering | 5 | 25 | 75 | 100 |



| | | | | | | | |
|-------|------------------------|---------|---|---|----|----|-----|
| MBA-3 | Finance | MBFN-03 | Corporate Structured Finance | 5 | 25 | 75 | 100 |
| MBA-3 | Hospitality Management | MBHM-01 | Tourism Planning and Marketing | 5 | 25 | 75 | 100 |
| MBA-3 | Hospitality Management | MBHM-02 | International Hospitality Law | 5 | 25 | 75 | 100 |
| MBA-3 | Hospitality Management | MBHM-03 | Hospitality Management | 5 | 25 | 75 | 100 |
| MBA-3 | Human Resource | MBHR-01 | Legal Framework Governing Human Relations | 5 | 25 | 75 | 100 |
| MBA-3 | Human Resource | MBHR-02 | Human Resource Development Strategies and Systems | 5 | 25 | 75 | 100 |
| MBA-3 | Human Resource | MBHR-03 | Cross Cultural and Global Management | 5 | 25 | 75 | 100 |
| MBA-3 | Information Technology | MBIT-01 | Database Management | 5 | 25 | 75 | 100 |
| MBA-3 | Information Technology | MBIT-02 | System Analysis and Design | 5 | 25 | 75 | 100 |
| MBA-3 | Information Technology | MBIT-03 | Management Support System | 5 | 25 | 75 | 100 |
| MBA-3 | Marketing | MBMK-01 | Consumer Behaviour | 5 | 25 | 75 | 100 |
| MBA-3 | Marketing | MBMK-02 | Sale Promotion Management | 5 | 25 | 75 | 100 |
| MBA-3 | Marketing | MBMK-03 | Marketing of Services | 5 | 25 | 75 | 100 |
| MBA-3 | Operations | MBOP-01 | Purchasing and Materials Management | 5 | 25 | 75 | 100 |
| MBA-3 | Operations | MBOP-02 | Logistics Management | 5 | 25 | 75 | 100 |
| MBA-3 | Operations | MBOP-03 | Service Operation Management | 5 | 25 | 75 | 100 |
| MBA-3 | Project Management | MBPM-01 | Introduction to Project Management | 5 | 25 | 75 | 100 |
| MBA-3 | Project Management | MBPM-02 | Project Planning and Scheduling | 5 | 25 | 75 | 100 |
| MBA-3 | Project Management | MBPM-03 | Managing human resource in Projects | 5 | 25 | 75 | 100 |

| | | | | | | | |
|-------|--------------------------|----------|----------------------------------|---|----|----|-----|
| MBA-3 | Retail Management | MBRM-01 | Buyer Behaviour | 5 | 25 | 75 | 100 |
| MBA-3 | Retail Management | MBRM-02 | Retail Planning | 5 | 25 | 75 | 100 |
| MBA-3 | Retail Management | MBRM-03 | Direct and Network Marketing | 5 | 25 | 75 | 100 |
| MBA-3 | Total Quality Management | MFTQM-01 | Methodological Approaches to TQM | 5 | 25 | 75 | 100 |
| MBA-3 | Total Quality Management | MFTQM-02 | Tools of TQM | 5 | 25 | 75 | 100 |
| MBA-3 | Total Quality Management | MFTQM-03 | Leadership Requirements for TQM | 5 | 25 | 75 | 100 |





Executive MBA (With Specialization)

Course Name: Executive MBA

Duration: 1 Years

Eligibility: Graduation + 3 year work experience / 3 year Polytechnic Diploma + 5 year work experience

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---------------------------|---------|---------------------|-------------|-------|
| EMB-101 | Principles Of Management | 5 | 25 | 75 | 100 |
| EMB-102 | Managerial Economics | 5 | 25 | 75 | 100 |
| EMB-103 | Managerial Accounting | 5 | 25 | 75 | 100 |
| EMB-104 | Financial Management | 5 | 25 | 75 | 100 |
| EMB-105 | Marketing Management | 5 | 25 | 75 | 100 |
| EMB-106 | Human Resource Management | 5 | 25 | 75 | 100 |
| EMB-107 | Organizational Behavior | 5 | 25 | 75 | 100 |
| EMB-108 | Operations Management | 5 | 25 | 75 | 100 |
| EMB-109 | Legal Aspects Of Business | 5 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|-------------------------------|---------|---------------------|-------------|-------|
| EMB-201 | Strategy In Business | 5 | 25 | 75 | 100 |
| EMB-202 | International Business | 5 | 25 | 75 | 100 |
| EMB-203 | Entrepreneurship | 5 | 25 | 75 | 100 |
| EMB-204 | Management Information System | 5 | 25 | 75 | 100 |
| EMB-205 | Elective-1 | 5 | 25 | 75 | 100 |
| EMB-206 | Elective-2 | 5 | 25 | 75 | 100 |
| EMB-207 | Elective-3 | 5 | 25 | 75 | 100 |
| EMB-208 | Elective-4 | 5 | 25 | 75 | 100 |
| EMB-209 | Project Report | 5 | | 100 | 100 |
| EMB-210 | Project Viva -Voice | 2 | | 100 | 100 |

ELECTIVE SUBJECTS

Human Resource Management

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|--|---------|---------------------|-------------|-------|
| EMBHR-205 | Training & Development | 5 | 25 | 75 | 100 |
| EMBHR-206 | Organizational Development & Team Building | 5 | 25 | 75 | 100 |
| EMBHR-207 | Industrial Relation | 5 | 25 | 75 | 100 |
| EMBHR-208 | International HRM | 5 | 25 | 75 | 100 |

Finance Management

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|--|---------|---------------------|-------------|-------|
| EMBFM-205 | Corporate Finance | 5 | 25 | 75 | 100 |
| EMBFM-206 | Investment Management | 5 | 25 | 75 | 100 |
| EMBFM-207 | Security Analysis & Portfolio Management | 5 | 25 | 75 | 100 |
| EMBFM-208 | Financial Derivatives | 5 | 25 | 75 | 100 |

IT Management

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|-------------------------------------|---------|---------------------|-------------|-------|
| EMBIT-205 | Database Management System | 5 | 25 | 75 | 100 |
| EMBIT-206 | Structured System Analysis & Design | 5 | 25 | 75 | 100 |
| EMBIT-207 | E-Commerce | 5 | 25 | 75 | 100 |
| EMBIT-208 | ERP | 5 | 25 | 75 | 100 |

Marketing Management

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|--|---------|---------------------|-------------|-------|
| EMBMM-205 | Services Marketing | 5 | 25 | 75 | 100 |
| EMBMM-206 | Brand Management | 5 | 25 | 75 | 100 |
| EMBMM-207 | Industrial Marketing | 5 | 25 | 75 | 100 |
| EMBMM-208 | Marketing Research & Consumer Behavior | 5 | 25 | 75 | 100 |

Insurance & Banking

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---------------------------------|---------|---------------------|-------------|-------|
| EMBIN-205 | Principals of Insurance | 5 | 25 | 75 | 100 |
| EMBIN-206 | Management of General Insurance | 5 | 25 | 75 | 100 |



| | | | | | |
|-----------|--------------------------|---|----|----|-----|
| EMBIN-207 | Banking System | 5 | 25 | 75 | 100 |
| EMBIN-208 | Banking Laws & Practices | 5 | 25 | 75 | 100 |

Production & Operation Management

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|----------------------|---------|---------------------|-------------|-------|
| EMBOM-205 | Materials Management | 5 | 25 | 75 | 100 |
| EMBOM-206 | Production Technique | 5 | 25 | 75 | 100 |
| EMBOM-207 | Project Management | 5 | 25 | 75 | 100 |
| EMBOM-208 | Logistic Management | 5 | 25 | 75 | 100 |

Hospitality & Tourism Management

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|-------------------------------|---------|---------------------|-------------|-------|
| EMBHM-205 | Hospitality Management | 5 | 25 | 75 | 100 |
| EMBHM-206 | Tourism Planning & Marketing | 5 | 25 | 75 | 100 |
| EMBHM-207 | International Hospitality Law | 5 | 25 | 75 | 100 |
| EMBHM-208 | Tourism Business Environment | 5 | 25 | 75 | 100 |

Retail Management

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---|---------|---------------------|-------------|-------|
| EMBRM-205 | Retailing & Retail Formats | 5 | 25 | 75 | 100 |
| EMBRM-206 | Retail Strategies | 5 | 25 | 75 | 100 |
| EMBRM-207 | Retail Organization & Managing Retail Personnel | 5 | 25 | 75 | 100 |
| EMBRM-208 | Retail Merchandise Management | 5 | 25 | 75 | 100 |

Project Management

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---|---------|---------------------|-------------|-------|
| EMBPM-205 | Project Management Concepts | 5 | 25 | 75 | 100 |
| EMBPM-206 | Project Planning | 5 | 25 | 75 | 100 |
| EMBPM-207 | Project Performance Measurement Control | 5 | 25 | 75 | 100 |
| EMBPM-208 | Project Evaluation Techniques | 5 | 25 | 75 | 100 |

International Marketing

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|-----------------------------------|---------|---------------------|-------------|-------|
| EMBIM-205 | International Trading | 5 | 25 | 75 | 100 |
| EMBIM-206 | International Marketing | 5 | 25 | 75 | 100 |
| EMBIM-207 | World Economy & Globalization | 5 | 25 | 75 | 100 |
| EMBIM-208 | International Logistic Management | 5 | 25 | 75 | 100 |

MBA Industry Intergrated (MBAII)

Course Name: MBA Industry Intergrated

Duration: 2 Years

Eligibility: Graduation

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|---------------------------------------|---------|---------------------|-------------|-------|
| MBII-101 | Management and Organisation Behaviour | 5 | 25 | 75 | 100 |
| MBII-102 | Managerial Economics | 5 | 25 | 75 | 100 |
| MBII-103 | Business Environment | 5 | 25 | 75 | 100 |
| MBII-104 | Financial & Management Accounting | 5 | 25 | 75 | 100 |
| MBII-105 | Quantitative Anaysis | 5 | 25 | 75 | 100 |
| MBII-106 | Computer Applications in Management | 5 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|---------------------------|---------|---------------------|-------------|-------|
| MBII-201 | Financial Management | 5 | 25 | 75 | 100 |
| MBII-202 | Operation Management | 5 | 25 | 75 | 100 |
| MBII-203 | Business Research Methods | 4 | 25 | 75 | 100 |
| MBII-204 | Business Legislation | 4 | 25 | 75 | 100 |
| MBII-205 | Human Resource Management | 4 | 25 | 75 | 100 |
| MBII-206 | Marketing Management | 4 | 25 | 75 | 100 |
| MBII-207 | Training Report | 4 | 25 | 75 | 100 |



Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------------|--|---------|---------------------|-------------|-------|
| MBII-301 | Business Policy and Strategic Analysis | 5 | 25 | 75 | 100 |
| MBII-302 | Management Information System | 5 | 25 | 75 | 100 |
| MBII-303 | Optional -I | 4 | 25 | 75 | 100 |
| MBII-304 | Optional -II | 4 | 25 | 75 | 100 |
| MBII-305 | Optional -I | 4 | 25 | 75 | 100 |
| MBII-306-L | Optional -II | 4 | 25 | 75 | 100 |
| MBII-307-L | Training Report | 4 | 25 | 75 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|----------------------------|---------|---------------------|-------------|-------|
| MBII-401 | Entrepreneurship | 5 | 25 | 75 | 100 |
| MBII-402 | Crisis Management | 5 | 25 | 75 | 100 |
| MBII-403 | Optional -I | 5 | 25 | 75 | 100 |
| MBII-404 | Optional -II | 4 | 25 | 75 | 100 |
| MBII-405 | Optional -I | 4 | 25 | 75 | 100 |
| MBII-406 | Optional -II | 4 | 25 | 75 | 100 |
| MBII-407 | Project Report | 4 | 25 | 75 | 100 |
| MBII-408 | Comprehensive Viva - Voice | 4 | 25 | 75 | 100 |

Viva – Voice exam to be conducted by the Industry expert, external examiner and the Principal/Director of the concerned Institute.

Specializations Offered in 2 year MBA (Industry Integrated) program

1. Sales and Marketing
2. Financial Services and Banking
3. Retail Management
4. Information Technology
5. International Business
6. Human Resource Management

List of Optional Papers

1. **SALES AND MARKETING**

THIRD SEMESTER

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|------------------------|---------|---------------------|-------------|-------|
| II-SM-1 | Consumer Behavior | | 25 | 75 | 100 |
| II-SM-2 | Advertising Management | | 25 | 75 | 100 |

FOURTH SEMESTER

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|-----------------------------------|---------|---------------------|-------------|-------|
| II-SM-3 | Sales and Distribution Management | | 25 | 75 | 100 |
| II-SM-4 | Brand Management | | 25 | 75 | 100 |

2. FINANCIAL SERVICES AND BANKING

THIRD SEMESTER

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|--|---------|---------------------|-------------|-------|
| II-FSB-1 | Security Analysis & Portfolio Management | | 25 | 75 | 100 |
| II-FSB-2 | Strategic Cost Management | | 25 | 75 | 100 |

FOURTH SEMESTER

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|--|---------|---------------------|-------------|-------|
| II-FSB-3 | Management of Banking and Financial Institutions | | 25 | 75 | 100 |
| II-FSB-4 | Project Planning and Control | | 25 | 75 | 100 |

3. RETAIL MANAGEMENT

THIRD SEMESTER

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| II-RM-1 | Introduction to Retailing | | 25 | 75 | 100 |
| II-RM-2 | Retail Buying & Merchandise Management | | 25 | 75 | 100 |

FOURTH SEMESTER

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| II-RM-3 | Retail Selling & Customer Service | | 25 | 75 | 100 |
| II-RM-4 | Supply Chain Management Retail Information & Logistics | | 25 | 75 | 100 |



4. INTERNATIONAL BUSINESS

THIRD SEMESTER

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| II-IB-1 | Foreign Exchange Management | | 25 | 75 | 100 |
| II-IB-2 | Export-Import Procedures and Documentation | | 25 | 75 | 100 |

FOURTH SEMESTER

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|------------------------------------|---------|---------------------|-------------|-------|
| II-IB-3 | International marketing | | 25 | 75 | 100 |
| II-IB-4 | Foreign Trade Policy and Promotion | | 25 | 75 | 100 |

5. INFORMATION TECHNOLOGY

THIRD SEMESTER

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|-----------------------------|---------|---------------------|-------------|-------|
| II-IT-1 | Data Base Management System | | 25 | 75 | 100 |
| II-IT-2 | System Analysis and Design | | 25 | 75 | 100 |

FOURTH SEMESTER

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|----------------------|---------|---------------------|-------------|-------|
| II-IT-3 | Internet Programming | | 25 | 75 | 100 |
| II-IT-4 | ERP Solutions | | 25 | 75 | 100 |

6. HUMAN RESOURCE MANAGEMENT

THIRD SEMESTER

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|-------------------------------------|---------|---------------------|-------------|-------|
| II-HRM-1 | Strategic Human Resource Management | | 25 | 75 | 100 |
| II-HRM-2 | Talent Management | | 25 | 75 | 100 |

FOURTH SEMESTER

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|----------------------------|---------|---------------------|-------------|-------|
| II-HRM-3 | Training & Development | | 25 | 75 | 100 |
| II-HRM-4 | Organizational Development | | 25 | 75 | 100 |

