



*Excellence*



*Aspiration*



*Strategies*

**SCOPE**

**Bangalore**

In Collaboration with

**KARNATAKA STATE OPEN UNIVERSITY**

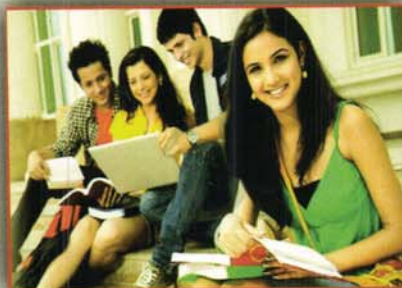
**Mukthagangotri, Mysore-6**



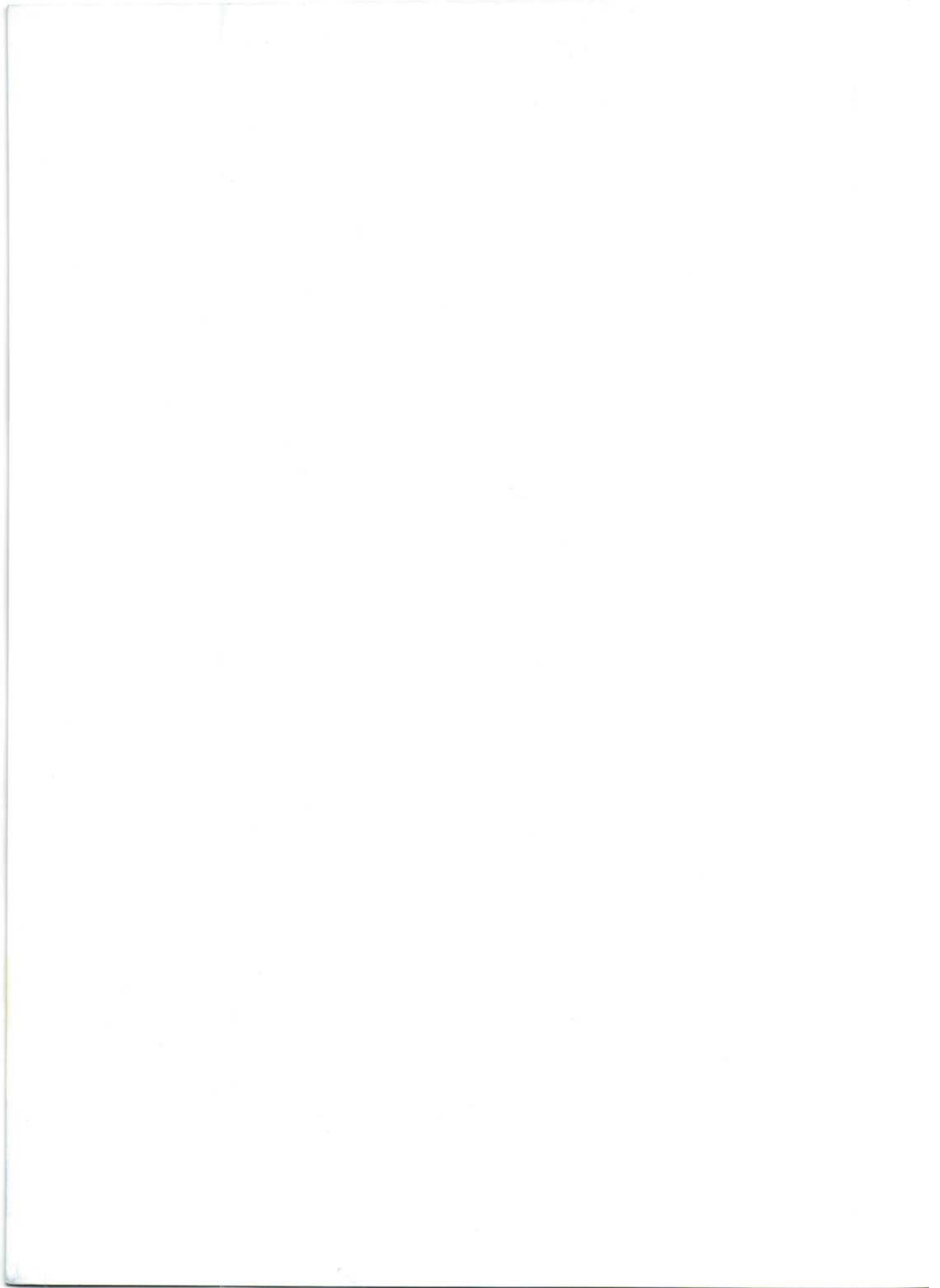
*Achievement*



*Inspiration*



*Prospectus for -  
2014-2015*





# Academic Collaborator

# SCOPE

In Collaboration with

## **KARNATAKA STATE OPEN UNIVERSITY**

Mukthagangotri, Mysore - 570006



### **Organisation Structure**

**Shri. Hans Raj Bhardwaj**

The Hon'ble Governor Of Karnataka And  
Chancellor, Karnataka State Open University

**Shri. Deshpande R.V.**

Hon'ble Higher Education Minister  
( Government Of Karnataka & Pro. Chancellor )

**Prof. M. G. Krishnan**

Vice Chancellor  
Karnataka State Open University

**Registrar**

Prof. P.S.Naik

**Dean (Academic)**

Prof. S.N. Vikram Raj Urs

**Registrar (Evaluation)**

Prof. K. J. Suresh

**Finance Officer**

Prof. Rajashekaraiiah L.

**Dean (Study Centre)**

Prof. T.D. Deve Gowda

### **Telephone & Fax No.s of the University Office / Official**

<b>Vice Chancellor's office</b>	Tel.: 0821-2515149 Fax : 0821-2500846	Administrative Branch Registrar	Tel.: 0821-2515471 Fax: 0821 – 2500847
<b>Academic Section Dean (Academic)</b>	Tel.: 0821 – 2519947 Fax: 0821 – 2500845	Finance Branch Finance Officer	Tel. : 0821 –2510772
<b>Examination Branch Registrar (Exam)</b>	Tel.: 0821 – 2519942	Information and Guidance Cell:	Tel: 0821 –2500871
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## MESSAGE FROM

### HON'BLE VICE CHANCELLOR



Dear Student,

I extend my greetings and best wishes to you all. The academic and administrative acclaim received by the University is a matter of great pride and glory to all of us.

With no limitations of space and time, KSOU has established & maintained its quality and has reached even the remotest parts of Karnataka and beyond. True to our motto- "**Higher education to anyone, anywhere**", the University has set an objective & is being exemplary to reach the doorstep of every aspiring student not only in the state, but throughout the country and abroad.

Accessibility, Quality, Flexibility and Relevance are the major strengths of KSOU whereas Creation, Management and Dissemination of knowledge are its main goals. Today, with the emergence of knowledge society, the horizons of professional activities are expanding and more opportunities are being created for the younger generation to tap their talents and touch greater heights. At the same time, you must realize that there are many challenges awaiting. India's educational system is becoming more dynamic and competitive. Hence, we have to get accustomed and equipped with the pragmatic abilities and capacities to conquer these newer fields of knowledge and get mastery over new techniques and skills.

We want our students to be well educated and thoroughly groomed to become responsible citizens. The glowing track record of achievements of our alumni speaks volume about us and is commendable. I assure all the aspiring candidates joining the University, that we are here to guide, nurture and realize your dreams and goals. So, let us work together and make an endeavor towards better career.

Affectionately,

**Prof. M. G. Krishnan**  
Vice Chancellor

## MESSAGE FROM

### HON'BLE DIRECTOR [SCOPE]



Dear Students,

I Heartily welcome all the students to the New Academic Year. Distance Education is very crucial to the Indian Education System as it provides a much required, convenient, window to students, especially working students, to pursue their educational pursuits even as they work or engage themselves in other activities, like employment or profession or obtaining other additional educational qualifications. We at SCOPE understand that our role is more challenging than that of a Teacher in a Traditional college type Setup and hence, our Technologies are well equipped to handle the logistics to impart mass Education with premium quality and our Coordination with the various Study Centres across India are key to delivering cutting edge solutions to student Issues. We strive daily to deliver our best services, so do our Study Centres. We wish all the Students All the Best in their academics and promise to continue this journey of striving to attain excellence and Urge the Students to Excel in their studies.

With Regards,

Dr. Sandip N. Jha  
Director



## ABOUT UNIVERSITY

Karnataka State Open University plays a significant role in promoting the desired growth of higher education through Open-distance learning system (ODL). Our country will be a super power only when it achieves the targeted growth of higher education, which is possible by the intervention of open and distance learning. The University having a strong genesis of the Institute of Correspondence Course and Continuing Course and Continuing Education (ICC&CE), a pioneer in the Asian continent, was established in 1996 under the state enactment – KSOU Act 1992. As lucidly inscribed in its motto "Higher Education to Everyone Everywhere," KSOU is evolving the strategies to reach the door-steps of the students not only in the state of Karnataka but also in the country and abroad. For this purpose, KSOU has established regional centres, even in abroad.

During 2009-2013 the student enrollment in the University has crossed 2.5 lakh. During 2013-2014 the University is expected to enroll over 2.00 lakh students which are possible through its state-of-art infrastructure, committed staff, and managerial skills. Our community of learners includes Academicians, Administrators, Executives, Officers of Central and State Governments, Politicians, Legal Experts, Artists, Farmers, Writers, Media Persons, Technicians, and others whose age group ranges from 18 to 80 years.

The University encourages the students of Schedule Castes and Schedule Tribes by way of Fee Reimbursement under SC/ST government scholarships. It also encourages the students of economically weaker sections under "Muktha Sanjivini". Prasaaraanga is playing a significant role in promoting the field of literature through the publications of great works of renowned persons.

## 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.



## OBJECTIVES OF KSOU

The Karnataka State Open University came into being to achieve the following objectives:

- Democratizing Higher Education by taking it to the doorsteps of the learners.
- Providing access to high quality education to all those who seek it, irrespective of age, region or formal qualifications.
- Offering need – based academic Programmes by giving professional and vocational orientation to the programme.
- Promoting and developing distance education in India.
- Relaxed entry regulations.
- Providing opportunities to study according to one's own pace and convenience.
- Flexibility in choosing the combination of courses from a wide range of disciplines.
- Providing opportunity to study from one's own chosen place and pace.

## VALUES

The University System is guided in fulfilling its mission by these shared principles and core Values:

- **Learning:** The University System fosters an environment that promotes a life of learning for its constituents and uses feedback from its participants and supporters to improve the quality of its teaching, learning, and support.
- **Quality:** The University System holds a strong commitment to high standards in all aspects of its educational activities, learning outcomes, and support services. It seeks to continuously strengthen the overall effectiveness of its operations.
- **Integrity:** The University System conducts its operations and makes its public representations in an ethical manner. It assesses its operations in an open and collaborative manner and practices fairness, honesty, and objectivity in dealing with its constituencies.
- **Diversity:** The University System embraces and promotes diversity in its policies and practices to prepare its learners to live and work successfully in an increasingly diverse society. It strives to create diverse learning environments by welcoming teachers, learners, and staff that bring diverse ideas, values, backgrounds, and beliefs to the learning and work environment.
- **Freedom of Inquiry and Expression:** The University System supports the rights of its constituents to freely inquire and express their opinions. It engages and encourages an open exchange of ideas and seeks input from all who wish to participate in its learning programs.
- **Accountability:** The University System is accountable to its constituencies and the public for fulfilling its mission in an appropriate manner by openly assessing its operations and by inviting external evaluations by public agencies.
- **Access to Underserved:** The University System seeks to broaden access to its higher education programs by underserved communities who wish to engage the organization in their learning goals.
- **Adaptive and Responsive:** The University System anticipates and adapts to its changing environment and responds to the needs of the organization and its constituencies in manners both appropriate and timely.
- **Innovation:** The University System seeks imaginative and effective solutions to its challenges and innovative ways to fulfill its mission.
- **Collaboration:** The University System seeks and nurtures partnerships with its constituents and the communities it serves in creating effective learning environments for its learners.



## Philosophy and Instructional System in Distance Education

### Self Learning Material (SLM):

The Study Materials are prepared in self learning format. The SLMs are different from the text books. As per guidelines of DEC, New Delhi, The Programs are divided into a Course and the Course is subdivided into Blocks. Each Block has 3 to 5 Units and each Block covers 1 credit which is equivalent to 30 hrs. of study by a student comprising all activities i.e.; Reading and Theory Counseling The University has its own network of Program Study Centers all over India. For the convenience of learners the Program Study Centers will provide Theory Counseling and Library facilities to the learners.

### Practical & Training Work:

University has its own set up of Work Centers all over India, which are attached to the Program Study Centers as per requirement of the learners. The Work Center will provide Practical Counseling to the learners.

### Evaluation Procedure:

#### Evaluation for each course covers two aspects:

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 Marks
- Minimum for pass is each course is 40% [In Internal Assessment + Term End Examination]



### Assignment:

Internal Assessment is an integral part of the Open Distance Learning System. The main purpose of Internal Assessment is to assess the ability of student in understanding the Study Material. To facilitate the Distance Learners, Karnataka State Open University (KSOU) has adopted the assignment system.

The student should write his/her Name, Enrollment number, Course, Subject and phone number while submitting the Written Assignment to the University. While submitting the Original Written Assignments to the University student should preserve the Xerox Copies of all the assignments.

Most importantly, student should submit his/her Written Assignments to the University, during the year of his/her Admission only. Students are required to submit assignments according to the prescribed schedule before the term-end examination. In case, the student has not submitted the assignment within the prescribed date, the result of such candidate will be declared on the basis of the theory marks only.

Student has no opportunity of submitting the Written Assignments in subsequent years other than the year of his/her admission.

**In case, failing to submit hand written assignments, such candidates are not eligible for the completion of this programme. After getting admission to the university, the student must submit his/her Written Assignments.**

**\*Assignments cannot be submitted for the second time for improvement.**

## Special Features

The Open-Distance-Learning (ODL) 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:

- Candidates who discontinue their formal education owing to pecuniary or other circumstances
- Candidates residing in geographically remote areas
- Candidates who cannot get admission to a regular college / Post-graduate department
- Employed persons who cannot pursue their study as full-time candidates
- Individuals who wish to pursue learning for knowledge sake
- Candidates who wish to update knowledge and skills



The Open-Distance-Learning (ODL) system is perhaps the only system that has been planned in such a way that it is able to cater to all those who desire to seek Higher Education in spite of the fact that they are in a disadvantageous position due to social, economic, spatial and such other reasons. Also to cater to the increasing demand for Higher Education, flexibilities in terms of age, qualification, location, time, etc., have been introduced to the maximum extent.



## STUDY CENTRES

KSOU is committed to cater to the requirements of the students on the basis of conventional and non-conventional methods of teaching learning. The Study Centers are established to provide face to face interaction between the students and KSOU on all aspects of the academic programme. These Centers provide weekend counseling, library facilities, and other information. These will be available to the students during their visits to the study centers.

All the important communications are sent to the co-ordinator of the centers and the co-ordinator will display a copy of such circular/ notification on the notice board of the study centre for the benefit of all the students. You are therefore advised to keep in touch with your nearest study centre.

**Information with regard to submission of assignments, examination forms, issue of admission tickets, examination time-table, declaration of results etc., can be obtained from respective Co-ordinator of the study centers.**





## ACADEMIC SYSTEM

Karnataka State Open University has developed the following set of norms and procedure to conduct the examinations

### Procedure of Examination:

Candidate shall register for all subjects (whole examination) when he/she appears for the examination for the first time (during the year of admission).

### Examination Centres:

The university will identify the unique Examination centres depending upon the number of students enrolled in any particulars study centres. If any changes are made regarding examination centres the same will be updated on University Website.

### Minimum Marks required for a Pass:

No Candidate shall be declared to have passed in any course unless he / she obtains 40% in the aggregate of term-end examination and internal assessment put together for all the subjects

### Course Exemption:

Exemption is granted in courses in which a minimum of 40% is secured

### Classification of Successful Candidates:

University will declare the grade for successful candidates on the basis of the marks obtained by the candidates both in Grade & Class.

### Grading System for the Programs:

The following table shows the grading of successful candidates:

Grade	Qualitative Level Grade	Points	Percentage %
A	Excellent	5	80 % above
B	Very Good	4	60 - 79.9 %
C	Good	3	50 - 59.9 %
D	Satisfactory	2	40 - 49.9 %
E	Unsatisfactory	1	Below 40 %

### Class for the Programs:

First Class	60% and above
Second Class	Above 50% but below 60%
Third Class	Above 40% but below 50%

**Scheme of Examination:**

Details are mentioned in each programmes.

**Re-totaling of Answer Scripts:**

The University will send the marks card to the candidate through registered post after announcing the examination results in the Karnataka State Open University website. Candidates have provision to apply for re-totaling, within 30 days from the date of dispatch of marks card from the University. In this regard, application may be submitted to the Registrar (Evaluation), Karnataka State Open University, Manasagangotri, Mysore-6, through registered post within 30 days from the date of dispatch of marks card.

**Eligibility to appear for Examination:**

To be eligible to appear at the term-end examination in any course, the students are required to fulfill the following conditions:

- a. They should have paid the Programme / Tuition fee due for that year
- b. They should have opted and pursued the prescribed Programme
- c. They should submit the examination form on time
- d. The admission to the course should have been approved by the University.

**Examination Time-Table:**

Schedule of Examination dates indicating the date and time will be sent to all the Regional Centres / Examination Centres within 15 days before the commencement of Examination. The students can obtain the detailed Time-Table from their nearest Regional centre or Examination Centre. They can also log on to the University's Website No individual intimation will be sent to the student regarding Examination Time Table.

**Lateral Entry / Exemption**

1. Students who have passed 3 years polytechnic Diploma from State / Central Govt. recognized Technical Board / Institution / University or 3 year B.Sc. in any stream with subject as Mathematics shall be allowed for direct admission in 2nd year i.e. (II semester)-B.Tech.
2. 12th Technical or I.T.I or M.C.V.C or N.C.V.T (should be 2 years) or equivalent can directly join in Diploma 2nd Year.
3. For MCA- 3rd semester admission is open to those candidate who have successfully completed their Graduation in any discipline from a recognized University and has successfully completed PGDCA / PGDIT of 1 yr / GNIIT, or BSc CS or its equivalent.
4. **Credit Transfer from any University to KSOU is not allowed for any Programme.**







● **BCA**

***Bachelor of Computer Application***

● **B.Sc-IT**

***Bachelor of Science in Information Technology***

● **B.Sc-TTD**

***Bachelor of Science in Textile Designing***

● **B.Sc-ID**

***Bachelor of Science in Interior Designing***

● **B.Sc-FD**

***Bachelor of Science in Fashion Designing***

● **BBA**

***Bachelor of Business Administration***

## BACHELOR OF COMPUTER APPLICATION - (BCA)

### Admission Qualification:

Admission is open to those candidates who have successfully completed their 10+2 in any discipline or its equivalent or a 3 year Polytechnic Diploma from State Technical Board after 10th Standard.

### Program Duration:

Minimum Duration - 3 years  
Maximum Duration - 6 years

### Lateral Entry to Second Semester BCA

Admission is open to those candidates who have successfully completed their 10+2 in any discipline or its equivalent or a 3 year Polytechnic Diploma from State Technical Board after 10th Standard.

And

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

### Lateral Entry to Third Semester BCA

The Candidate who have successfully completed a 3 year Polytechnic Diploma in CS/IT from State Technical Board after 10th Standard.

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 DCA from TCIL-IT/DIT/DCA from Cal-C after 10+2 or has done one year certificate / diploma from a reputed / institute or has two years of IT experience.

### Scheme of Examination:

- a. Internal assessment (IA) through assignments with a weightage of 20%
- b. Term-end examination having a weightage of 80%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 40% in each component.

### Exit scheme of BCA

After successful completion of first semester of BCA, the candidate shall be eligible to obtain a **Certificate in Computer Applications**.

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

After successful completion of all six semesters of BCA, the candidate shall be eligible to obtain a **Bachelor in Computer Applications**.

### BCA: Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BCA1	Computer Fundamentals and Windows Based Application	20	80	32	100	40	4
BCA2	Constitution of Indian Politics and Ethics	20	80	32	100	40	2
BCA3	Programming In C	20	80	32	100	40	2
BCA4	Data Structure	20	80	32	100	40	2
BCA5	English - I	20	80	32	100	40	2
BCA6-L	C Programming Lab	20	80	32	100	40	2
BCA7-L	Windows Based Application Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>16</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BCA8	Mathematics	20	80	32	100	40	2
BCA9	Computer Organization and Architecture	20	80	32	100	40	2
BCA10	DBMS	20	80	32	100	40	2
BCA11	OOPS with C++	20	80	32	100	40	2
BCA12	Environmental Studies	20	80	32	100	40	2
BCA13	English- II	20	80	32	100	40	2
BCA14-L	C++ Lab	20	80	32	100	40	2
BCA15-L	Data Structure Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>16</b>



## BCA : Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BCA16	Data Communication	20	80	32	100	40	3
BCA17	Operating System	20	80	32	100	40	3
BCA18	Computer Graphics	20	80	32	100	40	3
BCA19	Client Server Architecture	20	80	32	100	40	3
BCA20-L	Graphics Lab	20	80	32	100	40	3
BCA21-L	DBMS Lab	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BCA41	Software Engineering	20	80	32	100	40	4
BCA42	Java Programming	20	80	32	100	40	3
BCA43	RDBMS	20	80	32	100	40	3
BCA44	Unix and Shell Programming	20	80	32	100	40	4
BCA45-L	Java Lab	20	80	32	100	40	2
BCA46-L	Unix Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BCA51	Algorithm and Analysis	20	80	32	100	40	4
BCA52	Internet Programming	20	80	32	100	40	2
BCA53	Application Programming	20	80	32	100	40	2
BCA54	System Programming	20	80	32	100	40	4
BCA55-L	Web Designing / Internet Lab	20	80	32	100	40	2
BCA56-L	Application Programming Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>16</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BCA61	MIS and Enterprise Resources Planning (ERP)	20	80	32	100	40	4
BCA62	Computer Network and Security	20	80	32	100	40	2
BCA63-L	ADA Lab	20	80	32	100	40	2
BCA64-L	System Programming Lab	20	80	32	100	40	4
BCA65	Project : System Side or Application Side	—	—	—	100	40	6
<b>Total Credits</b>							<b>18</b>

**Grand Total Credits :100**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.8000/-
Examination Fees	Rs.1300/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) More Than 3 Papers	Rs.1300/-

# Bachelor of Science in Information Technology

## B.Sc IT

### Admission Qualification:

Admission is open to those candidates who have successfully completed their 10+2 in any discipline or its equivalent or a 3 year Polytechnic Diploma from State Technical Board after 10th Standard.

### Program Duration:

Minimum Duration - 3 years

Maximum Duration - 6 years

### Lateral Entry to Second Semester of B.Sc (IT)

Admission is open to those candidates who have successfully completed their 10+2 in any discipline or its equivalent or a 3 year Polytechnic Diploma from State Technical Board after 10th Standard.

And

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

### Lateral Entry to Third Semester of B.Sc (IT)

The Candidate who have successfully completed a 3 year Polytechnic Diploma in CS/IT from State Technical Board after 10th Standard.

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 DCA from TCIL-IT/DIT/DCA from Cal-C after 10+2 or has done one year certificate / diploma in IT/CS from a reputed institute or has two years of IT/CS experience.

### Scheme of Examination:

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.
- Viva Voice and Project 100 marks.

### Lateral Exit Scheme:

**Certificate of Information Technology (CIT)** :- After Successfully Completion of first semester of BScIT, the candidate shall be eligible to obtain (CIT)

**Diploma in Information Technology (DIT)** :- After Successfully Completion of first two semester of BScIT, the candidate shall be eligible to obtain (DIT)

**NOTE** :- The Student who will obtain for lateral exit will not be able to continue this programme.

## BScIT: Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BS 11	Fundamentals of Computers	20	80	32	100	40	3
BS 12	Operating System	20	80	32	100	40	3
BS 13	Introduction To Digital Electronics	20	80	32	100	40	2
BS 14	Database Management System	20	80	32	100	40	2
BS 15	Basics of Internet and HTML	20	80	32	100	40	2
BS 16	English - I	20	80	32	100	40	2
BS 17	Constitution of Indian Politics and Ethics	20	80	32	100	40	2
BS -L1	Database Management System Lab and Basics of Internet & HTML Lab	20	80	32	100	40	2
Total Credits							18



## BScIT: Program Structure

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BS 21	Introduction To Programming-C Language	20	80	32	100	40	4
BS 22	Computer Architecture	20	80	32	100	40	2
BS 23	RDBMS	20	80	32	100	40	4
BS 24	Digital Computer Fundamentals	20	80	32	100	40	2
BS 25	Communication English	20	80	32	100	40	2
BS 26	Environmental Studies	20	80	32	100	40	2
BS-L2	C Programming Lab & RDBMS Lab	20	80	32	100	40	2
<b>Total Credits</b>						<b>18</b>	

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BS 31	Computer Graphics	20	80	32	100	40	3
BS 32	Web Programming & Java Script	20	80	32	100	40	2
BS 33	Data Communication	20	80	32	100	40	2
BS 34	Object Oriented Programming With C++	20	80	32	100	40	3
BS 35	Mathematics - I	20	80	32	100	40	2
BS L-3	Web Programming & Java Script-Lab and Object Oriented Programming With C++ Lab	20	80	32	100	40	2
<b>Total Credits</b>						<b>14</b>	

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BS 41	Visual Programming	20	80	32	100	40	4
BS 42	Computer Networks	20	80	32	100	40	2
BS 43	Data Structures Using C++	20	80	32	100	40	2
BS 44	Java Programming	20	80	32	100	40	4
BS 45	Mathematics - II	20	80	32	100	40	2
BS L-4	Data Structures Using C++ Lab and Java Programming	20	80	32	100	40	2
<b>Total Credits</b>						<b>16</b>	

## BScIT: Program Structure

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BS 51	Software Engineering	20	80	32	100	40	4
BS 52	Design Analysis and Algorithm	20	80	32	100	40	2
BS 53	Advanced Java Programming	20	80	32	100	40	4
BS 54	Network Programming	20	80	32	100	40	2
BS 55	Mathematics - III	20	80	32	100	40	2
BS L-5	Algorithms Lab and Advanced Java Programming Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>16</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BS 61	Unix Systems Programming	20	80	32	100	40	4
BS 62	ASP.NET Programming Using C#	20	80	32	100	40	2
BS 63	VB.Net and XML	20	80	32	100	40	2
BS 64	Software Quality and Testing	20	80	32	100	40	4
BS 65	Project	20	80	32	100	40	6
BS L-6	Unix Systems Programming Lab and ASP.NET Programming Using C# Lab and VB. Net and XML Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

### Total Credits of the Programme- 100

Minimum percentage for passing : 40% in each component.  
Course exemption : 40% marks in equivalent examination.

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.8000/-
Examination Fees	Rs.1300/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) More Than 3 Papers	Rs.1300/-



## BSC IN TEXTILE DESIGNING

**Duration of The Programme :-** 3 Years

**Eligibility for Admission :** A Pass in Pre-University/10+2 Examination or equivalent examination.

### Lateral Entry Scheme

#### Admission to Second Year

Admission is open to those candidates who have successfully completed their 10th + 3 years Diploma in same field from Govt. Polytechnic/ ITI / Govt Recognized Institute Or After 10+2 and 1 yr Diploma in Equivalent Field from recognized university/ Institute

#### Admission to Third Year

Admission is open to those candidates who have successfully completed their 10+2 and min. 2 years Advance Diploma in equivalent field university or 10+2 and 3 yrs diploma from ITI/GOVT. Polytechnic Inst. With Work Exp.

### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 30%
- Term-end examination having a weightage of 70%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### B.SC. In Textile Designing: Program Structure

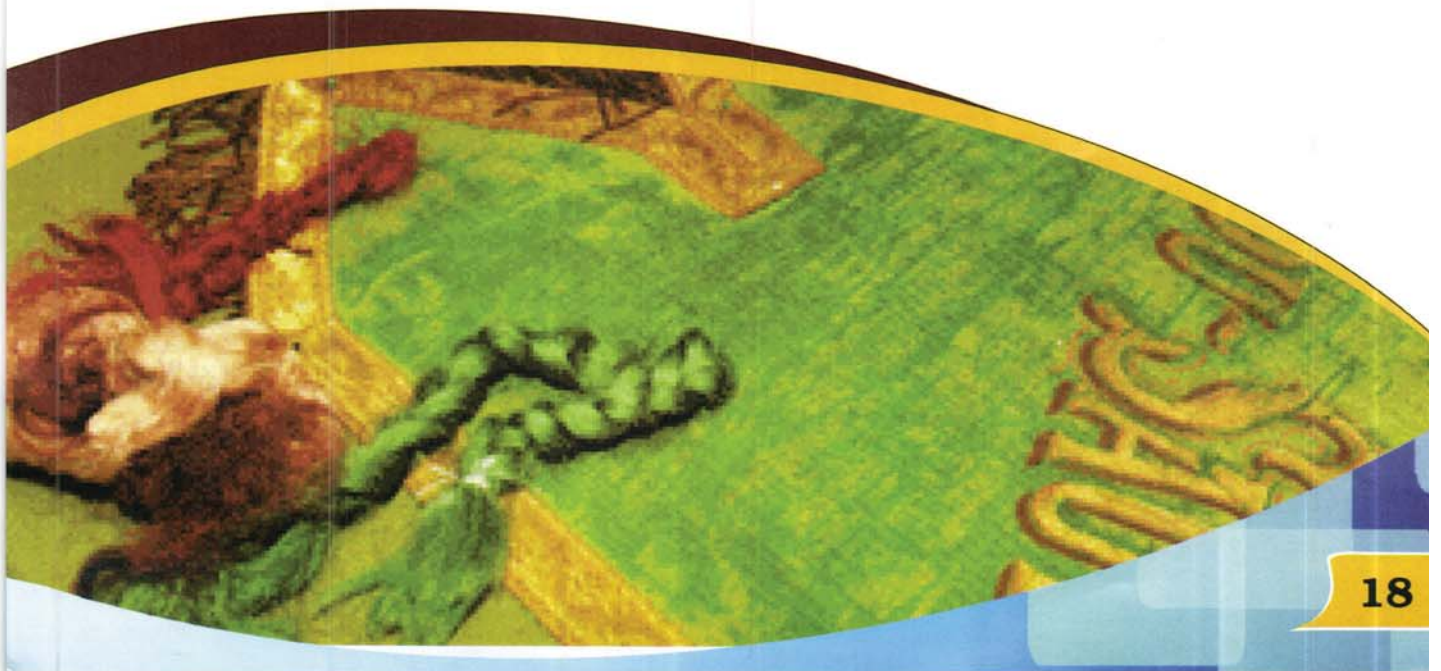
1 <sup>st</sup> Year							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BSCTTD101	Fiber Science	30	70	32	100	40	4
BSCTTD102	Textile Chemistry	30	70	32	100	40	4
BSCTTD103	Introduction To Fashion	30	70	32	100	40	4
BSCTTD104	Spun Yarn Technology	30	70	32	100	40	4
BSCTTD105	Fabric Manufacturing	30	70	32	100	40	4
Practical-I	Fiber Science - Lab	30	70	32	100	40	4
Practical-I I	Fabric Manufacturing - Lab	30	70	32	100	40	4
<b>Total Credits</b>							<b>28</b>

2 <sup>nd</sup> Year							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BSCTTD201	Structure & Properties Of Fibers	30	70	32	100	40	4
BSCTTD202	Knitting Techonlogy	30	70	32	100	40	4
BSCTTD203	Textile Design & Ornamentation	30	70	32	100	40	4
BSCTTD204	Woven Fabric Structure	30	70	32	100	40	4
BSCTTD205	Textile Chemical Processing	30	70	32	100	40	4
Practical-I	Structure & Propeties of Fibers Lab	30	70	32	100	40	3
Practical-II	Knitting Technology Lab	30	70	32	100	40	3
<b>Total Credits</b>							<b>26</b>

## B.SC. In Textile Designing: Program Structure

3 <sup>rd</sup> Year							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BSCTTD301	Non- Woven Technology	30	70	32	100	40	6
BSCTTD302	Garment Technology	30	70	32	100	40	6
BSCTTD303	Apparel Marketing & Merchandising	30	70	32	100	40	6
BSCTTD304	Home Textile & Furnishings	30	70	32	100	40	6
BSCTTD305	Project	---	---	---	100	40	8
Practical-I	Garment Technology Lab	30	70	32	100	40	4
<b>Total Credits</b>							<b>36</b>

Year Wise Fee Structure	
Program / Tuition Fees	Rs.7500/-
Examination Fees	Rs.700/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) For 4 Papers & More Than 4 Papers	Rs.1300/-





**BSC IN  
INTERIOR DESIGNING**

**Duration of The Programme :-** 3 Years

**Eligibility for Admission :** A Pass in Pre-University/10+2 Examination or equivalent examination.

**Lateral Entry Scheme**

**Admission to Second Year**

Admission is open to those candidates who have successfully completed their 10th + 3 years Diploma in same field from Govt. Polytechnic/ ITI / Govt Recognized Institute Or After 10+2 and 1 yr Diploma in Equivalent Field from recognized university/ Institute

**Admission to Third Year**

Admission is open to those candidates who have successfully completed their 10+2 and min. 2 years Advance Diploma in equivalent field university or 10+2 and 3 yrs diploma from ITI/GOVT. Polytechnic Inst. With Work Exp.

**Scheme of Examination:-**

- a. Internal assessment (IA) through assignments with a weightage of 30%
- b. Term-end examination having a weightage of 70%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 40% in each component.

**B.SC. In Interior Designing: Program Structure**

1 <sup>st</sup> Year							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BSCID 101	Building Materials – I	30	70	32	100	40	4
BSCID 102	Building Construction - I	30	70	32	100	40	4
BSCID 103	Computer Applications	30	70	32	100	40	4
BSCID 104	Residential Space Design	30	70	32	100	40	4
BSCID 105	Basics of Drawing and Graphics	30	70	32	100	40	4
Practical-I	Computer Applications Lab	30	70	32	100	40	4
Practical-II	Residential Space Design Lab	30	70	32	100	40	4
<b>Total Credits</b>							<b>28</b>

2 <sup>nd</sup> Year							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BSCID 201	Building Material & Technology-II	30	70	32	100	40	4
BSCID 202	Building Construction – II	30	70	32	100	40	4
BSCID 203	Computer Aided Design	30	70	32	100	40	4
BSCID 204	Theory of Architecture -I	30	70	32	100	40	4
BSCID 205	Interior Design	30	70	32	100	40	4
Practical – I	Computer Aided Design Lab	30	70	32	100	40	3
Practical – II	Interior Design Lab	30	70	32	100	40	3
<b>Total Credits</b>							<b>26</b>

## B.SC. In Interior Designing: Program Structure

3 <sup>rd</sup> Year							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BSCID 301	Theory of Architecture-II	30	70	32	100	40	6
BSCID 302	Services	30	70	32	100	40	6
BSCID 303	Professional Practice (Theory)	30	70	32	100	40	6
BSCID 304	Project Applied Craft and Art Design	30	70	32	100	40	6
BSCID 305	Project	---	---	---	200	40	8
Practical – I	Applied Craft and Art Design Lab	30	70	32	100	40	4
<b>Total Credits</b>							<b>36</b>

Year Wise Fee Structure	
Program / Tuition Fees	Rs.7500/-
Examination Fees	Rs.700/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) For 4 Papers & More Than 4 Papers	Rs.1300/-





**Duration of The Programme :-** 3 Years

**Eligibility for Admission :** A Pass in Pre-University/10+2 Examination or equivalent examination.

**Lateral Entry Scheme**

**Admission to Second Year**

Admission is open to those candidates who have successfully completed their 10th + 3 years Diploma in same field from Govt. Polytechnic/ ITI / Govt Recognized Institute Or After 10+2 and 1 yr Diploma in Equivalent Field from recognized university/ Institute

**Admission to Third Year**

Admission is open to those candidates who have successfully completed their 10+2 and min. 2 years Advance Diploma in equivalent field university or 10+2 and 3 yrs diploma from ITI/GOVT. Polytechnic Inst. With Work Exp.

**Scheme of Examination:-**

- a. Internal assessment (IA) through assignments with a weightage of 30%
- b. Term-end examination having a weightage of 70%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 40% in each component.

**B.SC. In Fashion Designing: Program Structure**

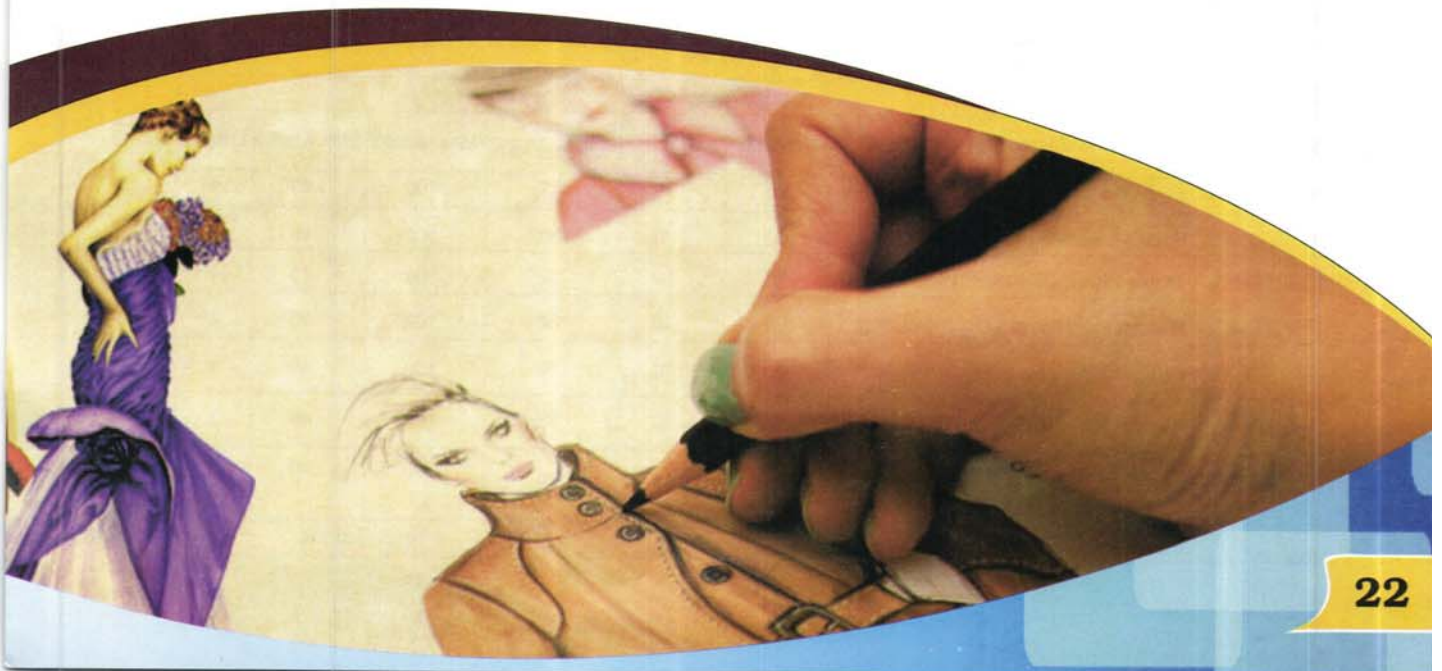
1 <sup>st</sup> Year							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BSCFD 101	History Of Fashion	30	70	32	100	40	4
BSCFD 102	Fashion Sketching & Illustration-I	30	70	32	100	40	4
BSCFD 103	Basic Design & Design Idea	30	70	32	100	40	4
BSCFD 104	Pattern Making & Grading-I	30	70	32	100	40	4
BSCFD 105	Garment Construction -I	30	70	32	100	40	4
Practical-I	Pattern Making & grading - I Lab	30	70	32	100	40	4
Practical-II	Pattern Making & grading - I Lab	30	70	32	100	40	4
<b>Total Credits</b>							<b>28</b>

2 <sup>nd</sup> Year							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BSCFD 201	Fashion designing & design Studeis	30	70	32	100	40	4
BSCFD 202	Fashion Sketching & Illustration	30	70	32	100	40	4
BSCFD 203	Textile Studies & Knitting Technolgy	30	70	32	100	40	4
BSCFD 204	Pattern Making Draping & Grading	30	70	32	100	40	4
BSCFD 205	Garment Construction	30	70	32	100	40	4
Practical -I	Pattern Making & Grading - II Lab	30	70	32	100	40	3
Practical -II	Indian Traditional Textile & surface Ornamentation Lab	30	70	32	100	40	3
<b>Total Credits</b>							<b>26</b>

## B.SC. In Fashion Designing: Program Structure

3 <sup>rd</sup> Year							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BSCFD 301	Knitting Techonolgy	30	70	32	100	40	6
BSCFD 302	Apparel Manufacturing Technology	30	70	32	100	40	6
BSCFD 303	Fashion Retail & Merchandising	30	70	32	100	40	6
BSCFD 304	Quality Control in Appareal	30	70	32	100	40	6
BSCFD 305	Project	---	---	---	100	40	8
Practical-I	Quality Control in Appareal Lab	30	70	32	100	40	4
<b>Total Credits</b>							<b>36</b>

Year Wise Fee Structure	
Program / Tuition Fees	Rs.7500/-
Examination Fees	Rs.700/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) For 4 Papers & More Than 4 Papers	Rs.1300/-





## BACHELOR OF BUSINESS ADMINISTRATION - (BBA)

### Objectives:

There are many changes in how business is being conducted around the world. New patterns are emerging and establishing order. Candidates entering business career in present time will be a part of creating the new methodologies in the new order. Therefore, it is essential that persons planning business career get an education that is reliable, current and relevant.

### Admission Qualification:

The candidate seeking admission to the BBA Course must have passed of Pre-University / Higher Secondary 10+2 Examination or its equivalent of any recognized board / Council in any discipline / 3 year diploma in any stream.

### Program Duration:

The program duration for BBA will be three years comprising of six semesters but the candidate will have to complete the program within six years from the session of Enrollment.

### Scheme of Examination

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### BBA : Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BBA1001	Principles of Management	20	80	32	100	40	4
BBA1002	Marketing Management	20	80	32	100	40	4
BBA1003	Introduction to Computers	20	80	32	100	40	4
BBA1004	English - I	20	80	32	100	40	4
BBA1005	Constitution of Indian Politics & Ethics	20	80	32	100	40	2
BBA1006	Managerial Economics	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BBA2001	Organizational Behaviour	20	80	32	100	40	4
BBA2002	Business Communication	20	80	32	100	40	4
BBA2003	Business Law	20	80	32	100	40	4
BBA2004	Production & Operations Management	20	80	32	100	40	2
BBA2005	English- II	20	80	32	100	40	2
BBA2006	Environmental Studies	20	80	32	100	40	2
BBA2007	Financial Accounting	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>



## BBA : Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BBA3001	Mathematics For Business & Economics	20	80	32	100	40	4
BBA3002	Logistics Management	20	80	32	100	40	4
BBA3003	Human Resource Management	20	80	32	100	40	4
BBA3004	Introduction to Internet	20	80	32	100	40	4
BBA3005	Management of Entrepreneurship & small Business	20	80	32	100	40	4
<b>Total Credits</b>							<b>20</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BBA4001	Advertising Fundamental	20	80	32	100	40	4
BBA4002	Business Policy	20	80	32	100	40	4
BBA4003	Financial Reporting	20	80	32	100	40	4
BBA4004	E-Commerce	20	80	32	100	40	4
BBA4005	Project Management	20	80	32	100	40	4
<b>Total Credits</b>							<b>20</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BBA5001	Corporate Legal Framework	20	80	32	100	40	4
BBA5002	Security Analysis & Portfolio Management	20	80	32	100	40	4
BBA5003	Advertising & Sale Promotion	20	80	32	100	40	4
BBA5004	Management Training & Development	20	80	32	100	40	4
BBA5005	Business Environment	20	80	32	100	40	4
<b>Total Credits</b>							<b>20</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BBA6001	Management Information System	20	80	32	100	40	4
BBA6002	Quality Management	20	80	32	100	40	4
BBA6003	Management of Financial Institute	20	80	32	100	40	4
BBA6004	Consumer Behaviour	20	80	32	100	40	4
BBA6005	Project Report	—	—	—	100	40	4
<b>Total Credits</b>							<b>20</b>

**Grand Total Credits : 120**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.10000/-
Examination Fees	Rs.1300/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.800/-
b) For 2 Papers	Rs.1000/-
c) For 3 Papers	Rs.1200/-
d) More Than 3 Papers	Rs.1300/-





# **BACHELOR OF TECHNOLOGY**

- **CHEMICAL ENGINEERING**
- **CIVIL ENGINEERING**
- **ELECTRICAL ENGINEERING**
- **ELECTRONICS AND TELECOMMUNICATION ENGINEERING**
- **COMPUTER SCIENCE ENGINEERING**
- **MECHANICAL ENGINEERING**
- **TEXTILE TECHNOLOGY**
- **FIRE, SAFETY AND ENVIRONMENTAL ENGINEERING**

# BACHELOR OF TECHNOLOGY

## CHEMICAL ENGINEERING

### Admission Qualification:

The candidate who has successfully completed 10+2 with Physics, Mathematics, Chemistry or its equivalent with pass class Examination of any recognized Board / Council.

### Lateral Entry to 2<sup>nd</sup> Year (IIIrd Semester):

The Candidate who has successfully completed three years of Polytechnic diploma from state technical board or its equivalent after 10th standard Or 3 year B.Sc in any stream with Mathematics as major subject is eligible to take admission in 2<sup>nd</sup> Year (IIIrd Semester) of B.Tech in respective branches.

### Program Duration:

The program duration for B.Tech Chemical will be four years comprising of eight semesters but the candidate will have to complete the program within Eight years from the session of enrollment. Accordingly program duration for Lateral Entry Students will be 3 years comprising of Six semesters but the candidate will have to complete the programme within six Years from the session of enrolment.

### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### B.Tech - Chemical Engineering

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCHE01	English - I	20	80	32	100	40	2
BTCHE02	Constitution of Indian Politics and Ethics	20	80	32	100	40	2
BTCHE03	Mathematics - I	20	80	32	100	40	2
BTCHE04	Chemistry	20	80	32	100	40	2
BTCHE05	Electrical Technology	20	80	32	100	40	2
BTCHE06	Mechanics	20	80	32	100	40	2
BTCHE07	Introduction to Manufacturing Process	20	80	32	100	40	2
PRACTICAL-I	Chemistry Practical	20	80	32	100	40	1
PRACTICAL-II	Electrical Technology Practical	20	80	32	100	40	1
Total Credits							16

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCHE08	English - II	20	80	32	100	40	2
BTCHE09	Environmental Studies	20	80	32	100	40	2
BTCHE10	Mathematics-II	20	80	32	100	40	2
BTCHE11	Applied Physics	20	80	32	100	40	2
BTCHE12	Fundamental of Computers	20	80	32	100	40	2
BTCHE13	Basic Electronics	20	80	32	100	40	2
BTCHE14	Engineering Drawing and Graphics	20	80	32	100	40	2
PRACTICAL-I	Applied Physics Practical	20	80	32	100	40	1
PRACTICAL-II	Basic Electronics Practical	20	80	32	100	40	1
Total Credits							16





## B.Tech - Chemical Engineering

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCHE15	Mathematics-III	20	80	32	100	40	4
BTCHE16	Thermodynamics	20	80	32	100	40	3
BTCHE17	Non-Conventional Energy Engg.	20	80	32	100	40	3
BTCHE18	Transport Processes-I	20	80	32	100	40	3
BTCHE19	Electrical Machines	20	80	32	100	40	3
PRACTICAL-I	Thermodynamics Practical	20	80	32	100	40	1
PRACTICAL-II	Electrical Machines Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCHE20	Society Environment Engineering	20	80	32	100	40	4
BTCHE21	Introduction to Process Calculation & flowsheeting	20	80	32	100	40	3
BTCHE22	Numerical Methods	20	80	32	100	40	3
BTCHE23	Heat Transfer	20	80	32	100	40	3
BTCHE24	Organic & Inorganic Chemistry	20	80	32	100	40	3
PRACTICAL-I	Introduction to Process Calculation and flowsheeting Practical	20	80	32	100	40	1
PRACTICAL-II	Numerical Methods Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCHE25	Mass Transfer Operations-I	20	80	32	100	40	3
BTCHE26	Fluid Flow	20	80	32	100	40	3
BTCHE27	Chemical Equipment Design	20	80	32	100	40	3
BTCHE28	Chemical Engineering Thermodynamics	20	80	32	100	40	3
BTCHE29	Operation Research	20	80	32	100	40	2
PRACTICAL-I	Mass Transfer Operations-I Practical	20	80	32	100	40	1
PRACTICAL-II	Fluid Flow Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCHE30	Strength Of Materials	20	80	32	100	40	3
BTCHE31	Mechanical Operation	20	80	32	100	40	3
BTCHE32	Material science	20	80	32	100	40	2
BTCHE33	Mass Transfer operation – II	20	80	32	100	40	2
BTCHE34	Industrial Economics & Management	20	80	32	100	40	2
PRACTICAL-I	Mechanical Operation Practical	20	80	32	100	40	1
PRACTICAL-II	Mass Transfer operation - II Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>14</b>

## B.Tech - Chemical Engineering

7 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCHE35	Process Engineering	20	80	32	100	40	4
BTCHE36	Instrumentation & Process Control	20	80	32	100	40	3
BTCHE37	Industrial Safety	20	80	32	100	40	2
BTCHE38	Process simulation & Design	20	80	32	100	40	2
BTCHE39	Elective-I	20	80	32	100	40	3
PRACTICAL-I	Instrumentation & Process Control Practical	20	80	32	100	40	2
PRACTICAL-II	Process simulation & Design Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

8 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCHE40	Environmental Engineering	20	80	32	100	40	4
BTCHE41	Project Engineering & Management	20	80	32	100	40	3
BTCHE42	Reactor Design	20	80	32	100	40	3
BTCHE43	Project	---	---	---	100	40	2
PRACTICAL-I	Environmental Engineering Practical	20	80	32	100	40	8
<b>Total Credits</b>							<b>20</b>

Elective		
Subject Code	Subject Title	Credits
BTCHE39 - I	Petrochemical & Refining Technology	3

**Grand Total Credits :136**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.12500/-
Examination Fees	Rs.1300/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) More Than 3 Papers	Rs.1300/-



# BACHELOR OF TECHNOLOGY

## CIVIL

### Admission Qualification:

The candidate who has successfully completed 10+2 with Physics, Mathematics, Chemistry or its equivalent with pass class Examination of any recognized Board / Council.

### Lateral Entry to 2<sup>nd</sup> Year (IIIrd Semester):

The Candidate who has successfully completed three years of Polytechnic diploma from state technical board or its equivalent after 10th standard Or 3 year B.Sc in any stream with Mathematics as major subject is eligible to take admission in 2<sup>nd</sup> Year (IIIrd Semester) of B.Tech in respective branches.

### Program Duration:

The program duration for B.Tech Civil will be four years comprising of eight semesters but the candidate will have to complete the program within Eight years from the session of enrollment. Accordingly program duration for Lateral Entry Students will be 3 years comprising of Six semesters but the candidate will have to complete the programme within six Years from the session of enrolment.

### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### B.Tech - Civil Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCE01	English - I	20	80	32	100	40	2
BTCE02	Constitution of Indian Politics and Ethics	20	80	32	100	40	2
BTCE03	Mathematics I	20	80	32	100	40	2
BTCE04	Chemistry	20	80	32	100	40	2
BTCE05	Electrical Technology	20	80	32	100	40	2
BTCE06	Mechanics	20	80	32	100	40	2
BTCE07	Introduction to Manufacturing Process	20	80	32	100	40	2
PRACTICAL-I	Chemistry Practical	20	80	32	100	40	1
PRACTICAL-II	Electrical Technology Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCE08	English - II	20	80	32	100	40	2
BTCE09	Environmental Studies	20	80	32	100	40	2
BTCE10	Mathematics II	20	80	32	100	40	2
BTCE11	Applied Physics	20	80	32	100	40	2
BTCE12	Fundamental of Computers	20	80	32	100	40	2
BTCE13	Basic Electronics	20	80	32	100	40	2
BTCE14	Engineering Drawing and Graphics	20	80	32	100	40	2
PRACTICAL-I	Applied Physics Practical	20	80	32	100	40	1
PRACTICAL-II	Basic Electronics Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>



## B.Tech - Civil Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCE15	Mathematics III	20	80	32	100	40	4
BTCE16	Water and Waste Water Engineering	20	80	32	100	40	3
BTCE17	Hydraulics	20	80	32	100	40	3
BTCE18	Surveying - I	20	80	32	100	40	3
BTCE19	Transportation Engineering	20	80	32	100	40	3
PRACTICAL-I	Hydraulics Practical	20	80	32	100	40	1
PRACTICAL-II	Surveying - I Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCE20	Society, Environment & Engineering	20	80	32	100	40	4
BTCE21	Building Construction	20	80	32	100	40	3
BTCE22	Structural Analysis	20	80	32	100	40	3
BTCE23	Advanced Surveying	20	80	32	100	40	3
BTCE24	Solid Mechanics	20	80	32	100	40	3
PRACTICAL-I	Structural Analysis Practical	20	80	32	100	40	1
PRACTICAL-II	Advanced Surveying Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCE25	Design of RC Structures	20	80	32	100	40	3
BTCE26	Foundation Engineering	20	80	32	100	40	3
BTCE27	River Engineering	20	80	32	100	40	3
BTCE28	Hydropower Engineering	20	80	32	100	40	3
BTCE29	Operation Research	20	80	32	100	40	2
PRACTICAL-I	Design of RC Structures Practical	20	80	32	100	40	1
PRACTICAL-II	Foundation Engg. Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCE30	Design of Steel Structures	20	80	32	100	40	3
BTCE31	Advanced Structural Analysis	20	80	32	100	40	3
BTCE32	Environmental Engineering	20	80	32	100	40	2
BTCE33	Advanced Foundation Engineering	20	80	32	100	40	2
BTCE34	Industrial Economics & Management	20	80	32	100	40	2
PRACTICAL-I	Advanced Structural Analysis Practical	20	80	32	100	40	1
PRACTICAL-II	Advanced Foundation Engineering Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>14</b>



## B.Tech - Civil Programe Structure

7 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCE35	Irrigation Engineering	20	80	32	100	40	4
BTCE36	Prestressed Concrete	20	80	32	100	40	3
BTCE37	Quantity Surveying & Contract & Tenders	20	80	32	100	40	2
BTCE38	Finite Element Method in Engineering	20	80	32	100	40	2
BTCE39	Elective	20	80	32	100	40	3
PRACTICAL-I	Prestressed Concrete Practical	20	80	32	100	40	2
PRACTICAL-II	Quantity Surveying & Contract & Tenders Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

8 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCE40	Structural Dynamic	20	80	32	100	40	3
BTCE41	Construction and Planning Management	20	80	32	100	40	3
BTCE42	Planning & Design of Airport	20	80	32	100	40	3
BTCE43	Project	---	---	---	100	40	8
PRACTICAL-I	Structural Dynamic Practical	20	80	32	100	40	3
<b>Total Credits</b>							<b>20</b>

Elective		
Subject Code	Subject Title	Credits
BTCE39-I	Water Resources System & Planning	3
BTCE39-II	Valuation Of Real Property	3
BTCE39-III	Design Of Industrial Structures & Bridges	3
BTCE39-IV	Highway Maintenance & Management System	3

**Grand Total Credits :136**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.12500/-
Examination Fees	Rs.1300/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) More Than 3 Papers	Rs.1300/-

# BACHELOR OF TECHNOLOGY

## ELECTRICAL

### Admission Qualification:

The candidate who has successfully completed 10+2 with Physics, Mathematics, Chemistry or its equivalent with pass class Examination of any recognized Board / Council.

### Lateral Entry to 2<sup>nd</sup> Year (IIIrd Semester):

The Candidate who has successfully completed three years of Polytechnic diploma from state technical board or its equivalent after 10th standard Or 3 year B.Sc in any stream with Mathematics as major subject is eligible to take admission in 2<sup>nd</sup> Year (IIIrd Semester) of B.Tech in respective branches.

### Program Duration:

The program duration for B.Tech Electrical will be four years comprising of eight semesters but the candidate will have to complete the program within Eight years from the session of enrolment. Accordingly program duration for Lateral Entry Students will be 3 years comprising of Six semesters but the candidate will have to complete the programme within six Years from the session of enrolment.

### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### B.Tech - Electrical Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTEE01	English - I	20	80	32	100	40	2
BTEE02	Constitution of Indian Politics and Ethics	20	80	32	100	40	2
BTEE03	Mathematics I	20	80	32	100	40	2
BTEE04	Chemistry	20	80	32	100	40	2
BTEE05	Electrical Technology	20	80	32	100	40	2
BTEE06	Mechanics	20	80	32	100	40	2
BTEE07	Introduction to Manufacturing Process	20	80	32	100	40	2
PRACTICAL-I	Chemistry Practical	20	80	32	100	40	1
PRACTICAL-II	Electrical Technology Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTEE08	English - II	20	80	32	100	40	2
BTEE09	Environmental Studies	20	80	32	100	40	2
BTEE10	Mathematics II	20	80	32	100	40	2
BTEE11	Applied Physics	20	80	32	100	40	2
BTEE12	Fundamental of Computers	20	80	32	100	40	2
BTEE13	Basic Electronics	20	80	32	100	40	2
BTEE14	Engineering Drawing and Graphics	20	80	32	100	40	2
PRACTICAL-I	Applied Physics Practical	20	80	32	100	40	1
PRACTICAL-II	Basic Electronics Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>





## B.Tech - Electrical Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTEE15	Mathematics III	20	80	32	100	40	4
BTEE16	Thermodynamics	20	80	32	100	40	3
BTEE17	Signals & Networks	20	80	32	100	40	3
BTEE18	Digital Electronics	20	80	32	100	40	3
BTEE19	Electrical Machines	20	80	32	100	40	3
PRACTICAL-I	Signals & Networks Practical	20	80	32	100	40	1
PRACTICAL-II	Electrical Machines Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTEE20	Society, Environment & Engineering	20	80	32	100	40	4
BTEE21	Electronic Devices & Circuit	20	80	32	100	40	3
BTEE22	Analog Electronic Circuits	20	80	32	100	40	3
BTEE23	Electromagnetic Engineering	20	80	32	100	40	3
BTEE24	Electrical Measurement- I	20	80	32	100	40	3
PRACTICAL-I	Analog Electronic Circuits Practical	20	80	32	100	40	1
PRACTICAL-II	Electrical Measurement- I Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTEE25	Computer Organization	20	80	32	100	40	3
BTEE26	Control System	20	80	32	100	40	3
BTEE27	Power System	20	80	32	100	40	3
BTEE28	Electrical Measurement- II	20	80	32	100	40	3
BTEE29	Advanced Electrical Machines	20	80	32	100	40	2
PRACTICAL-I	Control System Practical	20	80	32	100	40	1
PRACTICAL-II	Advanced Electrical Machines Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTEE30	Power Electronics & Devices	20	80	32	100	40	3
BTEE31	Digital Signal Processing	20	80	32	100	40	3
BTEE32	Microprocessor	20	80	32	100	40	2
BTEE33	Advance Power System & Design	20	80	32	100	40	2
BTEE34	Industrial Economics & Management	20	80	32	100	40	2
PRACTICAL-I	Power Electronics & Devices Practical	20	80	32	100	40	1
PRACTICAL-II	Microprocessor Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>14</b>

## B.Tech - Electrical Program Structure

7 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTEE35	Switchgear & Protection	20	80	32	100	40	4
BTEE37	Utilization of Electrical Power	20	80	32	100	40	3
BTEE36	Communication Engineering	20	80	32	100	40	2
BTEE38	Electronics Instrumentation	20	80	32	100	40	2
BTEE39	Elective	20	80	32	100	40	3
PRACTICAL-I	Switchgear & Protection Practical	20	80	32	100	40	2
PRACTICAL-II	Electronics Instrumentation Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

8 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTEE40	Machine Drives	20	80	32	100	40	4
BTEE41	Design & Estimation of Electrical System	20	80	32	100	40	3
BTEE42	Electrical Machine Design	20	80	32	100	40	3
BTEE43	Project	---	---	---	100	40	8
PRACTICAL-I	Machine Drives Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

Elective		
Subject Code	Subject Title	Credits
BTEE39-I	EHV-Transmission	3
BTEE39-II	Electrical Power System Reliability	3
BTEE39-IV	High Voltage Engineering	3

**Grand Total Credits : 136**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.12500/-
Examination Fees	Rs.1300/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) More Than 3 Papers	Rs.1300/-



## B.Tech - Electronics & Telecommunication Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTETE15	Mathematics III	20	80	32	100	40	4
BTETE16	Principles of programming	20	80	32	100	40	3
BTETE17	Signal & Network	20	80	32	100	40	3
BTETE18	Digital Electronics	20	80	32	100	40	3
BTETE19	Electrical Machines	20	80	32	100	40	3
PRACTICAL-I	Signal & Network Practical	20	80	32	100	40	1
PRACTICAL-II	Electrical Machines Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTETE20	Society, Environment & Engineering	20	80	32	100	40	4
BTETE21	Electronic Devices & Circuit	20	80	32	100	40	3
BTETE22	Analog Electronic Circuits	20	80	32	100	40	3
BTETE23	Electromagnetic Engineering	20	80	32	100	40	3
BTETE24	Electrical Measurement - I	20	80	32	100	40	3
PRACTICAL-I	Analog Electronic Circuits Practical	20	80	32	100	40	1
PRACTICAL-II	Electrical Measurement - I Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTETE25	Computer Organization	20	80	32	100	40	3
BTETE26	Control System	20	80	32	100	40	3
BTETE27	Communication Engineering	20	80	32	100	40	3
BTETE28	Semiconductor Devices	20	80	32	100	40	2
BTETE29	Digital Image Processing	20	80	32	100	40	3
PRACTICAL-I	Control System Practical	20	80	32	100	40	1
PRACTICAL-II	Semiconductor Devices Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTETE30	Power Electronics & Devices	20	80	32	100	40	3
BTETE31	Digital Signal Processing	20	80	32	100	40	3
BTETE32	Microprocessor	20	80	32	100	40	2
BTETE33	Telecommunication Switching & Signal	20	80	32	100	40	2
BTETE34	Industrial Economics & Management	20	80	32	100	40	2
PRACTICAL-I	Power Electronics & Devices Practical	20	80	32	100	40	1
PRACTICAL-II	Microprocessor Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>14</b>

# BACHELOR OF TECHNOLOGY

## ELECTRONICS & TELECOMMUNICATION

### Admission Qualification:

The candidate who has successfully completed 10+2 with Physics, Mathematics, Chemistry or its equivalent with pass class Examination of any recognized Board / Council.

### Lateral Entry to 2<sup>nd</sup> Year (IIIrd Semester):

The Candidate who has successfully completed three years of Polytechnic diploma from state technical board or its equivalent after 10th standard Or 3 year B.Sc in any stream with Mathematics as major subject is eligible to take admission in 2<sup>nd</sup> Year(IIIrd Semester) of B.Tech in respective branches.

### Program Duration:

The program duration for B.Tech Electronics & Telecommunication will be four years comprising of eight semesters but the candidate will have to complete the program within Eight years from the session of enrolment. Accordingly program duration for Lateral Entry Students will be 3 years comprising of Six semesters but the candidate will have to complete the programme within six Years from the session of enrolment.

### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### B.Tech - Electronics & Telecommunication Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTETE01	English -I	20	80	32	100	40	2
BTETE02	Constitution of Indian Politics and Ethics	20	80	32	100	40	2
BTETE03	Mathematics I	20	80	32	100	40	2
BTETE04	Chemistry	20	80	32	100	40	2
BTETE05	Electrical Technology	20	80	32	100	40	2
BTETE06	Mechanics	20	80	32	100	40	2
BTETE07	Introduction to Manufacturing Process	20	80	32	100	40	2
PRACTICAL-I	Chemistry Practical	20	80	32	100	40	1
PRACTICAL-II	Electrical Technology Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTETE08	English - II	20	80	32	100	40	2
BTETE09	Environmental Studies	20	80	32	100	40	2
BTETE10	Mathematics II	20	80	32	100	40	2
BTETE11	Applied Physics	20	80	32	100	40	2
BTETE12	Fundamental of Computers	20	80	32	100	40	2
BTETE13	Basic Electronics	20	80	32	100	40	2
BTETE14	Engineering Drawing and Graphics	20	80	32	100	40	2
PRACTICAL-I	Applied Physics Practical	20	80	32	100	40	1
PRACTICAL-II	Basic Electronics Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>





# BACHELOR OF TECHNOLOGY

## COMPUTER SCIENCE

### Admission Qualification:

The candidate who has successfully completed 10+2 with Physics, Mathematics, Chemistry or its equivalent with pass class Examination of any recognized Board / Council.

### Lateral Entry to 2<sup>nd</sup> Year (IIIrd Semester):

The Candidate who has successfully completed three years of Polytechnic diploma from state technical board or its equivalent after 10th standard Or 3 year B.Sc in any stream with Mathematics as major subject is eligible to take admission in 2<sup>nd</sup> Year (IIIrd Semester) of B.Tech in respective branches.

### Program Duration:

The program duration for B.Tech Computer Science will be four years comprising of eight semesters but the candidate will have to complete the program within Eight years from the session of enrolment. Accordingly program duration for Lateral Entry Students will be 3 years comprising of Six semesters but the candidate will have to complete the programme within six Years from the session of enrolment.

### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### B.Tech - Computer Science Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCSE01	English - I	20	80	32	100	40	2
BTCSE02	Constitution of Indian Politics and Ethics	20	80	32	100	40	2
BTCSE03	Mathematics I	20	80	32	100	40	2
BTCSE04	Chemistry	20	80	32	100	40	2
BTCSE05	Electrical Technology	20	80	32	100	40	2
BTCSE06	Mechanics	20	80	32	100	40	2
BTCSE07	Introduction to Manufacturing Process	20	80	32	100	40	2
PRACTICAL-I	Chemistry Practical	20	80	32	100	40	1
PRACTICAL-II	Electrical Technology Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCSE08	English - II	20	80	32	100	40	2
BTCSE09	Environmental Studies	20	80	32	100	40	2
BTCSE10	Mathematics II	20	80	32	100	40	2
BTCSE11	Applied Physics	20	80	32	100	40	2
BTCSE12	Fundamental of Computers	20	80	32	100	40	2
BTCSE13	Basic Electronics	20	80	32	100	40	2
BTCSE14	Engineering Drawing and Graphics	20	80	32	100	40	2
PRACTICAL-I	Applied Physics Practical	20	80	32	100	40	1
PRACTICAL-II	Basic Electronics Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>



## B.Tech - Electronics & Telecommunication Program Structure

7 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTETE35	Computer Communication Network	20	80	32	100	40	4
BTETE36	Mobile Communication System	20	80	32	100	40	3
BTETE37	RF & Microwave Engineering	20	80	32	100	40	2
BTETE38	Micro Electronics	20	80	32	100	40	2
BTETE39	Elective	20	80	32	100	40	3
PRACTICAL-I	Computer Communication Network Practical	20	80	32	100	40	2
PRACTICAL-II	RF & Microwave Engineering Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

8 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTETE40	VLSI – Technology & Process Modeling	20	80	32	100	40	4
BTETE41	Satellite Communication Systems	20	80	32	100	40	3
BTETE42	Semi conductor Devices and Modeling	20	80	32	100	40	3
BTETE43	Project	---	---	---	100	40	8
PRACTICAL-I	VLSI – Technology & Process Modeling Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

Elective		
Subject Code	Subject Title	Credits
BTETE39-I	Digital Voice & Picture Communication	3
BTETE39-II	Radar System	3
BTETE39-III	Optical Fiber Communication	3

**Grand Total Credits : 136**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.12500/-
Examination Fees	Rs.1300/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) More Than 3 Papers	Rs.1300/-



## B.Tech - Computer Science Program Structure

7 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCSE35	Pattern Recognition & Application	20	80	32	100	40	4
BTCSE36	Digital Signal Processing	20	80	32	100	40	3
BTCSE37	Data Structures & object Representation	20	80	32	100	40	2
BTCSE38	Advanced Computer System Architecture	20	80	32	100	40	2
BTCSE39	Elective	20	80	32	100	40	3
PRACTICAL-I	Digital Signal Processing Practical	20	80	32	100	40	2
PRACTICAL-II	Advanced Computer System Architecture Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

8 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCSE40	Design Principle of language Translator	20	80	32	100	40	4
BTCSE41	Design & Analysis of Algorithm	20	80	32	100	40	3
BTCSE42	Interactive Multimedia	20	80	32	100	40	3
BTCSE43	Project	---	---	---	100	40	8
PRACTICAL-I	Design & Analysis of Algorithm Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

Elective		
Subject Code	Subject Title	Credits
BTCSE39-I	Neural Network and Application	3
BTCSE39-II	Parallel processing	3
BTCSE39-III	Mobile Computing	3
BTCSE39-IV	Fuzzy set theory & Application	3
BTCSE39-V	Database Design & Development	3

**Grand Total Credits : 136**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.12500/-
Examination Fees	Rs.1300/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) More Than 3 Papers	Rs.1300/-

## B.Tech - Computer Science Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCSE15	Mathematics III	20	80	32	100	40	4
BTCSE16	Switching Circuit & Logic Design	20	80	32	100	40	3
BTCSE17	Signal & Network	20	80	32	100	40	3
BTCSE18	Digital Electronics	20	80	32	100	40	3
BTCSE19	Electrical Machines	20	80	32	100	40	3
PRACTICAL-I	Signal & Network Practical	20	80	32	100	40	1
PRACTICAL-II	Electrical Machines Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCSE20	Society, Environment & Engineering	20	80	32	100	40	4
BTCSE21	Electronics Devices & Circuit	20	80	32	100	40	3
BTCSE22	Analog Electronic Circuits	20	80	32	100	40	3
BTCSE23	Discrete Structure	20	80	32	100	40	3
BTCSE24	Object Oriented Programming	20	80	32	100	40	3
PRACTICAL-I	Analog Electronic Circuits Practical	20	80	32	100	40	1
PRACTICAL-II	Object Oriented Programming Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCSE25	Operating System	20	80	32	100	40	3
BTCSE26	Database Management System	20	80	32	100	40	3
BTCSE27	Computer Graphics	20	80	32	100	40	3
BTCSE28	Computer Organization	20	80	32	100	40	3
BTCSE29	Software Engineering	20	80	32	100	40	2
PRACTICAL-I	Database Management System Practical	20	80	32	100	40	1
PRACTICAL-II	Computer Graphics Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTCSE30	Computer Network	20	80	32	100	40	3
BTCSE31	Theory Of Computations	20	80	32	100	40	3
BTCSE32	Microprocessor	20	80	32	100	40	2
BTCSE33	Principles of Programming	20	80	32	100	40	2
BTCSE34	Industrial Economics and Management	20	80	32	100	40	2
PRACTICAL-I	Computer Network Practical	20	80	32	100	40	1
PRACTICAL-II	Microprocessor Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>14</b>



## B.Tech - Mechanical Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTME15	Mathematics III	20	80	32	100	40	4
BTME16	Thermodynamics	20	80	32	100	40	3
BTME17	Fluid Mechanics	20	80	32	100	40	3
BTME18	Workshop Processes	20	80	32	100	40	3
BTME19	Electrical Machines	20	80	32	100	40	3
PRACTICAL-I	Fluid Mechanics Practical	20	80	32	100	40	1
PRACTICAL-II	Workshop Processes Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTME20	Society, Environment & Engineering	20	80	32	100	40	4
BTME21	Dynamics	20	80	32	100	40	3
BTME22	Solid Mechanics	20	80	32	100	40	3
BTME23	Heat Transfer	20	80	32	100	40	3
BTME24	Theory of Machine	20	80	32	100	40	3
PRACTICAL-I	Solid Mechanics Practical	20	80	32	100	40	1
PRACTICAL-II	Theory of Machine Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTME25	Metal Cutting and Tool Design	20	80	32	100	40	3
BTME26	Control system	20	80	32	100	40	3
BTME27	Computer Graphics	20	80	32	100	40	3
BTME28	CNC programming	20	80	32	100	40	3
BTME29	Operation Research	20	80	32	100	40	2
PRACTICAL-I	Metal Cutting and Tool Design Practical	20	80	32	100	40	1
PRACTICAL-II	CNC Programming Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTME30	Strength of Materials	20	80	32	100	40	3
BTME31	Industrial Engineering & Production Management	20	80	32	100	40	3
BTME32	Design Machine Elements	20	80	32	100	40	2
BTME33	Hydraulic Machines	20	80	32	100	40	2
BTME34	Industrial Economics & Management	20	80	32	100	40	2
PRACTICAL-I	Design Machine Elements Practical	20	80	32	100	40	1
PRACTICAL-II	Hydraulic Machines Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>14</b>



# BACHELOR OF TECHNOLOGY

## MECHANICAL

### Admission Qualification:

The candidate who has successfully completed 10+2 with Physics, Mathematics, Chemistry or its equivalent with pass class Examination of any recognized Board / Council.

### Lateral Entry to 2<sup>nd</sup> Year (IIIrd Semester):

The Candidate who has successfully completed three years of Polytechnic diploma from state technical board or its equivalent after 10th standard Or 3 year B.Sc in any stream with Mathematics as major subject is eligible to take admission in 2<sup>nd</sup> Year (IIIrd Semester) of B.Tech in respective branches.

### Program Duration:

The program duration for B.Tech Mechanical will be four years comprising of eight semesters but the candidate will have to complete the program within Eight years from the session of enrolment. Accordingly program duration for Lateral Entry Students will be 3 years comprising of Six semesters but the candidate will have to complete the programme within six Years from the session of enrolment.

### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### B.Tech - Mechanical Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTME01	English - I	20	80	32	100	40	2
BTME02	Constitution of Indian Politics and Ethics	20	80	32	100	40	2
BTME03	Mathematics I	20	80	32	100	40	2
BTME04	Chemistry	20	80	32	100	40	2
BTME05	Electrical Technology	20	80	32	100	40	2
BTME06	Mechanics	20	80	32	100	40	2
BTME07	Introduction to Manufacturing Process	20	80	32	100	40	2
PRACTICAL-I	Chemistry Practical	20	80	32	100	40	1
PRACTICAL-II	Electrical Technology Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTME08	English - II	20	80	32	100	40	2
BTME09	Environmental Studies	20	80	32	100	40	2
BTME10	Mathematics II	20	80	32	100	40	2
BTME11	Applied Physics	20	80	32	100	40	2
BTME12	Fundamental of Computers	20	80	32	100	40	2
BTME13	Basic Electronics	20	80	32	100	40	2
BTME14	Engineering Drawing and Graphics	20	80	32	100	40	2
PRACTICAL-I	Applied Physics Practical	20	80	32	100	40	1
PRACTICAL-II	Basic Electronics Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>





# BACHELOR OF TECHNOLOGY

## TEXTILE TECHNOLOGY

### Admission Qualification:

The candidate who has successfully completed 10+2 with Physics, Mathematics, Chemistry or its equivalent with pass class Examination of any recognized Board / Council.

### Lateral Entry to 2<sup>nd</sup> Year (III<sup>rd</sup> Semester):

The Candidate who has successfully completed three years of Polytechnic diploma from state technical board or its equivalent after 10th standard Or 3 year B.Sc in any stream with Mathematics as major subject is eligible to take admission in 2<sup>nd</sup> Year (III<sup>rd</sup> Semester) of B.Tech in respective branches.

### Program Duration:

The program duration for B.Tech Textile Technology will be four years comprising of eight semesters but the candidate will have to complete the program within Eight years from the session of enrollment. Accordingly program duration for Lateral Entry Students will be 3 years comprising of Six semesters but the candidate will have to complete the programme within six Years from the session of enrolment.

### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### B.Tech - Textile Technology

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTTTE01	English - I	20	80	32	100	40	2
BTTTE02	Constitution of Indian Politics and Ethics	20	80	32	100	40	2
BTTTE03	Mathematics I	20	80	32	100	40	2
BTTTE04	Chemistry	20	80	32	100	40	2
BTTTE05	Electrical Technology	20	80	32	100	40	2
BTTTE06	Mechanics	20	80	32	100	40	2
BTTTE07	Introduction to Manufacturing Process	20	80	32	100	40	2
PRACTICAL-I	Chemistry Practical	20	80	32	100	40	1
PRACTICAL-II	Electrical Technology Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTTTE 08	English - II	20	80	32	100	40	2
BTTTE 09	Environmental Studies	20	80	32	100	40	2
BTTTE10	Mathematics-II	20	80	32	100	40	2
BTTTE 11	Applied Physics	20	80	32	100	40	2
BTTTE12	Fundamental of Computers	20	80	32	100	40	2
BTTTE 13	Basic Electronics	20	80	32	100	40	2
BTTTE 14	Engineering Drawing and Graphics	20	80	32	100	40	2
PRACTICAL-I	Applied Physics Practical	20	80	32	100	40	1
PRACTICAL-II	Basic Electronics Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>



## B.Tech - Mechanical Program Structure

7 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTME35	CAD/CAM(Application) & Automation	20	80	32	100	40	4
BTME36	Metrology & Quality Control	20	80	32	100	40	3
BTME37	I.C. Engineering & Automobile Engg	20	80	32	100	40	2
BTME38	Finite Element Method in Engineering	20	80	32	100	40	2
BTME39	Elective	20	80	32	100	40	3
PRACTICAL-I	Metrology & Quality Control Practical	20	80	32	100	40	2
PRACTICAL-II	I.C. Engineering & Automobile Engineering Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

8 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTME40	Refrigeration & Air Conditioning	20	80	32	100	40	4
BTME41	Machine Tool Design	20	80	32	100	40	3
BTME42	Jigs & Fixture Design	20	80	32	100	40	3
BTME43	Project	---	---	---	100	40	8
PRACTICAL-I	Refrigeration & Air Conditioning Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

Elective		
Subject Code	Subject Title	Credits
BTME39-I	Mechatronics	3
BTME39-II	Concurrent Engineering	3
BTME39-III	Management of Technology	3
BTME39-IV	Machine Vibration Analysis	3

**Grand Total Credits : 136**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.12500/-
Examination Fees	Rs.1300/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) More Than 3 Papers	Rs.1300/-



## B.Tech - Textile Technology

7 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTTTE 35	Quality Assurance in Fabric Manufacture	20	80	32	100	40	4
BTTTE 36	Textile Chemical Processing-II	20	80	32	100	40	3
BTTTE 37	Woven Fabric Structure	20	80	32	100	40	2
BTTTE 38	Bonded Fabrics	20	80	32	100	40	2
BTTTE 39	Elective-I	20	80	32	100	40	3
PRACTICAL-I	Cloth Analysis Practical	20	80	32	100	40	2
PRACTICAL-II	Textile Chemical Processing Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

8 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTTTE 40	Mechanics of Textile Machinery	20	80	32	100	40	4
BTTTE 41	Mechanics of Textiles Structures	20	80	32	100	40	3
BTTTE 42	Fashion Art and Design	20	80	32	100	40	3
BTTTE 43	Project	---	---	---	100	40	8
PRACTICAL-I	Production Process Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

Elective		
Subject Code	Subject Title	Credits
BTTTE39-I	Silk Yarn Technology	3
BTTTE39-II	Quality Assurance in Chemical Engineering	3

**Grand Total Credits :136**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.12500/-
Examination Fees	Rs.1300/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) More Than 3 Papers	Rs.1300/-

## B.Tech - Textile Technology

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTTTE 15	Mathematics III	20	80	32	100	40	4
BTTTE 16	Organic Chemistry	20	80	32	100	40	3
BTTTE 17	Basic of Mechanical Engineering	20	80	32	100	40	3
BTTTE 18	Instrumental Method of Analysis	20	80	32	100	40	3
BTTTE 19	Physical Chemistry	20	80	32	100	40	3
PRACTICAL-I	Basic of Mechanical Engineering Practical	20	80	32	100	40	1
PRACTICAL-II	Instrumental Method of Analysis Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTTTE20	Basics of Electrical Engineering	20	80	32	100	40	4
BTTTE21	Probability and Statistics	20	80	32	100	40	3
BTTTE22	Spun Yarn Technology	20	80	32	100	40	3
BTTTE23	Fabric Manufacture Technology	20	80	32	100	40	3
BTTTE24	Fabric Structure - I	20	80	32	100	40	3
PRACTICAL-I	Electrical Engineering Practical	20	80	32	100	40	1
PRACTICAL-II	Fibre Science - I Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTTTE 25	Knitting Technology	20	80	32	100	40	3
BTTTE 26	Fabric Structure-II	20	80	32	100	40	3
BTTTE 27	Spinning Process & Quality	20	80	32	100	40	3
BTTTE 28	Principles of Management	20	80	32	100	40	3
BTTTE 29	Textile Costing	20	80	32	100	40	2
PRACTICAL-I	Communication Skill Practical	20	80	32	100	40	1
PRACTICAL-II	Fibre Science -II Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTTTE30	Textile Quality Evolution	20	80	32	100	40	3
BTTTE 31	Textile Chemical Processing – I	20	80	32	100	40	3
BTTTE 32	Professional Ethics and Engineering	20	80	32	100	40	2
BTTTE33	Garment Technology	20	80	32	100	40	2
BTTTE34	Total Quality Management	20	80	32	100	40	2
PRACTICAL-I	Textile Quality Evolution Practical	20	80	32	100	40	1
PRACTICAL-II	Knitting and Garment Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>14</b>



## B.Tech in Fire, Safety & Environmental Engineering

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTFSE15	Toxicology	20	80	32	100	40	4
BTFSE16	Water & Waste Water Engineering	20	80	32	100	40	3
BTFSE17	Hydraulics	20	80	32	100	40	3
BTFSE18	Environmental Engineering	20	80	32	100	40	3
BTFSE19	Transportation Engineering	20	80	32	100	40	3
PRACTICAL-I	Environmental Engineering Practical	20	80	32	100	40	1
PRACTICAL-II	Toxicology Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTFSE20	Society, Environment & Engineering	20	80	32	100	40	4
BTFSE21	Building Construction	20	80	32	100	40	3
BTFSE22	Safety Management	20	80	32	100	40	3
BTFSE23	Pavement Material	20	80	32	100	40	3
BTFSE24	Solid Mechanics	20	80	32	100	40	3
PRACTICAL-I	Society, Environment & Engineering Practical	20	80	32	100	40	1
PRACTICAL-II	Safety Management Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTFSE25	Design of RC Structures	20	80	32	100	40	3
BTFSE26	Construction & Planning Management	20	80	32	100	40	3
BTFSE27	Theory of Machines	20	80	32	100	40	3
BTFSE28	Quality Control and Reliability Engineering	20	80	32	100	40	3
BTFSE29	Industrial Hazard & Safety	20	80	32	100	40	2
PRACTICAL-I	Construction & Planning Management Practical	20	80	32	100	40	1
PRACTICAL-II	Industrial Hazard & Safety Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTFSE30	Strength of Materials	20	80	32	100	40	3
BTFSE31	Industrial Engg. & Production Management	20	80	32	100	40	3
BTFSE34	Industrial Economics & Management	20	80	32	100	40	2
BTFSE32	Construction Safety	20	80	32	100	40	2
BTFSE33	Power System Protection	20	80	32	100	40	2
PRACTICAL-I	Strength of Materials Practical	20	80	32	100	40	1
PRACTICAL-II	Construction Safety Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>14</b>



# BACHELOR OF TECHNOLOGY

## FIRE, SAFETY AND ENVIRONMENTAL ENGINEERING

### Admission Qualification:

The candidate who has successfully completed 10+2 with Physics, Mathematics, Chemistry or its equivalent with pass class Examination of any recognized Board / Council.

### Lateral Entry to 2<sup>nd</sup> Year (IIIrd Semester):

The Candidate who has successfully completed three years of Polytechnic diploma from state technical board or its equivalent after 10th standard Or 3 year B.Sc in any stream with Mathematics as major subject is eligible to take admission in 2<sup>nd</sup> Year (IIIrd Semester) of B.Tech in Fire, Safety & Environmental Engineering

### Program Duration:

The program duration for B.Tech in Fire, Safety & Environmental Engineering will have to complete the program within Eight years from the session of enrolment. Accordingly program duration for Lateral Entry Students will be 3 years comprising of Six semesters but the candidate will have to complete the programme within six Years from the session of enrolment.

### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### B.Tech - Fire, Safety & Environmental Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTFSE01	English - I	20	80	32	100	40	2
BTFSE02	Constitution of Indian Politics and Ethics	20	80	32	100	40	2
BTFSE03	Mathematics I	20	80	32	100	40	2
BTFSE04	Chemistry	20	80	32	100	40	2
BTFSE05	Electrical Technology	20	80	32	100	40	2
BTFSE06	Mechanics	20	80	32	100	40	2
BTFSE07	Introduction to Manufacturing Process	20	80	32	100	40	2
PRACTICAL-I	Chemistry Practical	20	80	32	100	40	1
PRACTICAL-II	Electrical Technology Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTFSE08	English - II	20	80	32	100	40	2
BTFSE09	Environmental Studies	20	80	32	100	40	2
BTFSE10	Mathematics II	20	80	32	100	40	2
BTFSE11	Applied Physics	20	80	32	100	40	2
BTFSE12	Fundamental of Computers	20	80	32	100	40	2
BTFSE13	Basic Electronics	20	80	32	100	40	2
BTFSE14	Engineering Drawing and Graphics	20	80	32	100	40	2
PRACTICAL-I	Applied Physics Practical	20	80	32	100	40	1
PRACTICAL-II	Basic Electronics Practical	20	80	32	100	40	1
<b>Total Credits</b>							<b>16</b>







# **DIPLOMA ENGINEERING**

- **AUTOMOBILE ENGINEERING**
- **ELECTRICAL ENGINEERING**
- **CIVIL ENGINEERING**
- **ELECTRONICS & TELECOMMUNICATION ENGINEERING**
- **COMPUTER ENGINEERING**
- **MECHANICAL ENGINEERING**
- **FIRE AND SAFETY**
- **ADVANCE DIPLOMA IN INDUSTRIAL SAFETY**
- **PHARMA MANAGEMENT**
- **ADVANCE DIPLOMA IN PHARMA MANAGEMENT**

## B.Tech in Fire, Safety & Environmental Engineering

7 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTFSE35	Construction Safety And Environment	20	80	32	100	40	4
BTFSE36	Fire Engineering	20	80	32	100	40	3
BTFSE37	Design And Estimation of Electrical Systems	20	80	32	100	40	2
BTFSE38	Air & Radioactive Pollution	20	80	32	100	40	2
BTFSE39	Elective	20	80	32	100	40	3
PRACTICAL-I	Fire Fighting, First Aid & Rescue Practical	20	80	32	100	40	2
PRACTICAL-II	Construction Safety And Environment Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

8 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
BTFSE40	Fire Safety & First Aid	20	80	32	100	40	4
BTFSE41	Industrial Health and Hygiene	20	80	32	100	40	3
BTFSE42	Health Safety and Environment Legislation	20	80	32	100	40	3
BTFSE43	Project	---	---	---	100	40	8
PRACTICAL-I	Industrial Health and Hygiene Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

Elective		
Subject Code	Subject Title	Credits
BTFSE39-I	Water Resource System & Planning	3
BTFSE39-II	Management of Technology	3
BTFSE39-III	Machine Vibration Analysis	3
BTFSE39-IV	Highway Maintenance & Management System	3

**Grand Total Credits : 136**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.12500/-
Examination Fees	Rs.1300/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) More Than 3 Papers	Rs.1300/-



## Diploma Engineering Automobile : Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DAE13	Engineering Mechanics	20	80	32	100	40	4
DAE14	Manufacturing Technology-I	20	80	32	100	40	4
DAE15	Fluid Mechanics	20	80	32	100	40	4
DAE16	Machine Drawing	20	80	32	100	40	4
DAE17-L	Engineering Mechanics Lab	20	80	32	100	40	2
DAE18-L	Workshop-I Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DAE19	Thermodynamics	20	80	32	100	40	4
DAE20	Manufacturing Technology-II	20	80	32	100	40	4
DAE21	Automobile Electrical and Electronics	20	80	32	100	40	4
DAE22	Automobile Chassis	20	80	32	100	40	4
DAE23-L	Automobile Electrical and Electronics Lab	20	80	32	100	40	2
DAE24-L	Workshop-II Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DAE25	Automobile Transmission	20	80	32	100	40	4
DAE26	Vehicle Body Technology	20	80	32	100	40	4
DAE27	Two & Three Wheelers Technology	20	80	32	100	40	4
DAE28	Tractor and Farm Equipment	20	80	32	100	40	4
DAE29-L	Automobile Chassis and Transmission Lab	20	80	32	100	40	2
DAE30-L	Automobile Workshop Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DAE31	Industrial Engineering and Road Transport	20	80	32	100	40	4
DAE32	CAD/CAM	20	80	32	100	40	4
DAE33	Automotive Maintenance and Pollution Control	20	80	32	100	40	4
DAE34-L	CAD/CAM Lab	20	80	32	100	40	2
DAE35	Project	—	—	—	100	40	8
<b>Total Credits</b>							<b>22</b>

**Grand Total Credits : 122**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.10000/-
Examination Fees	Rs.1000/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.450/-
b) For 2 Papers	Rs.600/-
c) For 3 Papers	Rs.950/-
d) More Than 3 Papers	Rs.1000/-

# DIPLOMA IN ENGINEERING

## AUTOMOBILE

### Admission Qualification:

The candidate seeking admission to the Diploma in any Stream must have pass in 10<sup>th</sup> class or its equivalent in aggregate as well as in individual subject of Mathematics, Science from any recognized Board/Council.

### Lateral Entry to 2<sup>nd</sup> Year (IIIrd Semester) :

The Candidate who has successfully completed 10+2 in aggregate with Physics, Mathematics, Chemistry or 12<sup>th</sup> Technical or 2 Years ITI from NCVT Board / Council.

### Program Duration:

The program duration for Diploma in Automobile Engineering will be Three years comprising of six semesters but the candidate will have to complete the program within six years from the session of enrolment. Accordingly program duration for Lateral Entry Students will be 2 years comprising of Four semesters but the candidate will have to complete the programme within Four Years from the session of enrolment.

### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### Diploma Engineering Automobile : Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DAE01	Communication English	20	80	32	100	40	4
DAE02	Applied Mathematics-I	20	80	32	100	40	4
DAE03	Engineering Physics-I	20	80	32	100	40	4
DAE04	Engineering Chemistry-I	20	80	32	100	40	4
DAE05-L	Computer Application Lab	20	80	32	100	40	2
DAE06-L	Workshop Practice Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DAE07	Applied Mathematics-II	20	80	32	100	40	4
DAE08	Engineering Physics-II	20	80	32	100	40	4
DAE09	Engineering Chemistry-II	20	80	32	100	40	4
DAE10	Engineering Graphics	20	80	32	100	40	4
DAE11-L	Physics - Lab	20	80	32	100	40	2
DAE12-L	Chemistry - Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>





## Diploma Engineering Electrical: Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DEE13	Engineering Mechanics	20	80	32	100	40	4
DEE14	Electronic Devices	20	80	32	100	40	4
DEE15	Circuit Theory	20	80	32	100	40	4
DEE16	Electrical Machines-I	20	80	32	100	40	4
DEE17-L	Electronic Devices Lab	20	80	32	100	40	2
DEE18-L	Electrical Machines –I Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DEE19	Linear and Digital ICs	20	80	32	100	40	4
DEE20	Computer Hardware and Networking	20	80	32	100	40	4
DEE21	Electrical Machines-II	20	80	32	100	40	4
DEE22	Measurements and Instruments	20	80	32	100	40	4
DEE23-L	IC Lab	20	80	32	100	40	2
DEE24-L	Electrical Machines –II Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DEE25	Power Systems I	20	80	32	100	40	4
DEE26	Microprocessor and Microcontrollers	20	80	32	100	40	4
DEE27	Electrical Machine Design	20	80	32	100	40	4
DEE28	Control of Electrical Machines	20	80	32	100	40	4
DEE29-L	Control of Electrical Machines Lab	20	80	32	100	40	2
DEE30-L	Microcontrollers Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DEE31	Power Systems II	20	80	32	100	40	4
DEE32	Power Electronics	20	80	32	100	40	4
DEE33	Electrical Estimation	20	80	32	100	40	4
DEE34-L	Power Electronics Lab	20	80	32	100	40	2
DEE35	Project	—	—	—	100	40	8
<b>Total Credits</b>							<b>22</b>

**Grand Total Credits : 122**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.10000/-
Examination Fees	Rs.1000/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.450/-
b) For 2 Papers	Rs.600/-
c) For 3 Papers	Rs.950/-
d) More Than 3 Papers	Rs.1000/-

# DIPLOMA IN ENGINEERING

## ELECTRICAL

### Admission Qualification:

The candidate seeking admission to the Diploma in any Stream must have pass in 10<sup>th</sup> class or its equivalent in aggregate as well as in individual subject of Mathematics, Science from any recognized Board/Council.

### Lateral Entry to 2<sup>nd</sup> Year (IIIrd Semester) :

The Candidate who has successfully completed 10+2 in aggregate with Physics, Mathematics, Chemistry or 12<sup>th</sup> Technical or 2 Years ITI from NCVT Board / Council.

### Program Duration:

The program duration for Diploma in Electrical Engineering will be Three years comprising of six semesters but the candidate will have to complete the program within six years from the session of enrolment. Accordingly program duration for Lateral Entry Students will be 2 years comprising of Four semesters but the candidate will have to complete the programme within Four Years from the session of enrolment.

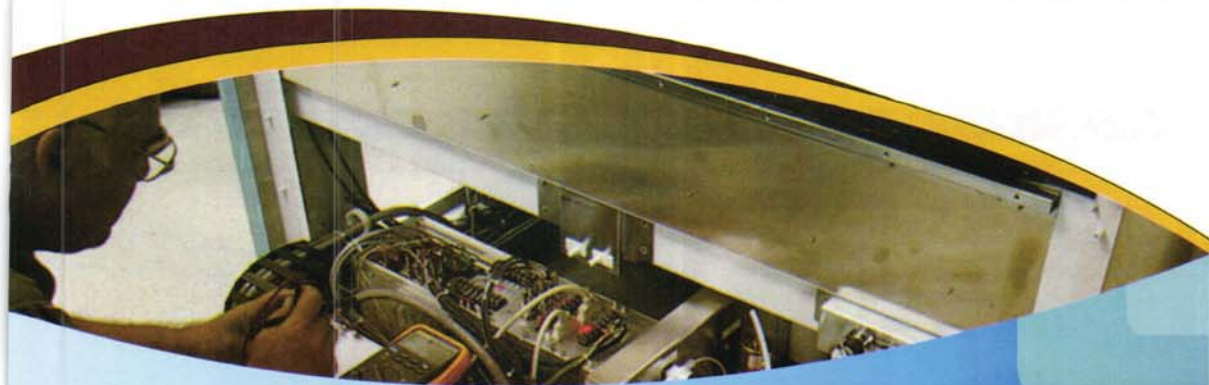
### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### Diploma Engineering Electrical: Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DEE01	Communication English	20	80	32	100	40	4
DEE02	Applied Mathematics-I	20	80	32	100	40	4
DEE03	Engineering Physics-I	20	80	32	100	40	4
DEE04	Engineering Chemistry-I	20	80	32	100	40	4
DEE05-L	Computer Application Lab	20	80	32	100	40	2
DEE06-L	Workshop Practice Lab	20	80	32	100	40	2
Total Credits							20

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DEE07	Applied Mathematics-II	20	80	32	100	40	4
DEE08	Engineering Physics-II	20	80	32	100	40	4
DEE09	Engineering Chemistry-II	20	80	32	100	40	4
DEE10	Engineering Graphics	20	80	32	100	40	4
DEE11-L	Physics - Lab	20	80	32	100	40	2
DEE12-L	Chemistry - Lab	20	80	32	100	40	2
Total Credits							20





## Diploma Engineering Civil : Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DCE13	Engineering Mechanics	20	80	32	100	40	4
DCE14	Construction Materials	20	80	32	100	40	4
DCE15	Surveying-I	20	80	32	100	40	4
DCE16	Civil Engineering Drawing	20	80	32	100	40	4
DCE17-L	Surveying Lab -I	20	80	32	100	40	2
DCE18-L	Engineering Mechanics Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DCE19	Theory of Structures	20	80	32	100	40	4
DCE20	Transportation Engineering	20	80	32	100	40	4
DCE21	Interior Design	20	80	32	100	40	4
DCE22	Water Resources Management	20	80	32	100	40	4
DCE23-L	CAD in Civil Engineering Lab - I	20	80	32	100	40	2
DCE24-L	Surveying Lab -II	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DCE25	Structural Engineering	20	80	32	100	40	4
DCE26	Quantity Surveying	20	80	32	100	40	4
DCE27	Concrete Technology and Construction	20	80	32	100	40	4
DCE28	Environmental Engineering	20	80	32	100	40	4
DCE29-L	CAD in Civil Engineering Lab -II	20	80	32	100	40	2
DCE30-L	Construction Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DCE31	Construction Management	20	80	32	100	40	4
DCE32	Hydraulics	20	80	32	100	40	4
DCE33	Town Planning	20	80	32	100	40	4
DCE34-L	Computer Application in Civil Engineering Lab	20	80	32	100	40	2
DCE35	Project	—	—	—	100	40	8
<b>Total Credits</b>							<b>22</b>

**Grand Total Credits : 122**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.10000/-
Examination Fees	Rs.1000/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.450/-
b) For 2 Papers	Rs.600/-
c) For 3 Papers	Rs.950/-
d) More Than 3 Papers	Rs.1000/-

# DIPLOMA IN ENGINEERING

## CIVIL

### Admission Qualification:

The candidate seeking admission to the Diploma in any Stream must have pass in 10<sup>th</sup> class or its equivalent in aggregate as well as in individual subject of Mathematics, Science from any recognized Board/Council.

### Lateral Entry to 2<sup>nd</sup> Year (IIIrd Semester) :

The Candidate who has successfully completed 10+2 in aggregate with Physics, Mathematics, Chemistry or 12<sup>th</sup> Technical or 2 Years ITI from NCVT Board / Council.

### Program Duration:

The program duration for Diploma in Civil Engineering will be Three years comprising of six semesters but the candidate will have to complete the program within six years from the session of enrolment. Accordingly program duration for Lateral Entry Students will be 2 years comprising of Four semesters but the candidate will have to complete the programme within Four Years from the session of enrolment.

### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

## Diploma Engineering Civil : Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DCE01	Communication English	20	80	32	100	40	4
DCE02	Applied Mathematics-I	20	80	32	100	40	4
DCE03	Engineering Physics-I	20	80	32	100	40	4
DCE04	Engineering Chemistry-I	20	80	32	100	40	4
DCE05-L	Computer Application Lab	20	80	32	100	40	2
DCE06-L	Workshop Practice Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DCE07	Applied Mathematics-II	20	80	32	100	40	4
DCE08	Engineering Physics-II	20	80	32	100	40	4
DCE09	Engineering Chemistry-II	20	80	32	100	40	4
DCE10	Engineering Graphics	20	80	32	100	40	4
DCE11-L	Physics - Lab	20	80	32	100	40	2
DCE12-L	Chemistry - Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>



## Diploma Engineering Electronics & Telecommunication : Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DETE13	Electrical Circuits and Instrumentation	20	80	32	100	40	4
DETE14	Electronic Devices	20	80	32	100	40	4
DETE15	C Programming	20	80	32	100	40	4
DETE16	Microprocessor	20	80	32	100	40	4
DETE17-L	Electronic Devices Lab	20	80	32	100	40	2
DETE18-L	Electrical Circuits and Instrumentation Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DETE19	Linear and Digital ICs	20	80	32	100	40	4
DETE20	Computer Hardware and Networking	20	80	32	100	40	4
DETE21	Industrial Electronics	20	80	32	100	40	4
DETE22	Object Oriented Programming	20	80	32	100	40	4
DETE23-L	IC Lab	20	80	32	100	40	2
DETE24-L	Industrial Electronics Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DETE25	VLSI	20	80	32	100	40	4
DETE26	Microcontrollers	20	80	32	100	40	4
DETE27	Communication Engineering - I	20	80	32	100	40	4
DETE28	Robotics	20	80	32	100	40	4
DETE29-L	VLSI Lab	20	80	32	100	40	2
DETE30-L	Communication Engineering - I Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DETE31	Embedded Systems	20	80	32	100	40	4
DETE32	Communication Engineering – II	20	80	32	100	40	4
DETE33	Television Engineering	20	80	32	100	40	4
DETE34-L	Embedded Systems Lab	20	80	32	100	40	2
DETE35	Project	—	—	—	100	40	8
<b>Total Credits</b>							<b>22</b>

**Grand Total Credits : 122**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.10000/-
Examination Fees	Rs.1000/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.450/-
b) For 2 Papers	Rs.600/-
c) For 3 Papers	Rs.950/-
d) More Than 3 Papers	Rs.1000/-

# DIPLOMA IN ENGINEERING

## ELECTRONICS & TELECOMMUNICATION

### Admission Qualification:

The candidate seeking admission to the Diploma in any Stream must have pass in 10<sup>th</sup> class or its equivalent in aggregate as well as in individual subject of Mathematics, Science from any recognized Board/Council.