BBA

Course Name : BBA

Duration: 3 years

Eligibility :

- a) Candidates who have successfully completed the requirements of Pre University / Higher Secondary / 10 + 2 Examination or Equivalent from a recognized Board / Council
- b) OR Diploma Holders (10 + 3) of a recognized University / State Technical Board

Academic Structure

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--------------------------------|---------|---------------------|-------------|-------|
| BBA-011 | Principles of Management | 3 | 25 | 75 | 100 |
| BBA-012 | Marketing Management | 4 | 25 | 75 | 100 |
| BBA-013 | Managerial Economics | 3 | 25 | 75 | 100 |
| BBA-014 | Introduction to Computers | 2 | 25 | 75 | 100 |
| BBA-015 | English-I | 2 | 25 | 75 | 100 |
| BBA-016 | Indian Constitution and Ethics | 2 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--------------------------------------|---------|---------------------|-------------|-------|
| BBA-021 | Organization Behaviour | 3 | 25 | 75 | 100 |
| BBA-022 | Business Communication | 3 | 25 | 75 | 100 |
| BBA-023 | Business Law | 3 | 25 | 75 | 100 |
| BBA-024 | Production and Operations Management | 3 | 25 | 75 | 100 |
| BBA-025 | Financial Accounting | 3 | 25 | 75 | 100 |
| BBA-026 | Communication in English | 2 | 25 | 75 | 100 |
| BBA-027 | Environmental Studies | 2 | 25 | 75 | 100 |



Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| BBA-031 | Mathematics For Business Economics | 4 | 25 | 75 | 100 |
| BBA-032 | Logistics Management | 3 | 25 | 75 | 100 |
| BBA-033 | Human Resource Management | 3 | 25 | 75 | 100 |
| BBA-034 | Introduction To Internet | 3 | 25 | 75 | 100 |
| BBA-035 | Entrepreneurship & Small Business Management | 3 | 25 | 75 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|-------------------------|---------|---------------------|-------------|-------|
| BBA-041 | Advertising Fundamental | 4 | 25 | 75 | 100 |
| BBA-042 | Business Policy | 3 | 25 | 75 | 100 |
| BBA-043 | Financial Reporting | 3 | 25 | 75 | 100 |
| BBA-044 | E-Commerce | 3 | 25 | 75 | 100 |
| BBA-045 | Project Management | 3 | 25 | 75 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---------------------------|---------|---------------------|-------------|-------|
| BBA-051 | Corporate Legal Framework | 3 | 25 | 75 | 100 |
| BBA-052 | Business Environment | 3 | 25 | 75 | 100 |
| BBA-053 | Elective-I | 3 | 25 | 75 | 100 |
| BBA-054 | Elective-II | 3 | 25 | 75 | 100 |
| BBA-055 | Elective-III | 3 | 25 | 75 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|-------------------------------|---------|---------------------|-------------|-------|
| BBA-061 | Management Information System | 3 | 25 | 75 | 100 |
| BBA-062 | Quality Management | 3 | 25 | 75 | 100 |
| BBA-063 | Elective-I | 3 | 25 | 75 | 100 |
| BBA-064 | Elective-II | 3 | 25 | 75 | 100 |
| BBA-065 | Project | 6 | | 100 | 100 |

Elective Subjects shall be announced in the following streams

Finance

Semester - V

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|------------------------------|---------|---------------------|-------------|-------|
| 1 | Behaviour Finance | 3 | 25 | 75 | 100 |
| 2 | Financial Engineering | 3 | 25 | 75 | 100 |
| 3 | Corporate Structural Finance | 3 | 25 | 75 | 100 |

Semester - VI

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|--|---------|---------------------|-------------|-------|
| 1 | Security Analysis and Portfolio Management | 3 | 25 | 75 | 100 |
| 2 | Corporate Taxation | 3 | 25 | 75 | 100 |

Marketing

Semester - V

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|----------------------------|---------|---------------------|-------------|-------|
| 1 | Consumer Behaviour | 3 | 25 | 75 | 100 |
| 2 | Sales Promotion Management | 3 | 25 | 75 | 100 |
| 3 | Marketing of Services | 3 | 25 | 75 | 100 |

Semester - VI

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|----------------------|---------|---------------------|-------------|-------|
| 1 | Brand Management | 3 | 25 | 75 | 100 |
| 2 | Industrial Marketing | 3 | 25 | 75 | 100 |

HR Management

Semester - V

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---|---------|---------------------|-------------|-------|
| 1 | Legal Frame Work Governing Human Relation | 3 | 25 | 75 | 100 |
| 2 | Human Resources Development Strategies and System | 3 | 25 | 75 | 100 |
| 3 | Cross Cultural and Global Management | 3 | 25 | 75 | 100 |



Semester - VI

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|-------------------------|---------|---------------------|-------------|-------|
| 1 | International HRM | 3 | 25 | 75 | 100 |
| 2 | Compensation Management | 3 | 25 | 75 | 100 |

Insurance & Marketing

Semester - V

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------------------|---------|---------------------|-------------|-------|
| 1 | Principle of Banking | 3 | 25 | 75 | 100 |
| 2 | Management of General Insurance | 3 | 25 | 75 | 100 |
| 3 | Banking System | 3 | 25 | 75 | 100 |

Semester - VI

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|--------------------------|---------|---------------------|-------------|-------|
| 1 | Financial Behaviour | 3 | 25 | 75 | 100 |
| 2 | Banking Law and Practice | 3 | 25 | 75 | 100 |

Retail Management

Semester - V

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|------------------------------|---------|---------------------|-------------|-------|
| 1 | Buyer Behaviour | 3 | 25 | 75 | 100 |
| 2 | Retail Planning | 3 | 25 | 75 | 100 |
| 3 | Direct & Networking Planning | 3 | 25 | 75 | 100 |

Semester - VI

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|--|---------|---------------------|-------------|-------|
| 1 | Retail Strategies | 3 | 25 | 75 | 100 |
| 2 | Retail Organizations Managing Retail Personnel | 3 | 25 | 75 | 100 |

Hospitality Management

Semester - V

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------------------|---------|---------------------|-------------|-------|
| 1 | Tourism Planning and Management | 3 | 25 | 75 | 100 |
| 2 | International Hospitality Law | 3 | 25 | 75 | 100 |
| 3 | Hospitality Management | 3 | 25 | 75 | 100 |

Semester - VI

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|-------------------------------|---------|---------------------|-------------|-------|
| 1 | International Hospitality Law | 3 | 25 | 75 | 100 |
| 2 | Tourism Business Environment | 3 | 25 | 75 | 100 |

Information Technology Management

Semester - V

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|----------------------------|---------|---------------------|-------------|-------|
| 1 | Data Base Management | 3 | 25 | 75 | 100 |
| 2 | System Analysis and Design | 3 | 25 | 75 | 100 |
| 3 | Information Technology | 3 | 25 | 75 | 100 |

Semester - VI

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|------------|---------|---------------------|-------------|-------|
| 1 | E-Commerce | 3 | 25 | 75 | 100 |
| 2 | ERP | 3 | 25 | 75 | 100 |

Product and Operation Management

Semester - V

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|------------------------------|---------|---------------------|-------------|-------|
| 1 | Service Operation Management | 3 | 25 | 75 | 100 |
| 2 | Production Technique | 3 | 25 | 75 | 100 |
| 3 | Material Management | 3 | 25 | 75 | 100 |



Semester - VI

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------|---------|---------------------|-------------|-------|
| 1 | Project Management | 3 | 25 | 75 | 100 |
| 2 | Logistic Management | 3 | 25 | 75 | 100 |

BBA Industry Integrated (BBAll)

Course Name: BBA Industry Integrated

Duration: 3 Years

Eligibility: 10+2 or Equivalent

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|--|---------|---------------------|-------------|-------|
| BBII 101 | Business Organization | 3 | 25 | 75 | 100 |
| BBII 102 | Business Communication Skills - Workshop | 2 | 25 | 75 | 100 |
| BBII 103 | Business Mathematics | 2 | 25 | 75 | 100 |
| BBII 104 | Computer Fundamentals and Applications | 2 | 25 | 75 | 100 |
| BBII 105 | Economic Policy and Analysis | 2 | 25 | 75 | 100 |
| BBII 106L | Financial Accounting | 2 | 25 | 75 | 100 |
| BBII 107L | Environment Management | 2 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|-----------------------------------|---------|---------------------|-------------|-------|
| BBII 201 | Macroeconomic Foundations | 3 | 25 | 75 | 100 |
| BBII 202 | Presentation Skills - Workshop | 2 | 25 | 75 | 100 |
| BBII 203 | Principles of Management | 2 | 25 | 75 | 100 |
| BBII 204 | Business Statistics | 2 | 25 | 75 | 100 |
| BBII 205 | Economic and Business Legislation | 2 | 25 | 75 | 100 |
| BBII 206L | Data Base Management Systems | 1 | 25 | 75 | 100 |
| BBII 207L | Corporate Accounting | 1 | 25 | 75 | 100 |
| BBII 208 | Training Report | 2 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---------------------------------|---------|---------------------|-------------|-------|
| BBII 301 | Business Taxation | 2 | 25 | 75 | 100 |
| BBII 302 | Business Etiquette - Workshop | 2 | 25 | 75 | 100 |
| BBII 303 | Disaster Management - Workshoop | 2 | 25 | 75 | 100 |
| BBII 304 | Corporate Leadership | 2 | 25 | 75 | 100 |
| BBII 305 | Business Environment | 2 | 25 | 75 | 100 |
| BBII 306L | Cost and Management Accounting | 1 | 25 | 75 | 100 |
| BBII 307 | Advanced Information Technology | 2 | 25 | 75 | 100 |
| BBII 308 | Training Report | 2 | 25 | 75 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|--|---------|---------------------|-------------|-------|
| BBII 401 | Indian Financial System | 3 | 25 | 75 | 100 |
| BBII 402 | Indian Business Legends-Workshop | 3 | 25 | 75 | 100 |
| BBII 403 | Developing Managerial Skills Workshop | 2 | 25 | 75 | 100 |
| BBII 404 | Fundamentals of International Business | 2 | 25 | 75 | 100 |
| BBII 405 | Company Law | 2 | 25 | 75 | 100 |
| BBII 406L | Research Methodology | 1 | 25 | 75 | 100 |
| BBII 407 | Computer Networks and Web Development | 2 | 25 | 75 | 100 |
| BBII 408 | Training Report | 2 | 25 | 75 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|---------------------------------|---------|---------------------|-------------|-------|
| BBII 501 | Financial Management | 3 | 25 | 75 | 100 |
| BBII 502 | Operations Management | 3 | 25 | 75 | 100 |
| BBII 503 | Managerial Economics | 3 | 25 | 75 | 100 |
| BBII 504 | Emotional Intelligence Workshop | 2 | 25 | 75 | 100 |
| BBII 505 | Organizational Behavior | 2 | 25 | 75 | 100 |
| BBII 506 | System Analysis and Design | 2 | 25 | 75 | 100 |
| BBII 507 | Business Process Outsourcing | 2 | 25 | 75 | 100 |
| BBII 508 | Training Report | 2 | 25 | 75 | 100 |



Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|-------------------------------|---------|---------------------|-------------|-------|
| BBII 601 | Advanced Management Concepts | 3 | 25 | 75 | 100 |
| BBII 602 | Banking Operations Management | 3 | 25 | 75 | 100 |
| BBII 603 | Business Ethics - Workshop | 3 | 25 | 75 | 100 |
| BBII 604 | Marketing Management | 2 | 25 | 75 | 100 |
| BBII 605 | Human Resource Management | 2 | 25 | 75 | 100 |
| BBII 606 | Small Business Management | 2 | 25 | 75 | 100 |
| BBII 607 | Event Management - Workshop | 2 | 25 | 75 | 100 |
| BBII 608 | Training Report | 2 | 25 | 75 | 100 |



MCA

Course Name: MCA

Duration of Course: 3 Years

Eligibility

- Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognised University with mathematics in 10+2
- or**
- Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognised University have completed their 6 months course in IT/Computer Applications.

Admission to Second Semester

- Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognised University and has successfully completed four semesters of GNIIT or 2 year certificate course from any recognized institution.

Admission to Third Semester

- Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognised University and has successfully completed PGDCA /PGDIT from a recognised University or BE(CS /IT) or GNIIT or PGDCA from Cal-C or BCA/BSc(CS) from a recognised University/DOEACC 'A' level.

Admission to Fifth Semester

- Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognised University and has successfully completed MSc (IT/CS) from a recognised University.

Lateral Exit Scheme

After successful completion of first two semesters of MCA, the candidate shall be eligible to obtain a Post Graduate Diploma in Computer Applications (PGDCA).

After successful completion of first four semesters of MCA, the candidate shall be eligible to obtain Advanced Diploma in Computer Applications (ADCA).

Note : The student who will opt for lateral exit will not be able to continue this Programme

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|----------------|---------|---------------------|-------------|-------|
| MCA11 | Mathematics | 4 | 25 | 75 | 100 |
| MCA12 | Data Structure | 4 | 25 | 75 | 100 |



| | | | | | |
|---------|---|---|----|-----|-----|
| MCA13 | Programming In C | 4 | 25 | 75 | 100 |
| MCA14 | Financial Accounting | 4 | 25 | 75 | 100 |
| MCA15-L | C Programming Lab and Windows Based Application | 1 | | 100 | 100 |
| MCA16-L | Lab-Data Structure | 1 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--|---------|---------------------|-------------|-------|
| MCA21 | Discrete Mathematics | 4 | 25 | 75 | 100 |
| MCA22 | DBMS | 4 | 25 | 75 | 100 |
| MCA23 | Oops With C++ | 4 | 25 | 75 | 100 |
| MCA24 | Computer Organization and Architecture | 4 | 25 | 75 | 100 |
| MCA25L | Lab-DBMS | 1 | | 100 | 100 |
| MCA26L | Lab-Oops With C++ | 1 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|-------------------------------|---------|---------------------|-------------|-------|
| MCA31 | Data Communication | 4 | 25 | 75 | 100 |
| MCA32 | Advanced Computer Graphics | 4 | 25 | 75 | 100 |
| MCA33 | Advanced Operating System | 4 | 25 | 75 | 100 |
| MCA34 | Unix and Shell Programming | 4 | 25 | 75 | 100 |
| MCA35-L | Lab -Unix | 1 | | 100 | 100 |
| MCA36-L | Advanced Operating System-Lab | 1 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|----------------------------------|---------|---------------------|-------------|-------|
| MCA41 | Advanced Software Engineering | 4 | 25 | 75 | 100 |
| MCA42 | Analysis And Design Of Algorithm | 4 | 25 | 75 | 100 |
| MCA43 | Advanced Java Programming | 4 | 25 | 75 | 100 |
| MCA44 | System Programming | 4 | 25 | 75 | 100 |
| MCA45-L | RDBMS-Lab | 1 | | 100 | 100 |
| MCA46-L | Advanced Java Programming-Lab | 1 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--|---------|---------------------|-------------|-------|
| MCA51 | Advanced Computer Network & Security | 4 | 25 | 75 | 100 |
| MCA52 | Internet Programming And Web Designing | 4 | 25 | 75 | 100 |

| | | | | | |
|----------|----------------------------------|---|----|-----|-----|
| MCA53 | Data Warehousing And Data Mining | 4 | 25 | 75 | 100 |
| MCA54 | Elective-I (Any One) | 4 | 25 | 75 | 100 |
| MCA54- 1 | (1) Computer Design | | | | |
| MCA54- 2 | (2) Pattern Recognition | | | | |
| MCA54- 3 | (3) Client Server Architecture | | | | |
| MCA55L | Graphics Lab | 1 | | 100 | 100 |
| MCA56L | Web Designing / Internet Lab | 1 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| MCA61 | Advanced Mis And E-Commerce | 4 | 25 | 75 | 100 |
| MCA62 | Elective-2 | 4 | 25 | 75 | 100 |
| MCA62-1 | (1) Mobile Computing and Communication | | | | |
| MCA62-2 | (2) Operation Research | | | | |
| MCA62-3 | (3) Artificial Intelligence | | | | |
| MCA63 | Elective-3 | | 25 | 75 | 100 |
| MCA63-1 | (1) Simulation and Modeling | | | | |
| MCA63-2 | (2) Advance Computer Architecture | | | | |
| MCA63-3 | (3) Network Management | | | | |
| MCA64 | Project | 6 | | 100 | 100 |

Total Credits – 108

Evaluation System

Evaluation System :

The distribution of marks for evaluation in each subject shall be as follows –

Theory Subjects :

Internal assessment 25 marks

Term End University Examination 75 marks

Practicals :

Term End Practical Examination 100 marks

Project :

Viva Voice and Project 100 marks

Minimum percentage for passing : 40% in each component.

Course exemption : 40% marks in equivalent examination



M.Sc IT (MSCIT)

Course Name: M.Sc IT

Duration of Course: 2 Years

Admission to First Semester

- Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognised University with mathematics in 10+2
- or**
- Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognised University and have either completed their 6 months course in IT/Computer Applications or have one year IT experience.

Lateral Entry Scheme

Admission to Second Semester

- Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognised University and have successfully completed four semesters of GNIIT or 2 year certificate course from any recognized institution.

Admission to Third Semester

Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognised University and has successfully completed PGDCA /PGDIT from a recognised University or BE(CS /IT) or GNIIT or PGDCA from Cal-C or BCA/BSc(CS/IT) from a recognised University/DOEACC 'A' level.

Note : *The student who will opt for lateral exit will not be able to continue this programme.*

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---|---------|---------------------|-------------|-------|
| MS11 | Computer Programming | 5 | 25 | 75 | 100 |
| MS12 | Algorithm Analysis And Design | 4 | 25 | 75 | 100 |
| MS13 | Discrete Mathematics | 3 | 25 | 75 | 100 |
| MS14 | Advanced RDBMS | 3 | 25 | 75 | 100 |
| MS-L1 | Advanced RDBMS-Lab and Computer Programming-Lab and Algorithm Analysis and Design-Lab | 3 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--|---------|---------------------|-------------|-------|
| MS21 | Software Quality and Testing | 4 | 25 | 75 | 100 |
| MS22 | Advanced Communication Networks | 3 | 25 | 75 | 100 |
| MS23 | OOAD And UML | 3 | 25 | 75 | 100 |
| MS24 | Advanced Java | 4 | 25 | 75 | 100 |
| MS25 | Software Architecture | 2 | 25 | 75 | 100 |
| MS-L2 | Advanced Java-Lab and OOAD and UML-Lab | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|---------------------------------|---------|---------------------|-------------|-------|
| MS31 | Project Management and Planning | 3 | 25 | 75 | 100 |
| MS32 | Clint Server Computing | 3 | 25 | 75 | 100 |
| MS33 | Real Time System | 2 | 25 | 75 | 100 |
| MS34 | Project Synopsis | 4 | 25 | 75 | 100 |

Electives Stream 1:

E - Commerce

| | | | | | |
|--------|------------------|---|----|----|-----|
| MSCE11 | E - Commerce | 3 | 25 | 75 | 100 |
| MSCE12 | Data Warehousing | 3 | 25 | 75 | 100 |

Electives Stream 2:

Systems and Networking

| | | | | | |
|---------|----------------------|---|----|----|-----|
| MS 3E21 | Internet Programming | 3 | 25 | 75 | 100 |
| MS 3E22 | Mobile Computing | 3 | 25 | 75 | 100 |

Electives Stream 3:

Multimedia and Cognition

| | | | | | |
|---------|----------------------|-----------|----|----|-----|
| MS 3E31 | Pattern Recognition | 3 | 25 | 75 | 100 |
| MS 3E32 | Multimedia Computing | 3 | 25 | 75 | 100 |
| | Total Credits | 18 | | | |



4th Semester

| | | | | | |
|------|------------------------|---|----|----|-----|
| MS41 | .Net Technology | 4 | 25 | 75 | 100 |
| MS42 | Component Technologies | 3 | 25 | 75 | 100 |
| MS43 | VLSI | 2 | 25 | 75 | 100 |
| MS44 | Project | 6 | 25 | 75 | 100 |

Electives Stream 1:

E-Commerce

| | | | | | |
|---------|--------------------|---|----|----|-----|
| MS 4E13 | Cyber Laws | 2 | 25 | 75 | 100 |
| MS 4E14 | Application Server | 2 | 25 | 75 | 100 |

Electives Stream 2:

Systems and Networking

| | | | | | |
|---------|-------------------------|---|----|----|-----|
| MS 4E23 | Voice and Video Over IP | 2 | 25 | 75 | 100 |
| MS 4E24 | Embedded Systems | 2 | 25 | 75 | 100 |

Electives Stream 3:

Multimedia and Cognition

| | | | | | |
|---------|-------------------------|---|----|----|-----|
| MS 4E33 | Artificial Intelligence | 2 | 25 | 75 | 100 |
| MS 4E34 | Image Processing | 2 | 25 | 75 | 100 |

Total Credits – 73

Evaluation System :

The distribution of marks for evaluation in each subject shall be as follows –

Theory Subjects :

| | |
|---------------------------------|-----------|
| Internal assessment | 25 marks |
| Term End University Examination | 75 marks |
| Practicals : | |
| Term End Practical Examination | 100 marks |
| Project : | |
| Viva Voice and Project | 100 marks |

Minimum percentage for passing : 40% in each component.

Course exemption : 40% marks in equivalent examination

M.Sc Computer Science (MSCS)

Course Name: M.Sc Computer Science

Duration of Course: 2 Years

Admission to First Semester

- Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognised University with mathematics in 10+2
- or**
- Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognised University and have either completed their 6 months course in IT/Computer Applications or have one year IT experience.

Lateral Entry Scheme

Admission to Second Semester

- Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognised University and have successfully completed four semesters of GNIIT or 2 year certificate course from any recognized institution.

Admission to Third Semester

Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognised University and has successfully completed PGDCA /PGDIT from a recognised University or BE(CS /IT) or GNIIT or PGDCA from Cal-C or BCA/BSc(CS/IT) DOEACC 'A' level from a recognised University.

Note : The student who will opt for lateral exit will not be able to continue this programme.

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|---------------------------------------|---------|---------------------|-------------|-------|
| MSCS101 | Discrete Mathematics | 3 | 25 | 75 | 100 |
| MSCS102 | Object Oriented Programming With Java | 3 | 25 | 75 | 100 |
| MSCS103 | Computer Architecture | 4 | 25 | 75 | 100 |
| MSCS104 | Data Structure | 4 | 25 | 75 | 100 |
| MSCS105L | Practicals-1: Oop Using Java | 2 | | 100 | 100 |
| MSCS106L | Practicals-2: Data Structure Using C | 2 | | 100 | 100 |



Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|---|---------|---------------------|-------------|-------|
| MSCS201 | Analysis And Design Of Algorithm | 3 | 25 | 75 | 100 |
| MSCS202 | DBMS | 4 | 25 | 75 | 100 |
| MSCS203 | Linux Internals | 4 | 25 | 75 | 100 |
| MSCS204 | Computer Networks | 3 | 25 | 75 | 100 |
| MSCS205L | Practical-1: ADA & DBMS Laboratory | 2 | | 100 | 100 |
| MSCS206L | Practical-2: Linux Internals & Networking Programming | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|----------------------------------|---------|---------------------|-------------|-------|
| MSCS301 | Software Engineering | 3 | 25 | 75 | 100 |
| MSCS302 | Visual Technologies | 3 | 25 | 75 | 100 |
| MSCS303 | Computer Graphic & Visualization | 3 | 25 | 75 | 100 |
| MSCS304 | Elective-1 | 4 | 25 | 75 | 100 |
| MSCS305 | Mini Project | 6 | | 100 | 100 |

Semester 4rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|-------------------------------------|---------|---------------------|-------------|-------|
| MSCS401 | Management Information System & ERP | 3 | 25 | 75 | 100 |
| MSCS402 | Elective-2 | 5 | 25 | 75 | 100 |
| MSCS403 | Major Project | 10 | | 100 | 100 |

Electives

Semester 3rd

| |
|-----------------------|
| Data Mining |
| Simulation & Modeling |

Semester 4th

| |
|---------------------------------|
| Cryptography & Network Security |
| Theory of Computation |

Note: A Candidate has to choose one from this list as an Elective-1 in 3rd semester and one from the same list as an Elective-2 in the 4th semester.

Bachelor in Computer Application

Duration of Course: 3 Years

Eligibility Criteria :

Admission to First Semester

Admission is open to those candidates who have successfully completed their 10+2 in any discipline.

Lateral Entry Scheme

Admission to Second Semester

The candidate has successfully completed 10+2+ 6 months IT Course from a recognised institute or has a one year of IT experience.

Admission to Third Semester

The candidate who have successfully completed a 3 year Polytechnic Diploma in any subject from State Technical Board after 10th Standard+6 month Computer Application Course /10+2+1 year Computer Application.

Or

Admission is open to those candidates who have successfully completed their 10+2 in any discipline and the candidate has successfully completed two semesters of ADCA from TCIL –IT/DIT/DCA from Cal-C after 10+2 or has done one year certificate / diploma from a reputed / recognised institute or has two years of IT experience.

Lateral Exit Scheme

After successful completion of first semester of BCA, the candidate shall be eligible to obtain a Certificate in Information Technology.

After successful completion of first two semesters of BCA, the candidate shall be eligible to obtain a Diploma in Information Technology.

Note : The student who will opt for lateral exit will not be able to continue this programme.

Program Structure

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---|---------|---------------------|-------------|-------|
| BCA11 | Computer Fundamentals and Windows Based Application | 4 | 25 | 75 | 100 |
| BCA12 | English-I | 2 | 25 | 75 | 100 |
| BCA13 | Programming In C | 2 | 25 | 75 | 100 |
| BCA14 | Data Structure | 2 | 25 | 75 | 100 |
| BCA15-L | C-Programming Lab | 2 | | 100 | 100 |



| | | | | | |
|---------|--------------------------------|---|----|-----|-----|
| BCA16-L | Windows Based Application-Lab | 2 | | 100 | 100 |
| BCA17 | Indian Constitution and Ethics | 2 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| BCA21 | Mathematics | 4 | 25 | 75 | 100 |
| BCA22 | Computer Organization and Architecture | 2 | 25 | 75 | 100 |
| BCA23 | DBMS | 4 | 25 | 75 | 100 |
| BCA24 | OOPS With C++ | 2 | 25 | 75 | 100 |
| BCA25-L | C++ (Lab) | 2 | | 100 | 100 |
| BCA26-L | Data Structure-Lab | 2 | | 100 | 100 |
| BCA27 | Communication In English | 2 | 25 | 75 | 100 |
| BCA28 | Environmental Studies | 2 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|----------------------------|---------|---------------------|-------------|-------|
| BCA31 | Data Communications | 3 | 25 | 75 | 100 |
| BCA32 | Operating Systems | 2 | 25 | 75 | 100 |
| BCA33 | Computer Graphics | 2 | 25 | 75 | 100 |
| BCA34 | Client-Server Architecture | 3 | 25 | 75 | 100 |
| BCA35-L | Graphics Lab | 2 | | 100 | 100 |
| BCA36-L | DBMS Lab | 2 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| BCA41 | Software Engineering | 4 | 25 | 75 | 100 |
| BCA42 | Java Programming | 2 | 25 | 75 | 100 |
| BCA43 | Relational Database Management Systems | 2 | 25 | 75 | 100 |
| BCA44 | Unix And Shell Programming | 4 | 25 | 75 | 100 |
| BCA45-L | Java-Lab | 2 | | 100 | 100 |
| BCA46-L | Unix-Lab | 2 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|------------------------------|---------|---------------------|-------------|-------|
| BCA51 | Algorithm And Analysis | 4 | 25 | 75 | 100 |
| BCA52 | Internet Programming | 2 | 25 | 75 | 100 |
| BCA53 | Application Programming | 4 | 25 | 75 | 100 |
| BCA54 | System Programming | 2 | 25 | 75 | 100 |
| BCA55-L | Web Designing / Internet Lab | 2 | | 100 | 100 |
| BCA56-L | Application Programming Lab | 2 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| BCA61 | MIS And Enterprise Recourse Planning (ERP) | 4 | 25 | 75 | 100 |
| BCA62 | Computer Network And Security | 2 | 25 | 75 | 100 |
| BCA63-L | ADA-Lab | 2 | | 100 | 100 |
| BCA64-L | System Programming-Lab | 4 | | 100 | 100 |
| BCA65 | Project: System Side or Application Side | 6 | | 100 | 100 |

Total Credits of the Programme - 100

Evaluation System :

The distribution of marks for evaluation in each subject shall be as follows –

Theory Subjects :

| | |
|---------------------------------|-----------|
| Internal assessment | 25 marks |
| Term End University Examination | 75 marks |
| Practicals : | |
| Term End Practical Examination | 100 marks |
| Project : | |
| Viva Voice and Project | 100 marks |

Minimum percentage for passing : 40% in each component.

Course exemption : 40% marks in equivalent examination



B.Sc-IT (BSIT)

Course Name: B.Sc-IT

Duration of Course: 3 Years

Eligibility Criteria :

Admission to First Semester

Admission is open to those candidates who have successfully completed their 10+2 in any discipline.

Lateral Entry Scheme

Admission to Second Semester

The candidate has successfully completed 10+2+ 6 months IT/CS Course from a recognised institute or has a one year of IT experience.

Admission to Third Semester

The candidate who have successfully completed a 3 year Polytechnic Diploma in any subject from State Technical Board after 10th Standard+6 month Computer Application Course /10+2+1 year Computer Application.

OR

Admission is open to those candidates who have successfully completed their 10+2 in any discipline and the candidate has successfully completed two semesters of ADCA from TCIL –IT/DIT/DCA from Cal-C after 10+2 or has done one year certificate / diploma in IT/CS from a reputed / recognised institute or has two years of IT/CS experience.

Lateral Exit Scheme

After successful completion of first semester of BSIT, the candidate shall be eligible to obtain a Certificate in Information Technology.

After successful completion of first two semesters of BSIT, the candidate shall be eligible to obtain a Diploma in Information Technology.

Note : The student who will opt for lateral exit will not be able to continue this programme.