### Lateral Entry to 2<sup>nd</sup> Year (IIIrd Semester) :

The Candidate who has successfully completed 10+2 in aggregate with Physics, Mathematics, Chemistry or 12<sup>th</sup> Technical or 2 Years ITI from NCVT Board / Council.

### Program Duration:

The program duration for Diploma in Electronics & Telecommunication Engineering will be Three years comprising of six semesters but the candidate will have to complete the program within six years from the session of enrolment. Accordingly program duration for Lateral Entry Students will be 2 years comprising of Four semesters but the candidate will have to complete the programme within Four Years from the session of enrolment.

### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### Diploma Engineering Electronics & Telecommunication : Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DETE01	Communication English	20	80	32	100	40	4
DETE02	Applied Mathematics-I	20	80	32	100	40	4
DETE03	Engineering Physics-I	20	80	32	100	40	4
DETE04	Engineering Chemistry-I	20	80	32	100	40	4
DETE05-L	Computer Application Lab	20	80	32	100	40	2
DETE06-L	Workshop Practice Lab	20	80	32	100	40	2
Total Credits							20

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DETE07	Applied Mathematics-II	20	80	32	100	40	4
DETE08	Engineering Physics-II	20	80	32	100	40	4
DETE09	Engineering Chemistry-II	20	80	32	100	40	4
DETE10	Engineering Graphics	20	80	32	100	40	4
DETE11-L	Physics - Lab	20	80	32	100	40	2
DETE12-L	Chemistry - Lab	20	80	32	100	40	2
Total Credits							20



## Diploma Engineering Computer : Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DCSE13	Operating Systems	20	80	32	100	40	4
DCSE14	C and Data Structures	20	80	32	100	40	4
DCSE15	Basics of Electrical & Electronics Engineering	20	80	32	100	40	4
DCSE16	Microprocessor	20	80	32	100	40	4
DCSE17-L	C and Data Structures Lab	20	80	32	100	40	2
DCSE18-L	Basics of Electrical & Electronics Engineering Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DCSE19	Computer Architecture	20	80	32	100	40	4
DCSE20	Web Design	20	80	32	100	40	4
DCSE21	Java Programming	20	80	32	100	40	4
DCSE22	Software Engineering	20	80	32	100	40	4
DCSE23-L	Java Programming Lab	20	80	32	100	40	2
DCSE24-L	Web Design Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DCSE25	Computer Networks	20	80	32	100	40	4
DCSE26	Relational Database Management Systems	20	80	32	100	40	4
DCSE27	Dot Net	20	80	32	100	40	4
DCSE28	Embedded Systems	20	80	32	100	40	4
DCSE29-L	Networks Lab	20	80	32	100	40	2
DCSE30-L	Dot Net Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DCSE31	Computer Hardware and servicing	20	80	32	100	40	4
DCSE32	Mobile Computing	20	80	32	100	40	4
DCSE33	Multimedia	20	80	32	100	40	4
DCSE34-L	Computer Hardware and servicing Lab	20	80	32	100	40	2
DCSE35	Project	—	—	—	100	40	8
<b>Total Credits</b>							<b>22</b>

**Grand Total Credits : 122**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.10000/-
Examination Fees	Rs.1000/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.450/-
b) For 2 Papers	Rs.600/-
c) For 3 Papers	Rs.950/-
d) More Than 3 Papers	Rs.1000/-

# DIPLOMA IN ENGINEERING

## COMPUTER

### Admission Qualification:

The candidate seeking admission to the Diploma in any Stream must have pass in 10<sup>th</sup> class or its equivalent in aggregate as well as in individual subject of Mathematics, Science from any recognized Board/Council.

### Lateral Entry to 2<sup>nd</sup> Year (IIIrd Semester) :

The Candidate who has successfully completed 10+2 in aggregate with Physics, Mathematics, Chemistry or 12<sup>th</sup> Technical or 2 Years ITI from NCVT Board / Council.

### Program Duration:

The program duration for Diploma in Computer Engineering will be Three years comprising of six semesters but the candidate will have to complete the program within six years from the session of enrolment. Accordingly program duration for Lateral Entry Students will be 2 years comprising of Four semesters but the candidate will have to complete the programme within Four Years from the session of enrolment.

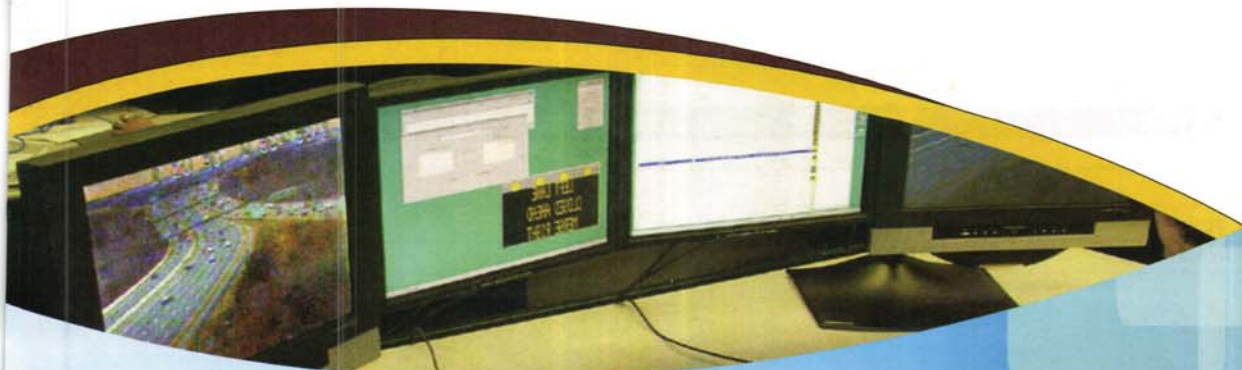
### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### Diploma Engineering Computer : Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DCSE01	Communication English	20	80	32	100	40	4
DCSE02	Applied Mathematics-I	20	80	32	100	40	4
DCSE03	Engineering Physics-I	20	80	32	100	40	4
DCSE04	Engineering Chemistry-I	20	80	32	100	40	4
DCSE05-L	Computer Application Lab	20	80	32	100	40	2
DCSE06-L	Workshop Practice Lab	20	80	32	100	40	2
Total Credits							20

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DCSE07	Applied Mathematics-II	20	80	32	100	40	4
DCSE08	Engineering Physics-II	20	80	32	100	40	4
DCSE09	Engineering Chemistry-II	20	80	32	100	40	4
DCSE10	Engineering Graphics	20	80	32	100	40	4
DCSE11-L	Physics - Lab	20	80	32	100	40	2
DCSE12-L	Chemistry - Lab	20	80	32	100	40	2
Total Credits							20





## Diploma Engineering Mechanical : Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DME13	Engineering Mechanics	20	80	32	100	40	4
DME14	Manufacturing Technology-I	20	80	32	100	40	4
DME15	Fluid Mechanics	20	80	32	100	40	4
DME16	Machine Drawing	20	80	32	100	40	4
DME17-L	Engineering Mechanics Lab	20	80	32	100	40	2
DME18-L	Workshop - I Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DME19	Thermodynamics	20	80	32	100	40	4
DME20	Manufacturing Technology-II	20	80	32	100	40	4
DME21	Electrical and Electronics Engineering	20	80	32	100	40	4
DME22	Refrigeration and Air Conditioning	20	80	32	100	40	4
DME23-L	Thermodynamics Lab	20	80	32	100	40	2
DME24-L	Workshop - II Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DME25	Design of Machine Elements	20	80	32	100	40	4
DME26	Thermal Engineering	20	80	32	100	40	4
DME27	Metrology	20	80	32	100	40	4
DME28	Mechatronics	20	80	32	100	40	4
DME29-L	Metrology Lab	20	80	32	100	40	2
DME30-L	Workshop Lab - III	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DME31	Industrial Engineering and Management	20	80	32	100	40	4
DME32	CAD/CAM	20	80	32	100	40	4
DME33	Automobile Technology	20	80	32	100	40	4
DME34-L	CAD/CAM Lab	20	80	32	100	40	2
DME35	Project	—	—	—	100	40	8
<b>Total Credits</b>							<b>22</b>

**Grand Total Credits : 122**

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.10000/-
Examination Fees	Rs.1000/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.450/-
b) For 2 Papers	Rs.600/-
c) For 3 Papers	Rs.950/-
d) More Than 3 Papers	Rs.1000/-

# DIPLOMA IN ENGINEERING

## MECHANICAL

### Admission Qualification:

The candidate seeking admission to the Diploma in any Stream must have pass in 10<sup>th</sup> class or its equivalent in aggregate as well as in individual subject of Mathematics, Science from any recognized Board/Council.

### Lateral Entry to 2<sup>nd</sup> Year (IIIrd Semester) :

The Candidate who has successfully completed 10+2 in aggregate with Physics, Mathematics, Chemistry or 12<sup>th</sup> Technical or 2 Years ITI from NCVT Board / Council.

### Program Duration:

The program duration for Diploma in Mechanical Engineering will be Three years comprising of six semesters but the candidate will have to complete the program within six years from the session of enrolment. Accordingly program duration for Lateral Entry Students will be 2 years comprising of Four semesters but the candidate will have to complete the programme within Four Years from the session of enrolment.

### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

## Diploma Engineering Mechanical : Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DME01	Communication English	20	80	32	100	40	4
DME02	Applied Mathematics-I	20	80	32	100	40	4
DME03	Engineering Physics-I	20	80	32	100	40	4
DME04	Engineering Chemistry-I	20	80	32	100	40	4
DME05-L	Computer Application Lab	20	80	32	100	40	2
DME06-L	Workshop Practice Lab	20	80	32	100	40	2
Total Credits							20

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DME07	Applied Mathematics-II	20	80	32	100	40	4
DME08	Engineering Physics-II	20	80	32	100	40	4
DME09	Engineering Chemistry-II	20	80	32	100	40	4
DME10	Engineering Graphics	20	80	32	100	40	4
DME11-L	Physics - Lab	20	80	32	100	40	2
DME12-L	Chemistry - Lab	20	80	32	100	40	2
Total Credits							20





● **Diploma in Health & Hygiene (One Year Course-12 Months)**

**Admission Qualification:**

The candidate seeking admission to the Diploma in Health & Hygiene must have pass in 12th (Intermediate in any stream) or 12th Technical or 2 Years ITI from NCVT Board/Council.

**Scheme of Examination:-**

- a. Internal assessment (IA) through assignments with a weightage of 20%
- b. Term-end examination having a weightage of 80%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 40% in each component.

Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DHH01	Industrial Health & Hygiene	20	80	32	100	40	4
DHH02	Fire Fighting & First Aid	20	80	32	100	40	4
DHH03	Toxicology	20	80	32	100	40	4
DHH04	Legislation on Health & Welfare	20	80	32	100	40	4
DHH05 P	Practical or Project report	20	80	32	100	40	4
<b>Total Credits</b>							<b>20</b>

<b>Year Wise Fee Structure</b>	
Program / Tuition Fees	Rs.12000/-
Examination Fees	Rs.1000/-
Registration Fees (At the time of admission only)	Rs.500/-
<b>Fees for Re-Sitting Examination</b>	
a) For 1 Paper	Rs.450/-
b) For 2 Papers	Rs.600/-
c) For 3 Papers	Rs.950/-
d) More Than 3 Papers	Rs.1000/-



## DIPLOMA IN

## FIRE AND SAFETY

### ● Diploma in Fire & Industrial Safety (One Year Course-12 Months)

#### Admission Qualification:

The candidate seeking admission to the Diploma in Fire & Industrial safety must have pass in 10th class or its equivalent in aggregate as well as in Individual subject of Mathematics, Science from any recognized Board/Council.

#### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DFIS01	Safety Management	20	80	32	100	40	4
DFIS02	Fire Safety & First Aid	20	80	32	100	40	4
DFIS03	Industrial Hazards Safety	20	80	32	100	40	4
DFIS04	Safety Legislation	20	80	32	100	40	4
DFIS05 P	Practical or Project report & Viva	20	80	32	100	40	4
Total Credits							20

### ● Diploma in Environment Science (One Year Course-12 Months)

#### Admission Qualification:

The candidate seeking admission to the Diploma in Environmental Science must have pass in 10th class or its equivalent in aggregate as well as in Individual subject of Mathematics, Science from any recognized Board/Council.

#### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DES01	Environment Management System & ISO 14001	20	80	32	100	40	4
DES02	Toxicology	20	80	32	100	40	4
DES03	Pollution	20	80	32	100	40	4
DES04	Legislation on Environment	20	80	32	100	40	4
DES05 P	Practical or Project report	20	80	32	100	40	4
Total Credits							20

### ● Diploma in Construction Safety (One Year Course-12 Months)

#### Admission Qualification:

The candidate seeking admission to the Diploma in Construction Safety must have pass in 10th class or its equivalent in aggregate as well as in Individual subject of Mathematics, Science from any recognized Board/Council.

#### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DCS01	Safety Management	20	80	32	100	40	4
DCS02	Fire Safety & First Aid	20	80	32	100	40	4
DCS03	Construction Safety	20	80	32	100	40	4
DCS04	Safety Legislation	20	80	32	100	40	4
DCS05 P	Practical or project report & viva	20	80	32	100	40	4
Total Credits							20



# DIPLOMA IN PHARMA MANAGEMENT

### Eligibility for Admission

B.Sc.(Any Stream)/ B.Pharma / D.Pharma / Non-Science graduates working in Pharma Industry for min 2 years can also apply.

### Duration of the Programme

Duration of the Diploma in Pharma Management is 6 months.

### Scheme of Examination:-

- a. Internal assessment (IA) through assignments with a weightage of 20%
- b. Term-end examination having a weightage of 80%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 40% in each component.

### Diploma in Pharma Management Program Structure

Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DPM1	Pharmaceutical Management	20	80	32	100	40	3
DPM2	Pharmaceutical Production Management	20	80	32	100	40	4
DPM3	Basics of Accountancy	20	80	32	100	40	3
DPM4	Pharmaceutical Economics	20	80	32	100	40	3
DPM5	Pharmaceutical Marketing	20	80	32	100	40	3
<b>Total Credits</b>							<b>16</b>

### Semester Wise Fee Structure

Program / Tuition Fees	Rs.5000/-
Examination Fees	Rs.1000/-
Registration Fees (At the time of admission only)	Rs.500/-
<b>Fees for Re-Sitting Examination</b>	
a) For 1 Paper	Rs.450/-
b) For 2 Papers	Rs.600/-
c) For 3 Papers	Rs.950/-
d) More Than 3 Papers	Rs.1000/-

## ADVANCE DIPLOMA IN INDUSTRIAL SAFETY

### Admission Qualification:

The Candidate who has successfully completed three years of Polytechnic Diploma from State Technical board/B.tech (any stream)/Graduation (3 Years any Stream) or its equivalent.

### Scheme of Examination:-

- a. Internal assessment (IA) through assignments with a weightage of 20%
- b. Term-end examination having a weightage of 80%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 40% in each component.

### Advance Diploma in Industrial Safety Program Structure

Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
ADIS01	Safety Management	20	80	32	100	40	4
ADIS02	Fire Safety & First Aid Rescue	20	80	32	100	40	4
ADIS03	Industrial Hazard Safety	20	80	32	100	40	4
ADIS04	Environment Management System & ISO 14001	20	80	32	100	40	4
ADIS05	Health, Safety and Environmental Legislation	20	80	32	100	40	4
ADIS06-P	Practical or Project report & Viva	20	80	32	100	40	4
<b>Total Credits</b>							<b>24</b>

### Year Wise Fee Structure

Program / Tuition Fees	Rs.13000/-
Examination Fees	Rs.1000/-
Registration Fees (At the time of admission only)	Rs.500/-
<b>Fees for Re-Sitting Examination</b>	
a) For 1 Paper	Rs.450/-
b) For 2 Papers	Rs.600/-
c) For 3 Papers	Rs.950/-
d) More Than 3 Papers	Rs.1000/-



**NEW COURSE**

## **DIPLOMA IN INTERIOR DESIGNING**

**Duration of The Programme :-** 1 Years

**Eligibility for Admission :** A Pass in Pre-University/10+2 Examination or equivalent examination.

**Scheme of Examination:-**

- Internal assessment (IA) through assignments with a weightage of 30%
- Term-end examination having a weightage of 70%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### **Diploma In Interior Designing: Program Structure**

<b>1<sup>st</sup> Year</b>							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DID 101	Building Materials – I	30	70	32	100	40	3
DID 102	Building Construction - I	30	70	32	100	40	3
DID 103	Computer Applications	30	70	32	100	40	3
DID 104	Residential Space Design	30	70	32	100	40	3
DID 105	Basics of Drawing and Graphics	30	70	32	100	40	4
Practical-I	Computer Applications Lab	30	70	32	100	40	2
Practical-II	Residential Space Design Lab	30	70	32	100	40	2
<b>Total Credits</b>							<b>20</b>

<b>Year Wise Fee Structure</b>	
Program / Tuition Fees	Rs.7500/-
Examination Fees	Rs.700/-
Registration Fees (At the time of admission only)	Rs.500/-
<b>Fees for Re-Sitting Examination</b>	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) For 4 Papers & More Than 4 Papers	Rs.1300/-



## ADVANCE DIPLOMA IN PHARMA MANAGEMENT

### Eligibility for Admission

B.Sc. (Any Stream)/ B.Pharma & D.Pharma with graduation in any stream. Non- Science Graduates working in Pharma Industry for min 2 years can also apply.

### Duration of the Programme

Duration of the ADVANCED DIPLOMA Programme is 'One' year.

### Scheme of Examination:-

- a. Internal assessment (IA) through assignments with a weightage of 20%
- b. Term-end examination having a weightage of 80%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 40% in each component.

### Advance Diploma in Pharma Management Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
PGDPM1	Human Anatomy & Physiology	20	80	32	100	40	3
PGDPM2	Pharmaceutics	20	80	32	100	40	4
PGDPM3	Computer Application in Management	20	80	32	100	40	3
PGDPM4	Principle & Practice of Management	20	80	32	100	40	3
PGDPM5	Human Resource Management	20	80	32	100	40	3
<b>Total Credits</b>							<b>16</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
PGDPM6	Consumer Behaviour	20	80	32	100	40	3
PGDPM7	Brand Management	20	80	32	100	40	4
PGDPM8	Pharma Distributions Management	20	80	32	100	40	3
PGDPM9	Pharma Product Management	20	80	32	100	40	3
PGDPM10	Project	—	—	—	100	40	3
<b>Total Credits</b>							<b>16</b>

### Semester Wise Fee Structure

Program / Tuition Fees	Rs.7500/-
Examination Fees	Rs.1000/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.450/-
b) For 2 Papers	Rs.600/-
c) For 3 Papers	Rs.950/-
d) More Than 3 Papers	Rs.1000/-



## DIPLOMA IN FASHION DESIGNING

**Duration of The Programme :-** 1 Years

**Eligibility for Admission :** A Pass in Pre-University/10+2 Examination or equivalent examination.

**Scheme of Examination:-**

- a. Internal assessment (IA) through assignments with a weightage of 30%
- b. Term-end examination having a weightage of 70%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 40% in each component.

### Diploma In Fashion Designing: Program Structure

1 <sup>st</sup> Year							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
DFD 101	History Of Fashion	30	70	32	100	40	3
DFD 102	Fashion Sketching & Illustration-I	30	70	32	100	40	3
DFD 103	Basic Design & Design Idea	30	70	32	100	40	3
DFD 104	Pattern Making & Grading-I	30	70	32	100	40	3
DFD 105	Garment Construction -I	30	70	32	100	40	4
Practical-I	Pattern Making & grading - I Lab	30	70	32	100	40	2
Practical-II	Pattern Making & grading - I Lab	30	70	32	100	40	2
<b>Total Credits</b>							<b>20</b>

#### Year Wise Fee Structure

Program / Tuition Fees	Rs.7500/-
Examination Fees	Rs.700/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) For 4 Papers & More Than 4 Papers	Rs.1300/-

Fashion Design



- **MCA**

*Master Of Computer Application*

- **PGDCA**

*Post Graduate Diploma In Computer Application*

- **M.Sc IT**

*Master of Science in Information Technology*

- **M.Sc ID**

*Master of Science in Interior Designing*

- **M.Sc FD**

*Master of Science in Fashion Designing*

- **MBA/DUAL SPECIALIZATION**

*Master of Business Administration*

- **EXECUTIVE MBA**

*Executive Master of Business Administration*



## MASTER OF COMPUTER APPLICATION (MCA)

### Admission Qualification:

Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognized University.

### Lateral Entry Scheme

#### Admission to Second Semester

Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognized University along with 4th Semester of GNIIT or 2 year certificate from any discipline from a recognized Institute .

#### Admission to Third Semester

Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognized University along with 1 year PGDCA / PGDIT / GNIIT or its equivalent.

#### Admission to Fifth Semester

Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognized University along with MSC (IT / CS) from a recognized University .

### Lateral Exit scheme of MCA

After Successful completion of First Two Semester of MCA, the candidate shall be eligible to obtain a **Post Graduate Diploma in Computer Application (PGDCA)**

After Successful Completion of First Four Semesters of MCA, the candidate shall be eligible to obtain **Advanced Diploma in Computer Application (ADCA)**

After Successful completion of all six semesters of MCA, the candidate shall be eligible to obtain a degree of **Master in Computer Application (MCA)**

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

### Program Duration:

The program duration for Master of Computer Application Three years comprising of six semester but the candidate will have to complete the program within six years from the session of enrollment.

### Scheme of Examination:-

- a. Internal assessment (IA) through assignments with a weightage of 20%
- b. Term-end examination having a weightage of 80%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 40% in each component.

### MCA : Programe Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MCA01	Mathematics	20	80	32	100	40	4
MCA02	Data Structure	20	80	32	100	40	4
MCA03	Programming in C	20	80	32	100	40	4
MCA04	Financial Accounting	20	80	32	100	40	4
MCA05-L	C Programming Lab and Windows Based Application Lab	20	80	32	100	40	2
MCA06-L	Data Structure Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

## MCA : Programme Structure

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MCA07	Discrete Mathematics	20	80	32	100	40	4
MCA08	DBMS	20	80	32	100	40	4
MCA09	OOPS with C++	20	80	32	100	40	4
MCA10	Computer Organization & Architecture	20	80	32	100	40	4
MCA11-L	DBMS Lab	20	80	32	100	40	2
MCA12-L	OOPS with (C++)Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MCA13	Data Communication	20	80	32	100	40	4
MCA14	Advanced Computer Graphics	20	80	32	100	40	4
MCA15	Advanced Operating Systems	20	80	32	100	40	4
MCA16	UNIX and Shell Programming	20	80	32	100	40	4
MCA17-L	UNIX Lab	20	80	32	100	40	2
MCA18-L	Operating System Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MCA19	Advanced Software Engineering	20	80	32	100	40	4
MCA20	Analysis and Design of Algorithm	20	80	32	100	40	4
MCA21	Advanced Java Programming	20	80	32	100	40	4
MCA22	System Programming	20	80	32	100	40	4
MCA23-L	DBMS Lab	20	80	32	100	40	2
MCA24-L	Advanced Java Programming Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>

5 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MCA25	Advanced Computer Network and Security	20	80	32	100	40	4
MCA26	Internet Programming and Web Designing	20	80	32	100	40	4
MCA27	Data Warehousing and Data Mining	20	80	32	100	40	4
MCA28	Elective-1	20	80	32	100	40	4
MCA29-L	Graphics Lab	20	80	32	100	40	2
MCA30-L	Web Designing / Internet Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>20</b>



## POST GRADUATE DIPLOMA IN COMPUTER APPLICATION

### PGDCA

**Duration of The Programme :-** 1 Years

**Eligibility for Admission :** Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognized University.

**Scheme of Examination:-**

- a. Internal assessment (IA) through assignments with a weightage of 20%
- b. Term-end examination having a weightage of 80%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 40% in each component.

### PGDCA: Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
PGDCA101	Mathematics	20	80	32	100	40	4
PGDCA102	Data Structure	20	80	32	100	40	4
PGDCA103	Programming In C	20	80	32	100	40	4
PGDCA104	Financial Accounting	20	80	32	100	40	4
PGDCA105L	C Programming Lab & Windows Based Application Lab	20	80	32	100	40	1
PGDCA106L	Data Structure Lab	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
PGDCA201	Discrete Mathematics	20	80	32	100	40	4
PGDCA202	DBMS	20	80	32	100	40	4
PGDCA203	Oops With C++	20	80	32	100	40	4
PGDCA204	Computer Organization & Architecture	20	80	32	100	40	4
PGDCA205L	DBMS Lab	20	80	32	100	40	1
PGDCA206L	Oops (C++) Lab	20	80	32	100	40	1
<b>Total Credits</b>							<b>18</b>

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.8000/-
Examination Fees	Rs.1500/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) For 4 Papers & More Than 4 Papers	Rs.1500/-

## MCA : Program Structure

6 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MCA31	Advanced MIS and E-Commerce	20	80	32	100	40	4
MCA32	Elective-2	20	80	32	100	40	4
MCA33	Elective-3	20	80	32	100	40	4
MCA34	Project	—	—	—	100	40	8
<b>Total Credits</b>							<b>20</b>

**Grand Total Credits : 120**

	Group - A	Group - B	Group - C
<b>Elective – 1</b>	1. Compiler Design	1. Pattern Recognition	1. Client Server Architecture
<b>Elective – 2</b>	2. Mobile Computing and Communication	2. Operations Research	2. Artificial Intelligence
<b>Elective – 3</b>	3. Simulation and Modeling	3. Advanced Computer Architecture.	3. Network Management

Note : In 5th Semester and 6th, Semester the candidate has to opt for one of the elective subjects out of the three provided along with the core courses. The candidate shall continue with the same Group in the 6th semester as opted in the 5th semester.

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.8000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.900/-
c) For 3 Papers	Rs.1200/-
d) For 4 Papers & More Than 4 Papers	Rs.1800/-



## MSCIT: Program Structure

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MS 21	Software Quality and Testing	20	80	32	100	40	4
MS 22	Advanced Communication Networks	20	80	32	100	40	3
MS 23	OOAD and UML	20	80	32	100	40	3
MS 24	Advanced Java	20	80	32	100	40	4
MS 25	Software Architecture	20	80	32	100	40	2
MS-L2	Advanced Java-Lab and OOAD & UML Lab	20	80	32	100	40	2
<b>Total Credits</b>							<b>16</b>

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MS 31	Project Management and Planning	20	80	32	100	40	3
MS 32	Client Server Computing	20	80	32	100	40	3
MS 33	Real Time System	20	80	32	100	40	2
MS 34	Project Synopsis	---	---	---	100	40	4
MS 35	Elective - I	20	80	32	100	40	6
<b>Total Credits</b>							<b>18</b>

### Electives - I

#### Group A: E- Commerce

Subject Code	Subject Title	Credits
MS35AE11	E-Commerce	3
MS35AE12	Data Warehousing	3

#### Group B: Systems and Networking

Subject Code	Subject Title	Credits
MS35BS21	Internet Programming	3
MS35BS22	Mobile Computing	3

#### Group C: Multimedia and Cognition

Subject Code	Subject Title	Credits
MS35CM31	Pattern Recognition	3
MS35CM32	Multimedia Computing	3

**Total Credits      18**

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
Ms41	Net Technology	20	80	32	100	40	4
Ms42	Component Technology	20	80	32	100	40	3
Ms43	VLSI	20	80	32	100	40	2
Ms44	Project	20	80	32	100	40	6
Ms45	Elective - II	20	80	32	100	40	4
<b>Total Credits</b>							<b>19</b>

## Master of Science in Information Technology (M.Sc IT)

**Duration of The Programme :-** 2 Years

**Admission to First Semester**

Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognized University with mathematics in 10+2

Or

Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognized 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 recognized 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 .**

**Scheme of Examination:-**

- a. Internal assessment (IA) through assignments with a weightage of 20%
- b. Term-end examination having a weightage of 80%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 40% in each component.
- e. Viva Voice and Project 100 marks

### MSCIT: Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MS 11	Computer Programming	20	80	32	100	40	5
MS 12	Algorithm Analysis and Design	20	80	32	100	40	4
MS 13	Discrete Mathematics	20	80	32	100	40	3
MS 14	Advanced RDBMS	20	80	32	100	40	3
MS-L1	Advanced RDBMS-Lab and Computer Programming-Lab and Algorithm Analysis & Design -Lab	20	80	32	100	40	3
<b>Total Credits</b>							<b>18</b>

M.Sc (IT)

Master of Science in Information Technology



## M.SC. IN INTERIOR DESIGNING

**Duration of The Programme :-** 2 Years

**Eligibility for Admission :** Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognized University.

### Lateral Entry Scheme

#### Admission to Second Semester

Admission is open to those candidates who have successfully completed their Graduation with 1 year PG Diploma / Diploma in equivalent field from recognized university/ institute Student completed 10+2 / Graduation and having 1/2/3 years working exp. In same field can also be treated to join as Lateral Entry considering his Work Exp.

### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 30%
- Term-end examination having a weightage of 70%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### M.SC. In Interior Designing : Program Structure

1 <sup>st</sup> Year							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MSCID 101	Residential Interior Space Design	30	70	32	100	40	5
MSCID 102	Building Materials	30	70	32	100	40	5
MSCID 103	Working Drawings - I	30	70	32	100	40	5
MSCID 104	Commercial Interior Space Design - I	30	70	32	100	40	5
MSCID 105	Computer Aided Design (Cad)-I	30	70	32	100	40	5
Practical-I	Residential Interior Space Design LAB	30	70	32	100	40	5
Practical-II	Commercial Interior Space Design - I LAB	30	70	32	100	40	5
<b>Total Credits</b>							<b>35</b>

2 <sup>nd</sup> Year							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MSCID 201	Design with Thesis	30	70	32	100	40	6
MSCID 202	Furniture Design	30	70	32	100	40	6
MSCID 203	Computer Aided Design (Cad-II)	30	70	32	100	40	6
MSCID 204	Working Drawing – II	30	70	32	100	40	6
MSCID 205	Project	—	—	—	100	40	8
Practical-I	Professional Practice Lab	30	70	32	100	40	3
<b>Total Credits</b>							<b>35</b>

Year Wise Fee Structure	
Program / Tuition Fees	Rs.7500/-
Examination Fees	Rs.700/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) For 4 Papers & More Than 4 Papers	Rs.1300/-

## MSCIT: Program Structure

### Electives - II

#### Group A: E- Commerce

Subject Code	Subject Title	Credits
MS45AE13	Cyber Laws	2
MS45AE14	Application Server	2

#### Group B: Systems and Networking

Subject Code	Subject Title	Credits
MS45BS23	Voice and Video Over IP	2
MS45BS24	Embedded Systems	2

#### Group C: Multimedia and Cognition

Subject Code	Subject Title	Credits
MS45CM33	Artificial Intelligence	2
MS45CM34	Image Processing	2

**Total Credits - 71**

**Note :** In 3rd Semester of Msc ( IT ), A candidate has to opt for any one of the three elective streams in addition to the two core courses. The candidate has to continue in the same Elective stream in both the 3rd & 4th semesters as well as do his/her project preferably in his field of Elective Specialisation. Change of elective is not permitted once a candidate has opted for a particular stream.

#### Guidelines for Choosing Electives:

Group A : E-Commerce : Any Graduate can opt for this elective.

Group B :Systems & Networking : Basic Knowledge of Electronics is desirable for this elective.

Group C : Multimedia & Cognition : Good foundation of mathematics is essential for this elective.

Minimum percentage for passing : 40% in each component.

Course exemption : 40% marks in equivalent examination.

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.8000/-
Examination Fees,	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.900/-
c) For 3 Papers	Rs.1200/-
d) For 4 Papers & More Than 4 Papers	Rs.1800/-

# MSc-IT





## M.SC. IN

### FASHION DESIGNING

**Duration of The Programme :-** 2 Years

**Eligibility for Admission :** Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognized University.

**Lateral Entry Scheme**

**Admission to Second Semester**

Admission is open to those candidates who have successfully completed their Graduation with 1 year PG Diploma / Diploma in equivalent field from recognized university/ institute Student completed 10+2 / Graduation and having 1/2/3 years working exp. In same field can also be treated to join as Lateral Entry considering his Work Exp.

**Scheme of Examination:-**

- a. Internal assessment (IA) through assignments with a weightage of 30%
- b. Term-end examination having a weightage of 70%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 40% in each component.

### M.SC. In Fashion Designing : Program Structure

1 <sup>st</sup> Year							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MSCFD 101	Fashion Designing & Design Studies	30	70	32	100	40	5
MSCFD 102	Fashion Sketching & Illustration	30	70	32	100	40	5
MSCFD 103	Textile Studies & Knitting Technology	30	70	32	100	40	5
MSCFD 104	Pattern Making Draping & Grading	30	70	32	100	40	5
MSCFD 105	Garment Construction	30	70	32	100	40	5
Practical-I	Pattern Making Draping & Grading Lab	30	70	32	100	40	5
Practical-II	Garment Construction Lab	30	70	32	100	40	5
<b>Total Credits</b>							<b>35</b>

2 <sup>nd</sup> Year							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MSCFD 201	Indian Traditional Textile & Embellishment Technology	30	70	32	100	40	6
MSCFD 202	Fashion Forecasting & Range Development	30	70	32	100	40	6
MSCFD 203	Fashion Marketing & Merchandising	30	70	32	100	40	6
MSCFD 204	Garment Production Management	30	70	32	100	40	6
MSCFD 205	Project	---	---	---	100	40	8
Practical-I	Garment Production Management Lab	30	70	32	100	40	3
<b>Total Credits</b>							<b>35</b>

#### Year Wise Fee Structure

Program / Tuition Fees	Rs.7500/-
Examination Fees	Rs.700/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) For 4 Papers & More Than 4 Papers	Rs.1300/-

## MASTER OF BUSINESS ADMINISTRATION (MBA)

### Admission Qualification:-

A candidate who has passed 3 years bachelor degree from recognized University or equivalent.

### Program Duration :

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

### Scheme of Examination:-

- a. Internal assessment (IA) through assignments with a weightage of 20%
- b. Term-end examination having a weightage of 80%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 40% in each component.

### MBA: Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MBA01	Management Theory & Practice	20	80	32	100	40	5
MBA02	Managerial Economics	20	80	32	100	40	5
MBA03	Accounting for Managers	20	80	32	100	40	5
MBA04	Organizational Behaviour	20	80	32	100	40	5
MBA05	Quantitative Techniques	20	80	32	100	40	5
MBA06	Business Ethics & Values	20	80	32	100	40	5
<b>Total Credits</b>							<b>30</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MBA07	Management Information System & Computer Application	20	80	32	100	40	5
MBA08	Business Law	20	80	32	100	40	5
MBA09	Financial Management	20	80	32	100	40	5
MBA10	Marketing Management	20	80	32	100	40	5
MBA11	Human Asset Management	20	80	32	100	40	5
MBA12	Executive Communication & Research Methodology	20	80	32	100	40	5
<b>Total Credits</b>							<b>30</b>





**MBA : Program Structure  
3<sup>rd</sup> Semester**

**IT Management- Group - E**

Code	Subject Name
MBA16E	Database Management System
MBA17E	Structured System Analysis & Design
MBA18E	ERP

**Logistics & Supply Chain Management Group - F**

Code	Subject Name
MBA16F	Logistics Management
MBA17F	Manufacturing & Operations Management
MBA18F	Retail Management

**Production Management - Group - G**

Code	Subject Name
MBA16G	Sales & Distribution Management
MBA17G	Production & Operations Management
MBA18G	Production & Material Management

**Construction Management - Group - H**

Code	Subject Name
MBA16H	Construction Management
MBA17H	Construction Safety Management
MBA18H	Construction Contracts Management

**Pharma Management - Group - I**

Code	Subject Name
MBA16I	Pharmaceutical Management
MBA17I	Pharmaceutical Production Management
MBA18I	Basics of Accountancy

**International Business - Group - J**

Code	Subject Name
MBA16J	International Trading
MBA17J	International Marketing
MBA18J	World Economy & Globalization

**Insurance & Banking - Group - K**

Code	Subject Name
MBA16K	Principle of Insurance
MBA17K	Management of General Insurance
MBA18K	Banking System

**Retails Management - Group - L**

Code	Subject Name
MBA16L	Retailing & Retail Formats
MBA17L	Retail Strategies
MBA18L	Retail Organization & Managing Retail Personnel

**Project Management - Group - M**

Code	Subject Name
MBA16M	Project Management Concepts
MBA17M	Project Planning
MBA18M	Project Performance, Measurement Control

**Hospital Management - Group - N**

Code	Subject Name
MBA16N	Hospital Inventory Management
MBA17N	Principles of Management
MBA18N	Principles of Marketing Management

**Industrial Management - Group - O**

Code	Subject Name
MBA16O	Industrial Engineering
MBA17O	Manpower Planning & Motivation
MBA18O	Organizational Behaviour

**Material Management - Group - P**

Code	Subject Name
MBA16P	Basics of Accountancy in Materials Management
MBA17P	Inventory Management
MBA18P	Logistics Management

## MBA : Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MBA13	Management of Entrepreneurship and Small Business	20	80	32	100	40	5
MBA14	Business Policy and Strategic Management	20	80	32	100	40	5
MBA15	Operation Research	20	80	32	100	40	5
MBA16	Elective Stream – 1	20	80	32	100	40	5
MBA17	Elective Stream – 2	20	80	32	100	40	5
MBA18	Elective Stream – 3	20	80	32	100	40	5
<b>Total Credits</b>							<b>30</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MBA19	International Business Environment	20	80	32	100	40	5
MBA20	Operations Management	20	80	32	100	40	5
MBA21	Total Quality Management	20	80	32	100	40	5
MBA22	Electives Stream – 1	20	80	32	100	40	5
MBA23	Electives Stream – 2	20	80	32	100	40	5
MBA24	Electives Stream – 3	20	80	32	100	40	5
MBA25	Project	---	---	---	100	40	10
<b>Total Credits</b>							<b>40</b>

**Grand Total Credits : 130**

**The Candidate shall be choose any one of Elective**

**3<sup>rd</sup> Semester**

**Finance - Group - A**

Code	Subject Name
MBA16A	Investment Management.
MBA17A	Merchant Banking and Financial Services
MBA18A	Management of Infrastructure Financing

**Marketing - Group - B**

Code	Subject Name
MBA16B	Product and Brand Management
MBA17B	Services Marketing
MBA18B	Sales and Distribution Management

**Human Resource - Group - C**

Code	Subject Name
MBA16C	Management of Training and Development
MBA17C	Compensation Management
MBA18C	Organization Development and Change Management

**Operation Management - Group - D**

Code	Subject Name
MBA16D	Materials Management
MBA17D	Production Technique
MBA18D	Project Management



## MBA : Program Structure

### 4<sup>th</sup> Semester

#### Insurance & Banking - Group - K

Code	Subject Name
MBA22K	Introduction to Banking Management
MBA23K	Introduction to Insurance
MBA24K	Principles of Management

#### Retails Management - Group - L

Code	Subject Name
MBA22L	Retail Marketing
MBA23L	Retail Store Operation
MBA24L	Retail Strategy

#### Project Management - Group - M

Code	Subject Name
MBA22M	Project Communication & Planning
MBA23M	Project Management
MBA24M	Strategic Project Management

#### Hospital Management - Group - N

Code	Subject Name
MBA22N	Health Economics & TQM
MBA23N	IT for Hospital
MBA24N	Hospital Financial Management

#### Industrial Management - Group - O

Code	Subject Name
MBA22O	Engineering Economics
MBA23O	Industrial Psychology
MBA24O	Project Management & TQM

#### Material Management - Group - P

Code	Subject Name
MBA22P	Manufacturing & Operation Management
MBA23P	Supply Chain Management
MBA24P	Import & Export policy

#### Quality Management - Group - Q

Code	Subject Name
MBA22Q	Quality Control & Assurance
MBA23Q	Customer Relationship Management
MBA24Q	Basics of Reliability

#### Fire & Safety Management - Group - R

Code	Subject Name
MBA22R	Road Signs & Regulations Related to Road & Traffic
MBA23R	Gas Safety
MBA24R	Pollution

#### Semester Wise Fee Structure

Program / Tuition Fees	Rs.10000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.700/-
b) For 2 Papers	Rs.1100/-
c) For 3 Papers	Rs.1300/-
d) For 4 Papers	Rs.1500/-
e) For 5 Papers and above	Rs.1800/-

**MBA : Program Structure****3<sup>rd</sup> Semester****Quality Management - Group - Q**

Code	Subject Name
MBA16Q	Introduction to Quality Management
MBA17Q	Strategic Quality Management
MBA18Q	TQM & Six Sigma

**Fire & Safety Management - Group - R**

Code	Subject Name
MBA16R	Safety Management
MBA17R	Fire Safety & First Aid
MBA18R	Industrial Health & Hygiene

**4<sup>th</sup> Semester****Finance - Group - A**

Code	Subject Name
MBA22A	International Financial Management
MBA23A	Portfolio Management and Security Analysis
MBA24A	Financial Derivative

**Marketing - Group - B**

Code	Subject Name
MBA22B	Advertising and Sales Promotion
MBA23B	Industrial Marketing
MBA24B	International Marketing

**Human Resource - Group - C**

Code	Subject Name
MBA22C	Management of Industrial Relation
MBA23C	International Human Resource Management
MBA24C	Labour Legislation

**Operation Management - Group - D**

Code	Subject Name
MBA22D	Element and Six Sigma ( TQM )
MBA23D	Supply Chain Management
MBA24D	Innovation and R & D Management

**IT Management- Group - E**

Code	Subject Name
MBA22E	E-Business
MBA23E	Software Management
MBA24E	Object Oriented Programme with Java

**Logistics & Supply Chain Management Group - F**

Code	Subject Name
MBA22F	Physical Distribution & Supply Chain Management
MBA23F	Materials Management
MBA24F	International Buying

**Production Management - Group - G**

Code	Subject Name
MBA22G	Element and Six Sigma ( TQM )
MBA23G	Inventory Management
MBA24G	Supply Chain Management & Logistic Management

**Construction Management - Group - H**

Code	Subject Name
MBA22H	Infrastructure Development & Management
MBA23H	Construction Equipment Management
MBA24H	Project Management

**Pharma Management - Group - I**

Code	Subject Name
MBA22 I	Pharmaceutical Economics
MBA23 I	Pharmaceutical Marketing
MBA24 I	Pharmaceutical Salesmanship

**International Business - Group - J**

Code	Subject Name
MBA22 J	International HRM
MBA23 J	International Marketing
MBA24 J	Principles of Management



**MASTER OF BUSINESS ADMINISTRATION (MBA) DUAL SPECIALIZATION**

**Admission Qualification:-**

A candidate who has passed 3 years bachelor degree from recognized University or equivalent.

**Program Duration :**

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

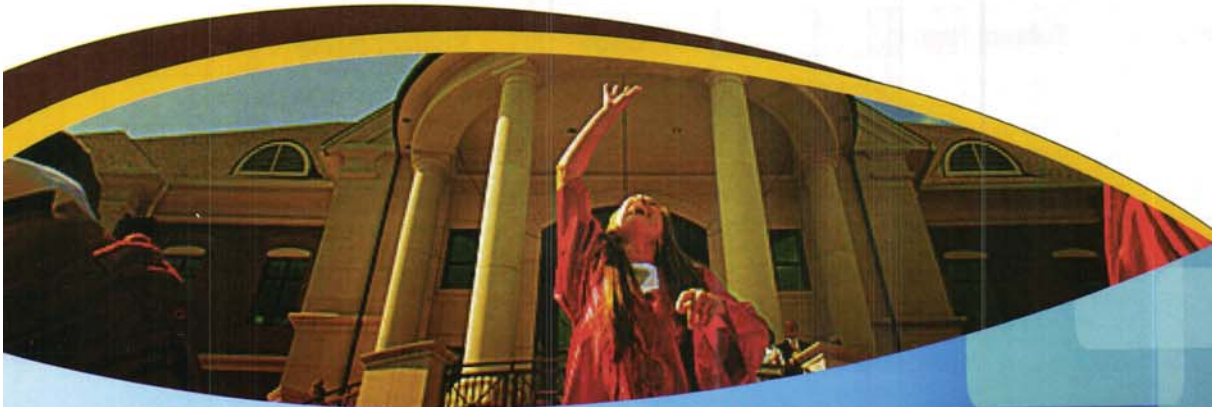
**Scheme of Examination:-**

- a. Internal assessment (IA) through assignments with a weightage of 20%
- b. Term-end examination having a weightage of 80%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 40% in each component.

**MBA Dual Specialization: Program Structure**

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MB 01	Management Concepts	20	80	32	100	40	5
MB 02	Organisational Behaviour	20	80	32	100	40	5
MB 03	Managerial Economics	20	80	32	100	40	5
MB 04	Management Information System	20	80	32	100	40	5
MB 05	Legal Aspects of Business	20	80	32	100	40	5
MB 06	Accounting For Management	20	80	32	100	40	5
<b>Total Credits</b>							<b>30</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MB 07	Production Management	20	80	32	100	40	5
MB 08	Marketing Management	20	80	32	100	40	5
MB 09	Human Resource Management	20	80	32	100	40	5
MB 10	Financial Management	20	80	32	100	40	5
MB 11	Quality Management	20	80	32	100	40	5
MB 12	Research Methods in Business	20	80	32	100	40	5
<b>Total Credits</b>							<b>30</b>



**MBA Dual Specialization: Program Structure**

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MB 13	Project Management	20	80	32	100	40	5
MB 14	Strategic Management	20	80	32	100	40	5
MB 15	International Business	20	80	32	100	40	5
MB 16	First Elective Stream – Paper I	20	80	32	100	40	5
MB 17	First Elective Stream – Paper II	20	80	32	100	40	5
MB 18	First Elective Stream – Paper III	20	80	32	100	40	5
<b>Total Credits</b>							<b>30</b>

4 <sup>th</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MB 19	Applied Management Operation Research	20	80	32	100	40	5
MB 20	Indian Business Environment	20	80	32	100	40	5
MB 21	Second Electives Stream – Paper I	20	80	32	100	40	5
MB 22	Second Electives Stream – Paper II	20	80	32	100	40	5
MB 23	Second Electives Stream – Paper III	20	80	32	100	40	5
MB 24	Project	---	---	---	100	40	10
<b>Total Credits</b>							<b>35</b>

**Grand Total Credits : 125**

**M.B.A - Dual Specialization**

**Finance - A**

Code	Subject Name
MBFN-01	Behavioural Finance
MBFN-02	Financial Engineering
MBFN-03	Corporate Structured Finance

**Marketing - B**

Code	Subject Name
MBMK-01	Consumer Behaviour
MBMK-02	Sales Promotion Management
MBMK-03	Marketing of Services

**Human Resource - C**

Code	Subject Name
MBHR-01	Legal Framework Governing Human Relations
MBHR-02	Human Resource Development - Strategies and Systems
MBHR-03	Cross Cultural and Global Management

**Operation Management - D**

Code	Subject Name
MBOP-01	Purchasing and Materials Management
MBOP-02	Logistics Management
MBOP-03	Service Operations Management



**MBA Dual Specialization: Program Structure**

**Total Quality Management - Q**

Code	Subject Name
MBTQM-01	Methodological Approaches to TQM
MBTQM-02	Tools of TQM
MBTQM-03	Leadership requirements for TQM

**Fire & Safety Management - R**

Code	Subject Name
MBSM1	Road Signs & Regulations Related to Road & Traffic
MBSM2	Gas Safety
MBSM3	Pollution

**Semester Wise Fee Structure**

Program / Tuition Fees	Rs.10000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.700/-
b) For 2 Papers	Rs.1100/-
c) For 3 Papers	Rs.1300/-
d) For 4 Papers	Rs.1500/-
e) For 5 Papers and above	Rs.1800/-



**MBA Dual Specialization: Program Structure**

**IT Management- E**

Code	Subject Name
MBIT-01	Database Management System
MBIT-02	System Analysis and Design
MBIT-03	Management Support System

**Production Management - G**

Code	Subject Name
MBPM1	Element and Six Sigma ( TQM )
MBPM2	Inventory Management
MBPM3	Supply Chain Management & Logistic Management

**Pharma Management - I**

Code	Subject Name
MBPHM1	Pharmaceutical Economics
MBPHM2	Pharmaceutical Marketing
MBPHM3	Pharmaceutical Salesmanship

**Insurance & Banking -K**

Code	Subject Name
MBBN-01	Indian Banking System
MBBN-02	Retailing and CRM in Banking
MBBN-03	Financial Derivatives

**Project Management - M**

Code	Subject Name
MBPM-01	Introduction to Project Management
MBPM-02	Project Planning and Scheduling
MBPM-03	Managing human resource in Projects

**Industrial Management - O**

Code	Subject Name
MBIM1	Engineering Economics
MBIM2	Industrial Psychology
MBIM3	Project Management & TQM

**Logistics & Supply Chain Management - F**

Code	Subject Name
MBL&S1	Physical Distribution & Supply Chain Management
MBL&S2	Materials Management
MBL&S3	International Buying

**Construction Management - H**

Code	Subject Name
MBCM1	Infrastructure Development & Management
MBCM2	Construction Equipment Management
MBCM3	Project Management

**International Business - J**

Code	Subject Name
MBIB1	International HRM
MBIB2	International Marketing
MBIB3	Principles of Management

**Retails Management - L**

Code	Subject Name
MBRM-01	Buyer Behaviour
MBRM-02	Retail Planning
MBRM-03	Direct and Network Marketing

**Hospital Management - N**

Code	Subject Name
MBHM-01	Tourism Planning and Marketing
MBHM-02	International Hospitality Law
MBHM-03	Hospitality Management

**Material Management - P**

Code	Subject Name
MBMM1	Manufacturing & Operation Management
MBMM2	Supply Chain Management
MBMM13	Import & Export policy



## EXECUTIVE MBA : Program Structure

◆ The Candidate shall be choose any one of below streams.

### Elective Subject

#### Human Resource Mngement

Code	Subject Name
EMBAHR205	Management Training & Development
EMBAHR206	Organizational Development & Team Building
EMBAHR207	Industrial Relation
EMBAHR208	International HRM

#### Finance Management

Code	Subject Name
EMBAFM205	Corporate Finance
EMBAFM206	Investment Management
EMBAFM207	Security Analysis & Portfolio Management
EMBAFM208	Financial Derivatives

#### IT Management

Code	Subject Name
EMBAIT205	Database Management System
EMBAIT206	Structured System analysis & Design
EMBAIT207	E-Commerce
EMBAIT208	ERP

#### Marketing Management

Code	Subject Name
EMBAMM205	Service Marketing
EMBAMM206	Brand Management
EMBAMM207	Industrial Marketing
EMBAMM208	Marketing Research & Consumer Behavior

#### Construction Management

Code	Subject Name
EMBACM205	Construction Management
EMBACM206	Construction Safety Management
EMBACM207	Construction Contracts Management
EMBACM208	Inirastructure Development & Management

#### Operation Management

Code	Subject Name
EMBAOM205	Materials Management
EMBAOM206	Production Technique
EMBAOM207	Project Management
EMBAOM208	Logistic Management

#### Retail Management

Code	Subject Name
EMBARM205	Retailing & Retail Formats
EMBARM206	Retail Strategies
EMBARM207	Retail Organization & Managing Retail Personnel
EMBARM208	Retail Merchandise Management

#### Project Management

Code	Subject Name
EMBAPM205	Project Management Concepts
EMBAPM206	Project Planning
EMBAPM207	Project Performance, Measurement Control
EMBAPM208	Project Evaluation Techniques

## Executive Master of Business Administration

### EXECUTIVE MBA

#### Admission Qualification :

A Candidate seeking Admission in Executive MBA should have any degree and 2 years Professional Experience.

OR

A Candidate seeking Admission in Executive MBA should have Diploma of recognized Board with 5 years Post Qualification work experience as a Manager / Supervisor.

#### Program Duration :

The program duration for Executive MBA will be one year comprising of two semesters but the candidate will have complete the program within two year form the session of enrollment.

#### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

#### EXECUTIVE MBA : Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
EMBA101	Principles Of Management	20	80	32	100	40	5
EMBA102	Managerial Economics	20	80	32	100	40	5
EMBA103	Management Accounting	20	80	32	100	40	5
EMBA104	Financial Management	20	80	32	100	40	5
EMBA105	Marketing Management	20	80	32	100	40	5
EMBA106	Human Resource Management	20	80	32	100	40	5
EMBA107	Organizational Behaviour	20	80	32	100	40	5
EMBA108	Operations Management	20	80	32	100	40	5
EMBA109	Legal Aspects of Business	20	80	32	100	40	5
<b>Total Credits</b>							<b>45</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
EMBA201	Strategy in Business	20	80	32	100	40	5
EMBA202	International Business	20	80	32	100	40	5
EMBA203	Entrepreneurship	20	80	32	100	40	5
EMBA204	Management Information System	20	80	32	100	40	5
EMBA205	Elective - 1	20	80	32	100	40	5
EMBA206	Elective - 2	20	80	32	100	40	5
EMBA207	Elective - 3	20	80	32	100	40	5
EMBA208	Elective - 4	20	80	32	100	40	5
EMBA209	Project Report	---	---	---	100	40	5
	Project Viva Voice						2
<b>Total Credits</b>							<b>47</b>





# **MASTER OF TECHNOLOGY**

- **CIVIL ENGINEERING**
- **ELECTRICAL ENGINEERING**
- **ELECTRONICS AND TELECOMMUNICATION ENGINEERING**
- **COMPUTER ENGINEERING**
- **MECHANICAL ENGINEERING**

## EXECUTIVE MBA : Program Structure

### Insurance & Banking

Code	Subject Name
EMBAINB205	Principles of Insurance
EMBAINB206	Management of General Insurance
EMBAINB207	Banking System
EMBAINB208	Banking Laws & Practices

### International Business

Code	Subject Name
EMBAIB205	International Trading
EMBAIB206	International Marketing
EMBAIB207	World Economy & Globalization
EMBAIB208	International Logistic Management

### Hospital Management

Code	Subject Name
EMBAHM205	Hospital Inventory Management
EMBAHM206	Principles of Management
EMBAHM207	Principles of Marketing Management
EMBAHM208	Health Economics & TQM

### Pharma Management

Code	Subject Name
EMBAPHM205	Pharmaceutical Management
EMBAPHM206	Pharmaceutical Production Management
EMBAPHM207	Basics of Accountancy
EMBAPHM208	Pharmaceutical Economics

### Production Management

Code	Subject Name
EMBAPRM205	Sales & Distribution Management
EMBAPRM206	Production & Operations Management
EMBAPRM207	Production & Material Management
EMBAPRM208	Total Quality Management

### Material Management

Code	Subject Name
EMBAMAM205	Basics of Accountancy in Material Management
EMBAMAM206	Inventory Management
EMBAMAM207	Logistics Management
EMBAMAM208	Manufacturing & Operation Management

### Semester Wise Fee Structure

Program / Tuition Fees	Rs.10000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.700/-
b) For 2 Papers	Rs.1100/-
c) For 3 Papers	Rs.1300/-
d) For 4 Papers	Rs.1500/-
e) For 5 Papers and above	Rs.1800/-



## M.Tech – Civil : Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MTCE11	Prestressed Concrete	20	80	32	100	40	4
MTCE12	High Rise Structures	20	80	32	100	40	4
MTCE13	Planning & Design of Airport	20	80	32	100	40	4
MTCE14	Transportation System Planning	20	80	32	100	40	4
Practical - I	Prestressed Concrete Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

4 <sup>th</sup> Semester (Specialization)							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
<b>MTCE16A Highway &amp; Transportation Engineering</b>							
MTCE16A <sub>1</sub>	Highway Engineering Economics	20	80	32	100	40	3
MTCE16A <sub>2</sub>	Highway Engineering & Design	20	80	32	100	40	3
MTCE16A <sub>3</sub>	Highway Maintenance and Management System	20	80	32	100	40	3
MTCE16A <sub>4</sub>	Project	—	—	—	100	40	9
<b>MTCE16B Hydrology &amp; Water Resourced Engineering</b>							
MTCE16B <sub>1</sub>	Irrigation and Water Resourced Engineering	20	80	32	100	40	3
MTCE16B <sub>2</sub>	Water Resourced System & Planning	20	80	32	100	40	3
MTCE16B <sub>3</sub>	Hydrology	20	80	32	100	40	3
MTCE16B <sub>4</sub>	Project	—	—	—	100	40	9
<b>MTCE16C Structural Engineering</b>							
MTCE16C <sub>1</sub>	Design of Industrial Structures and Bridges	20	80	32	100	40	3
MTCE16C <sub>2</sub>	Design of Hydraulic Structures	20	80	32	100	40	3
MTCE16C <sub>3</sub>	Plastic Analysis of Metallic Structures	20	80	32	100	40	3
MTCE16C <sub>4</sub>	Project	—	—	—	100	40	9
<b>Total Credits per Specialization : 18</b>							
<b>GRAND TOTAL CREDITS : 72</b>							

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.15000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.900/-
c) For 3 Papers	Rs.1200/-
d) For 4 Papers & More Than 4 Papers	Rs.1800/-

# MASTER OF TECHNOLOGY

## CIVIL

### Admission Qualification:

The Candidate seeking admission to the M.Tech in Civil must have passed B.E./B.Tech/AMIE with pass class from Civil stream. Stream includes Civil Engineering, Civil Construction and Equivalent.

### Program Duration:

The program duration for M.Tech in Civil Engineering will be Two years comprising of Four Semesters but the candidate will have to complete the program within four years from the session of enrollment.

### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### M.Tech – Civil : Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MTCE01	Numerical Methods	20	80	32	100	40	4
MTCE02	Applied Elasticity & Plasticity	20	80	32	100	40	4
MTCE03	Behaviour & Design of reinforced Concrete Structure	20	80	32	100	40	4
MTCE04	Pavement Material	20	80	32	100	40	4
Practical-I	Behaviour & Design of reinforced Concrete Structure Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MTCE06	Advanced Structural Analysis	20	80	32	100	40	4
MTCE07	Foundation Engineering	20	80	32	100	40	4
MTCE08	Finite Element Method in Engineering	20	80	32	100	40	4
MTCE09	Highway Engineering	20	80	32	100	40	4
Practical- I	Advanced Structural Analysis Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>





## MASTER OF TECHNOLOGY

### ELECTRICAL

#### Admission Qualification:

The Candidate seeking admission to the M.Tech in Electrical must have passed B.E/ B.Tech/AMIE in Electrical. Electrical stream includes Electrical, Electronics, Instrumentation.

#### Program Duration:

The program duration for M.Tech in Electrical Engineering will be Two years comprising of Four Semesters but the candidate will have to complete the program within Four years from the session of enrollment.

#### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

#### M.Tech – Electrical : Program Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MTEE01	Machine Drives	20	80	32	100	40	4
MTEE02	Power Electronic Converter	20	80	32	100	40	4
MTEE03	Control System	20	80	32	100	40	4
MTEE04	EHV Transmission	20	80	32	100	40	4
Practical - I	Machine Drives Practical	20	80	32	100	40	2
Total Credits							18

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MTEE06	Electrical Sub station Engineering and Practices	20	80	32	100	40	4
MTEE07	Power Electronics	20	80	32	100	40	4
MTEE08	Electrical Design, Estimating and Costing	20	80	32	100	40	4
MTEE09	Computer Aided Analysis of Electrical Power System	20	80	32	100	40	4
Practical - I	Power Electronics Practical	20	80	32	100	40	2
Total Credits							18



## Master of Technology Electrical : Program Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MTEE11	Machine Analysis	20	80	32	100	40	4
MTEE12	Optimal Control	20	80	32	100	40	4
MTEE13	Advanced Control Theory	20	80	32	100	40	4
MTEE14	Power System Protection	20	80	32	100	40	4
Practical - I	Optimal control Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

4 <sup>th</sup> Semester (Specialization)							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
<b>MTEE16A Control &amp; Instrumentation</b>							
MTEE16A <sub>1</sub>	Industrial Instrumentation & control	20	80	32	100	40	3
MTEE16A <sub>2</sub>	Digital control and state variable methods	20	80	32	100	40	3
MTEE16A <sub>3</sub>	Electronic Instruments and System	20	80	32	100	40	3
MTEE16A <sub>4</sub>	Project	—	—	—	100	40	9
<b>MTEE16B Power System Control</b>							
MTEE16B <sub>1</sub>	Electrical Power System Design	20	80	32	100	40	3
MTEE16B <sub>2</sub>	Power System Analysis & Dynamics	20	80	32	100	40	3
MTEE16B <sub>3</sub>	Power System Reliability	20	80	32	100	40	3
MTEE16B <sub>4</sub>	Project	—	—	—	100	40	9
<b>Total Credits per Specialization : 18</b>							
<b>GRAND TOTAL CREDITS : 72</b>							

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.15000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.900/-
c) For 3 Papers	Rs.1200/-
d) For 4 Papers & More Than 4 Papers	Rs.1800/-



**Master of Technology Electronics & Telecommunication :  
Programme Structure**

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MTETE11	Digital Signal Processing	20	80	32	100	40	4
MTETE12	Digital Image Processing	20	80	32	100	40	4
MTETE13	Optical Communication Systems	20	80	32	100	40	4
MTETE14	Telecommunication Switching and Network	20	80	32	100	40	4
Practical - I	Telecommunication, Switching & Network Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

4 <sup>th</sup> Semester (Specialization)							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
<b>MTETE16A Communication System</b>							
MTETE16A <sub>1</sub>	Communication System	20	80	32	100	40	3
MTETE16A <sub>2</sub>	Radar System	20	80	32	100	40	3
MTETE16A <sub>3</sub>	Wireless Communication	20	80	32	100	40	3
MTETE16A <sub>4</sub>	Project	—	—	—	100	40	9
<b>MTETE16B Control &amp; Instrumentation</b>							
MTETE16B <sub>1</sub>	Industrial Instrumentation & control	20	80	32	100	40	3
MTETE16B <sub>2</sub>	Digital Control and state variable methods	20	80	32	100	40	3
MTETE16B <sub>3</sub>	Electronic Instruments & Systems	20	80	32	100	40	3
MTETE16B <sub>4</sub>	Project	—	—	—	100	40	9
<b>MTETE16C VLSI Design and Embedded System</b>							
MTETE16C <sub>1</sub>	Embedded System Design	20	80	32	100	40	3
MTETE16C <sub>2</sub>	Digital VLSI Design	20	80	32	100	40	3
MTETE16C <sub>3</sub>	Verilog Hardware Description Language	20	80	32	100	40	3
MTETE16C <sub>4</sub>	Project	—	—	—	100	40	9
<b>MTETE16D Microwave &amp; Optical Communication</b>							
MTETE16D <sub>1</sub>	Microwave	20	80	32	100	40	3
MTETE16D <sub>2</sub>	Optical Electronics and Fiber Optics Communications	20	80	32	100	40	3
MTETE16D <sub>3</sub>	Communication System	20	80	32	100	40	3
MTETE16D <sub>4</sub>	Project	—	—	—	100	40	9

## MASTER OF TECHNOLOGY

### ELECTRONICS & TELECOMMUNICATION

#### Admission Qualification:

The candidate seeking admission to the M.Tech in Electronics & Telecommunication must have passed B.E./B.Tech/AMIE in Electronics / Electrical Electronics /Instrumentation or Equivalent With pass class from relevant stream. Stream includes Electronics, Electronics & Telecommunication, Instrumentation & Control, Industrial Electronics, Computer Engineering & Equivalent, MSC ( Electronics/IT ).

#### Program Duration:

The program duration for M.Tech in Electronics & Telecommunication Engineering will be Two years comprising of Four Semesters but the candidate will have to complete the program within Four years from the session of enrolment.

#### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### Master of Technology Electronics & Telecommunication: Programme Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MTETE01	Semiconductor Devices & Modelling	20	80	32	100	40	4
MTETE02	VLSI Technology and Process Modeling	20	80	32	100	40	4
MTETE03	Modern Digital Communication Technology	20	80	32	100	40	4
MTETE04	Digital Voice And Picture Communication	20	80	32	100	40	4
Practical - I	Semiconductor Devices and Modeling Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MTETE06	Solid State Circuits	20	80	32	100	40	4
MTETE07	Digital Circuits & Systems	20	80	32	100	40	4
MTETE08	Optimal Control	20	80	32	100	40	4
MTETE09	Satellite Communication System	20	80	32	100	40	4
Practical - I	Digital Circuits & Systems Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>





## MASTER OF TECHNOLOGY

### COMPUTER

#### Admission Qualification:

The candidate seeking admission to the M.Tech in Computer must have passed B.E/B.Tech/AMIE/MCA in Computer. Computer Stream includes Computer Engineering, Electronics, Electronics and Telecommunication, Electrical, Information Technology, Instrumentation Engineering, MSC IT / MSC ( CS ).

#### Program Duration:

The program duration for M.Tech in Computer Engineering will be Two years comprising of Four Semesters but the candidate will have to complete the program within four years from the session of enrollment.

#### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### Master of Technology: Computer: Programme Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MTCSE01	Data Structures & Object Representation	20	80	32	100	40	4
MTCSE02	Advanced Computer System Architecture	20	80	32	100	40	4
MTCSE03	Design and Analysis of Algorithm	20	80	32	100	40	4
MTCSE04	Pattern Recognition & Application	20	80	32	100	40	4
Practical - I	Data Structure and Object Representation Practical	20	80	32	100	40	2
Total Credits							18

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MTCSE06	Advanced Operating System	20	80	32	100	40	4
MTCSE07	Computer Communication Network	20	80	32	100	40	4
MTCSE08	Neural Network and application	20	80	32	100	40	4
MTCSE09	Parallel Processing	20	80	32	100	40	4
Practical - I	Computer Communications Network Practical	20	80	32	100	40	2
Total Credits							18

**Master of Technology Electronics & Telecommunication :  
Programme Structure**

<b>4<sup>th</sup> Semester (Specialization)</b>							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
<b>MTETE16E Multimedia</b>							
MTETE16E <sub>1</sub>	Interactive Multimedia	20	80	32	100	40	3
MTETE16E <sub>2</sub>	Web Programming	20	80	32	100	40	3
MTETE16E <sub>3</sub>	Programming Microsoft ASPNET	20	80	32	100	40	3
MTETE16E <sub>4</sub>	Project	—	—	—	100	40	9
<b>MTETE16F Power System Control</b>							
MTETE16F <sub>1</sub>	Electrical Power System Design	20	80	32	100	40	3
MTETE16F <sub>2</sub>	Power System Analysis & Dynamics	20	80	32	100	40	3
MTETE16F <sub>3</sub>	Power System Reliability	20	80	32	100	40	3
MTETE16F <sub>4</sub>	Project	—	—	—	100	40	9
<b>Total Credits per Specialization : 18</b>							
<b>GRAND TOTAL CREDITS : 72</b>							

<b>Semester Wise Fee Structure</b>	
Program / Tuition Fees	Rs.15000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
<b>Fees for Re-Sitting Examination</b>	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.900/-
c) For 3 Papers	Rs.1200/-
d) For 4 Papers & More Than 4 Papers	Rs.1800/-



## MASTER OF TECHNOLOGY

### MECHANICAL

#### Admission Qualification:

The candidate seeking admission to the M.Tech in Mechanical must have passed B.E/B.Tech/AMIE in Mechanical / Production/ Mechanical Sandwich / Industrial Engineering or Equivalent of any recognized board / Council.