Program Structure

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------|-------------------------------------|---------|---------------------|-------------|-------|
| BS11 | Fundamentals Of Computers | 3 | 25 | 75 | 100 |
| BS12 | Operating System | 3 | 25 | 75 | 100 |
| BS13 | Introduction To Digital Electronics | 2 | 25 | 75 | 100 |
| BS14 | Database Management System | 2 | 25 | 75 | 100 |
| BS15 | Basics Of Internet And HTML | 2 | 25 | 75 | 100 |

| | | | | | |
|-------|---|---|----|-----|-----|
| BS-L1 | Database Management System-Lab And Basics Of Internet And HTML-Lab | 2 | | 100 | 100 |
| BS16 | English-I | 2 | 25 | 75 | 100 |
| BS17 | Indian Constitution And Ethics | 2 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---|---------|---------------------|-------------|-------|
| BS21 | Introduction To Programming - C Language | 3 | 25 | 75 | 100 |
| BS22 | Computer Architecture | 2 | 25 | 75 | 100 |
| BS23 | RDBMS | 3 | 25 | 75 | 100 |
| BS24 | Digital Computer Fundamentals | 2 | 25 | 75 | 100 |
| BS25 | Business Communication | 2 | 25 | 75 | 100 |
| BS-L2 | C Programming-Lab And RDBMS-Lab | 2 | | 100 | 100 |
| BS26 | Communication In English | 2 | 25 | 75 | 100 |
| BS27 | Environmental Studies | 2 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--|---------|---------------------|-------------|-------|
| BS31 | Computer Graphics | 3 | 25 | 75 | 100 |
| BS32 | Web Programming & Java Script | 2 | 25 | 75 | 100 |
| BS33 | Data Communication | 2 | 25 | 75 | 100 |
| BS34 | Object Oriented Programming With C++ | 3 | 25 | 75 | 100 |
| BS35 | Mathematics-I | 2 | 25 | 75 | 100 |
| BS-L3 | Web Programming & Java Script-Lab and Object Oriented Programming With C++ Lab | 2 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---|---------|---------------------|-------------|-------|
| BS41 | Visual Programming | 4 | 25 | 75 | 100 |
| BS42 | Computer Networks | 2 | 25 | 75 | 100 |
| BS43 | Data Structures Using C++ | 2 | 25 | 75 | 100 |
| BS44 | Java Programming | 4 | 25 | 75 | 100 |
| BS45 | Mathematics-II | 2 | 25 | 75 | 100 |
| BS-L4 | Data Structures Using C++ Lab and Java Programming | 2 | | 100 | 100 |



Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|--|---------|---------------------|-------------|-------|
| BS51 | Software Engineering | 4 | 25 | 75 | 100 |
| BS52 | Design Analysis and Algorithm | 2 | 25 | 75 | 100 |
| BS53 | Advance Java Programming | 4 | 25 | 75 | 100 |
| BS54 | Network Programming | 2 | 25 | 75 | 100 |
| BS55 | Mathematics-III | 2 | 25 | 75 | 100 |
| BS-L5 | Algorithms-Lab and Advanced Java Programming-Lab | 2 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------|---|---------|---------------------|-------------|-------|
| BS61 | Unix Systems Programming | 4 | 25 | 75 | 100 |
| BS62 | ASP.NET Programming Using C# | 2 | 25 | 75 | 100 |
| BS63 | VB.Net and XML | 2 | 25 | 75 | 100 |
| BS64 | Software Quality and Testing | 4 | 25 | 75 | 100 |
| BS-L6 | Unix Systems Programming- Lab and ASP.NET Programming Using C#-Lab and VB.Net and XML-Lab | 2 | | 100 | 100 |
| BS66 | Project | 6 | | 100 | 100 |

Total Credits of the Programme - 100

Evaluation System :

The distribution of marks for evaluation in each subject shall be as follows –

Theory Subjects :

| | |
|---------------------------------|-----------|
| Internal assessment | 25 marks |
| Term End University Examination | 75 marks |
| Practicals : | |
| Term End Practical Examination | 100 marks |
| Project : | |
| Viva Voice and Project | 100 marks |

Minimum percentage for passing : 40% in each component.

Course exemption : 40% marks in equivalent examination

B.Sc Computer Science (BSCS)

Course Name: B.Sc Computer Science

Duration of Course: 3 Years

Eligibility Criteria :

Admission to First Semester

Admission is open to those candidates who have successfully completed their 10+2 in any discipline.

Lateral Entry Scheme

Admission to Second Semester

The candidate has successfully completed 10+2+6 months IT/CS Course from a recognised institute or has a one year of IT experience.

Admission to Third Semester

The candidate who have successfully completed a 3 year Polytechnic Diploma in any subject from State Technical Board after 10th Standard+6 months Computer Application Course/10+2+1 year Computer Application.

OR

Admission is open to those candidates who have successfully completed their 10+2 in any discipline and the candidate has successfully completed two semesters of ADCA from TCIL –IT/DIT/DCA from Cal-C after 10+2 or has done one year certificate / diploma in IT/CS from a reputed / recognised institute or has two years of IT/CS experience.

Lateral Exit Scheme

After successful completion of first semester of BSc CS, the candidate shall be eligible to obtain a Certificate in Information Technology.

After successful completion of first two semesters of BSc CS, the candidate shall be eligible to obtain a Diploma in Information Technology.

Note : The student who will opt for lateral exit will not be able to continue this programme.

Program Structure

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| BSCS101 | Introduction to Information Technology | 4 | 25 | 75 | 100 |
| BSCS102 | Operating System | 3 | 25 | 75 | 100 |
| BSCS103 | Programming In C | 3 | 25 | 75 | 100 |
| BSCS104 | English-I | 2 | 25 | 75 | 100 |



| | | | | | |
|----------|--------------------------------|---|----|-----|-----|
| BSCS105L | Programming In C-Lab | 2 | | 100 | 100 |
| BSCS106 | Indian Constitution and Ethics | 2 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---------------------------|---------|---------------------|-------------|-------|
| BSCS201 | Logical Computer System | 3 | 25 | 75 | 100 |
| BSCS202 | Computer Architecture | 2 | 25 | 75 | 100 |
| BSCS203 | RDBMS | 3 | 25 | 75 | 100 |
| BSCS204 | Modern Information System | 2 | 25 | 75 | 100 |
| BSCS205 | Business Communication | 2 | 25 | 75 | 100 |
| BSCS-L2 | RDBMS Lab | 2 | | 100 | 100 |
| BS26 | Communication In English | 2 | 25 | 75 | 100 |
| BS27 | Environmental Studies | 2 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|--|---------|---------------------|-------------|-------|
| BSCS301 | Data Structure | 3 | 25 | 75 | 100 |
| BSCS302 | Computer Graphics | 3 | 25 | 75 | 100 |
| BSCS303 | Data Communication | 3 | 25 | 75 | 100 |
| BSCS304 | Object Oriented Programming With C++ | 3 | 25 | 75 | 100 |
| BSCS305 | Mathematics-I | 2 | 25 | 75 | 100 |
| BSCS306L | Object Oriented Programming With C++ Lab | 2 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|--|---------|---------------------|-------------|-------|
| BSCS401 | Networking Concepts | 4 | 25 | 75 | 100 |
| BSCS402 | Fundamentals of Business Mgmt. Practice | 2 | 25 | 75 | 100 |
| BSCS403 | Data Structures Using C++ | 2 | 25 | 75 | 100 |
| BSCS404 | Visual Programming | 4 | 25 | 75 | 100 |
| BSCS405 | Mathematics-II | 2 | 25 | 75 | 100 |
| BSCS406L | Data Structures Using C++ Lab and Visual Programming-Lab | 2 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|------------------------------|---------|---------------------|-------------|-------|
| BSCS501 | Software Engineering | 4 | 25 | 75 | 100 |
| BSCS502 | Internet and Web Development | 3 | 25 | 75 | 100 |
| BSCS503 | Java Programming | 4 | 25 | 75 | 100 |
| BSCS504 | E-Commerce | 3 | 25 | 75 | 100 |
| BSCS505L | Java Programming Lab | 2 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|-------------------------------|---------|---------------------|-------------|-------|
| BSCS601 | Web Technologies & Multimedia | 4 | 25 | 75 | 100 |
| BSCS602 | VB.NET | 2 | 25 | 75 | 100 |
| BSCS603L | VB.NET Lab | 2 | | 100 | 100 |
| BSCS604L | Software-Lab | 2 | | 100 | 100 |
| BSCS605 | Project | 6 | | 100 | 100 |

Total Credits of the Programme - 100





Post Graduate Diploma in Computer Applications (PGDCA)

Course Name: PGDCA

Duration of Course: 1 year

Eligibility: Graduation

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---|---------|---------------------|-------------|-------|
| PGDCA101 | Mathematics | 4 | 25 | 75 | 100 |
| PGDCA102 | Data Structure | 4 | 25 | 75 | 100 |
| PGDCA103 | Programming In C | 4 | 25 | 75 | 100 |
| PGDCA104 | Financial Accounting | 4 | 25 | 75 | 100 |
| PGDCA105L | C Programming-Lab and Windows Based Application-Lab | 1 | | 100 | 100 |
| PGDCA106L | Data Structure-Lab | 1 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|--|---------|---------------------|-------------|-------|
| PGDCA201 | Discrete Mathematics | 4 | 25 | 75 | 100 |
| PGDCA202 | DBMS | 4 | 25 | 75 | 100 |
| PGDCA203 | Oops With C++ | 4 | 25 | 75 | 100 |
| PGDCA204 | Computer Organization and Architecture | 4 | 25 | 75 | 100 |
| PGDCA205L | DBMS-Lab | 1 | | 100 | 100 |
| PGDCA206L | Oops (C++)-Lab | 1 | | 100 | 100 |

Diploma in Computer Application (DCA)

Course Name: Diploma in Computer Application

Duration of Course: 1 Year

Eligibility: 10+2 or equivalent

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|---|---------|---------------------|-------------|-------|
| DCA101 | Computer Fundamentals and Windows Based Application | 4 | 25 | 75 | 100 |
| DCA102 | Communication Skills In English | 4 | 25 | 75 | 100 |

| | | | | | |
|---------|-------------------------------|---|----|-----|-----|
| DCA103 | Programming In C | 4 | 25 | 75 | 100 |
| DCA104 | Data Structure | 3 | 25 | 75 | 100 |
| DCA105L | C Programming Lab | 3 | | 100 | 100 |
| DCA106L | Windows Based Application-Lab | 2 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| DCA201 | Mathematics | 4 | 25 | 75 | 100 |
| DCA202 | Computer Organization and Architecture | 4 | 25 | 75 | 100 |
| DCA203 | DBMS | 4 | 25 | 75 | 100 |
| DCA204 | Oops With C++ | 3 | 25 | 75 | 100 |
| DCA205L | C++ (Lab) | 3 | | 100 | 100 |
| DCA206L | Data Structure - Lab | 2 | | 100 | 100 |

Diploma in Hardware & Networking (DHN)

Course Name: Diploma in Hardware & Networking

Duration of Course: 1 Year

Eligibility: 10+2 or equivalent

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--|---------|---------------------|-------------|-------|
| DHN101 | Fundamentals Of Information Technology & Operating Systems | 4 | 25 | 75 | 100 |
| DHN102 | Basics Of Electronics & Microprocessor | 4 | 25 | 75 | 100 |
| DHN103 | PC Assembling & Troubleshooting | 4 | 25 | 75 | 100 |
| DHN104 | Programming In C | 4 | 25 | 75 | 100 |
| DHN105 | Communication & Soft Skill | 4 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| DHN201 | Computer Networks | 4 | 25 | 75 | 100 |
| DHN202 | Windows 2003 Server Administration | 4 | 25 | 75 | 100 |
| DHN203 | Linux Administration | 4 | 25 | 75 | 100 |
| DHN204 | Database Administration | 4 | 25 | 75 | 100 |
| DHN205L | Software Lab - I (Windows 2003 Server & Linux) | 4 | | 100 | 100 |



Certificate in Computer Application (CCA)

Course Name: Certificate in Computer Application

Duration of Course: 6 Months

Eligibility: 10th Standard or equivalent

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---|---------|---------------------|-------------|-------|
| CCA101 | Computer Fundamentals And Windows Based Application | 4 | 25 | 75 | 100 |
| CCA102 | Communication Skills In English | 4 | 25 | 75 | 100 |
| CCA103 | Programming In C | 4 | 25 | 75 | 100 |
| CCA104 | Data Structure | 3 | 25 | 75 | 100 |
| CCA105L | C Programming - Lab | 3 | | 100 | 100 |
| CCA106L | Windows Based Application-Lab | 2 | | 100 | 100 |

Diploma in Hotel Management (DHM)

Course Name: Diploma in Hotel Management (DHM)

Duration of Course: 1 Year

Eligibility: 10+2 or equivalent

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|-----------------------------|---------|---------------------|-------------|-------|
| DHM101 | Basic Food Production | 4 | 25 | 75 | 100 |
| DHM102 | Basic Food Production Pr. | 4 | | 100 | 100 |
| DHM103 | Food & Beverage Service | 4 | 25 | 75 | 100 |
| DHM104L | Food & Beverage Service Pr. | 2 | | 100 | 100 |
| DHM105 | Front Office Operations | 4 | 25 | 75 | 100 |
| DHM106L | Front Office Operations Pr. | 2 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|---------------------------|---------|---------------------|-------------|-------|
| DHM201 | Computer Fundamentals | 4 | 25 | 75 | 100 |
| DHM202L | Computer Fundamentals Pr. | 4 | | 100 | 100 |

| | | | | | |
|---------|----------------------------------|---|----|-----|-----|
| DHM203 | Hotel House Keeping - I | 4 | 25 | 75 | 100 |
| DHM204L | Hotel House Keeping - I Pr. | 2 | | 100 | 100 |
| DHM205 | Food & Beverage Service - II | 4 | 25 | 75 | 100 |
| DHM206L | Food & Beverage Service - II Pr. | 2 | | 100 | 100 |

Diploma in Nursery Teacher Training (NTT)

Course Name: Diploma in Nursery Teacher Training (NTT)

Duration of Course: 1 Year

Eligibility: 10th Standard or equivalent

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|---------------------------------|---------|---------------------|-------------|-------|
| NTT101 | Child Psychology, Care & Health | 4 | 25 | 75 | 100 |
| NTT102 | Sociology & Guidance | 4 | 25 | 75 | 100 |
| NTT103 | Principles Of Education | 4 | 25 | 75 | 100 |
| NTT104 | Lesson Plan & Teaching | 4 | 25 | 75 | 100 |
| NTT105 | Art & Craft | 4 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|--|---------|---------------------|-------------|-------|
| NTT201 | Education Psychology | 4 | 25 | 75 | 100 |
| NTT202 | Modern Methods Of Teaching | 4 | 25 | 75 | 100 |
| NTT203 | Method Of Teaching Sub. & Computer Education | 4 | 25 | 75 | 100 |
| NTT204 | Art File And Other File | 4 | 25 | 75 | 100 |
| NTT205 | Preparation Of Teaching Aids | 4 | 25 | 75 | 100 |





M.Sc Mathematics (MSMH)

Course : M.Sc Maths

Duration of Course: 2 Years

Eligibility : BA Math / B.Sc Math

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|------------------------|---------|---------------------|-------------|-------|
| Math 1.1 | Algebra | 3 | 20 | 80 | 100 |
| Math 1.2 | Real Analysis - I | 3 | 20 | 80 | 100 |
| Math 1.3 | Complex Analysis - I | 3 | 20 | 80 | 100 |
| Math 1.4 | Discrete Mathematics | 3 | 20 | 80 | 100 |
| Math 1.5 | Differential Equations | 3 | 20 | 80 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|-----------------------|---------|---------------------|-------------|-------|
| Math 2.1 | Linear Algebra | 3 | 20 | 80 | 100 |
| Math 2.2 | Real Analysis - II | 3 | 20 | 80 | 100 |
| Math 2.3 | Complex Analysis - II | 3 | 20 | 80 | 100 |
| Math 2.4 | Numerical Analysis | 3 | 20 | 80 | 100 |
| Math 2.5 | Operation Research | 3 | 20 | 80 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|-----------------------|---------|---------------------|-------------|-------|
| Math 3.1 | Topology | 4 | 20 | 80 | 100 |
| Math 3.2 | Measure Theory | 4 | 20 | 80 | 100 |
| Math 3.3 | Functional Analysis | 4 | 20 | 80 | 100 |
| Math 3.4 | Mathematical Modeling | 4 | 20 | 80 | 100 |
| Math 3.5 | Computer Programming | 4 | 20 | 80 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|-----------------------------|---------|---------------------|-------------|-------|
| Math 4.1 | Number Theory | 4 | 20 | 80 | 100 |
| Math 4.2 | Graph Theory And Algorithms | 4 | 20 | 80 | 100 |
| Math 4.3 | Fluid Mechanics | 4 | 20 | 80 | 100 |
| Math 4.4 | Mathematical Statistics | 4 | 20 | 80 | 100 |
| Math 4.5 | Dissertation | 4 | 20 | 80 | 100 |

Master of Law (LLM) Programme Structure

1. Programme Title

The programme is a Post Graduate in law leading to the award of Master Degree in law (LL.M)

2. Programme duration

The duration of the programme is 'two academic years' from the year of admission to the program.