#### Program Duration:

The program duration for M.Tech in Mechanical Engineering will be Two years comprising of Four Semesters but the candidate will have to complete the program within four years from the session of enrollment.

#### Scheme of Examination:-

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### Master of Technology: Mechanical: Programme Structure

1 <sup>st</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MTME01	Machine Vibration Analysis	20	80	32	100	40	4
MTME02	Advanced Mechanics of Solids	20	80	32	100	40	4
MTME03	Concurrent Engineering	20	80	32	100	40	4
MTME04	Management of Technology	20	80	32	100	40	4
Practical - I	Machine Vibration Analysis Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

2 <sup>nd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MTME06	Applied Elasticity & Plasticity	20	80	32	100	40	4
MTME07	Finite Elements Method in Engineering	20	80	32	100	40	4
MTME08	Mechanical Estimating & Costing	20	80	32	100	40	4
MTME09	Materials Management & Materials Handling	20	80	32	100	40	4
Practical - I	Mechanical Estimating & Costing Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>



## Master of Technology:Computer : Programme Structure

3 <sup>rd</sup> Semester							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MTCSE11	Automation Engineering	20	80	32	100	40	4
MTCSE12	Mobile Computing	20	80	32	100	40	4
MTCSE13	Fuzzy Set Theory & Application	20	80	32	100	40	4
MTCSE14	Design Principles of Language Translator	20	80	32	100	40	4
Practical - I	Mobile Computing Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

4 <sup>th</sup> Semester (Specialization)							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
<b>MTCSE16A Multimedia</b>							
MTCSE16A <sub>1</sub>	Interactive Multimedia	20	80	32	100	40	3
MTCSE16A <sub>2</sub>	Web Programming	20	80	32	100	40	3
MTCSE16A <sub>3</sub>	Programming Microsoft ASPNET	20	80	32	100	40	3
MTCSE16A <sub>4</sub>	Project	—	—	—	100	40	9
<b>MTCSE16B Object Oriented Software Development</b>							
MTCSE16B <sub>1</sub>	Java 2 Programming	20	80	32	100	40	3
MTCSE16B <sub>2</sub>	Oracle 9i database	20	80	32	100	40	3
MTCSE16B <sub>3</sub>	Database Design Development and Deployment	20	80	32	100	40	3
MTCSE16B <sub>4</sub>	Project	—	—	—	100	40	9
<b>MTCSE16C VLSI Design</b>							
MTCSE16C <sub>1</sub>	Embedded System Design	20	80	32	100	40	3
MTCSE16C <sub>2</sub>	Digital VLSI Design	20	80	32	100	40	3
MTCSE16C <sub>3</sub>	Verilog Hardware Description Language	20	80	32	100	40	3
MTCSE16C <sub>4</sub>	Project	—	—	—	100	40	9
<b>Total Credits per Specialization : 18</b>							
<b>GRAND TOTAL CREDITS : 72</b>							

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.15000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.900/-
c) For 3 Papers	Rs.1200/-
d) For 4 Papers For 4 Papers & More Than 4 Papers	Rs.1800/-





- **Bachelor of Arts ( B.A )<sup>\*</sup>**
- **Bachelor of Social Work ( BSW )**
- **Bachelor of Commerce ( B.COM )<sup>\*</sup>**
- **Master of Arts ( M.A )<sup>\*</sup>**
- **Master of Social Work ( MSW )**
- **Master of Commerce ( M.COM )<sup>\*</sup>**
- **MLI. Sc.<sup>\*</sup>**
- **M.Sc. Mathematics**
- **M.Sc. Computer Science**
- **M.Sc. Chemistry**
- **M.Sc. Physics**
- **Master of Law ( LLM )**
- **BLI.Sc.<sup>\*</sup>**

**\* University In-House Programme.**

( Study Centre in Karnataka State Can Not run / offer these Programmes )

## Master of Technology Mechanical : Program Structure

<b>3<sup>rd</sup> Semester</b>							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
MTME11	Jig and Fixtures Design	20	80	32	100	40	4
MTME12	Mechatronics	20	80	32	100	40	4
MTME13	Industrial Automation	20	80	32	100	40	4
MTME14	Quality Control & Reliability Engg.	20	80	32	100	40	4
Practical - I	Jig and Fixtures Design Practical	20	80	32	100	40	2
<b>Total Credits</b>							<b>18</b>

<b>4<sup>th</sup> Semester (Specialization)</b>							
Subject Code	Subject Title	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
			Exam	Min. for Pass			
<b>MTME16A Mechanical Design</b>							
MTME16A <sub>1</sub>	Thermal System Design	20	80	32	100	40	3
MTME16A <sub>2</sub>	Design of Machinery	20	80	32	100	40	3
MTME16A <sub>3</sub>	Mechanical Engineering Design	20	80	32	100	40	3
MTME16A <sub>4</sub>	Project	—	—	—	100	40	9
<b>MTME16B Production Technology</b>							
MTME16B <sub>1</sub>	Metal Forming Technology	20	80	32	100	40	3
MTME16B <sub>2</sub>	Machine Tool Design	20	80	32	100	40	3
MTME16B <sub>3</sub>	CAD/CAM	20	80	32	100	40	3
MTME16B <sub>4</sub>	Project	—	—	—	100	40	9
<b>MTME16C Thermal Engineering</b>							
MTME16C <sub>1</sub>	Advanced Thermodynamics	20	80	32	100	40	3
MTME16C <sub>2</sub>	Refrigeration and Air conditioning Technology	20	80	32	100	40	3
MTME16C <sub>3</sub>	Steam and Gas Turbines	20	80	32	100	40	3
MTME16C <sub>4</sub>	Project	—	—	—	100	40	9
<b>Total Credits per Specialization : 18</b>							
<b>GRAND TOTAL CREDITS : 72</b>							

<b>Semester Wise Fee Structure</b>	
Program / Tuition Fees	Rs.15000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
<b>Fees for Re-Sitting Examination</b>	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.900/-
c) For 3 Papers	Rs.1200/-
d) For 4 Papers & More Than 4 Papers	Rs.1800/-



## B.A / B.COM

### **Direct Admission to Final Year B.Com**

Candidates who have passed the Three Year Diploma in Business Administration conducted by the Department of Technical Education, Government of Karnataka are eligible for admission to Final Year B.Com. However, they have to pass Language papers and Indian Constitution, Human Rights and Environmental Studies - (ICHRES) and FCA of First and Second Year B.Com. Before completing Final Year B.Com. Such students will have to compulsorily study and pass all the papers of Final B.Com., Examination.

### **Second or Final Year B.A./B.Com Direct admission (For other University Students)**

(1) Candidates seeking enrolment for Second or Final Year B.A / B.Com Programme shall pay the Tuition 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.

(2) Candidates seeking admission directly to Second and Final B.A / B.Com will have to study ICHRES of 1st Year and Fundamentals of Computer Application of Second B.A / B.Com in addition to the subject in second and final year B.A respectively and pass the examination.

**Candidates admitted to First Year B.A / B.Com Programme are eligible for promotion to Second Year even if she/ he fails or not appeared for any or all the papers of First Year. She / he is eligible for promotion to Final Year if she/he fails or not appeared for any or all the papers of First Year and Second Year.**

### **Other Information**

(1) The maximum duration for the completion of B.A/B.Com Programme shall not exceed two times the duration (Six years) of the particular Programme, from the date of admission to the Programme (including the year of admission).

(2) Candidates who discontinue their studies for more than four academic years after joining a Programme shall have to seek fresh admission.

### **Duration of the Programme :**

The minimum duration of B.A./B.Com. Programme is Three Years and maximum duration is **Six Years from the Year of Admission**. The Candidates who do not complete the Programme within Six Years will have to seek fresh admission.

## BACHELOR OF ARTS / BACHELOR OF COMMERCE

### B.A / B.COM \*

#### Eligibility for Admission

Admission to B.A / B.Com Degree Programme is made under two Regulations:

#### Regulation-I B.A / B.Com

For candidates seeking admission under this regulation no educational qualification is prescribed. Those who have completed 18 Years of Age on 1st July 2014 (those born on or before 30.06.1994) are eligible to apply for B.A/B.Com Degree Programme (no relaxation even for one day). All eligible candidates will be admitted to First Year of the respective Programmes. The duration of Programme is THREE YEARS.

**This programme is open to candidates seeking admission in any state of India except Karnataka.**

**Note:** Candidates seeking admission under Regulation I shall also study B.P.P. (Bachelor's Preparatory Programme) before appearing for the First year B.A/B.Com Examinations conducted by the University. They shall also pay an additional fee (for B.P.P Course Material) of Rs.500.00 along with First year B.A/B.Com Tuition Fee.

#### PROOF OF AGE

- Original SSLC/SSC marks card or Transfer Certificate showing Date of Birth
- An extract from the Admission Register maintained in a school and certified by the Head of the Institution concerned
- Birth certificate issued by Municipality or Local Bodies or any Government or Semi Government Institutions
- Extract from the passport (attested copies)
- Horoscope and Affidavit are not acceptable.**

#### Regulation - II B.A

Admission to the First Year of Three Year B.A. Degree Programme is open to candidates who have passed:

- 10+2 or its equivalent
- or**
- The Two Year Pre-University examination conducted by the pre University Education Board in Karnataka State
- or**
- Any other examination considered as equivalent there to:**
- or**
- Candidates from other states who have successfully completed 12 years of schooling (either 10+2 or 11+1 or Higher Secondary Examination - 12 Years of schooling excluding Nursery education)
- or**
- Pre University Examination in Vocational Courses conducted by the Department of Vocational Education, Government of Karnataka.

#### Regulation - II B.Com

(a) Admission to the First Year of the Three-Year B.Com Degree Programme is open to candidates who have passed the Two Year Pre-University Examination conducted by the Board of Pre-University Education in Karnataka State;

**or**

**Any other Examination considered as equivalent there to**

- Candidates from other states who have successfully completed 12 years of schooling (either 10+2 or 11+1 or Higher Secondary Examination - 12 Years of schooling excluding Nursery education)

**or**

- Pre-University Education in Vocational Courses with relevant subject conducted by the Department of Vocational Education, Government of Karnataka.

#### Direct Admission to Second Year B.Com

Candidates who have passed the Three year Diploma in Commercial or Secretarial Practice conducted by the Department of Technical Education, Government of Karnataka are eligible for admission to Second Year B.Com. directly. However, they have to pass language papers and Indian Constitution, Human Rights and Environmental Studies - (ICHRES) of First year B.Com.

#### \* **University In-House Programme.**

( Study Centre in Karnataka State Can Not run / offer this Programmes )



# B.A

## COURSE OF STUDY OFFERED - B.A. COURSE CODE FOR OPTIONALS (FIRST , SECOND & FINAL YEAR)

### ENGLISH- OPTIONAL

S. N.	Year	Course	Course Code	Paper
01	1st Year	I	A-112	Poetry Drama, Fiction and Hudson
02	2nd Year	II	A-212	Poetry Drama, Fiction and Prose, Fiction
03	Final Year	III	A-312	Poetry Drama, Fiction, Fiction and Prose
04	Final Year	IV	A-412	Poetry Drama, Prose and Fiction
05	Final Year	V	A-512	Growth of the English Language and characteristic of modern English - Hudson & Practical Criticism

### HINDI-OPTIONAL

SI No	Year	Course	Course Code	Paper
01	1st Year	I	A-113	Poetry, Prose, Novel, Essay
02	2nd Year	II	A-213	Poetry, Prose, Drama, Modern Poetry, Ekanki
03	Final Year	III	A-314	History of Hindi Literature & History of Hindi Language
04	Final Year	IV	A-414	Ras, Chandas, Alankar and Grammar
05	Final Year	V	A-514	Ramacharitha Manas Ke 'Lanka kand' Aur Madhya Kaleen Hindi Kavya

### HISTORY - OPTIONAL

SI No	Year	Course	Course Code	Paper
01	1st Year	I	A-115	Indian History and Culture from the Earliest Times to 1526 AD
02	2nd Year	II	A-215	Indian History and Culture from 1526 to 1964 AD
03	Final Year	III	A- 315	History and Culture of Karnataka (1336 to 1956)
04	Final Year	IV	A-415	History of Modern Asia from 1900 to Present (East Asia and West Asia)
05	Final Year	V	A-515	History of Modern Europe from 1789 to the Present

# B.A

## Credit System - B.A.

<b>B.A FIRST YEAR</b>	
<b>Group I</b>	
1.ENG-L 112 - Poetry, Prose, Fiction, Language Component	4 Credits
2.HIN-L 113 - Poetry, Prose, Fiction, Language Component	4 Credits
<b>Group II</b>	
3.ICHRES122 – Indian Constitution, Human Rights and Environmental Studies	8 Credits
<b>Group III</b>	
4.Optional 1 – Course I	4 Credits
5. Optional 2 – Course I	4 Credits
6.Optional 3 – Course I	4 Credits
	<b>28 Credits</b>
<b>B.A SECOND YEAR</b>	
<b>Group I</b>	
1. ENG L -212 Poetry, Prose, Drama, Language Component	4 Credits
2 HIN L - 213 Poetry, Drama, Novel, Language Component	4 Credits
<b>Group – II</b>	
3. FCA B-55 Fundamentals of Computer Application (FCA)	6 Credits
<b>Group III</b>	
4.Optional 1 – Course II	4 Credits
5.Optional 2 – Course II	4 Credits
6.Optional 3 – Course II	4 Credits
	<b>26 Credits</b>
<b>B.A THIRD YEAR</b>	
<b>Group III</b>	
1.Optional 1 - Course III	4 Credits
2.Optional 1 - Course IV	4 Credits
3.Optional 1 - Course V	4 Credits
4.Optional 2 - Course III	4 Credits
5.Optional 2 - Course IV	4 Credits
6.Optional 2 - Course V	4 Credits
7.Optional 3 - Course III	4 Credits
8.Optional 3 - Course IV	4 Credits
9.Optional 3 - Course V	4 Credits
	<b>36 Credits</b>



## B.A

### COURSE OF STUDY OFFERED - B.A. COURSE CODE FOR OPTIONALS (FIRST , SECOND & FINAL YEAR)

#### ECONOMICS - OPTIONAL

SI No	Year	Course	Course Code	Paper
01	1st Year	I	A-119	Economic Theory
02	2nd Year	II	A-219	Money, Banking and Public
03	Final Year	III	A-319	International Economics
04	Final Year	IV	A-419	Indian Economy
05	Final Year	V	A-519	Economics of Development

#### POLITICAL SCIENCE - OPTIONAL

SI No	Year	Course	Course Code	Paper
01	1st Year	I	A-117	Political Theory
02	2nd Year	II	A-217	Modern Governments
03	Final Year	III	A-317	Indian Constitution and Government
04	Final Year	IV	A-417	Public Administration
05	Final Year	V	A-517	International Relations

#### SOCIOLOGY - OPTIONAL

SI No	Year	Course	Course Code	Paper
01	1stYear	I	A-116	General Sociology
02	2ndYear	II	A-216	Study of Indian Society
03	Final Year	III	A-316	Study of Rural and Urban Communities
04	Final Year	IV	A-416	Social Disorganization
05	Final Year	V	A-516	Sociological Thought

# B.COM

## Credit System - B.Com

B.COM FIRST YEAR		
<b>Group I</b>		
1. ENG L - 112	Poetry, Prose, Fiction, Language Component	4 Credits
2. HIN L - 113	Poetry, Prose, Fiction, Language Component	4 Credits
<b>Group II</b>		
3.IC122	Indian Constitution, Human Rights and Environmental Studies	8 Credits
<b>Group III</b>		
4. C-111	Financial Accounting I	4 Credits
5. C-112	Business Organization and Office Measurement	4 Credits
6. C-113	Company Law and Secretarial Practice	4 Credits
		<b>28 Credits</b>
B.COM SECOND YEAR		
<b>Group I</b>		
1. ENG L-212	Prose, Drama, English for Commercial Purposes	4 Credits
2. HIN L-213	Prose, Fiction, Precise, Letter Writing, Language Component	4 Credits
<b>Group II</b>		
3. B-55	Fundamentals of Computer Application (FCA)	6 Credits
<b>Group III</b>		
4. C-211	Financial Accounting II	4 Credits
5. C-212	Human Resource Managemen	4 Credits
6.C-213	Banking - Theory and Practice	4 Credits
		<b>26 Credits</b>
B.COM FINAL YEAR		
<b>Group III</b>		
1.C-311	Financial Accounting III	4 Credits
2 C-312	Income Tax Law and Practice	4 Credits
3.C-313	Cost Accounting	4 Credits
4.C-314	Law and Practice of Auditing	4 Credits
5.C-315	Management Accounting	4 Credits
6.C-316	Business Statics	4 Credits
7.C-317	Business Law	4 Credits
8.C-318	Marketing Management	4 Credits
9.C-319	Introduction to Computer	4 Credits
		<b>36 Credits</b>



# B.COM

## B.COM SUBJECTS COMMERCE COURSES

1st YEAR			
S No	Course	Code	
01	I	C-111	Financial Accounting I
02	II	C-112	Business Organization and Office Measurement
03	III	C-113	Company Law and Secretarial Practice
2nd YEAR			
S No	Course	Code	
01	IV	C-211	Financial Accounting II
02	II	C-212	Human Resource Management
03	III	C-213	Banking - Theory and Practice
FINAL YEAR			
S No	Course	Code	
01	VII	C-311	Financial Accounting III
02	VIII	C-312	Income Tax Law and Practice
03	IX	C-313	Cost Accounting
04	X	C-314	Law and Practice of Auditing
05	XI	C-315	Management Accounting
06	XII	C-316	Business Statics
07	XIII	C-317	Business Law
08	XIV	C-318	Marketing Management
09	XV	C-319	Introduction to Computer

### a) Bachelors Preparatory Programme (BPP)

#### Additional details:

1. Any candidate who has not passed Pre-university examination or 10+2 level examination will have to complete BPP.
2. BPP examination will be held on the last day of BA/ B.Com Apr 2012 Examination at different Examination Centres. There is no supplementary BPP Examination.
3. The BPP examination will be conducted for 120 marks (100 marks for cognate subject and 20 marks for languages).
4. Study materials in English and Kannada medium will be handed over to students at the time of admission at the KSOU headquarters. For others it will be sent by post. Students opting for B.Com degree programme will get materials in English medium only.
5. For repeaters : Students have to pay Rs.100/- as Exam Fee in addition to regular exam fee.

#### Classification of Successful Candidates:

University will declare results both in Grade and Class.

#### (a) Grading System for B.A./B.Com. Programmes

Letter Grade	Qualitative Level	Point %	Grade %
A	Excellent	5	80 % & above
B	Very Good	4	60-79.9%
C	Good	3	50-59.9%
D	Satisfactory	2	35-49.9%
E	Unsatisfactory	1	Below 35 %

## B.A / B.COM Degree Programme

### (b) Class for B.A./B.Com. Programmes

First Class	60% and above
Second Class	50% but below 60%
Third Class	35% but below 50%

- \* Class will not be declared for Group I & II
- \* Class will be declared only for Group III

### Scheme of Examination

- a. Internal assessment (IA) through assignments with a weightage of 20%
- b. Term-end examination having a weightage of 80%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 35% in each component.

Course	Credits	Internal Assessment Maximum	Term End Examination Minimum	Total Maximum	Total Minimum (35%)
<b>First Year</b>					
L1-I	4	20	80	100	35
L2-I	4	20	80	100	35
IC & HR & ES*	8	20	80	100	35
A-1 I/C-I	4	20	80	100	35
A-2 I/C-II	4	20	80	100	35
A-3 I/C-III	4	20	80	100	35
	<b>28</b>			<b>600</b>	
<b>Second Year</b>					
L 1-II	4	20	80	100	35
L 2-II	4	20	80	100	35
FCA*	6	20	80	100	35
A-1 II/C-IV	4	20	80	100	35
A-2 II/C-V	4	20	80	100	35
A-3 II/C-VI	4	20	80	100	35
	<b>26</b>			<b>600</b>	



## B.A / B.COM Degree Programme

Course	Credits	Internal Assessment Maximum	Term End Examination Minimum	Total Maximum	Total Minimum (35%)
<b>Final Year</b>					
A-1 III/C-VII	4	20	80	100	35
A-1 IV/C – VIII	4	20	80	100	35
A-1 V/C-IX	4	20	80	100	35
A-2 III/C-X	4	20	80	100	35
A-2IV /C-XI	4	20	80	100	35
A-2 V/C-Xii	4	20	80	100	35
A-3 III/C-XIII	4	20	80	100	35
A-3 IV/C-XIV	4	20	80	100	35
A-3 IV/C-XV	4	20	80	100	35
	<b>36</b>			<b>900</b>	

1 Year + II Year + III Year (90 Credits) 600+600+900 = 2100

Note : \* Compulsory Courses.

<b>Year Wise Fee Structure</b>	
Program / Tuition Fees	Rs.4000/-
Examination Fees	Rs.1300/-
Registration Fees (At the time of admission only)	Rs.500/-
<b>Fees for Re-Sitting Examination</b>	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) More Than 3 Papers	Rs.1300/-

## BACHELOR OF SOCIAL WORK (BSW)

**Duration of The Programme :-** 3 Years

**Eligibility for Admission :-** Admission is open to those candidates who have successfully completed their 10+2 or equivalent from a recognized University

### BSW: Program Structure

FIRST YEAR					
Code	Subject	Credits	Internal Assessment	Examination	Total
BSW101	Contemporary Ideologies for Social Work	5	20	80	100
BSW102	Work With Communities	5	20	80	100
BSW103	Management of Development Welfare Services	5	20	80	100
BSW104	Human Growth and Behaviour	5	20	80	100
BSW105	Political Economics & Planning in India	5	20	80	100
BSW106	English -1	2	20	80	100
BSW107	Constitution of Indian Politics and Ethics	2	20	80	100

SECOND YEAR					
Code	Subject	Credits	Internal Assessment	Examination	Total
BSW201	Social Work Methods - I	5	20	80	100
BSW202	Contemporary Social Sciences & Development	5	20	80	100
BSW203	Social Research & Elementary Statistics	5	20	80	100
BSW204	Human Development & Social Psychology	5	20	80	100
BSW205	Social Work Methods - II	5	20	80	100
BSW206	English - II	2	20	80	100
BSW207	Environmental Studies	2	20	80	100

THIRD YEAR					
Code	Subject	Credits	Internal Assessment	Examination	Total
BSW301	Social Welfare Administration & Social Policy	5	20	80	100
BSW302	Current Trends in Social Work	5	20	80	100
BSW303	Interdisciplinary Approach Towards Social Work Practice	5	20	80	100
BSW304	Communication Skills for Social Workers	5	20	80	100
BSW305	Fieldwork Practice & Research Project	5	20	80	100

#### Year Wise Fee Structure

Program / Tuition Fees	Rs.4000/-
Examination Fees	Rs.1300/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) More Than 3 Papers	Rs.1300/-



## MASTER OF ARTS / MASTER OF COMMERCE

### M.A / M.COM\*

#### Eligibility for Admission

Admission to M.A/ M.Com Degree Programmes is made under two Regulations:

#### Regulation- I

Candidates who have not studied the cognate subject in the (three years) bachelors' degree programmes are eligible to seek admission to any Post Graduate degree programme under Regulation- I, provided such candidates shall qualify in the **Master Preparatory Programme (M.P.P)** Examination in the concerned subject conducted by the University. They shall also pay an additional fee (for M.P.P Course Material) of Rs.1000 along with First year M.A/M.Com Tuition Fee.

★ **Regulation- I (MPP) Not Covers** M.A. (Education) , M.A. ( Psychology ) & M.A. ( Journalism & Mass Communication )

#### Regulation- II

A pass in the qualifying examination i.e., (B.A/ B.Com/B.B.M) for admission to M.A/ M.Com is one of the conditions of eligibility in the case of candidates applying under Regulation II. Subjectwise details are given below :

#### M.A English

Admission is open to:

- Candidates who have passed three Year B.A/B.Sc/B.A (Performing Arts) Degree Examination of any recognized University offering English as a Major/Optional subject at the Degree level OR an examination of any University considered equivalent thereto.
- Candidates who have passed the Three Years B.A/B.Sc/B.Music Degree Examination offering English as Second Language or as a Minor subject at the Degree level are also eligible, provided they have obtained not less than 50 percent of the maximum marks in the above language/subject.
- Candidates who have passed the Four Year B.A.Ed Degree Examination of the University of Mysore (Regional College Scheme) with English as Major/Optional.
- Candidates who have passed Four Year B.A.Ed or B.Sc.Ed of University of Mysore (Regional College scheme), provided they have obtained not less than 50 percent of marks in Language English.
- Graduates of any University who have passed Post-Graduate Diploma in English.

#### M.A Hindi

Admission is open to:

- Candidates who have passed Three Year B.A/B.Sc/B.A (Performing Arts) Degree Examination of any recognized University offering Hindi as a Language Under Group-I or Group-II. Provided they have obtained not less than 50% of marks in language Hindi & 40% in Optionals.
- OR**
- Candidates who have passed a degree of any University recognized as equivalent thereto with Hindi as Optional or as Major subject.
- OR**
- Graduates of any recognized University and if the candidate is not studied either Hindi as Language or as Optional then the following examinations will be treated as equivalent to Language and Optional Hindi (But the Candidate must be a Graduate of a recognized University) one of the following Hindi Examinations:-
    - Rashtrabhasha Praveen or Rashtrabhasha Vishard Examination of the Dakshina Bharat Hindi Prachara Sabha, Chennai.
    - Rashtrabhasha Vidwan or Rajabhasha Prakash Examination of Karnataka Hindi Prachara Samithi, Bangalore.
    - Hindi Ratna Examination of the Mysore Hindi Prachara Parishad, Bangalore.
    - Bhasha Praveen Examination of the Karnataka Mahila Hindi seva samithi, Bangalore.
    - Sahitya Vishard i.e., Sahitya Madhyama or Uttama i.e., Sahitya Ratna (with Hindi Sahitya) of the Hindi Sahitya Sammelan, Prayag.

\* **University In-House Programme.**

( Study Centre in Karnataka State Can Not run / offer this Programmes )

## M.A / M.COM

### M.A. HISTORY

Admission is open to candidates who have passed Three Year B.A/B.A (Performing Arts) Degree Examination of any recognized University offering History as one of the Major/Optional subjects at the Degree level or examination of any university considered equivalent thereto.

### M.A. ECONOMICS

Admission is open to candidates who have passed Three Year B.A/B.A (Performing Arts) Degree Examination of any recognized University offering Economics as one of the Major/Optional subjects at the Degree level or an examination of any university considered equivalent thereto.

### M.A. POLITICAL SCIENCE

Admission is open to candidates who have passed Three Year B.A/B.A (Performing Arts) Degree Examination of any recognized University offering Political Science and Public Administration as one of the Major/Optional subjects at the Degree level or an examination of any university considered equivalent thereto.

### M.A. SOCIOLOGY

Admission is open to candidates who have passed Three Year B.A/B.A (Performing Arts) Degree Examination of any recognized University offering Sociology as one of the Major/Optional subjects at the Degree level or an examination of any university considered equivalent thereto.

### M.A. (EDUCATION)

Admission is open to candidates who have passed B.Ed / B.Sc.Ed / B.A.Ed / M.Sc.Ed Degree examination from any recognized University/Deemed University or any other degree equivalent thereto.

1. He/She should be in-service candidate working in recognised educational institution anywhere in India/Karnataka as full time teacher/ Education Officer.
2. He/she should continue to work in that Institution at the time of admission, if selected.
3. He/she must produce a Service Certificate to that effect from the Head of the Institution where he/she is working at the time of admission.

### The following candidates are not eligible to apply:

1. Part-time Teachers.
2. Honorary Teachers.
3. Those who are not doing any teaching work in School/Colleges. (This does not apply to the Education Officers working in BRCs)
4. Candidates who have passed Hindi B.Ed examinations from Institutions, which are not recognised by U.G.C
5. Those who have obtained Hindi Shiksha Snathak Certificates (not B.Ed.Certificate) from Dakshina Bharath Hindi Prachar Sabha, Chennai.
6. Those that are not in service as teachers at the time of applying.

### Duration of The Programme:

Duration of the M. A.Education Degree Programme is two years. Every candidate has to attend two contact programmes of first and second year in two consecutive years. Those who could not complete the theory examinations within the stipulated time have to complete the same within four years of admission.



## M.A / M.COM

### M.A. (JOURNALISM AND MASS COMMUNICATION)

Admission is open to candidates who have passed one year P.G.Diploma in Mass Communication and Journalism Programme of KSOU or any other recognised University / Institution. Minimum duration is 'Two' years and the maximum duration is 'Four' years from the year of Admission to the Programme.

### M.A. PSYCHOLOGY

Admission is open to B.A. / B.Sc, graduates who have studied Psychology as one of the optional subjects are eligible for admission for M.A. Psychology programme of K.S.O.U. Minimum duration is 'Two' years and the maximum duration is 'Four' years from the year of Admission to the Programme.

### M.A. (PUBLIC ADMINISTRATION)

Admission is open to candidates who have passed Three Year B.A/B. Sc /B.A(Performing Arts) Degree Examination of any recognized University offering Political Science and Public Administration as one of the Major/Optional subjects at the Degree level or an Minimum duration is 'Two' years and the maximum duration is 'Four' years from the year of Admission to the Programme.

### M.COM

Admission is open to candidates who have passed Three Year B.Com /B.B.M Degree Examination of any recognized University or an examination of any university considered equivalent thereto.

### NOTE :

Candidates seeking admission to Second Year M.A. /M.Com. directly by transfer from any other University will have to buy the prospectus and submit fresh application and the admission is subject to approval by the Equivalence Committee of KSOU.



## M.A

The minimum duration of the M.A programme is 'Two' years and the maximum duration is 'Four' years from the years of the year of Admission to the Programme. **The candidates who do not complete the Programme within four will have to seek fresh admission.**

M.A. ENGLISH							
PREVIOUS							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MEN 11	English Literature from Chaucer to Bunyan	I	20	80	100	35	7
MEN 12	Shakespeare.	II	20	80	100	35	7
MEN 13	Restoration and eighteenth Century English Literature.	III	20	80	100	35	7
MEN 14	Nineteenth Century Literature.	IV	20	80	100	35	7
MEN 15	Indian Literature in English.	V	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>
FINAL							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MEN 21	Twentieth Century English Literature.	VI	20	80	100	35	7
MEN 22	Comparative Literature (Drama)	VII	20	80	100	35	7
MEN 23	Literary Criticism	VIII	20	80	100	35	7
MEN 24	American Literature	IX	20	80	100	35	7
MEN 25	European Classics in Translation.	X	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>
M.A.HINDI							
PREVIOUS							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MHN 11	Karnataka Sanskruti aur Kannada Sahitya ( through Hindi medium only)	I	20	80	100	35	7
MHN 12	Aadhunik Hindi Kavya	II	20	80	100	35	7
MHN 13	Hindi Prose and Drama Fiction	III	20	80	100	35	7
MHN 14	Hindi Sahitya ka Itihas	IV	20	80	100	35	7
MHN 15	Anuvad aur Prayojana Mulak Hindi.	V	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>
FINAL							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MHN 21	Pracheen Hindi Kavya.	VI	20	80	100	35	7
MHN 22	Madhyakaleena Hindi Kavya.	VII	20	80	100	35	7
MHN 23	History of Hindi Language and History of Hindi Linguistics	VIII	20	80	100	35	7
MHN 24	Eastern and Western Criticism	IX	20	80	100	35	7
MHN 25	Special Subject Premchand	X	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>



## M.A

M.A.HISTORY							
PREVIOUS							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MHI 11	History of South India upto 1336 A.D.	I	20	80	100	35	7
MHI 12	Social and Cultural History of North India upto 1300 A.D.	II	20	80	100	35	7
MHI 13	Constitutional History of India (1600 to 1950)	III	20	80	100	35	7
MHI 14	History of Europe since 1871-1960	IV	20	80	100	35	7
MHI 15	History of China and Japan since 1839-1900.	V	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>
FINAL							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MHI 21	Historical Method and Historiography	VI	20	80	100	35	7
MHI 22	History of India (1526 to 1707)	VII	20	80	100	35	7
MHI 23	History of the Wodeyars of Mysore (1500 to 1956)	VIII	20	80	100	35	7
MHI 24	History of Freedom Movement in India (1885-1947)	IX	20	80	100	35	7
MHI 25	History of United States of America (1765-1990)	X	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>

M.A.ECONOMICS							
PREVIOUS							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MEC 11	Micro Economic Analysis	I	20	80	100	35	7
MEC 12	Economics of Development and Growth	II	20	80	100	35	7
MEC 13	Quantitative Methods	III	20	80	100	35	7
MEC 14	Public Economics	IV	20	80	100	35	7
MEC 15	Money Banking and Financial Markets	V	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>
FINAL							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MEC 21	Macro Economics Analysis	VI	20	80	100	35	7
MEC 22	Indian Economics Policy	VII	20	80	100	35	7
MEC 23	International Trade and Finance	VIII	20	80	100	35	7
MEC 24	Economics of Demography	IX	20	80	100	35	7
MEC 25	Welfare Economics	X	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>

## M.A

M.A.POLITICAL SCIENCE							
PREVIOUS							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MPS 11	Western Political Thought	I	20	80	100	35	7
MPS 12	Indian Political Thought	II	20	80	100	35	7
MPS 13	Political Process and Politics in Indian	III	20	80	100	35	7
MPS 14	Major issues in Indian Administration	IV	20	80	100	35	7
MPS 15	International Relations	V	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>
FINAL							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MPS 21	Comparative Government and Politics	VI	20	80	100	35	7
MPS 22	Contemporary Political Science	VII	20	80	100	35	7
MPS 23	Recent Political theory	VIII	20	80	100	35	7
MPS 24	Public Personnel Administration	IX	20	80	100	35	7
MPS 25	Indian and Her Neighbours	X	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>

M.A. SOCIOLOGY							
PREVIOUS							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MSO 11	Theories and Thinkers in Sociology	I	20	80	100	35	7
MSO 12	Social Statics and Social Dynamics	II	20	80	100	35	7
MSO 13	Research Methods and Statistics	III	20	80	100	35	7
MSO 14	Social Problems-Then and Now	IV	20	80	100	35	7
MSO 15	Study of Majority and Minority Groups	V	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>
FINAL							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MSO 21	Study of Rural Society	VI	20	80	100	35	7
MSO 22	Industrial Sociology	VII	20	80	100	35	7
MSO 23	Education, Health and Society	VIII	20	80	100	35	7
MSO 24	Social Movement in India	IX	20	80	100	35	7
MSO 25	Polity, Economy and Society	X	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>



## M.A

M.A. ( Education )							
PREVIOUS							
Subject Code	Subject Title	Course	IA Marks	Term End Examn	Max. Marks	Min. Marks	Credits
MAED101	Philosophical and Sociological Foundation of Education	I	20	80	100	35	7
MAED102	Psychological Foundation of Education	II	20	80	100	35	7
MAED103	Teacher Education	III	20	80	100	35	7
MAED104	Environment Education	IV	20	80	100	35	7
MAED105	Sociological Foundation of Education	V	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>
FINAL							
Code	Subject	Course	IA Marks	Term End Examn	Max. Marks	Min. Marks	Credits
MAED201	Comparative Education	I	20	80	100	35	5
MAED202	Methodology Of Educational Research & Statistics	II	20	80	100	35	5
MAED203	Educational Technology	III	20	80	100	35	5
MAED204	Educational Management	IV	20	80	100	35	5
MAED205	Dissertation	V	20	80	100	35	5
<b>Total Credits</b>							<b>25</b>

### SCHEME OF EXAMINATION M.A (EDUCATION) DEGREE PROGRAME

- a. Internal assessment (IA) through assignments with a weightage of 20%
- b. Term-end examination having a weightage of 80%
- c. Each paper will be of 100 marks
- d. Minimum for passing in each course is 35% in each component.