3. Medium of Instruction

The medium of instruction for LL.M is English. The University supplies study material in English for the students in SLM pattern in addition to face to face counseling. The study material, guidelines will be in English. The contact classes will be conducted in English only. The examination would also be in English medium.

4. Eligibility for Admission

Candidates who have passed LLB/BL from a recognized university are eligible to seek admission to the course. There shall be direct admission to the eligible candidates to the LL.M programme.

5. Scheme of the Programme

The program will be in semester scheme and there shall be four semesters in the duration of two years of the program. The LL.M program is a two years duration master degree programme. There shall be comprising of two semesters.

6. Program Structure and Syllabus

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| LLM - 1 | Research Methodology | 4 | 10 | 90 | 100 |
| LLM - 2 | Introduction to Intellectual Property and Patent Law | 4 | 10 | 90 | 100 |
| LLM - 3 | Law Of Plant Varieties and Farmer Rights | 4 | 10 | 90 | 100 |
| LLM - 4 | Law of Copy Right | 4 | 10 | 90 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|-------------------------------------|---------|---------------------|-------------|-------|
| LLM - 5 | Law of Trade Marks & Domain Names | 4 | 10 | 90 | 100 |
| LLM - 6 | Law Of Design & Integrated Circuits | 4 | 10 | 90 | 100 |
| LLM - 7 | Law of Trade Secrets | 4 | 10 | 90 | 100 |
| LLM - 8 | Technology Law and Society | 4 | 10 | 90 | 100 |



Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|--|---------|---------------------|-------------|-------|
| LLM - 9 | Law on Geographical Indication and Traditional Knowledge | 4 | 10 | 90 | 100 |
| LLM - 10 | Law Relating to Biotechnology | 4 | 10 | 90 | 100 |
| LLM - 11 | Information Technology Law | 4 | 10 | 90 | 100 |
| LLM - 12 | Technology Transfer & IPR | 4 | 10 | 90 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|--------------------------|---------|---------------------|-------------|-------|
| LLM - 13 | I P Audit and Management | 4 | 10 | 90 | 100 |
| LLM - 14 | I P and Competition Law | 4 | 10 | 90 | 100 |
| LLM - 15 | Dissertation | 8 | 20 | 180 | 200 |

8. Scheme of Examination and Marks Break up

- I) There shall be send semester examination at the end of each semester for 90 marks. Internal assessment shall be for 10 marks. Internal Assessment comprises of assignment / project for 10 marks. Valuation of assignment and conducting viva shall be done by concerned and qualified teachers /experts. 75% attendance is compulsory in contact programme in each course according to KSOU norms. Otherwise the candidate is not allowed to sit for the examinations.
- II) Minimum marks for passing is 40 marks in each paper with minimum 36 marks out of 90 in the end semester examinations and 4 out of 10 in the internal assessment.
- III) Minimum marks for passing in case of dissertation would be 80 marks with minimum 08 out of 20 marks in the presentation / viva voice and 72 out of 180 in the dissertation evaluation. Viva-Voice is compulsory for all candidates.
- IV) In each paper there shall be 8 questions out of which 5 question have to be answered (16 X 5) = 80 Marks.

9. Declaration of Results

Declaration of results shall be as per the KSOU rules and regulations. The candidates should score and aggregate of 40% in all courses in both internal assessment (assignments) and the term end examinations.

10. Credit system

The university follows credits system for the LL.M program. There shall be 64 credits for the course. Every subject in the course carries 4 credits excluding the dissertation which carries 8 credits. Every semester carries 16 credits each. Credit denotes number of study hours.

M.Sc in Fashion Design (MSCFD)

Course Name: M.Sc in Fashion Design

Duration: 2 Years

Eligibility: Graduation with Cognitive Subject

Lateral Entry: Candidate who has B.Sc Fashion Design +1 Year Post Graduate Diploma in Fashion Design is eligible for M.Sc Fashion Design 3rd semester

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|---|---------|---------------------|-------------|-------|
| MSCFD/S/110 | Textile Electronics -II | 3 | 20 | 80 | 100 |
| MSCFD/S/120 | Structure & Production of Knitted Fabric | 3 | 20 | 80 | 100 |
| MSCFD/S/130 | Garment Processing | 3 | 20 | 80 | 100 |
| MSCFD/S/140 | Testing of Textiles & Apparels | 3 | 20 | 80 | 100 |
| MSCFD/S/150 | Garment Production Machinery & Equipments | 2 | 20 | 80 | 100 |
| MSCFD/S/160 | Fashion Art & Design | 2 | 20 | 80 | 100 |
| MSCFD/S/170 | Inplant Training - I | 2 | 20 | 80 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|---|---------|---------------------|-------------|-------|
| MSCFD/S/210 | Advanced Computer Programming | 3 | 20 | 80 | 100 |
| MSCFD/S/220 | Fashion Illustration | 3 | 20 | 80 | 100 |
| MSCFD/S/230 | Embroidery & Surface Ornamentation | 3 | 20 | 80 | 100 |
| MSCFD/S/240 | Home Textiles in Fashion | 3 | 20 | 80 | 100 |
| MSCFD/S/250 | Merchandising in Apparel & Fashion Industry | 2 | 20 | 80 | 100 |
| MSCFD/S/260 | Men, Women & Children's Wear | 2 | 20 | 80 | 100 |
| MSCFD/S/270 | Design Collection & Presentation | 2 | 20 | 80 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|----------------------------------|---------|---------------------|-------------|-------|
| MSCFD/S/310 | Apparel Manufacturing Technology | 3 | 20 | 80 | 100 |
| MSCFD/S/320 | Fashion Communication | 3 | 20 | 80 | 100 |



| | | | | | |
|-------------|------------------------------|---|----|----|-----|
| MSCFD/S/330 | Advanced Pattern Making - I | 3 | 20 | 80 | 100 |
| MSCFD/S/340 | Construction of Women's Wear | 3 | 20 | 80 | 100 |
| MSCFD/S/350 | Design Illustration - I | 2 | 20 | 80 | 100 |
| MSCFD/S/360 | Computer Designing - I | 2 | 20 | 80 | 100 |
| MSCFD/S/370 | Seminar | 1 | 20 | 80 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|----------------------------------|---------|---------------------|-------------|-------|
| MSCFD/S/410 | Retail Marketing & Merchandising | 3 | 20 | 80 | 100 |
| MSCFD/S/420 | Knitwear Design Technology | 3 | 20 | 80 | 100 |
| MSCFD/S/430 | Advanced Pattern Making - II | 3 | 20 | 80 | 100 |
| MSCFD/S/440 | Construction of Men's Wear | 3 | 20 | 80 | 100 |
| MSCFD/S/450 | Design Illustration - II | 3 | 20 | 80 | 100 |
| MSCFD/S/460 | Computer Designing - II | 3 | 20 | 80 | 100 |

B.Sc Fashion Design (BSCFD)

Course Name: B.Sc Fashion Design

Duration: 3 Years

Eligibility: 10+2 or Equivalent

Lateral Entry: Candidate who has 10+2+ 1 Year Diploma in Fashion Design/ 10th+3 Year polytechnic Diploma in Fashion or Garment Technology is Eligible for 3rd semester

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|-------------------------------|---------|---------------------|-------------|-------|
| BSCFD/S/110 | Basic Fashion Concepts | 4 | 25 | 75 | 100 |
| BSCFD/S/120 | Fundamentals of Textiles | 4 | 25 | 75 | 100 |
| BSCFD/S/130 | Effective Communication Skill | 4 | 25 | 75 | 100 |
| BSCFD/S/140 | Introduction to Yarn Craft | 4 | 25 | 75 | 100 |
| BSCFD/S/150 | Computer Fundamentals | 4 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|-------------------------------------|---------|---------------------|-------------|-------|
| BSCFD/S/210 | Elements of Design | 5 | 25 | 75 | 100 |
| BSCFD/S/220 | Introduction to Advanced Multimedia | 5 | 25 | 75 | 100 |
| BSCFD/S/230 | Basic of Pattern Making | 5 | 25 | 75 | 100 |
| BSCFD/S/240 | Study of Sewing Technology | 5 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|--|---------|---------------------|-------------|-------|
| BSCFD/S/310 | Concepts of Pattern Making and Stitching | 4 | 25 | 75 | 100 |
| BSCFD/S/320 | Yarns to Fabrics | 3 | 25 | 75 | 100 |
| BSCFD/S/330 | Classification of Fashion Areas | 4 | 25 | 75 | 100 |
| BSCFD/S/340 | Fashion Illustration | 4 | 25 | 75 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|-------------------------------------|---------|---------------------|-------------|-------|
| BSCFD/S/410 | Fabric Preparation for Consumers | 3 | 25 | 75 | 100 |
| BSCFD/S/420 | Basics of Embroidery | 3 | 25 | 75 | 100 |
| BSCFD/S/430 | Import & Export Procedure | 3 | 25 | 75 | 100 |
| BSCFD/S/440 | Financial and Management Accounting | 3 | 25 | 75 | 100 |
| BSCFD/S/450 | Fundamentals of CAD Application | 3 | 25 | 75 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|------------------------------------|---------|---------------------|-------------|-------|
| BSCFD/S/510 | Garment Manufacturing | 4 | 25 | 75 | 100 |
| BSCFD/S/520 | Introduction to Merchandising | 4 | 25 | 75 | 100 |
| BSCFD/S/530 | Electronic - Commerce | 4 | 25 | 75 | 100 |
| BSCFD/S/540 | Production & Operations Management | 3 | 25 | 75 | 100 |



Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|----------------------------|---------|---------------------|-------------|-------|
| BSCFD/S/610 | Quality Control Practices | 3 | 25 | 75 | 100 |
| BSCFD/S/620 | Advanced CAD | 3 | 25 | 75 | 100 |
| BSCFD/S/630 | Basic Consumer Information | 3 | 25 | 75 | 100 |
| BSCFD/S/640 | Marketing and Advertising | 3 | 25 | 75 | 100 |
| BSCFD/S/650 | Project | 3 | 25 | 75 | 100 |

Advance Diploma in Fashion Design (ADFD)

Course Name: Advance Diploma in Fashion Design

Duration: 2 Years

Eligibility: 12th or Equivalent

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------------|-------------------------------------|---------|---------------------|-------------|-------|
| ADFD/S/110 | Effective Communication | 5 | 25 | 75 | 100 |
| ADFD/S/120 | Basics of Computers & Mathematics | 5 | 25 | 75 | 100 |
| ADFD/S/130 | Design Development & Colour Concept | 4 | 25 | 75 | 100 |
| ADFD/S/140 | Basic Element of Textile Science | 4 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------------|---|---------|---------------------|-------------|-------|
| ADFD/S/210 | Basics of Fashion & Principles of Designing | 5 | 25 | 75 | 100 |
| ADFD/S/220 | Element of Textile Science - II | 5 | 25 | 75 | 100 |
| ADFD/S/230 | Basics of Fashion ILLUSTRATION - I | 4 | 25 | 75 | 100 |
| ADFD/S/240 | Basics of Garments Construction - I | 4 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------------|-------------------------------------|---------|---------------------|-------------|-------|
| ADFD/S/310 | Consumer Choice & Range Development | 5 | 25 | 75 | 100 |
| ADFD/S/320 | Basics of Fashion Illustration - II | 4 | 25 | 75 | 100 |

| | | | | | |
|------------|-------------------------------------|---|----|----|-----|
| ADFD/S/330 | Elements of Textile Science | 4 | 25 | 75 | 100 |
| ADFD/S/340 | Basics of Garments Construction -II | 4 | 25 | 75 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------------|--|---------|---------------------|-------------|-------|
| ADFD/S/410 | Indian Costumes Analysis | 5 | 25 | 75 | 100 |
| ADFD/S/420 | Basic Fashion Illustration -III | 4 | 25 | 75 | 100 |
| ADFD/S/430 | Fashion Marketing | 4 | 25 | 75 | 100 |
| ADFD/S/440 | Principle of Costing & Garment Costing | 4 | 25 | 75 | 100 |

Diploma in Fashion Design (DFD)

Course Name: Diploma in Fashion Design

Duration: 1 Years

Eligibility: 12 or Equivalent

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---|---------|---------------------|-------------|-------|
| DFD/S/110 | Communication Skills | 5 | 25 | 75 | 100 |
| DFD/S/120 | Basics of Computers & Mathematics | 5 | 25 | 75 | 100 |
| DFD/S/130 | Basic Design Development & Colour Concept | 5 | 25 | 75 | 100 |
| DFD/S/140 | Basic Element of Textile Science | 5 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|--|---------|---------------------|-------------|-------|
| DFD/S/210 | Introduction to Fashion & Principles of Design | 5 | 25 | 75 | 100 |
| DFD/S/220 | Advance Element of Textile Science -II | 5 | 25 | 75 | 100 |
| DFD/S/230 | Fashion Illustration -I | 5 | 25 | 75 | 100 |
| DFD/S/240 | Concept of Garment Construction -I | 5 | 25 | 75 | 100 |



B.Sc in Interior Design (BSCID)

Course Name: B.Sc in Interior Design

Duration: 3 Years

Eligibility: 10+2 or Equivalent

Lateral Entry: Candidate who has 10+2 + 1Year Diploma in Interior Design is eligible for 3rd semester