FINAL						
Paper Code	Course	Duration	Internal Assessment	Term End Examn	Min.for Pass	Credits
MAED5/6/7	Elective - Group I	3 hrs	20	80	35	7
MAED8/9/10	Elective - Group II	3 hrs	20	80	35	7
MAED11/12/13	Elective - Group III	3 hrs	20	80	35	7
	Dissertation Work	-	20-	80	35	7
	<b>Total</b>	-	<b>80</b>	<b>320 -</b>	-	<b>28</b>

# M.A

M.A. JOURNALISM & MASS COMMUNICATION							
PREVIOUS							
Subject Code	Subject Title	Course	IA Marks		Max. Marks	Min. Marks	Credits
MJMC 11	Print Media	I	20	80	100	35	7
MJMC 12	Media in India	II	20	80	100	35	7
MJMC 13	Communication Theory and Research	III	20	80	100	35	7
MJMC 14	Media Policy and Technology	IV	20	80	100	35	7
MJMC 15	Applied Communication	V	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>
FINAL							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MJMC 21	Specialized Communication	VI	20	80	100	35	7
MJMC 22	Media Appreciation and Research	VII	20	80	100	35	7
MJMC 23	Communication Dimensions	VIII	20	80	100	35	7
MJMC 24	Current Affairs and Social Issues	IX	20	80	100	35	7
MJMC 25	Communication Skills	X	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>

M.A. PSYCHOLOGY							
PREVIOUS							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MPSY 11	Systems and Contemporary Trends in Psychology	I	20	80	100	35	7
MPSY 12	Biological and Social Foundations of Behaviour	II	20	80	100	35	7
MPSY 13	Cognitive Processes	III	20	80	100	35	7
MPSY 14	Motivation and Emotions	IV	20	80	100	35	7
MPSY 15	Personality and Adjustment	V	20	80	100	35	7
MPSY 16-P	Testing & Assessment Practical	10A	20	80	100	35	7
<b>Total Credits</b>							<b>42</b>
FINAL							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MPSY 21	Principals of Psychological Testing	VI	20	80	100	35	7
MPSY 22	Research Methods	VII	20	80	100	35	7
MPSY 23	Principles of Counseling	VIII	20	80	100	35	7
MPSY 24	Psychopathology	IX	20	80	100	35	7
MPSY 25 P	Case Analysis Practical	X	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>



## M.A

M.A. PUBLIC ADMINISTRATION							
PREVIOUS							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MPA 11	Modern Governments	I	20	80	100	35	7
MPA 12	Public Administration (Nature & Concepts)	II	20	80	100	35	7
MPA 13	Administrative Theory	III	20	80	100	35	7
MPA 14	Organization and Management	IV	20	80	100	35	7
MPA 15	Indian Political System	V	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>
FINAL							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MPA 21	Public Personal Administration	VI	20	80	100	35	7
MPA 22	Financial Administration	VII	20	80	100	35	7
MPA 23	Indian Administrative System	VIII	20	80	100	35	7
MPA 24	Development Administration (With special Reference of India)	IX	20	80	100	35	7
MPA 25	International Organization & Administration	X	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>

### Year Wise Fee Structure

Program / Tuition Fees	Rs.5000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.900/-
c) For 3 Papers	Rs.1200/-
d) More Than 3 Papers	Rs.1800/-



## M.Com

The minimum duration of the M.Com programme is 'Two' years and the maximum duration is 'Four' years from the years of the year of Admission to the Programme. **The candidates who do not complete the Programme within four will have to seek fresh admission.**

M.COM. PREVIOUS							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MCO 11	Principles of Management	I	20	80	100	35	7
MCO 12	Business Policy and Environment	II	20	80	100	35	7
MCO 13	Marketing Management	III	20	80	100	35	7
MCO 14	Accounting-Theory and Practice	IV	20	80	100	35	7
MCO 15	Human Resources Management	V	20	80	100	35	7
<b>Total Credits</b>							<b>35</b>
FINAL							
Subject Code	Subject Title	Course	IA Marks	Term End Exam	Max. Marks	Min. Marks	Credits
MCO 21	Financial Management	VI	20	80	100	35	7
MCO 22	Industrial Relations	VII	20	90	100	35	7
MCO 23	Labour Legislation	VIII	20	90	100	35	7
MCO 24	Training and Development	IX	20	90	100	35	7
MCO 25	Organisational Behaviour	X	20	90	100	35	7
<b>Total Credits</b>							<b>35</b>

### Master's Preparatory Programme (MPP)

Master's Preparatory Programme (MPP) is compulsory for students admitted under **Regulation-I**. The students will be supplied with master lessons in 10 blocks giving a bird's eye view of the cognate subject in which they are admitted to Master's Degree Programme. Further details are as follows.

- a) Graduates who have not studied cognate subject and taken admission for M.A / M.Com Programmes are required to undergo MPP Examination.
- b) The Candidates will be supplied 10 blocks of lessons at the time of admission. These lessons contain information about the cognate subject which they have chosen for M.A / M.Com Degree.
- c) **MPP Examination will be objective type (multiple choice questions). The Exam will be held at the end of the M.A/M.Com examinations, 2013.** Total marks will be 100 for the subjects of M.A/M.Com degree programme.
- d) MPP Study enhances the knowledge of the students besides increasing job opportunities. This Course is introduced to bring in All India Standard for M.A/M.Com degree offered under Open University Scheme.
- e) Candidates applying for MA-MCJ under Regulation – I need not appear for MPP if they have passed Diploma in Journalism course for KSOU or any recognised University or Institute.

### Year Wise Fee Structure

Program / Tuition Fees	Rs.5000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.700/-
b) For 2 Papers	Rs.1100/-
c) For 3 Papers	Rs.1300/-
d) More Than 3 Papers	Rs.1800/-



## MASTER OF SOCIAL WORK (MSW)

**Duration of The Programme :-** 2 Years

**Eligibility for Admission :-** Admission is open to those candidates who have successfully completed their Graduation in any discipline from a recognized University.

### MSW: Program Structure

FIRST YEAR					
Code	Subject	Credits	Internal Assessment	Examination	Total
MSW101	Indian Society	5	20	80	100
MSW102	Social Work & Human Psychology	5	20	80	100
MSW103	Theory and Practice Of Social Work	5	20	80	100
MSW104	Sociological Concept	5	20	80	100
MSW105	Indian Social Institutions	5	20	80	100

SECOND YEAR					
Code	Subject	Credits	Internal Assessment	Examination	Total
MSW201	Social Disorganization & Legislation	5	20	80	100
MSW202	Social Research Methods	5	20	80	100
MSW203	Social Policy & Administration	5	20	80	100
MSW204	Personnel Management	5	20	80	100
MSW205	Criminalology and Penology	5	20	80	100

#### Year Wise Fee Structure

Program / Tuition Fees	Rs.5000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.700/-
b) For 2 Papers	Rs.1100/-
c) For 3 Papers	Rs.1300/-
d) More Than 3 Papers	Rs.1800/-



## MLI.Sc Programme Structure\*

### 1. Eligibility for Admission

A Candidate with BLI.Sc degree of this University or any other University, considered as equivalent, shall be eligible for MLI.Sc.

### 2. Duration of the Programme

The duration of the MLI.Sc Programme is 'One' academic year from the year of Admission to the Programme.

### Medium of Instruction

Medium of Instructions for MLI.Sc programme is English. University will supply study material for the students which is in SLM pattern, in addition to face to face counseling. The guidelines will be in English medium. Each course is divided into 3 to 5 Blocks. Further, each block is divided into 3 to 5 Units. The students will receive 37 books in all for the entire programme. Students are given the option to write answer in kannada or in English.

### 3. Title of the Programme

The Programme is a Post-graduate course in Library & Information Science leading to the award of Master Degree in Library & Information Science, i.e. MLI.Sc.

### 4. Programme Structure

The Following are the Courses to be studied by students who are admitted to MLI.Sc programme.

### Scheme of Examination

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### MLI.Sc Programme Structure

MLISC								
Subject Code	Subject Title	Course	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
				Exam	Min. for Pass			
ML - 1	Foundations of Information Science	I	20	80	32	100	40	06
ML - 2	Organisation of Information Sources	II	20	80	32	100	40	06
ML - 3	Content Analysis, Organisation & Development	III	20	80	32	100	40	06
ML - 4	Management of Information Resources	IV	20	80	32	100	40	06
ML - 5	Information Systems : Architecture & Retrieval	V	20	80	32	100	40	06
ML - 6	Research Methods in LIS	VI	20	80	32	100	40	06
ML - 7	Application of IT in libraries & Information Centres (Theory)	VII	20	80	32	100	40	06
ML - 8P	Organisation of Information Sources (Practical)	VIII	20	80	32	100	40	04
ML - 9P	Application of IT in Libraries and Information centres (Practical)	IX	20	80	32	100	40	04
<b>Total Credits</b>								<b>50</b>

\* **University In-House Programme.**

( Study Centre in Karnataka State Can Not run / offer this Programmes )



# MLI.Sc Programme Structure

## 5. Instructional System

The Instructional methodology used in this University is different from that in the conventional Universities. The Open University system is more learner-oriented, and is geared to cater to the needs of motivated students assuming that the students is an active participant in the teaching-learning process. Instruction to student is imparted through various modes such as Print, Audio, Video and supported by face to face communication rather than only face-to-face communication.

**The university follows multi-channel approach for instruction. It comprises proportionate combination of :**

Printed Self-instructional.

- Audio-Video CDs and FM Radio Channel.
- Face to Face Contact Programme by University Professors/ experienced professionals.

## 6. Credit System – General

MLI.Sc is a Credit-based programme. A weightage of fifty credits is given for nine courses. The University follows the 'Credit system' for its M.L.I.Sc. programme. Each Credit is of 30 hours of study comprising of all learning activities. Thus, a three credit course involves 90 study hours, a six credit course involves 180 study hours and so on. This helps the students to understand the academic efforts she / he has to put in order to successfully complete the programme.

Year Wise Fee Structure	
Program / Tuition Fees	Rs.10000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.900/-
c) For 3 Papers	Rs.1200/-
d) More Than 4 Papers	Rs.1800/-

## **M.Sc MATHEMATICS Programme Structure**

### **Objective**

In response to the exponentially growing demand for well trained post-graduates in Mathematics from Institutions with professional excellence, the Karnataka State Open University is offering a Two year semester based M.Sc. Mathematics Degree Programme (Two Semester per year-Total Four Semester). The programme is specially designed for Teachers, Engineers, computer Scientists and others who are interested in Mathematics but could not pursue a Master degree programme in Mathematics for various reasons. The Karnataka State Open University's M.Sc. Mathematics programme is a tightly scheduled, highly structured, and application oriented.

Mathematics is as old as mankind and civilization. Mathematics is advancing at spectacular rate and it is about logical analysis, decision making, deductions, precision and is also about quantity, space, change and structure. Mathematics has a pervasive influence on our everyday lives, and contributes to the wealth of the country. The curriculum is framed using time tested and Internationally well-known books and is also based on the feed back from the best programmes available in our country. The curriculum includes different branches of mathematics that have a wide range of practical applications such as Algebra, Analysis, Mathematical Modeling, computer programming, Mathematical Statistics and Operation Research. The curriculum is so developed that the study of mathematics can satisfy a wide range of interests and abilities. It develops the imagination; it trains in clear and logical thought.

Those who qualify in M.Sc. Mathematics are in fortunate position of having a wide range of career choices. The abilities to use logical thought, to make deduction from assumption, to use advanced concepts are all enhanced by a Mathematics degree course. It is for this reason that Mathematicians are increasingly in demand. With M.Sc. Mathematics degree, one should be able to turn his/her hand to Finance, Statistics, Engineering, Computers, Teaching or Accountancy with a success not possible to other post graduates.

### **1. TITLE AND DURATION OF THE COURSE**

1. The post-graduates course in Mathematics will be called as the Master of Science in Mathematics.
2. The M.Sc. Mathematics programme will be of two academic years' duration and conducted in four semesters with each semester having an academic duration of 14 to 16 weeks.

### **2. ADMISSION QUALIFICATION**

1. Candidates who have passed B.Sc / B.Sc.Ed from a recognized University with Mathematics as one of the major subjects.
2. Candidates who have passed BE/B.Tech from a recognized University / Institution.

### **3. MEDIUM OF INSTRUCTION**

The medium of instruction of M.Sc. Mathematics Programme in English only. However, Examination may be answered in English only. Under open distance system, a paper is called "Course" and a course as "Programme".

### **4. COURSE OF STUDY**

1. The M.Sc. in Mathematics programme shall be in Semester Scheme. Although the duration of the programme is two years, the maximum period for completion of the programme shall be four years.
2. There shall be five courses in each semester. Each paper shall be of 100 marks. (80 Exam) + 20 (Internal Assessment).
3. There shall be regular counselling, Contact Programmes for the candidates.

### **5. PROGRAMME STRUCTURE**

A candidate has to earn totally 70 credits from all 4 semesters. The 1st and 2nd semesters have 5 theory courses of 3 credits each. The 3rd and 4th semester have 5 and 4 theory papers respectively of each 4 credits. In the 4th semester the candidate is expected to take up an independent project of 4 credits.

### **6. CREDIT SYSTEM**

M.Sc. Mathematics Programme of Karnataka State Open University is designed keeping in view the credits prescribed and recognized by the Distance Educational Council (DEC). Each course is allotted with 3 credits. Credit delineates the study hour; and 1 credit is 30 hours of study. A candidate has to earmark 90 hours per course for studies, which includes teaching, learning, library, preparation of Internal Assessment and Examination.



## 7. SCHEME OF EXAMINATIONS

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

## M.SC. IN MATHEMATICS Programme Structure

### I SEMESTER

Paper Coder	Title of The Paper	Term End Exam		IA Marks	Total Marks	Min For Pass	Credits
		Theory	Min For Pass				
Math 1.1	Algebra	80	32	20	100	40	3
Math 1.2	Real Analysis – I	80	32	20	100	40	3
Math 1.3	Complex Analysis – I	80	32	20	100	40	3
Math 1.4	Discrete Mathematics	80	32	20	100	40	3
Math 1.5	Differential Equations	80	32	20	100	40	3

### II SEMESTER

Paper Code	Title of The Paper	Term End Exam		IA Marks	Total Marks	Min For Pass	Credits
		Theory	Min For Pass				
Math 2.1	Linear Algebra	80	32	20	100	40	3
Math 2.2	Real Analysis – II	80	32	20	100	40	3
Math 2.3	Complex Analysis – II	80	32	20	100	40	3
Math 2.4	Numerical Analysis	80	32	20	100	40	3
Math 2.5	Operation Research	80	32	20	100	40	3

## M.SC. IN MATHEMATICS Programme Structure

### III Semester

Paper Code	Title of The Paper	Term End Exam		IA Marks	Total Marks	Min For Pass	Credits
		Theory	Min For Pass				
<b>Math 3.1</b>	Topology	80	32	20	100	40	4
<b>Math 3.2</b>	Measure Theory	80	32	20	100	40	4
<b>Math 3.3</b>	Functional Analysis	80	32	20	100	40	4
<b>Math 3.4</b>	Mathematical Modeling	80	32	20	100	40	4
<b>Math 3.5</b>	Computer Programming	80	32	20	100	40	4

### IV Semester

Paper Code	Title of The Paper	Term End Exam		IA Marks	Total Marks	Min For Pass	Credits
		Theory	Min For Pass				
<b>Math 4.1</b>	Number Theory	80	32	20	100	40	4
<b>Math 4.2</b>	Graph theory and algorithms	80	32	20	100	40	4
<b>Math 4.3</b>	Fluid Mechanics	80	32	20	100	40	4
<b>Math 4.4</b>	Mathematical Statistics	80	32	20	100	40	4
<b>Math 4.5</b>	Dissertation	80	32	20	100	40	4
	<b>Grand Total</b>				<b>2000</b>		<b>70</b>

**Note:** Submission of Assignment is compulsory. Assignments should be submitted during the year of admission only. Assignments submitted in subsequent years will not be accepted.



### 8. CLASSIFICATION OF SUCCESSFUL CANDIDATES

Upon successful completion of entire program a candidate shall be placed with a class label based on his/her performance through out programme. The table summarizes the classification rules.

Aggregate % of marks obtained from all 4 semester	Qualitative level	Grade awarded	Class label
75% or more	Excellent	A	Distinction
60% to 74%	Very Good	B	I Class
50% to 59%	Good	C	II Class
35% to 49%	Satisfactory	D	Pass
Below 35%	Failed	E	Fail

### 9. AWARD OF DEGREE

Students will be eligible to get their degree certificates of M.Sc. Mathematics after successful completion of their academic programme. They will have to apply to the Register (Evaluation) along with the prescribed fee at the time of convocation to get their degree certificates. However they may be issued a provisional degree certificates, on application, soon after the announcement of the final result.

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.5000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.900/-
c) For 3 Papers	Rs.1200/-
d) For 4 Papers and above	Rs.1800/-

## **M.Sc COMPUTER SCIENCE Programme Structure**

As we enter the 21 st Century, the realm of electronic communication, which encompasses telecommunication, broadcasting, Information Technology and Enabled services in industries, is undergoing profound changes leading to Global Information Infrastructure (GII). This is capable of carrying any type of Information. Information Communication Technology is increasingly powerful tool for development of Nation and transformed the way of human life as no other technology has. As India is emerging as an IT Superpower in the world, it is our responsibility to think on the advances in this area by harnessing the younger generation in IT/Computer Education.

In view of this, the Karnataka State Open University is offering a Two Year semester based M.Sc. in Computer Science Degree Programme (Two Semester per year-Total Four Semesters). The programme is specifically designed for a targeting the Research and Development, Teaching and Software developing in the field of Computer Science. This programme content is designed in such a way that it can mould candidates to get their job in IT Computers and other sectors.

The Karnataka State Open University's M.Sc. [Computer Science] Programme is tightly scheduled and highly structured, client centered programme that aims at developing the software professionals to keep abreast of the most recent development in the field of Computer Science for the requirements of the dynamic and highly global environment of the present era. The curriculum based on the feedback from the best programmes available in the market, aims at enriching and sharpening software developing skills.

In short, the programme will develop in participants a variety of research and development and teaching skills that will lend a new edge and force to their own skills to handle myriads of challenges in the ever changing scenario of modern Software developing field. The programme also offers the much needed channel for upward mobility among practising R & D in universities / Industries / Colleges, Teaching, Professionals, Software Engineers, and Programmers, System Programmers etc., at their own workplaces.

### **Title and duration of the programme**

1. The post-graduate programme in Computer Science will be called as the Master of Science in Computer Science
2. The M.Sc. Computer Science programme will be of two academic year's duration and conducted in four semesters with each semester having an academic duration of 14 to 16 weeks.

### **MEDIUM OF INSTRUCTION**

The medium of instruction of M.Sc. Computer Science programme is English only. However, Examination may be answered in English and Kannada only. Under open distance system, a paper is called "Course" and a course as "Programme".

### **ADMISSION QUALIFICATION**

The candidates who fulfill any one of the condition as stated below are eligible to seek admission in M.SC. Computer Science.

- a) B.Sc/B.E. graduates perceiving the higher qualification are admitted to M.SC. Computer Science having studied Computer Science / Information Technology / Information Science / Computer Application as one of the major subjects with atleast 50% of marks.
- b) B.C.A with aggregate of 50% and above.
- c) B.Sc / B.E. graduates having studied Computer Science / Information Technology / Information Science / Computer Application as one of the major subjects.
- d) B.C.A graduates with atleast 3 years of experience in IT field / Teaching.





## M.Sc. Computer Science Programme Structure

### MAXIMUM DURATION FOR COMPLETING M.Sc. COMPUTER SCIENCE PROGRAMME

A candidate who is admitted to the M.Sc. Computer Science programme shall complete the degree within twice the duration of the Programme i.e., 4 years, from the date of his/her admission failing which he has to seek admission afresh.

### PROGRAMME STRUCTURE

The programme has totally 4 semesters each for 20 credits. A candidate has to earn totally 72 credits from all 4 semesters. The 1st and 2nd semesters have 4 theory courses of each 4 credits and 2 laboratory courses each of 2 credits each. The 3rd semester has 3 common courses of each 4 credits, an elective course of 4 credits and a mini project of 4 credits. The 4th semester has one common course of 4 credits, and a major project work of 12 credits.

1st Semester							
Course	Name of the Subject	Term End Exam		IA Marks	Total Marks	Min For Pass	Credits
		Theory	Min. for Pass				
MSCS501	Discrete Mathematics	80	32	20	100	40	04
MSCS502	Object oriented Programming with Java	80	32	20	100	40	04
MSCS503	Computer Architecture	80	32	20	100	40	04
MSCS504	Data Structure	80	32	20	100	40	04
MSCS505 - P	OPP Using Java Practical	80	32	20	100	40	02
MSCS506 - P	Data Structure Using C Practical	80	32	20	100	40	02
Total		480		120	600		20

2nd Semester							
Course	Name of the Subject	Term End Exam		IA Marks	Total Marks	Min For Pass	Credits
		Theory	Min. for Pass				
MSCS507	Analysis & Design of Algorithms	80	32	20	100	40	04
MSCS508	DBMS	80	32	20	100	40	04
MSCS509	Linux Internals	80	32	20	100	40	04
MSCS510	Computer Networks	80	32	20	100	40	04
MSCS511 - P	ADA & DBMS Laboratory	80	32	20	100	40	02
MSCS512 - P	Linux Internals & Network Programming	80	32	20	100	40	02
Total		480		120	600		20

## M.Sc. Computer Science Programme Structure

3rd Semester							
Course	Name of the Subject	Term End Exam		IA Marks	Total Marks	Min For Pass	Credits
		Theory	Min. for Pass				
MSCS513	Software Engineering	80	32	20	100	40	04
MSCS514	Visual Technologies	80	32	20	100	40	04
MSCS515	Computer Graphics & Visualization	80	32	20	100	40	04
MSCS516	Elective-1	80	32	20	100	40	04
MSCS517	Mini Project	80	32	20	100	40	04
<b>Total</b>		400		100	500		20

4th Semester							
Course	Name of the Subject	Term End Exam		IA Marks	Total Marks	Min. For Pass	Credits
		Theory	Min. for Pass				
MSCS518	Management Information System and ERP	80	32	20	100	40	04
MSCS519	Elective-2	80	32	20	100	40	04
MSCS520	Major Project	200	80	100	300	40	12
<b>Total</b>		360		140	500		20

The department offers following electives to enable the candidates to be focused in their studies

### Electives-1

- |              |                       |
|--------------|-----------------------|
| 1. MSCS-516A | Data Mining           |
| 2. MSCS-516B | Simulation & Modeling |
| 3. MSCS-516C | Theory of Computation |

### Elective - 2

- |              |                         |
|--------------|-------------------------|
| 1. MSCS-519A | Image Processing        |
| 2. MSCS-519B | Internet Technology     |
| 3. MSCS-519C | Artificial Intelligence |

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

### CREDIT SYSTEM

M.Sc Computer Science Programme of Karnataka State Open University is designed keeping in view the credits prescribed and recognized by the Distance Educational Council (DEC). Each course is allotted with 3 credits. Credit delineates the study hour; and 1 credit is 30 hours of study. A candidate has to earmark 90 hour per course for studies, which includes teaching, learning, library, preparation of Internal Assessment and Examination.



## M.Sc. Computer Science Programme Structure

### ACADEMIC ASSESSMENT PROCEDURE

- a) The academic assessment in each subject is based on the Internal Assessment and Term-end examinations conducted by the University.
- b) The distribution of marks for evaluation in each subject will be as follows:
- |   |                  |
|---|------------------|
| i) <b>For Theory Subjects</b>             |                  |
| Internal Assessment                       | 20 marks         |
| Term-end University Examination           | 80 marks         |
| <b>Total</b>                              | <b>100 marks</b> |
| ii) <b>For Practical</b>                  |                  |
| Internal Assessment                       | 20 marks         |
| Term-end University Practical Examination | 80 marks         |
| <b>Total</b>                              | <b>100 marks</b> |
| iii) <b>Mini Project</b>                  |                  |
| Internal Assessment                       | 50 marks         |
| Term-end University Practical Examination | 50 marks         |
| <b>Total</b>                              | <b>100marks</b>  |
| iv) <b>Major Project</b>                  |                  |
| Internal Assessment                       | 100 marks        |
| Term-end University Practical Examination | 200 marks        |
| <b>Total</b>                              | <b>300 marks</b> |

### INTERNAL ASSESSMENT

Internal Assessment for M.Sc Computer Science Programme shall consist of Assignment and Seminar.

Assignment: Assignment questions will be sent to the candidates at the time of admission. The candidates have to write the assignments, tag the assignments course wise separately and put it in a A4 size postal cover, write the Name, Course, Register Number correctly on the assignment, postal cover and submit it to the Academic Partner, SCOPE, Premises No:83, Bellary Main Road, Opp. veterinary College, Ganga Nagar, Bangalore-24 within the stipulated time.

### SCHEME OF EXAMINATIONS FOR MSC COMPUTER SCIENCE

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

### PATTERN OF EXAMINATION / EVALUATION

a. The pattern of question paper for all theory examination will consist of two parts. Part-I will be compulsory with objective / short-question type for 20 marks. Part-II will have choice (5 out of 8 questions) for 50 marks. The total will be 80 marks. Evaluation process shall be as per the norms of PG examination of KSOU.

b. Regarding practical examinations, there will be one practical examination by the University for each Laboratory Paper in each semester. During the practical examination, a candidate has to randomly pick any one laboratory assignments and to design and develop a program to demonstrate within the stipulated time to the examiners. There will be a panel of 2 examiners, one of which, shall be chosen from other institutes which is not affiliated to KSOU.

#### c. MINI Project

The candidate is expected to take up an independent mini project involving Problem formulation, design, implementation and testing phases that typically Explores various phase in software development. He / She is also expected practices Principles of software engineering including documents. A dissertation should be Prepared and submitted for evaluation. For Internal Assessment of 50 marks, a guide can conduct one seminar and one execution each for 20 marks for evaluation purpose. For other 50 marks, an external examiner shall be invited to conduct viva examination.

#### d. Major Project

The candidate shall expected to take up an independent major project Involving problem formulation, design, implementation and testing phases That typically explores various phases in software development. He /She is Expected to utilize the knowledge gained through various subjects studied in this programme. Further, the candidate has to inculcate the ability in Integrating and releasing a prototype (working model) of the solution to the Problem taken. The Project should be prepared and submitted for evaluation For internal Assessment of 100 marks, a guide can one seminar and seminar And one execution each for 50 marks for evaluation purpose. For other 200 Marks, and external examiner shall be invited to

## M.Sc. Computer Science Programme Structure

### GENERAL REGULATIONS

- a. A student is permitted to register for the next higher semester after completion of a semester course, irrespective of the results in his previous semester papers.
- b. The candidate can continue to register for higher semesters in a similar way along with his/her registration in failed subjects of earlier semesters.
- c. A student has to complete the degree within twice the duration of the academic Programme that is 4 years.

### CLASSIFICATION OF SUCCESSFUL CANDIDATES.

Upon successful completion of the entire program a candidate shall be placed with a class label based on his / her performance through out programme. The table summarizes the classification rules.

Aggregate % of marks obtained from all 4 semester	Qualitative Level	Grade Awarded	Class Label
75% or more	Excellent	A	Distinction
60% to 74%	Very Good	B	I Class
50% to 59%	Good	C	II Class
35% to 49%	Satisfactory	D	Pass
Below 35%	Failed	E	Fail

### AWARD OF DEGREES

Students will be eligible to get their degree certificates of M.Sc Computer Science after successful completion of their academic programme. They will have to apply to the Registrar (Evaluation) along with the prescribed fee at the time of convocation to get their degree certificates. However they may be issued a provisional degree certificate, on request, soon after the announcement of the final results.

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.8000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.900/-
c) For 3 Papers	Rs.1200/-



**M.SC. CHEMISTRY PROGRAMME STRUCTURE**

**Duration of The Programme** : 2 Years

**Eligibility Criteria** : B. Sc. in relevant Branch

1st Year							
Course	Name of the Subject	Term End Exam		IA Marks	Total Marks	Min For Pass	Credits
		Theory	Min. for Pass				
MSCCH 101	Organic Chemistry - I	80	32	20	100	40	04
MSCCH 102	Inorganic Chemistry - I	80	32	20	100	40	03
MSCCH 103	Physical Chemistry - I	80	32	20	100	40	04
MSCCH 104	Spectroscopy	80	32	20	100	40	04
Practical - I	Organic Chemistry - I Lab	80	32	20	100	40	04
Practical - II	Inorganic Chemistry - I Lab	80	32	20	100	40	03
<b>Total</b>		<b>480</b>		<b>120</b>	<b>600</b>		<b>22</b>

2nd Year							
Course	Name of the Subject	Term End Exam		IA Marks	Total Marks	Min For Pass	Credits
		Theory	Min. for Pass				
MSCCH 201	Organic Chemistry - II	80	32	20	100	40	04
MSCCH 202	Inorganic Chemistry - II	80	32	20	100	40	04
MSCCH 203	Physical Chemistry - II	80	32	20	100	40	04
MSCCH 204	Drugs	80	32	20	100	40	04
MSCCH 205	Project and Viva	80	32	20	100	40	03
Practical - I	Organic Chemistry -II Lab	80	32	20	100	40	04
<b>Total</b>		<b>480</b>		<b>120</b>	<b>600</b>		<b>23</b>

**Year Wise Fee Structure**

Program / Tuition Fees	Rs.8000/-
Examination Fees	Rs.1500/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.900/-
c) For 3 Papers	Rs.1200/-
d) More Than 3 Papers	Rs.1500/-

**NEW COURSE****M.SC. PHYSICS PROGRAMME STRUCTURE**

Duration of The Programme : 2 Years

Eligibility Criteria : B. Sc. in relevant Branch

1st Year							
Course	Name of the Subject	Term End Exam		IA Marks	Total Marks	Min For Pass	Credits
		Theory	Min. for Pass				
MSCPY 101	Life Skills - I	80	32	20	100	40	04
MSCPY 102	Mathematical Physics	80	32	20	100	40	03
MSCPY 103	Classical and Statistical Mechanics	80	32	20	100	40	04
MSCPY 104	Spectroscopy	80	32	20	100	40	04
Practical - I	Condensed Matter Physics Lab	80	32	20	100	40	04
Practical - II	Life Skills Lab	80	32	20	100	40	03
<b>Total</b>		<b>480</b>		<b>120</b>	<b>600</b>		<b>22</b>

2nd Year							
Course	Name of the Subject	Term End Exam		IA Marks	Total Marks	Min For Pass	Credits
		Theory	Min. for Pass				
MSCPY 201	Life Skills - II	80	32	20	100	40	04
MSCPY 202	Electro Magnetic Theory	80	32	20	100	40	04
MSCPY 203	Quantum Mechanics	80	32	20	100	40	04
MSCPY 204	Electronics	80	32	20	100	40	04
MSCPY 205	Project and Viva	80	32	20	100	40	03
Practical - I	Electronics Experiments Lab	80	32	20	100	40	04
<b>Total</b>		<b>480</b>		<b>120</b>	<b>600</b>		<b>23</b>

**Year Wise Fee Structure**

Program / Tuition Fees	Rs.8000/-
Examination Fees	Rs.1500/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.900/-
c) For 3 Papers	Rs.1200/-
d) More Than 3 Papers	Rs.1500/-



## MASTER OF LAW (LL.M) 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. Specialization in the Programme

The programme is offered with a specialization and "Intellectual Property and Technology Law" is the specialization in LL.M programme.

### 3. Programme duration

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

### 4. 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 counselling. 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.

### 5. Eligibility for Admission

Candidates who have passed LLB 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.

### 6. 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.

### 7. Program Structure and Syllabus

#### Semester I

Paper Code	Title of the Paper	IA	Term End Exam	Total Marks	Min for Pass	Credits
LLM -1	Research Methodology	20	80	100	40	4
LLM 2	Introduction to Intellectual Property & Patent Law	20	80	100	40	4
LLM -3	Law of Plant Varieties and Farmer Rights	20	80	100	40	4
LLM -4	Law of Copy Right	20	80	100	40	4

#### Semester II

Paper Code	Title of the Paper	IA	Term End Exam	Total Marks	Min for Pass	Credits
LLM -5	Law of Trade marks & Domain names	20	80	100	40	4
LLM -6	Law of Design & Integrated Circuits	20	80	100	40	4
LLM -7	Law of Trade Secrets	20	80	100	40	4
LLM -8	Technology law and Society	20	80	100	40	4

#### Semester III

Paper Code	Title of the Paper	IA	Term End Exam	Total Marks	Min for Pass	Credits
LLM -9	Law on Geographical Indication & Traditional Knowledge	20	80	100	40	4
LLM -10	Law relating to Biotechnology	20	80	100	40	4
LLM -11	Information Technology Law	20	80	100	40	4
LLM -12	Technology Transfer & IPR	20	80	100	40	4

## Master of Law (LL.M) Programme Structure

### Semester IV

Paper Code	Title of the Paper	IA	Term End Exam	Total Marks	Min for Pass	Credits
LLM -13	I P Audit and Management	20	80	100	40	4
LLM -14	I P and Competition Law	20	80	100	40	4
LLM -15	Dissertation	20	180	200	80	8

#### 8. Scheme of Examination

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

#### 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.

Semester Wise Fee Structure	
Program / Tuition Fees	Rs.8000/-
Examination Fees	Rs.1800/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.900/-
c) For 3 Papers	Rs.1200/-
d) More Than 3 Papers	Rs.1800/-



## BLI.Sc Degree Programme Structure\*

### 1. Eligibility for Admission

Candidates should possess any degree in any discipline of this University or any other recognized University. Such candidates are eligible for admission into the bachelor of library and Information Science Programme.

### 2. Duration of the Programme

Duration of the BLI.Sc Programme is 'One' academic year from the year of Admission to the programme.

### 3. Medium of Instruction

The medium of instruction followed is English and Kannada.

### 4. Programme structure

The following are the courses to be studied by students who are admitted to BLISc programme.

### BLISc. Degree Programme Structure

BLISc								
Subject Code	Subject Title	Course	IA Marks	Term End Exam		Max. Marks	Min. Marks	Credits
				Exam	Min. for Pass			
BLIS - 1	Library, Information and Society	I	20	80	32	100	40	06
BLIS - 2	Management of Library, Information Centres	II	20	80	32	100	40	06
BLIS - 3	Information Processing – Theory I : Classification	III	20	80	32	100	40	06
BLIS - 4	Information Processing – Theory II : Cataloguing	IV	20	80	32	100	40	06
BLIS - 5	Information Sources and Services	V	20	80	32	100	40	06
BLIS - 6	Fundamentals of Information Technology	VI	20	80	32	100	40	06
BLIS - 7P	Information Processing I : Classification (Practical)	VII	20	80	32	100	40	06
BLIS - 8P	Information Processing II : Cataloguing (Practical)	VIII	20	80	32	100	40	04
<b>Total Credits</b>								<b>46</b>

### 5. Instructional System

The Instructional methodology used in this University is different from that of the conventional Universities. The Open University system is more learner-oriented, and is geared to cater to the needs of motivated students assuming that the student is an active participant in the teaching-learning process. Instruction to student is imparted through various modes such as Print, Audio, Video and supported by face to face contact programme.

**The University follows multi-channel approach for instruction. It comprises proportionate combination of :**

- \* Printed Self-instructional Material – Audio and Video cassettes
- \* Audio-video C.D

### 6. Study Materials

University will supply Study Materials for the students in the pattern of Self Learning Materials (SLMs). The Study Materials will be in English and Kannada medium. Each course is divided into 6 Blocks. Further, Blocks are subdivided into 2 to 6 Units. The students will receive 35 Blocks for the entire programme.

### \* **University In-House Programme.**

( Study Centre in Karnataka State Can Not run / offer this Programmes )

## BLISc. Degree Programme Structure

### 7. Credit System – General

BLI.Sc is a Credit Based Programme. A weightage of Forty-eight credits are given for Eight Courses. The University follows the 'Credit system' for its BLI.Sc programme. Each Credit is of 30 hours of study comprising of all learning activities. Thus, a three credit course involves 90 study hours, a six credit course involves 180 study hours and so on. This helps the students to understand the academic efforts she/ he has to put in order to successfully complete the programme.

### 8. Personal Contact Programme (PCP)

University conducts Personal Contact Programmes at various Centres. Students should attend the PCP at the centre to which they are directed to attend. Students can have more information on PCP form the Coordinator, Library and Information Science Department of the University. During the Personal Contact Programme, Lectures will be delivered by the reputed Academicians working in various Universities and Libraries. Participation in the Contact programme is **COMPULSORY**. Students who do not attend PCP, will not be allowed to register for the Final Examination.

### SCHEME OF EXAMINATIONS

- Internal assessment (IA) through assignments with a weightage of 20%
- Term-end examination having a weightage of 80%
- Each paper will be of 100 marks
- Minimum for passing in each course is 40% in each component.

Year Wise Fee Structure	
Program / Tuition Fees	Rs.8000/-
Examination Fees	Rs.1300/-
Registration Fees (At the time of admission only)	Rs.500/-
Fees for Re-Sitting Examination	
a) For 1 Paper	Rs.600/-
b) For 2 Papers	Rs.800/-
c) For 3 Papers	Rs.1000/-
d) More Than 3 Papers	Rs.1300/-



## Calendar of Events

S.N.	Events	1 <sup>st</sup> Cycle July 2014 to Dec 2014	2 <sup>nd</sup> Cycle Jan 2015 to June 2015
1)	Submission of Draft Prospectus and Advertisement for University approval	1 <sup>st</sup> Week of May 2014 (For both Annual & Semester Scheme)	
2)	Approval of Prospectus / Advertisement given by the collaborative institutions	1 <sup>st</sup> Week of June 2014	
3)	Advertisement to be given by collaborative institutions	On Approval by the University	
4)	Sale of Prospectus Note: Without Approval of Prospectus by the University the Institute shall not make admission nor send any admissions for approval.	1 <sup>st</sup> July 2014 (for both Annual & Semester Scheme)	1 <sup>st</sup> January 2015 (for Semester Scheme only)
5)	Admissions without Penal Fee	13 <sup>th</sup> August 2014 (for Semester Scheme) 20 <sup>th</sup> September 2014 (for Annual Scheme)	04 <sup>th</sup> March 2015 (for Semester Scheme only)
6)	Admissions with Penal Fee of Rs. 200/-	20 <sup>th</sup> September 2014 (for Semester Scheme & to close admissions) 10 <sup>th</sup> October 2014 (for Annual Scheme & to close admissions)	30 <sup>th</sup> March 2015 (And to close admissions for Semester Scheme only)
7)	Admission Approval List to be submitted to the University for Approval along with 3 sets of approved Prospectus compulsorily.  (admission approval list strictly in ledger form 3 sets in original and soft copies 3 sets)	25 <sup>th</sup> September 2014 (for Semester Scheme) 20 <sup>th</sup> October 2014 (for Annual Scheme)	10 <sup>th</sup> April 2015 (for Semester Scheme only)
8)	Study Material to be distributed	On the Spot	On the Spot
9)	Regular teaching (Face to Face Mode)	11 <sup>th</sup> October 2014 (for 3 months) (for both Annual and Semester Scheme)	1 <sup>st</sup> April 2015 (for 3 months) (for Semester Scheme only)
10)	Personal Contact Program (Distance Mode)	13 <sup>th</sup> Oct to 22 <sup>nd</sup> Oct 2014 (for both Annual & Semester Scheme)	1 <sup>st</sup> May & 10 <sup>th</sup> May 2015 (for Semester Scheme only)
11)	Submission of Internal Assessment Marks to the Examination Branch	10 <sup>th</sup> December 2014 (for both Annual & Semester Scheme)	10 <sup>th</sup> May 2015 (for Semester Scheme only)

## **FEES STRUCTURE FOR ALL PROGRAMME**

Sr.No.	Particulars	Fees	
		UG Rs.	PG Rs.
1.	Cost of Information Brochure		300
2.	Eligibility Fee (NRI / Foreign Students)		15,000
3.	Registration One time		500
4.	Fees for issue of Duplicate I-Card		100
5.	Correction of Marks Card ( per Marks Card )		200
6.	Fee for Change of Examination Centre		1000
7.	Revaluation Per Paper	1000	1200
8.	Duplicate Marks Card (Additional Search fee or Rs.50/- for each Paper/course Per Year)		600
9.	Consolidated Marks Card (Additional Rs.50/- for delay per year)		600
10.	Migration Certificate (Additional Rs.50/- search fee per year)		600
11.	Provisional Pass Certificate		600
12.	Convocation Fee (in Absentia) Additional Search fee per year Rs.50/-)		900
13.	Genuinity Certificate		600
14.	Genuinity Certificate/Verification Certificate for overseas students		4000
15.	Degree Certificate		300
16.	B.P.P Fees		500
17.	M.P.P Fees		1000
18.	Change of Name with prior permission from the University		1000
19.	Re-Enrollment Fees for all courses after one year Break		1000
20.	Issuing of T.C / N.D.C		500
21.	Change of Programme from One Diploma to other Diploma		1000



<b>KARNATAKA STATE OPEN UNIVERSITY</b> Manasagangotri, Mysore - 570006, Karnataka, India & <b>SCOPE</b> Bellary Main Road, Ganga Nagar, Bangalore-24		Photograph
<b>IDENTITY CARD</b>		
Name of the Student : _____		
Roll No: _____		
Year of Admission: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Cycle: <input type="text"/> January <input type="text"/> July		
Name of the Study Centre & Code: _____		
Student Address: _____		
Name of Programme : _____		
Name of the Course & Semester : _____		
Signature & Seal of the Institution		Signature of the Student
Deputy Registrar (Admission)		
Identity Card is not Transferable It is a valid only when the Identity Card of the Student is duly attested by the Deputy Registrar (Admission), KSOU, Manasagangotri, Mysore-06.		



# KARNATAKA STATE OPEN UNIVERSITY

Manasagangotri, Mysore - 570 006, Karnataka, India

&

## SCOPE, Bangalore - 24

APPLICATION FOR ADMISSION TO \_\_\_\_\_ PROGRAMMES 2012-2013

Affix a passport size photograph duly signed by the candidate

Enrolment No. (For office use only)

1. Name of the Applicant as in the Marks Card of Standard X exam :

2. Father's / Husband's Name :

3. Mother's Name :

4. Date of Birth :

Date Month Year

5. Sex : (✓)

 M  F

6. Nationality :

7. Mother tongue :

8. Complete Address of Student for Correspondence (Do not repeat name) :

City  State  Pin

Contact Number  E-Mail

9. Study Centre Code :

Name of the Centre :

City or Town :

10. Regulation - R1

R2

BPP

MPP

11. Course Applied For :

Stream :

Sem :

Year :

Specialization/Elective

12. OPTIONAL PAPER ( FOR BA COURSE)

1.

2.

3.

13. Demand Draft Details

D.D Number

Amount

₹-

D.D Date

Name of the Bank

14. Educational Qualification (10th Onwards) :

Examination Passed	Month & Year of Passing	Subject	Percentage of Marks	Name of the Board/University







◆ **Check List :**

- Date of Birth Certificate/Proof     X th Marksheet     X th Passing Certificate  
 XII th Marksheet (PCM)     XII th Passing Certificate  
 Diploma Final sem./year Marksheet     Diploma Passing /Provisional Certificate.  
 I.T.I./NCVT./MCVC Marksheet & Certificate  
 Any Other Supporting Document

**UNDERTAKING BY THE STUDENTS**

To,  
The Dean Academics  
Karnataka State Open University  
Manasagangotri, Mysore  
Karnataka - 06

Photo

Sir/Madam,

This is to declare that, I \_\_\_\_\_ Son /Daughter of \_\_\_\_\_ have taken admission in \_\_\_\_\_ programme in (January/ July) 200\_\_\_\_\_ in \_\_\_\_\_ Stream under Karnataka State Open University. And I assure that all the documents enclosed related to my qualification regarding the admission are genuine and authentic.

I say and submit that I am under going \_\_\_\_\_ programme of Karnataka State Open University, Mysore to gain and enhance my knowledge and Academic value and I may not get advantage in teachings job.

I say and submit that to gain and enhance my knowledge and Academic value I want to Join \_\_\_\_\_ programme / academic course of Karnataka State Open University, Mysore and further advancement of my professional career.

In the event of suppression or distortion of any fact like educational qualification, documents related to nationality and study period etc. made in my application form, I understand that my admission is liable to be cancelled.

I am eligible for the examination as per the rules and regulations of the university. I shall be responsible for the consequences if the information filled by me is found incorrect. If I am found ineligible for admission to a class, at any stage my application will be rejected even if my result has been finally declared and consequently such result also would be void.

I further say and submit that even if I do not get any advantage of said course after its completion, I hereby undertake not to hold the above University, its Institute or any other person responsible in any manner for getting no benefit of said course. I say and declare that above course advanced by said University is only for enhancement of my knowledge and nothing more and with that clear understanding I joined the said course at my own risk and cost. I further say that I have gone through the prospectus of said University and I am fully satisfied with contents of the same.

I also undertake not to claim any damage for the same.

Whatever is stated hereinabove is true and correct to my own knowledge and belief.

Place : \_\_\_\_\_

Signature of the Candidate

Date : \_\_\_\_\_

Enrollment No./Roll No. \_\_\_\_\_

**UNDERTAKING BY THE STUDY CENTRE**

This is to certify that Mr./Ms./Mrs \_\_\_\_\_ Son / Daughter / Wife \_\_\_\_\_ is a student registered from our Study Centre. The photo pasted on this form depicts his /her current appearance correctly. I have personally checked all the documents enclosed herewith. I attest that all the entries are correct. I, as well as the candidate, Know that if his/her result is finally not declared due to ineligibility, I and the students shall bear fully responsible for rejection and not the University.

Seal & Signature of the centre Incharge



5. Sex : Male  Female

6. Medium : English

7. Year in which candidate completed the Programme

I Year / Semester

II Year / Semester

III Year / Semester

IV Year / Semester

8. Details of fees paid :

YEAR  / SEMESTER

Amount Paid in Rs.

DD No.

Name of the bank

Date

I declare that the information furnished above by me is correct to the best of my knowledge.

Date : .....

Place : .....

Signature of the Candidate

### FOR OFFICE USE ONLY

Accepted / Rejected

.....

Scrutinized by

.....

Checked by

### IMPORTANT INSTRUCTIONS TO BE FOLLOWED BY THE CANDIDATES

1. The filled application should be submitted to **Registrar (Evaluation), Karnataka State Open University, Manasagangotri, Mysore - 570 006.**
2. Candidates are requested to submit the Examination Fee.
3. The application along with the DD should be submitted on or before the due date (without or with penal fee as prescribed in the fee circular). Otherwise, the application will Not be registered.
4. In the first attempt the Candidate should appear for all papers.
5. Incomplete applications are liable to be rejected.
6. Examination fees once paid will NOT be readjusted / refunded under any circumstances.
7. **Students Are Prohibited To Bring Mobile Phones TO The Examination Hall.**



# KARNATAKA STATE OPEN UNIVERSITY

MANASAGANGOTRI, MYSORE - 570 006

## & SCOPE, Bangalore - 24

APPLICATION FOR ADMISSION TO \_\_\_\_\_ PROGRAMMES 2012-2013

Appl No. \_\_\_\_\_

Affix a passport size photograph duly signed by the candidate

### STUDENT'S PERSONAL INFORMATION (PLEASE FILL IN BLOCK LETTERS)

ROLL NO./ ENROLLMENT NO. \_\_\_\_\_

1. NAME \_\_\_\_\_  
(As Per Matriculation Marks Card)

2. NAME OF FATHER/ GUARDIAN/HUSBAND \_\_\_\_\_ 3. NAME OF MOTHER \_\_\_\_\_

4. DATE OF BIRTH

5. POSTAL ADDRESS OF APPLICANT \_\_\_\_\_  
Pin Code

6. PLACE OF BIRTH & DISTRICT \_\_\_\_\_ 7. MOTHER TONGUE \_\_\_\_\_ 8. SEX: M  F

9. NATIONALITY  Indian  Non Indian

10. CONTACT NUMBERS (1) OFFICE \_\_\_\_\_ (3) MOBILE \_\_\_\_\_  
with STD code (2) RESIDENCE \_\_\_\_\_ (4) E-MAIL \_\_\_\_\_

11. CATEGORY Tick (✓) box  SC  ST  I  IIA  IIB  IIIA  IIIB  GM 12 ANNUAL INCOME \_\_\_\_\_

13. WHETHER Tick (✓) box  PHY. CHALLENGED  DEFENCE  EX. SERVICEMAN 14. Admission Cycles 1st Cycle January  2nd Cycle July

15. QUALIFYING EXAMINATIONS PASSED

Examination passed	Board/University	Reg.No.& Year of Passing	Marks Obtained	% of Marks	Class Obtained	Papers offered
						1. _____
						2. _____
						3. _____
						4. _____
						5. _____
						6. _____
						7. _____

16. REGULATION - R1  R2  RPP  MPP

17. COURSE OPTED \_\_\_\_\_ 18. STREAM \_\_\_\_\_

19. SEMESTER \_\_\_\_\_ 20. SPECIALIZATION/ELECTIVE \_\_\_\_\_

21. OPTIONAL PAPER (FOR BA COURSE) 1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

22. APPLICANTS PROFESSION (✓)  Full time service  Part time service  Business  Agriculture  Unemployed  House Wife  Retired  Other

23. NAME OF THE STUDY CENTRE & CODE \_\_\_\_\_

24. FEE PAYMENT DETAILS (KSOU SHARES)

SR. NO	TYPES OF FEES	AMOUNT (RS.)
1.	PROGRAMME / TUITION FEE	
2.	REGISTRATION FEE	
3.	ELIGIBILITY / NRI / FOREIGN STUDENTS (ELIGIBILITY FEE FOR NON-KARNATAKA ONLY)	
4.	PENAL FEE	
5.	EXAMINATION FEES	
TOTAL		

FEE PAID D.D NO. \_\_\_\_\_

DATE

BRANCH OF REMITTANCE \_\_\_\_\_

NAME OF THE BANK \_\_\_\_\_

Place: \_\_\_\_\_ SPECIMEN SIGNATURE 1. \_\_\_\_\_ 2. \_\_\_\_\_

Date: \_\_\_\_\_

- ENCLOSURES
- (i) Qualifying or equivalent Marks Cards (Attested)
  - (ii) Transfer Certificate
  - (iii) Caste Certificate (for Karnataka Students) (Attested)
  - (iv) Four Stamp Size Photographs (Write your Name & Application no. on back side of the photo)

Signature of the Applicant \_\_\_\_\_



## **RULES OF THE UNIVERSITY**

- 1. No Candidate is permitted to pursue two degree programmes simultaneously of this or any other University.**
- 2. If a candidate gets admitted to more than one post graduate or degree programme, the University shall cancel his/her admission to one of the programmes, which he/she had joined without giving prior notice.**
- 3. Any student who is found to have concealed information about his /her age, qualification etc. or violated any provisions, is liable to be removed from the rolls forthwith and will be deprived of the benefits of attendance, examination, results, awards etc., in the programme concerned, apart from appropriate disciplinary action and imposition of penalties.**
- 4. Candidates shall abide by the Rules and Regulations in force and those to be issued by the University from time to time.**
- 5. False declaration of Age, Qualification etc., by the candidate will disqualify his/her admission to the University.**
- 6. Any/All Legal Disputes shall be subjected to the jurisdiction of Mysore City courts only.**
- 7. The offices of the university will remain closed on the Second Saturdays of every month, all Sundays and General Holidays.**
- 8. This prospectus provides all necessary information you need as a student of the University. You are therefore advised to keep the prospectus till you complete your Programme. Avoid unnecessary correspondence about the details provided in this prospectus.**
- 9. To receive the Degree Certificate after passing the examination, a student should directly apply to the Registrar (Examination), Karnataka State Open University, Manasagangotri, Mysore-6 in the prescribed application form. Other details may be obtained from the University after the press notification about the convocation.**
- 10. To receive the Degree Certificate after passing the examination, a student should directly apply to the Registrar (Examination), Karnataka State Open University, Manasagangotri, Mysore-6, in the prescribed form or by paying the Prescribed fee.**
- 11. Transfer Certificate will not be issued to the student. It will be sent to the institution where the student pursues his/her further studies. However, the students have to obtain No Due Certificate from the University before applying for Transfer Certificate/ Migration Certificate.**
- 12. Provisional Pass Certificate will be issued by the Registrar (Examination) on request and on payment of prescribed fee, after the declaration of result by the University.**
- 13. If the Original Identity card is lost, duplicate card may be obtained from the office on Payment of Rs.100/-**
- 14. Lateral Entry (Credit Transfer) from any University to KSOU is not allowed for any Programme.**



## GENERAL INSTRUCTIONS

The rules and regulation in force at the time a student joins a course shall hold good only for the examination held during or at the end of academic session. Nothing in these ordinances shall be deemed to debar the University from amending the ordinances subsequently and the amended ordinances i.e. if any shall apply to all the students whether old or new.

### Registration / Enrollment:

1. Candidates shall abide by the Rules & Regulations in force and those that may be issued by the University from time to time.
2. False declaration of Age, Qualification etc., by the candidate will disqualify his/her admission to the University.
3. Candidates who have not completed their qualifying exams, or who have appeared in the final exams and awaiting results can also enroll for the University Programme. However, the result should be submitted to the University before the first semester exam.
4. Incomplete admission form in any respect and without requisite fee will be summarily rejected.
5. Candidates seeking admission should pay the Programme/Tuition, Registration and Examination fees in full at the Study Centre of the University. Please enclose a set of attested photocopies of marks cards, Certificates, date of birth certificate and other documents with the application form duly filled-in and submit the same on or before the due/last date as mentioned in the advertisement at the Study Centre of the University.
6. No request for change of Stream/Programme will be solicited hence forth.
7. The study centre should keep on visiting the web-site regularly. In case of any discrepancy, they should bring into the notice of the University within a week, failing so, the university will not be responsible.
8. The study centre should follow all the deadlines strictly given on the website.
9. The University does not take the responsibility for postal delays or loss of any document or letter in transit.
10. Candidates have to submit attested photocopy of all the documents relevant to education qualification (Xth onwards) and the date of birth proof duly attested by Gazetted Officer / Principal of School or college. The attested photocopy should be verified with original and signed & stamped by Centre Head of the Study Centre of the University.
11. The University reserves the right to change the course curriculum whenever it will be felt that the change/ modification could best serve the interest of students and the potential employers from time to time.
12. In case of change of address, the Academic Partner, SCOPE, Bangalore-24 should be informed at least four weeks in advance to avoid any misplacement of the study material and any other correspondence.
13. The information given is an indication of the University's plans as on date of publication of this document. Details can be modified from time to time for academic and operational reasons. The students will be governed by latest regulations applicable to them during academic year.
14. In the event of any inconsistency in the rules framed for admission or in the event of any clarification with respect to the above said rules /instructions, the matter shall be referred to the Vice Chancellor for interpretation and the interpretation given by the Vice Chancellor shall be final. The Vice Chancellor is also competent to remove any inconsistency and decide as to which provision shall take precedence over the other.
15. The University will not refund fees once paid to the eligible candidates under any circumstances.
16. No application form for admission received after the last date specified for the purpose will be entertained. However, in case the last date for receipt of application is a holiday or that day is declared holiday by the University, the next working day will be considered as the last date for the purpose.
17. Money orders, IPO, or any other mode of payment directly to the University will not be accepted. The University will not be responsible for any loss through such mode of payments. All the fees should only be paid to Study Centres of the University.
18. Students are required to preserve carefully the fee paid receipt for all payments made to the University, as it is the only valid document accepted. They will have to produce this copy at the time of obtaining examination admission ticket, marks cards or relevant documents at the Study Centre.
19. Identity Card bearing Permanent Enrollment number will be issued to every student after the admission is finalized.
20. In all correspondence with the University the student shall quote his/her Enrollment No., programme and name of the Study Centre where they have been enrolled.
21. Medium of Instruction and Examination shall be English.
22. For Registration and Examination purposes, for the entire course, migration certificates will not be required.
23. Extension in the last date of submission of Registration form shall be decided only by the University.
24. In case a paper is dropped from the course of study as a result of any revision, the University would indicate a suitable paper in lieu thereto.
25. All legal disputes, if any, shall come under the jurisdiction of Court in MYSORE.



## FREQUENTLY ASKED QUESTIONS

**Q.1 What are the different courses offered by the University?**

A. To check the different programmes offered by the University, kindly visit the Programmes Offered section.

**Q.2 What is the admission procedure?**

A. To take an admission into any program, the students will have to purchase the prospectus, fill up the admission form contained in within, and submit the same at that particular Study Centre, where the student wants to pursue his studies.

**Q.3 Where can we get the prospectus from?**

A. The prospectus can be purchased from the nearest Study centre or from the University Collaborator, Bangalore-24 at a cost of Rs.300/- at counter and Rs.350/- by registered post.

**Q.4 Where would be the classes held and what would be the duration of the classes?**

A. From University's side a contact program of 200 hours per semester will be provided including the theory and practical session. The classes provided by the University will be held at the Study centre, which the student can choose according to his/her convenience. The schedule of the classes may differ each Study centre, and the student can get it from the chosen Study centre.

**Q.5 Is it necessary to take one or the other Study Centre?**

A. Yes, it is necessary to pursue the studies of all the programmes through any one of the Study centres across the country as all the assignments, theory and practical counseling will be held at those Study centres.

**Q.6 Where are the different Study Centres?**

A. To check the different programmes offered by the University, kindly visit the Programmes Offered section.

**Q.7 What would be the mode of payment of the semester fee?**

A. The fees will be paid in any form either DD/Cheque in favour at the Study Centre where the students want to enroll for the course.

**Q.8 Where we get the study material?**

A. All the study material provided by the University will be given at the designated / chosen Study centre.

**Q.9 Do I have to submit the original certificates for verification?**

A. As per the University norms, the original certificates of all the students enrolled in the University should be submitted along with the University application and eligibility form.

**Q.10 Where will be the examinations conducted?**

A. The examination centres will be allotted in the nearest city of your Study centre depending on the number of the students, which will be intimated to the students before the commencement of the examination.

**Q.11 What will happen after I have registered for a Distance Education programme and also submitted my course fee?**

A. After successful registration, You will receive a confirmation from your Study Centre along with your study material.

**Q.12 Is the entire course material available at one time?**

A. No, only semester-wise course material will be made available in three Volumes.

**Q.13 Do I need to refer the books in addition to course material provided by the University?**

A. The course material given to you will cover the course topics in sufficient detail. However, we also suggest certain reference books that you read in order to get an in-depth knowledge on the topics covered.

**Q.14 Do I need to give any Entrance or Screening Test for taking admission to programmes?**

A. No. There is no Entrance or Screening Test. All those who fulfill the eligibility criteria can enroll themselves for the desired programme.

**Q.15 At what point of the year can I take admission to a programme?**

A. The admission to all the programmes shall take place twice in a year June and December. Consequently, your semester would spread over 6 months from the month of commencement of the session. Needless to say, end semester exams too would be scheduled two times in a year.

**Q.16 I have appeared in the qualifying examination prescribed by you but my final result is awaited. Can I take admission in a programme?**

A. Yes. You can get enrolled for a programme subject to the conditions that the result be submitted to the University before the first exam. The admission in such case shall be provisional & shall automatically stand cancelled if you fail to clear the aforesaid qualifying examination with the prescribed percentage. You have to produce a certificate to the same effect from the head of the institution last attended.



## HOW TO APPLY

1. Fill in the application form legibly after carefully reading the prospectus. Indicate the programme you wish to study, in the space provided for the purpose. Remit tuition/programme fee, Registration fee, Exam. Fee at Study centre. All fees must be remitted in one instalment only.
2. **Candidates while sending the application form shall follow the instructions given below:**
  - a. The application shall be submitted to the Study Centre of the University only where they intend to study. No direct form will be accepted by the University.
  - b. Candidates should submit four copies of passport size photographs of which one must be affixed to the application form at the space provided. The other three copies must be put in a separate cover and enclosed to the application form. On the back of each of these photographs the candidate must mention his name, class and serial number of the admission application form and the programme.
  - c. Before remitting the prescribed fees please make sure that you fulfil all the eligibility conditions for admission to the programme applied for. The fee once remitted will not be refunded.
  - d. Admission made to any programme is provisional till the University finally approves it.
  - e. The students shall, whenever they visit the Study centre bring their identity card and fee paid receipt, to be shown on demand.

## IMPORTANT INSTRUCTIONS TO CANDIDATES

- a. See calendar of events for the last date for the payment of examination fee.
  - b. Students will appear for the examination at the Examination Centre allocated to them and not at any other Centre without specific permission.
  - c. Examination Centre once opted shall not be changed. If students wish to change, they have to pay Rs.500/- along with the application form for examination.
  - d. Announcement of Results: Results will be announced on the University website.
  - e. Examination application and the challan can be obtained in the Study Centres/ Academic Partner at free of cost and also can be downloaded from KSOU website.
  - f. Once the fee is paid, it will not be refunded or adjusted for any examination even though a student is absent for a particular examination.
  - g. Students should obtain the admission ticket for the examination from the Study Centre three days before the commencement of the examination. Admission ticket will not be sent to the candidates by post.
  - h. Students can answer examination in English.
  - i. Candidates appearing for the examination for the first time shall pay the prescribed fee for all the papers / courses irrespective of the number of papers / courses they wish to appear.
  - O. Examination Fee (Subject to Change):  
Students can obtain the details of fees by buying the prospectus.
  - P. Certificate:  
The successful candidates can obtain respective certificates after the convocation  
After University's Convocation Notification, candidates who have passed Examination can procure degree certificate by sending prescribed application and challan to the Registrar (Evaluation), KSOU, Mysore. For further information browse University website.  
For procuring provisional certificate, the candidate has to submit an application along with Fee Paid Challan and Xerox marks cards to the **Registrar (Evaluation), KSOU, Mysore.**  
Migration Certificate: For procuring Migration Certificate, the candidate has to furnish no-dues from the Admission Section / Finance Section / Library of KSOU.
- \* Student shall be promoted to the next semester irrespective of number of papers failed.
  - \* The student can enroll for the next semester before the announcement of the result.
  - \* A candidate who fails or remains absent in one or more papers or complete semester will be eligible to reappear.
  - \* The candidates will not be allowed to change their Study Centre in the same city, but in exceptional cases student will have to take NOC from the Study Centre and the University.
  - \* Change of Study Centre in mid session is not allowed under any circumstances.
  - \* Under abnormal condition if the student wants to change the Study Centre outside the city of the present Study Centre then they have to first obtain the No Objection Certificate (NOC) from the existing Study Centre and submit the same along with the re-registration form to the center where they want to join but before doing so they have to first obtain the permission from the University.



## FEES STRUCTURE

Programme	Course	Program/ Tuition Fees	Examination Fees
Engineering	Diploma	10000/-	1000/-
Engineering	B.Tech	12500/-	1300/-
Engineering	M.Tech	15000/-	1800/-
Designing	M.Sc.In Interior/ Fashion Designing	15000/-	700/-
Designing	B.Sc.In (Textile, Interior, Fashion Designing)	7500/-	700/-
Designing	Diploma in Interior & Fashion	7500/-	700/-
IT	MCA/M.Sc.IT	8000/-	1800/-
IT	PGDCA	8000/-	1500/-
IT	BCA/ B.Sc.IT	8000/-	1300/-
Management	BBA	10000/-	1300/-
Management	MBA/Dual MBA	10000/-	1800/-
Management	EMBA	10000/-	1800/-
Traditional Course	B.A./B.Com./BSW	4000/-	1300/-
Traditional Course	M.A./M.Com/MSW	5000/-	1800/-
Traditional Course	MLI.Sc.	10000/-	1800/-
Traditional Course	M.Sc. Mathematics	5000/-	1800/-
Traditional Course	M. Sc. Computer Science	8000/-	1800/-
Traditional Course	M.Sc. Chemistry/ Physics	8000/-	1500/-
Traditional Course	Master of Law (LLM)	8000/-	1800/-
Traditional Course	BLI. Sc.	8000/-	1300/-
Certificate Course	Diploma Fire & Safety	12000/-	1000/-
Certificate Course	Adv. Diploma in Industrial Safty	13000/-	1000/-
Certificate Course	Pharma Management	5000/-	1000/-
Certificate Course	Adv. Diploma in Pharma Management	7500/-	1000/-