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|---|---------|---------------------|-------------|-------|
| BSCID/S/110 | Effective Communication Skills | 5 | 25 | 75 | 100 |
| BSCID/S/120 | Fundamentals of Computers & Mathematics | 5 | 25 | 75 | 100 |
| BSCID/S/130 | Introduction to Drawing & Graphics - I | 5 | 25 | 75 | 100 |
| BSCID/S/140 | Elements of Design | 5 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|----------------------------------|---------|---------------------|-------------|-------|
| BSCID/S/210 | Basic Elements of Material - I | 5 | 25 | 75 | 100 |
| BSCID/S/220 | Basic of Drawing & Graphics - II | 5 | 25 | 75 | 100 |
| BSCID/S/230 | Interior Furnishing - I | 5 | 25 | 75 | 100 |
| BSCID/S/240 | Marketing Management | 5 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|----------------------------------|---------|---------------------|-------------|-------|
| BSCID/S/310 | Advance Elements of Material - I | 4 | 25 | 75 | 100 |
| BSCID/S/320 | Interior Furnishing - I | 4 | 25 | 75 | 100 |
| BSCID/S/330 | Role of Interior Designer - I | 4 | 25 | 75 | 100 |
| BSCID/S/340 | Marketing Research | 3 | 25 | 75 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|--------------------------------|---------|---------------------|-------------|-------|
| BSCID/S/410 | Introduction to services - I | 4 | 25 | 75 | 100 |
| BSCID/S/420 | Role of Interior Designer - II | 4 | 25 | 75 | 100 |
| BSCID/S/430 | Forms of Building Protection | 4 | 25 | 75 | 100 |
| BSCID/S/440 | Painting Interiors | 3 | 25 | 75 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|--------------------------------|---------|---------------------|-------------|-------|
| BSCID/S/510 | Introduction to Services - I | 4 | 25 | 75 | 100 |
| BSCID/S/520 | Role of Interior Designer - II | 4 | 25 | 75 | 100 |
| BSCID/S/530 | Forms of Building Protection | 4 | 25 | 75 | 100 |
| BSCID/S/540 | Painting Interiors | 3 | 25 | 75 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|-------------------------|---------|---------------------|-------------|-------|
| BSCID/S/610 | Interior Design Methods | 4 | 25 | 75 | 100 |
| BSCID/S/620 | Design Decision Process | 4 | 25 | 75 | 100 |
| BSCID/S/630 | CAD - II | 4 | 25 | 75 | 100 |
| BSCID/S/640 | Project - II | 3 | | 100 | 100 |

B.Sc in PCB (BSCPCB)

Course Name: B.Sc in PCB

Duration: 3 Years

Eligibility: 10 + 2 (PCB)

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|--------------------------------|---------|---------------------|-------------|-------|
| PCB/S/110 | Mechanics and Relativity | 5 | 25 | 75 | 100 |
| PCB/S/120 | Electricity and Magnetism | 5 | 25 | 75 | 100 |
| PCB/S/130 | Mathematical Methods and Waves | 5 | 25 | 75 | 100 |
| PCB/S/140 | Inorganic Chemistry - I | 5 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|------------------------|---------|---------------------|-------------|-------|
| PCB/S/210 | Organic Chemistry - I | 5 | 25 | 75 | 100 |
| PCB/S/220 | Physical Chemistry - I | 5 | 25 | 75 | 100 |
| PCB/S/230 | Non Chordata | 5 | 25 | 75 | 100 |
| PCB/S/240 | Genetics | 5 | 25 | 75 | 100 |



Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|-----------------------------------|---------|---------------------|-------------|-------|
| PCB/S/310 | Kinetic Theory and Thermodynamics | 4 | 25 | 75 | 100 |
| PCB/S/320 | Optics | 4 | 25 | 75 | 100 |
| PCB/S/330 | Electronics | 4 | 25 | 75 | 100 |
| PCB/S/340 | Inorganic Chemistry - II | 3 | 25 | 75 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|------------------------|---------|---------------------|-------------|-------|
| PCB/S/410 | Organic Chemistry - II | 4 | 25 | 75 | 100 |
| PCB/S/420 | Physical Chemistry -II | 4 | 25 | 75 | 100 |
| PCB/S/430 | Chordata | 4 | 25 | 75 | 100 |
| PCB/S/440 | Ecology | 3 | 25 | 75 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---|---------|---------------------|-------------|-------|
| PCB/S/510 | Classical Mechanics and Statistical Mechanics | 4 | 25 | 75 | 100 |
| PCB/S/520 | Atomic and Nuclear Physics | 4 | 25 | 75 | 100 |
| PCB/S/530 | Solid State Physics and Devices | 4 | 25 | 75 | 100 |
| PCB/S/540 | Inorganic Chemistry - III | 3 | 25 | 75 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|--------------------------|---------|---------------------|-------------|-------|
| PCB/S/610 | Organic Chemistry - III | 4 | 25 | 75 | 100 |
| PCB/S/620 | Physical Chemistry - III | 4 | 25 | 75 | 100 |
| PCB/S/630 | Bio Chemistry | 4 | 25 | 75 | 100 |
| PCB/S/640 | Bio Technology | 3 | 25 | 75 | 100 |

B.Sc in PCM (BSCPCM)

Course Name: B.Sc in PCM

Duration: 3 Years

Eligibility: 10 + 2 (PCM)

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|--|---------|---------------------|-------------|-------|
| PCM/S/110 | Classical Mechanics | 4 | 25 | 75 | 100 |
| PCM/S/120 | Electromagnetism | 4 | 25 | 75 | 100 |
| PCM/S/130 | Waves & Oscillations Mathematical Physics | 4 | 25 | 75 | 100 |
| PCM/S/140 | Fundamentals of Inorganic Chemistry - I | 4 | 25 | 75 | 100 |
| PCM/S/150 | Fundamentals of Organic Chemistry - I | 4 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|--|---------|---------------------|-------------|-------|
| PCM/S/210 | Fundamentals of Physical Chemistry - I | 4 | 25 | 75 | 100 |
| PCM/S/220 | Introduction to Trigonometry and Algebra | 4 | 25 | 75 | 100 |
| PCM/S/230 | Vectors Algebra | 3 | 25 | 75 | 100 |
| PCM/S/240 | Applied Calculus | 3 | 25 | 75 | 100 |
| PCM/S/250 | Practical - I | 1 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---|---------|---------------------|-------------|-------|
| PCM/S/310 | Heat and Thermodynamics | 4 | 25 | 75 | 100 |
| PCM/S/320 | Applied Optics | 4 | 25 | 75 | 100 |
| PCM/S/330 | Electronic Devices | 4 | 25 | 75 | 100 |
| PCM/S/340 | Fundamentals of Inorganic Chemistry- II | 4 | 25 | 75 | 100 |
| PCM/S/350 | Fundamentals of Organic Chemistry- II | 4 | 25 | 75 | 100 |



Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|--|---------|---------------------|-------------|-------|
| PCM/S/410 | Fundamentals of Physical Chemistry - II | 4 | 25 | 75 | 100 |
| PCM/S/420 | Introduction to Differential Equations | 4 | 25 | 75 | 100 |
| PCM/S/430 | Concepts of Analysis - I | 4 | 25 | 75 | 100 |
| PCM/S/440 | Introduction to Numerical Analysis and Boolean Algebra | 3 | 25 | 75 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---|---------|---------------------|-------------|-------|
| PCM/S/510 | Classical Quantum and Statistical Physics | 3 | 25 | 75 | 100 |
| PCM/S/520 | Nuclear Physics and Laser | 3 | 25 | 75 | 100 |
| PCM/S/530 | Solid State Physics | 3 | 25 | 75 | 100 |
| PCM/S/540 | Fundamentals of Inorganic Chemistry - III | 3 | 25 | 75 | 100 |
| PCM/S/550 | Fundamentals of Organic Chemistry - III | 3 | 25 | 75 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---|---------|---------------------|-------------|-------|
| PCM/S/610 | Fundamentals of Physical Chemistry - II | 5 | 25 | 75 | 100 |
| PCM/S/620 | Concepts of Analysis - II | 4 | 25 | 75 | 100 |
| PCM/S/630 | Introduction to Mechanics | 4 | 25 | 75 | 100 |
| PCM/S/640 | Basics of Linear Programming | 2 | 25 | 75 | 100 |

M.Sc Chemistry (MSCH)

Course Name: M.Sc Chemistry

Duration: 2 Years

Eligibility: B. Sc in Relevant Subject

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|---------------------------------------|---------|---------------------|-------------|-------|
| MSCH/S/110 | Organic Chemistry - I | 6 | 20 | 80 | 100 |
| MSCH/S/120 | Inorganic Chemistry - I | 6 | 20 | 80 | 100 |
| MSCH/S/130P | Practical I - Inorganic Chemistry - I | 3 | | 100 | 100 |
| MSCH/S/140P | Practical II- Organic Chemistry - I | 3 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|--|---------|---------------------|-------------|-------|
| MSCH/S/210 | Physical Chemistry - I | 6 | 20 | 80 | 100 |
| MSCH/S/220 | Polymer Chemistry - I | 6 | 20 | 80 | 100 |
| MSCH/S/230 | Spectroscopy | 3 | 20 | 80 | 100 |
| MSCH/S/240P | Practical III - Physical Chemistry - I | 3 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|---|---------|---------------------|-------------|-------|
| MSCH/S/310 | Organic Chemistry - II | 6 | 20 | 80 | 100 |
| MSCH/S/320 | Inorganic Chemistry - II | 5 | 20 | 80 | 100 |
| MSCH/S/330P | Practical IV - Inorganic Chemistry - II | 3 | | 100 | 100 |
| MSCH/S/340P | Practical V - Organic Chemistry - II | 3 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|---|---------|---------------------|-------------|-------|
| MSCH/S/410 | Physical Chemistry - II | 6 | 20 | 80 | 100 |
| MSCH/S/420 | Chemistry of Natural Products, Biomolecules and Biotechnology | 5 | 20 | 80 | 100 |
| MSCH/S/430 | Drugs | 3 | 20 | 80 | 100 |
| MSCH/S/440P | Practical VI - Physical Chemistry - II | 3 | | 100 | 100 |



M.Sc in Physics (MSPHY)

Course Name: M.Sc in Physics

Duration: 2 Years

Eligibility: B. Sc in Relevent Subject

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------------|--|---------|---------------------|-------------|-------|
| MSCPH/S/110 | Classical and Statistical Mechanics | 5 | 20 | 80 | 100 |
| MSCPH/S/120 | Mathematical Physics & Numerical Methods | 5 | 20 | 80 | 100 |
| MSCPH/S/130 | Molecular Physics and Spectroscopy | 5 | 20 | 80 | 100 |
| MSCPH/S/140P | Practical - I | 3 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|---|---------|---------------------|-------------|-------|
| MSCH/S/210 | Electromagnetic Theory | 5 | 20 | 80 | 100 |
| MSCH/S/220 | Solid State Physics | 5 | 20 | 80 | 100 |
| MSCH/S/230 | Digital Electronics and Microprocessors | 5 | 20 | 80 | 100 |
| MSCH/S/240P | Practical - II | 3 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|-------------------|---------|---------------------|-------------|-------|
| MSCH/S/310 | Quantum Mechanics | 5 | 20 | 80 | 100 |
| MSCH/S/320 | Modern Optics | 5 | 20 | 80 | 100 |
| MSCH/S/330 | Material Science | 4 | 20 | 80 | 100 |
| MSCH/S/340P | Practical - III | 3 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|--|---------|---------------------|-------------|-------|
| MSCH/S/410 | Nuclear Physics | 5 | 20 | 80 | 100 |
| MSCH/S/420 | Micro Controller and Digital Signal Processing | 5 | 20 | 80 | 100 |
| MSCH/S/430 | Communication Electronics | 4 | 20 | 80 | 100 |
| MSCH/S/440P | Practical - IV | 3 | | 100 | 100 |

M.Sc in Zoology (MSZOO)

Course Name: M.Sc in Zoology

Duration: 2 Years

Eligibility: B. Sc in Relevent Subject

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------------|---|---------|---------------------|-------------|-------|
| MSCZ/S/110 | Principles of Molecular Biology & Biotechnology | 6 | 20 | 80 | 100 |
| MSCZ/S/120 | Invertebrates - Structure & Funtion | 6 | 20 | 80 | 100 |
| MSCZ/S/130 | Principles of Biosystematics and Taxonomy | 6 | 20 | 80 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|------------|--|---------|---------------------|-------------|-------|
| MSCZ/S/210 | Introduction to Quantitative Biology & Population Genetics | 6 | 20 | 80 | 100 |
| MSCZ/S/220 | Principle of Biochemistry | 6 | 20 | 80 | 100 |
| MSCZ/S/230 | Animal Physiology | 6 | 20 | 80 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|--------------------------------------|---------|---------------------|-------------|-------|
| MSCZ/S/310 | Cell and Molecular Biology | 5 | 20 | 80 | 100 |
| MSCZ/S/320 | Genral Microbiology and Biochemistry | 5 | 20 | 80 | 100 |
| MSCZ/S/330 | Biotechnology | 4 | 20 | 80 | 100 |
| MSCZ/S/340P | Practicals - I | 3 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|--|---------|---------------------|-------------|-------|
| MSCZ/S/410 | Animal Physiology and Embryology | 7 | 20 | 80 | 100 |
| MSCZ/S/420 | Animal Forms - Ecobiology & Animal Behaviour | 7 | 20 | 80 | 100 |
| MSCZ/S/430P | Practicals - II | 3 | | 100 | 100 |



M.Sc in Botany (MSBOT)

Course Name: M.Sc in Botany

Duration: 2 Years

Eligibility: B. Sc in Relevent Subject

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------------|---------------------------------------|---------|---------------------|-------------|-------|
| MSCBO/S/110 | Algae, Fungi & Bryophytes | 7 | 20 | 80 | 100 |
| MSCBO/S/120 | General Microbiology and Biochemistry | 7 | 20 | 80 | 100 |
| MSCBO/S/130P | Practical - I | 3 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------------|---|---------|---------------------|-------------|-------|
| MSCBO/S/210 | Pteridophytes, Gymnosperms and Palaeo Botany | 5 | 20 | 80 | 100 |
| MSCBO/S/220 | Cytology, Genetics Evolution and Plant Breeding | 5 | 20 | 80 | 100 |
| MSCBO/S/230 | Anatomy, Embryology and Biostatistics | 5 | 20 | 80 | 100 |
| MSCBO/S/240P | Practicals - 2 | 3 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------------|--|---------|---------------------|-------------|-------|
| MSCBO/S/310 | Angiosperm Morphology Taxonomy Medicinal Plant | 7 | 20 | 80 | 100 |
| MSCBO/S/320 | Biotechnology | 7 | 20 | 80 | 100 |
| MSCBO/S/330P | Practicals - 3 | 3 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------------|--|---------|---------------------|-------------|-------|
| MSCBO/S/410 | Plant Physiology, Ecology & Phytogeography | 8 | 20 | 80 | 100 |
| MSCBO/S/420 | Biological Techinques and Instrumentation | 7 | 20 | 80 | 100 |
| MSCBO/S/430P | Practicals - 4 | 3 | | 100 | 100 |

M.Sc in Environment Science (MSES)

Course Name: M. Sc in Environment Science

Duration: 2 Years

Eligibility: B. Sc in Science

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|--|---------|---------------------|-------------|-------|
| MSCES/S/110 | Principles of Environmental Sciences | 4 | 20 | 80 | 100 |
| MSCES/S/120 | Environmental Pollution | 4 | 20 | 80 | 100 |
| MSCES/S/130 | Environmental Toxicology | 4 | 20 | 80 | 100 |
| MSCES/S/140 | Instrumental Techniques | 3 | 20 | 80 | 100 |
| MSCES/S/150 | Environmental Management and Sustainable Development | 3 | 20 | 80 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------------|--|---------|---------------------|-------------|-------|
| MSCES/S/210 | Statistics and Computer Applications in environmental Management | 4 | 20 | 80 | 100 |
| MSCES/S/220 | Biodiversity and Conservation | 4 | 20 | 80 | 100 |
| MSCES/S/230 | Concepts & Management of Industrial Ecology | 4 | 20 | 80 | 100 |
| MSCES/S/240 | Occupational Health and Industrial Safety | 3 | 20 | 80 | 100 |
| MSCES/S/250P | Practical | 3 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|-------------------------------------|---------|---------------------|-------------|-------|
| MSCES/S/310 | Environmental Impact Assessment | 4 | 20 | 80 | 100 |
| MSCES/S/320 | Waste Management and Bioremediation | 4 | 20 | 80 | 100 |
| MSCES/S/330 | Remote sensing and GIS | 3 | 20 | 80 | 100 |
| MSCES/S/340 | Environmental Engineering | 3 | 20 | 80 | 100 |
| MSCES/S/350 | Ecotourism | 3 | 20 | 80 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|-----------------------------|---------|---------------------|-------------|-------|
| MSCES/S/410 | Natural Disaster Management | 4 | 20 | 80 | 100 |
| MSCES/S/420 | Green Products | 4 | 20 | 80 | 100 |



| | | | | | |
|-------------|--|---|----|-----|-----|
| MSCES/S/430 | Practical | 3 | | 100 | 100 |
| MSCES/S/440 | Project Work and Viva-Voice | 3 | | 100 | 100 |
| MSCES/S/450 | Industrial and Field Visit/report and Viva-Voice | 3 | 20 | 80 | 100 |

M.Sc in Food & Nutrition (MSFN)

Course Name: M.Sc in Food & Nutrition

Duration: 2 Years

Eligibility: B. Sc PCB/Home Science/B. Sc Relevant Subject

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|-------------------------------|---------|---------------------|-------------|-------|
| MSCFN/S/110 | Advanced Physiology | 5 | 20 | 80 | 100 |
| MSCFN/S/120 | Advanced Food Science | 5 | 20 | 80 | 100 |
| MSCFN/S/130 | Essentials of Macro Nutrients | 4 | 20 | 80 | 100 |
| MSCFN/S/140 | Health and Fitness | 4 | 20 | 80 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|-------------------------------|---------|---------------------|-------------|-------|
| MSCFN/S/210 | Essentials of Micro Nutrients | 5 | 20 | 80 | 100 |
| MSCFN/S/220 | Nutrition Through Life Cycle | 5 | 20 | 80 | 100 |
| MSCFN/S/230 | Food Microbiology | 4 | 20 | 80 | 100 |
| MSCFN/S/240 | Human Rights | 4 | 20 | 80 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|--------------------------|---------|---------------------|-------------|-------|
| MSCFN/S/310 | Nutritional Biochemistry | 5 | 20 | 80 | 100 |
| MSCFN/S/320 | Diet Therapy | 4 | 20 | 80 | 100 |
| MSCFN/S/330 | Community Nutrition | 4 | 20 | 80 | 100 |
| MSCFN/S/340 | Nutrition in Emergencies | 4 | 20 | 80 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-------------|---|---------|---------------------|-------------|-------|
| MSCFN/S/410 | Research Methodology and Applied Statistics | 5 | 20 | 80 | 100 |
| MSCFN/S/420 | Food Biotechnology | 5 | 20 | 80 | 100 |

| | | | | | |
|-------------|----------------|---|----|-----|-----|
| MSCFN/S/430 | Nutraceuticals | 4 | 20 | 80 | 100 |
| MSCFN/S/440 | Project | 3 | | 100 | 100 |

M.Sc in Statistics (MSST)

Course Name: M.Sc in Statistics

Duration: 2 Years

Eligibility: B.Sc in Relevent Subject

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------------|---|---------|---------------------|-------------|-------|
| MSCSTAT/S/110 | Ancillary Mathematics | 3 | 20 | 80 | 100 |
| MSCSTAT/S/120 | Measure Theory and Probability | 3 | 20 | 80 | 100 |
| MSCSTAT/S/130 | Distribution Theory | 3 | 20 | 80 | 100 |
| MSCSTAT/S/140P | Matrix Algebra and Numerical Analysis (Pract) | 3 | | 100 | 100 |
| MSCSTAT/S/150P | Distribution Theory (Pract) | 3 | | 100 | 100 |
| MSCSTAT/S/160P | Computer Programming (Pract) | 3 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------------|---|---------|---------------------|-------------|-------|
| MSCSTAT/S/210 | Inference - I | 3 | 20 | 80 | 100 |
| MSCSTAT/S/220 | Sample Surveys | 3 | 20 | 80 | 100 |
| MSCSTAT/S/230 | Linear Models and Regression Analysis | 3 | 20 | 80 | 100 |
| MSCSTAT/S/240P | Inference - I (Pract) | 3 | | 100 | 100 |
| MSCSTAT/S/250P | Sample Surveys (Pract) | 3 | | 100 | 100 |
| MSCSTAT/S/260P | Linear Models and Regression Analysis (Pract) | 3 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------------|-----------------------|---------|---------------------|-------------|-------|
| MSCSTAT/S/310 | Inference - II | 3 | 20 | 80 | 100 |
| MSCSTAT/S/320 | Design of Experiments | 3 | 20 | 80 | 100 |
| MSCSTAT/S/330 | Time Series Analysis | 2 | 20 | 80 | 100 |



| | | | | | |
|----------------|-------------------------------|---|--|-----|-----|
| MSCSTAT/S/340P | Inference - II (Pract) | 3 | | 100 | 100 |
| MSCSTAT/S/350P | Design of Experiments (Pract) | 3 | | 100 | 100 |
| MSCSTAT/S/360P | Time Series Analysis (Pract) | 3 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------------|--|---------|---------------------|-------------|-------|
| MSCSTAT/S/410 | Multivariate Analysis | 3 | 20 | 80 | 100 |
| MSCSTAT/S/420 | Econometrics and Economic Statistics | 3 | 20 | 80 | 100 |
| MSCSTAT/S/430 | Environmental Statistics | 2 | 20 | 80 | 100 |
| MSCSTAT/S/440P | Multivariate Analysis (Pract) | 3 | | 100 | 100 |
| MSCSTAT/S/450P | Econometrics and Economic Statistics (Pract) | 3 | | 100 | 100 |
| MSCSTAT/S/460P | Time Series Analysis (Pract) | 3 | | 100 | 100 |

M.Sc in Micro-Biology (MSMB)

Course Name: M.Sc in Micro-Biology

Duration: 2 Years

Eligibility: B.Sc in Relevent Subject

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|---|---------|---------------------|-------------|-------|
| MMB-S110 | Bacteriology & Virology | 5 | 20 | 80 | 100 |
| MMB-S120 | Psychology & Mycology | 4 | 20 | 80 | 100 |
| MMB-S130 | Microbial Diversity & Cellular Microbiology | 4 | 20 | 80 | 100 |
| MMB-S140 | Micro Organism & Disease in man | 4 | 20 | 80 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|--|---------|---------------------|-------------|-------|
| MMB-S210 | Microbial Physiology | 5 | 20 | 80 | 100 |
| MMB-S220 | Microbial Genetics | 5 | 20 | 80 | 100 |
| MMB-S230 | Immunology | 4 | 20 | 80 | 100 |
| MMB-S240 | Computer Applications & Bioinformatics | 4 | 20 | 80 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|---------------------------------|---------|---------------------|-------------|-------|
| MMB-S310 | Environmental Microbiology | 5 | 20 | 80 | 100 |
| MMB-S320 | Food Microbiology | 4 | 20 | 80 | 100 |
| MMB-S330 | Microbiology of Dairy & Water | 4 | 20 | 80 | 100 |
| MMB-S340 | Micro Organism & Disease in Man | 4 | 20 | 80 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|--|---------|---------------------|-------------|-------|
| MMB-S410 | Soil & Air Microbiology | 5 | 20 | 80 | 100 |
| MMB-S420 | Plant Microbiology | 4 | 20 | 80 | 100 |
| MMB-S430 | Antimicrobial Drugs & Microbes in Economic Use | 4 | 20 | 80 | 100 |
| MMB-S440 | Microbes & Biotechnology | 4 | 20 | 80 | 100 |

M.Sc in Geography (MSCG)

Course Name: M.Sc in Geography

Duration: 2 Years

Eligibility: B.Sc in Relevent Subject

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|-------------------------|---------|---------------------|-------------|-------|
| MSCG-101 | Geomorphology | 4 | 20 | 80 | 100 |
| MSCG-102 | Cultural Geography | 4 | 20 | 80 | 100 |
| MSCG-103 | Resource Geography | 4 | 20 | 80 | 100 |
| MSCG-104 | Environmental Geography | 4 | 20 | 80 | 100 |
| MSCG-105 | Map Analysis | 2 | 20 | 80 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|----------------------|---------|---------------------|-------------|-------|
| MSCG-201 | Climatology | 4 | 20 | 80 | 100 |
| MSCG-202 | Oceanography | 4 | 20 | 80 | 100 |
| MSCG-203 | Population Geography | 4 | 20 | 80 | 100 |



| | | | | | |
|----------|-------------------------------------|---|----|----|-----|
| MSCG-204 | Development of Geographical Thought | 4 | 20 | 80 | 100 |
| MSCG-205 | Cartograms and Weather Charts | 2 | 20 | 80 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|---|---------|---------------------|-------------|-------|
| MSCG-301 | Urban Geography | 4 | 20 | 80 | 100 |
| MSCG-302 | Agricultural Geography | 4 | 20 | 80 | 100 |
| MSCG-303 | Fundamentals of Remote Sensing | 4 | 20 | 80 | 100 |
| MSCG-304 | Physical Geography of India with reference to Karnataka | 4 | 20 | 80 | 100 |
| MSCG-305 | Statistical Techniques in Geography | 2 | 20 | 80 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|---|---------|---------------------|-------------|-------|
| MSCG-401 | Regional Planning | 4 | 20 | 80 | 100 |
| MSCG-402 | Geographic Information System | 4 | 20 | 80 | 100 |
| MSCG-403 | Socio-Economic Geography of India With reference to Karnataka | 4 | 20 | 80 | 100 |
| MSCG-404 | Dissertation | 4 | 20 | 80 | 100 |



MBA Hospital Management (MBAHM)

Course Name: MBA Hospital Management

Duration: 2 Years

Eligibility: Graduation

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---|---------|---------------------|-------------|-------|
| MBAHP-110 | Management and Organizational Behaviour | 5 | 25 | 75 | 100 |
| MBAHP-120 | Managerial Economics | 5 | 25 | 75 | 100 |
| MBAHP-130 | Business Environment | 5 | 25 | 75 | 100 |
| MBAHP-140 | Health Education | 5 | 25 | 75 | 100 |
| MBAHP-150 | Communication | 5 | 25 | 75 | 100 |
| MBAHP-160 | Basic Information Technology | 5 | 25 | 75 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---|---------|---------------------|-------------|-------|
| MBAHP-210 | Financial and Management Accounting | 5 | 25 | 75 | 100 |
| MBAHP-220 | Quantitative Analysis | 5 | 25 | 75 | 100 |
| MBAHP-230 | Principles of Management | 5 | 25 | 75 | 100 |
| MBAHP-240 | Healthcare Services | 5 | 25 | 75 | 100 |
| MBAHP-250 | Hospital Based Healthcare & its Changing Scenario | 5 | 25 | 75 | 100 |
| MBAHP-260 | Hospital Support Services | 5 | 25 | 75 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|----------------------|---------|---------------------|-------------|-------|
| MBAHP-310 | Human Resource | 5 | 25 | 75 | 100 |
| MBAHP-320 | Marketing Management | 5 | 25 | 75 | 100 |



| | | | | | |
|-----------|--|---|----|----|-----|
| MBAHP-330 | Business Policy and Strategic Analysis | 5 | 25 | 75 | 100 |
| MBAHP-340 | Bio-Medical Waste Management | 5 | 25 | 75 | 100 |
| MBAHP-350 | Legal Aspects of Health | 5 | 25 | 75 | 100 |
| MBAHP-360 | Health Statistics and Health Information System in India | 5 | 25 | 75 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---------------------|---------|---------------------|-------------|-------|
| MBAHP-410 | Entrepreneurship | 6 | 25 | 75 | 100 |
| MBAHP-420 | Crisis Management | 6 | 25 | 75 | 100 |
| MBAHP-430 | Health Insurance | 6 | 25 | 75 | 100 |
| MBAHP-440 | Disaster Management | 6 | 25 | 75 | 100 |
| MBAHP-450 | Hospital Planning | 6 | 25 | 75 | 100 |
| MBAHP-460 | Training Report | 5 | 25 | 75 | 100 |

B.Sc in Animation and Multimedia (BSAM)

Course Name: B.Sc in Animation and Multimedia

Duration: 3 Years

Eligibility: 10+2 or Equvalent

Lateral Entry: Candidate who has 10+2+1 Year Diploma in Animation & Multimedia is Eligible for 3rd semester

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|--------------------------------------|---------|---------------------|-------------|-------|
| AMT-101 | Basic Computer Skills | 4 | 25 | 75 | 100 |
| AMT-102 | Principles of Animation | 3 | 25 | 75 | 100 |
| AMT-103 | Design and Communication Process | 3 | 25 | 75 | 100 |
| AMT-104L | Basic Computer Skills Lab | 2 | | 100 | 100 |
| AMT-105L | Principles of Animation Lab | 2 | | 100 | 100 |
| AMT-106L | Design and Communication Process Lab | 2 | | 100 | 100 |
| AMT-107L | Experimental Animation Lab | 2 | | 100 | 100 |
| AMT-108L | Basic Art Lab | 2 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|-----------------------------------|---------|---------------------|-------------|-------|
| AMT-201 | Communication Skills | 5 | 25 | 75 | 100 |
| AMT-202L | Color Theory & Image Graphics Lab | 2 | 25 | 75 | 100 |
| AMT-203L | 2-D Animation Lab | 2 | | 100 | 100 |
| AMT-204L | 3-D Animation Lab | 2 | | 100 | 100 |
| AMT-205L | Cell Animationn -1 Lab | 2 | | 100 | 100 |
| AMT-206L | Computer Programming Lab | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|--|---------|---------------------|-------------|-------|
| AMT-301 | Web Designing Technologies | 4 | 25 | 75 | 100 |
| AMT-302L | Animation - Modeling Lab | 2 | | 100 | 100 |
| AMT-303 | Fundamentals of Pre - Production | 3 | 25 | 75 | 100 |
| AMT-304L | Digital Film Making Lab | 2 | | 100 | 100 |
| AMT-305L | Print & Advertising Graphic Design Lab | 2 | | 100 | 100 |
| AMT-306L | Character Animation - 1 Lab | 2 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|---|---------|---------------------|-------------|-------|
| AMT-401 | Essentials of Execution & Post Production | 6 | 25 | 75 | 100 |
| AMT-402L | Virtual Set Designing Lab | 2 | | 100 | 100 |
| AMT-403L | Camera & Lighting Techniques Lab | 2 | | 100 | 100 |
| AMT-404L | Texturing & Shading Lab | 2 | | 100 | 100 |
| AMT-405 | History of Motion Picture Industry | 6 | 25 | 75 | 100 |
| AMT-406L | Animation - Regging Lab | 2 | | 100 | 100 |



Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|--|---------|---------------------|-------------|-------|
| AMT-501 | Fundamentals of Aesthetics | 4 | 25 | 75 | 100 |
| AMT-502L | Television Graphics & Animation Lab | 2 | | 100 | 100 |
| AMT-503 | Media Theory | 3 | 25 | 75 | 100 |
| AMT-504L | Acting and Directing for Animation Lab | 2 | | 100 | 100 |
| AMT-505L | Digital Compositing Lab | 2 | | 100 | 100 |
| AMT-506 | Project -I | 2 | | 100 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|--------------------------------------|---------|---------------------|-------------|-------|
| AMT-601 | Publicity Designing & Media Laws | 7 | 25 | 75 | 100 |
| AMT-602L | Special Effects in Feature Films Lab | 2 | | 100 | 100 |
| AMT-603L | Introduction to Game Designing Lab | 2 | | 100 | 100 |
| AMT-604L | Animation Dynamics Lab | 2 | | 100 | 100 |
| AMT-605 | Project -II | 2 | | 100 | 100 |

M.Sc in Animation and Multimedia (MSCAM)

Course Name: M.Sc in Animation and Multimedia

Duration: 2 Years

Eligibility: B. Sc in Animation and Multimedia

Lateral Entry: Candidate who has BSc Animation and Multimedia+1 Year P G Diploma in Animation is Eligible for 3rd semester

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|--|---------|---------------------|-------------|-------|
| MAMT-101 | Communication & Communication Theories | 3 | 20 | 80 | 100 |
| MAMT-102 | Introduction to Computing | 3 | 20 | 80 | 100 |

| | | | | | |
|-----------|-------------------------------------|---|----|-----|-----|
| MAMT-103 | Drawing & Sketching | 3 | 20 | 80 | 100 |
| MAMT-104 | Graphic Design & Visual Arts | 3 | 20 | 80 | 100 |
| MAMT-105 | English Communication & Soft Skills | 3 | 20 | 80 | 100 |
| MAMT-106P | Practical - Paper 103 | 2 | | 100 | 100 |
| MAMT-107P | Practical - Paper 104 | 2 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---|---------|---------------------|-------------|-------|
| MAMT-201 | Web Designing & intro to 2D Animation | 3 | 20 | 80 | 100 |
| MAMT-202 | Script Writing & Story Board Designing | 3 | 20 | 80 | 100 |
| MAMT-203 | Intro to Digital Art Photography | 3 | 20 | 80 | 100 |
| MAMT-204 | Introduction to Advertising & Market Research | 3 | 20 | 80 | 100 |
| MAMT-205 | Introduction to 3D Animation | 3 | 20 | 80 | 100 |
| MAMT-206P | Practical Paper 201 & 202 | 2 | | 100 | 100 |
| MAMT-207P | Practical Paper 203 & 205 | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|-----------|---|---------|---------------------|-------------|-------|
| MAMT-301 | Digital Video & Sound Editing | 3 | 20 | 80 | 100 |
| MAMT-302 | Advance 3D Animation (Modeling & Animation) | 3 | 20 | 80 | 100 |
| MAMT-303 | Film Appreciation | 3 | 20 | 80 | 100 |
| MAMT-304 | Cinematography | 3 | 20 | 80 | 100 |
| MAMT-305 | Advance Cinematics | 3 | 20 | 80 | 100 |
| MAMT-306P | Practical - Paper 301 & 302 | 2 | | 100 | 100 |
| MAMT-307P | Practical - Paper 304 & 305 | 2 | | 100 | 100 |



Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|----------|--|---------|---------------------|-------------|-------|
| MAMT-401 | Advance 3D Animation (Modeling & Animation) II | 4 | 20 | 80 | 100 |
| MAMT-402 | Cartoon Animation & Special Effects | 4 | 20 | 80 | 100 |
| MAMT-403 | Dissertation & Viva | 3 | 20 | 80 | 100 |
| MAMT-404 | Project 2D Animation or 3D Animation | 2 | 20 | 80 | 100 |

Diploma in Animation (DA)

Course Name: Diploma in Animation

Duration: 3 Years

Eligibility: 10th with Math

Semester 1st

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--------------------------------|---------|---------------------|-------------|-------|
| DA-110 | Cell Animation (Theory) | 7 | 25 | 75 | 100 |
| DA-120 | Macromedia Flash (Theory) | 7 | 25 | 75 | 100 |
| DA-130P | Graphics Designing (Practical) | 2 | | 100 | 100 |
| DA-140P | Object Animation (Practical) | 2 | | 100 | 100 |

Semester 2nd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|-----------------------------------|---------|---------------------|-------------|-------|
| DA-210 | Adobe Photoshop (Theory) | 7 | 25 | 75 | 100 |
| DA-220 | Discrete Combustion (Theory) | 7 | 25 | 75 | 100 |
| DA-230P | Computer Animation (Practical) | 2 | | 100 | 100 |
| DA-240P | Composing and Editing (Practical) | 2 | | 100 | 100 |

Semester 3rd

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|---|---------|---------------------|-------------|-------|
| DA-310 | Auto Desk Maya Modelling and Animation (Theory) | 7 | 25 | 75 | 100 |

| | | | | | |
|---------|------------------------------------|---|----|-----|-----|
| DA-320 | Lighting Rendering (Theory) | 7 | 25 | 75 | 100 |
| DA-330P | Character Modeling (Practical) | 2 | | 100 | 100 |
| DA-240P | Environmental Lighting (Practical) | 2 | | 100 | 100 |

Semester 4th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| DA-410 | Character Animation (Theory) | 6 | 25 | 75 | 100 |
| DA-420 | Animation and Rigging (Theory) | 5 | 25 | 75 | 100 |
| DA-430 | Visual Effects (Theory) | 5 | 25 | 75 | 100 |
| DA-440P | Dynamic Practical Illusion (Practical) | 2 | | 100 | 100 |

Semester 5th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|---------|--|---------|---------------------|-------------|-------|
| DA-510 | Web Designing and intro to 2D Animation | 6 | 25 | 75 | 100 |
| DA-520P | Development Body and Face Skills (Practical) | 2 | | 100 | 100 |
| DA-530 | Script Writing & Story Board Designing | 5 | 25 | 75 | 100 |
| DA-540 | Digital Video & Sound Editing | 5 | 25 | 75 | 100 |

Semester 6th

| Code | Subject | Credits | Internal Assessment | Examination | Total |
|--------|----------------------|---------|---------------------|-------------|-------|
| DA-610 | Project Work and Via | 9 | | 100 | 100 |



FEES STRUCTURE FOR ALL PROGRAMME

| S. No. | Particulars | Fees | |
|--------|--|--------|-------|
| | | UG RS | PG RS |
| 1 | Change Of Examination Centre | 1000 | |
| 2 | Re-Evaluation Per Paper | 600 | 800 |
| 3 | Re-Totalling Fee Per Paper/Course | 400 | 500 |
| 4 | Duplicate Markscard | 400 | 450 |
| 5 | Consolidated Marks Card (Additional Delay Fee Of Rs50/- Per Year) | 300 | 350 |
| 6 | Provisional Pass Certificated | 400 | 450 |
| 7 | Migration Certificate (Additional Search Fee Of Rs50/- Per Year) | 400 | 450 |
| 8 | Convocation Fee (In Person Medalists And Rank Holders) | 600 | 650 |
| 9 | Convocation Fee (In Absentia) Additional Search Fee Of Rs50/- Per Year) | 700 | 750 |
| 10 | Genuine Certificate | 400 | 450 |
| 11 | Genuine Certificate/ Verification Certificate For Overseas Students | 2000 | |
| 12 | Change Of The Name With Prior Permission From The University | 1000/- | |
| 13 | Change Of Study Centre | 1000/- | |
| 14 | Re-Enrollment Fees For All Courses After One Year Break | 1000/- | |
| 15 | Issuing Of T.C/N.D.C | 500/- | |
| 16 | Change Of Programme From One Diploma To Other Diploma | 1000/- | |
| 17 | Duplicate I.D. Card | 200/- | |
| 18 | Study Certificate | 500/- | |

Important Instructions To Candidates

- 1) A Candidate seeking admission to the programmes mentioned under List of Comprehensive Programmes on page 10, 11, and 12 of this prospectus should fill-in the Admission Form (attached to the prospectus) legibly in capital letters without overwriting after carefully reading the prospectus and indicate the program he/she wishes to study, In the space provided for the purpose.
- 2) Candidates who have failed or not appeared in any semester / year will be promoted to the next semester till the final semester / year, however he / she must clear all the failed / not appeared subjects within the stipulated maximum duration of a course for the purpose of award of degree / diploma or certificate.

FEES DETAIL

- a) For all programmes listed on page 10, 11, and 12, student shall remit 25 % of the course fee plus Registration fee plus examination fee plus penal fee (if applicable) in the form of a demand draft in favor of Finance Officer, KSOU payable at Mysore and balance 75 % of the course fee in the form of a DD in favor of Algot Universal Trust payable at Faridabad or Delhi
- b) Candidates should not make any cash payments to the study centre / AUT / KSOU under any circumstances, except for the prospectus.
- 3) Candidates while sending the application form shall follow the instructions given below :
 - a) The application form duly filled-in should be submitted to the Study center on or before the last date as mentioned in the advertisement/ academic calendar available on AUT /KSOU website.
 - b) Before remitting the prescribed fees please make sure that you fulfill all the eligibility conditions for admission to the program applied for and enclose all the supporting certificates. Submission of certificates at a later date will not be entertained. The fees once remitted will not be refunded under any circumstances.
- 4) The candidates shall submit the filled-in application forms along with two crossed DD's, identity card and certificates to the respective Study Centers. The Study Centers shall forward these applications to the AUT office at Faridabad, after verifying the original certificates and certifying the Xerox copies by the coordinator of the Study center, along with the seal of the Study center. The study Centers shall return the original certificates and the candidate copy of 'Receipt for Admission Form' to the candidate and retain its copy of the receipt with them.
- 5) Admission made to any programme is provisional till the time University finally approves it.
- 6) Money orders, IPO, or any other mode of payment will not be accepted. The AUT and University will not be responsible for any loss through such modes of payment.
- 7) Candidates are required to preserve carefully the fee paid receipt and Xerox of demand draft for all payments made to the AUT and University, as it is the only valid document accepted. They may have to produce it at the time of obtaining examination admission ticket, marks cards or any other documents.
- 8) Identity Card bearing Permanent Roll NO. will be issued to every candidate after the admission is finalized by the KSOU. Till such time, the provisional list of processed applications will be hosted on



the AUT website [http:// www.algolindia.com](http://www.algolindia.com)

- 9) In all correspondence with the University, the candidate shall quote his/her application No./Roll No., Program applied for and study centre details.
- 10) First semester program fees has to be paid by quoting the application number on the back of the Demand Drafts.

For further details and updates, please visit [http:// www.algolindia.com](http://www.algolindia.com) or <http://www.ksoumysore.edu>.
in regularly or send email to satish.algol@gmail.com

or call 0129 – 4270400 (100 lines), 09350607008. Your Study centre will be your source point for all information and guidance.

General Regulations

- (a) A candidate has to register for all the subjects of a semester / year to which he/she is eligible at the beginning of each semester/year according to the scheduled dates.
- (b) A candidate is permitted to register for the next higher semester in a similar way along with his



Academic Calendar

Semester Mode Courses

| S.No | Events | Semester Mode Courses- July 2012-Jan 2013 |
|------|---|---|
| 1 | Last Date of Admission Without Penal Fee | 13th August 2012 |
| 2 | Last Date of Admission With Penal Fee Rs.200/- | 20th September 2012 |
| 3 | List of Admission to be Submitted to The University for Approval(Strictly in Ledger Form) | 25th September 2012 |
| 4 | Submission of Internal Assessment Marks | 10th December 2012 |
| 5 | Examination Notification | 15th January 2013 |
| 6 | Examination will Begin from | Last Week of January 2013 |



Rules of the University

1. Candidates shall abide by the Rules & Regulations in force as well as those that may be issued by the University from time to time.
2. False declaration of qualification by the candidate will disqualify his/her admission to the University including appropriate penal action.
3. All legal disputes, if any, shall come under the jurisdiction of Mysore City only.
4. This prospectus provides all necessary Information that you need as a candidate of the Semester courses of the University. You are therefore advised to keep this prospectus till you complete your Programme. Avoid unnecessary queries about the details already available in this prospectus.
5. To receive the Degree Certificate after passing the examination, a candidate should apply directly to The Registrar (Evaluation), Karnataka State Open University, Manasagangotri, Mysore- 570006, in the prescribed convocation form. Other details may be obtained from the University or AUT website after the press notification about the convocation is issued by the University.
6. Provisional Pass Certificate will be issued by the Registrar (Evaluation) on request of the candidate with his/her details including photocopy copies of all previous Semester marks cards and on payment of prescribed fee of Rs 300/- (subject to change) through DD drawn in favor of Finance Office, KSOU payable at Mysore, Soon after the declaration of results by the University.
7. If the original Identify Card is lost, duplicate Identity Card may be obtained from the office of the Deputy Registrar (Admission) on payment of Rs. 170/- (subject to change) through DD drawn in favor of Finance Officer, KSOU payable at Mysore.
8. Any change of address should be intimated to the University and AUT. Kindly note that any change of address in the middle of the academic year may cause serious delay or loss in the postal transit.
9. Original certificates of the candidates will initially be verified by the Study Centres and later by AUT / KSOU representatives at a place & time specified by KSOU, in due course.
10. Changes/ updating in the syllabus can be done by KSOU periodically as per the industry demands and to keep abreast of the various technological developments that have taken place.
11. Candidate registered for a Bachelor's Degree / Post Graduate Degree can also pursue a Diploma Programme simultaneously, however, pursuing two Degree Programmes is not permitted.
12. Students should carefully read all official correspondence and other sources of information for students (such as website) to be aware of change of information contained in this prospectus/ Visit KSOU website www.ksoumysore.edu.in and AUT website www.algolindia.com regularly for updates.
13. Fees once paid will not be refunded under any circumstances.
14. Algol Universal Trust, the second party, will be held responsible for any kind of litigation with regards to services.

Disclaimer

Contents of this prospectus are designed with the objective of providing information and broad guidelines to the students. University and Algol Universal Trust reserves the right to modify information with or without notice. For any disputes jurisdiction of Mysore Courts only would be applicable.



ALGOL UNIVERSAL TRUST

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