

RSPBITM

(Rays S. P. Bhowal Institute Of Technology & Management)



RAYS SCHOOL OF TECHNOLOGY RAYS SCHOOL OF MANAGEMENT RAYS SCHOOL OF FIRE & SAFETY



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Vice-Chancellor's Message:



Dear Student.

I Welcome you whole heartedly to study the programme you prefer in Karnataka State Open University. Open Distance Learning System (ODL) plays a significant role in promoting the desired growth of higher education. Our Country will be a super 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 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 doorsteps of the students not only in the state of Karnataka but also in the country and abroad. For purpose, KSOU has established regional centres, and network of study centres. Considering the importance of higher education in country, the University offers need-based academic programmers as per the demand of the society. Accessibility, quality, flexibility, and the relevance are the major strengths of KSOU, where as creation, management and dissemination of knowledge are its main goals. In an endeavour to achieve these goals, the University has established 6 regional centres at Bangalore, Davanagere, Dharwad, Gulbarga, Mangalore and Shimoga; 111 UG-study centres and over 600 study centres of professional programmes in different parts of the country. During 2010-2011 thr University has resolved to establish 4 new regional centres at Hassan, Chamarajanagar, Bellary and Tumkur.

The programmes offered by Karnataka State Open University range from the traditional programmes to the professional and technical programmes. Unique programmes include pre-school education, agriculture, theatre, handicraft, information technology, aviation, health science, hospitality management, creative teaching, teacher education, fine arts and other areas of management.

During 2010-2011 the University is launching 9 academic programmes for the benefit of students at large. The University is also authorized by the act to launch the programmes through collaborative arrangements. Presently 57 partner institutions are offering over 250 different programmes both in the country and abroad. The University will also launch MBA-online education during 2010-2011, so that, it will help impart quality education to the management clientele in various part of the world. The content of the academic programmes in the University and partner institutions is designed based on the guidelines of Distance Education Council (DEC) and University Grants Commission (UGS). Well-experienced academicians are involved in the development of course materials and also to conduct face-to-face contact programmes and week-end-counselling programmes. Gyanavani FM channel is also extensively used to disseminate knowledge and information to the students.

During 2009-2010 the student enrolment in the University has crossed 1.00 Lakh. During 2010-2011 the University is expected to enrol over 2.00 Lakh students which is possible through its state-of-the-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 are 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.

I hope, the programme which u have chosen not only enriches your knowledge but also helps in achieving your expected career growth. I hope your studies will illuminate your personality as a whole.

With Best Wishes

Yours sincerely,

Prof. K.S. Rangappa



KSOU: NATIONAL - INTERNATIONAL RECOGNITION

Karnataka State Open University (KSOU) was established on 1^{st} June 1996 with the assent of H.E.Government of Karnataka as a full fledged University in the academic year 1996 vide Government notification no ED 1 UOV 95 dated 12^{th} February 1996 (KSOU Act - 1992). The cat eas 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 established, maintain or recognize Colleges, Regional Centres and Study Centres 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 recognized University of Distance Education Council under the agues 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 University (ACU) London, United Kingdom since 1999. Its member code is ZKASOPENUINI.

Karnataka State Open University is a permanent member of Asian Association of Open University (AAOU), Beijing, China since 1999.

Karnataka State Open University has association with Commonwealth of Learning (COL), Vancouver, Canada since 2003. COL is an intergovernmental organisation created by Commonwealth Heads of Government to encourage the development and sharing of open learning / distance education knowledge, resources and technologies.



RECOGNITION

The Karnataka State Open University has been recognized by the following well – known organisation

- 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 University (AAOU), Beijing, China,
- 5. And also has association with Commonwealth of Learning (COL).

<u>National – International Recognition:</u>

Karnataka State Open University (KSOU) was established on 1st June 1996 with the assent of His Excellency Honourable Governor of Karnataka as a fully 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 system of such systems.

With the virtue of KSOU Act 1992, Karnataka State Open University is empowered to established, maintain or recognize colleges, Regional Centres and Study Centres at such places in Karnataka and may also open outside Karnataka at such places as it deems fit.

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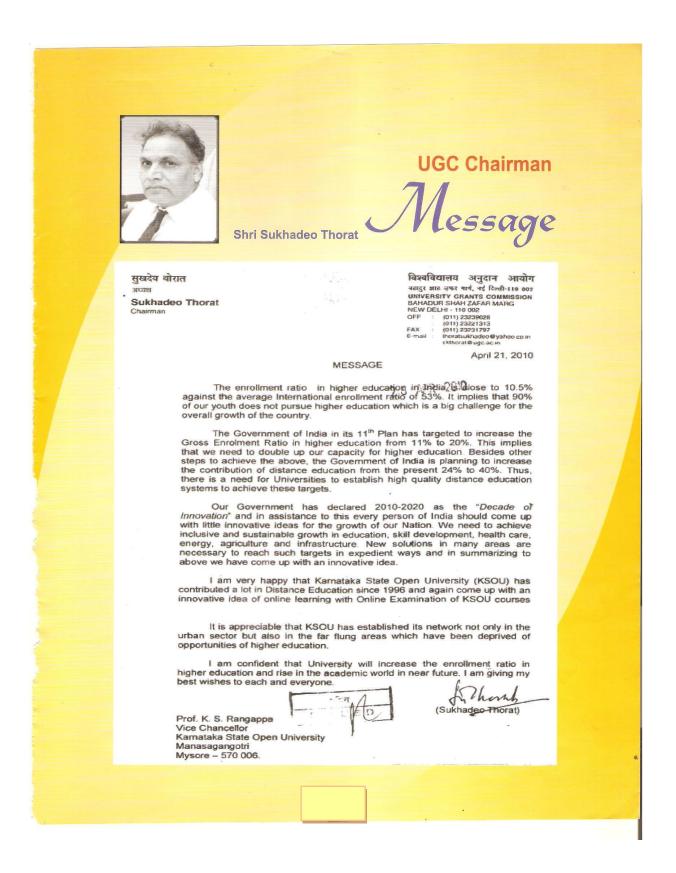
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Karnataka State Open University is a **Permanent member of Asian Association of Commonwealth Universities (AAOU), Beijing, China** since 1999.

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KSOU RECOGNITION



23236351, 23232701, 23237721, 23234110 23235733, 23232317, 23236735, 23239437

UGC Website : www.ugc.ac.in



विश्वविद्यालय अनुदान आयोग बहादुरशाष्ट्र जफर मार्ग नई दिल्ली—110002 University Grants Commission Bahadurshah Zagar Marg New Delhi-110002

Welk Story

No.F.1-52/2000(CPP-II)

The Registrar / Director
Of the Indian Universities
(Central, State, Deemed Universities /
Institutions of National importance

0.2 POR 2004

Subject : Recognition of Degrees awarded by Open Universities.

Sir.

There are a number of Open Universities in the country offering various degrees/diploma through the mode of non-formal education. The Open Universities have been established in the country by an Act of Parliament or State Legislature in accordance with the provisions contained in Section 2(f) of University Grants Commission Act, 1956. These universities are, therefore, empowered to award degrees in terms of Section 22(1) of the UGC Act, 1956.

A circular was earlier issued vide UGC letter N.F.1-8/92(CPP) dated February,1992 mentioning that the Certificate, Diplomas and Degrees awarded by Indira Gandhi National Open University are to be treated equivalent to the corresponding awards of the Universities in the country.

Attention is further invited to UGC circular No.F1-25/93(CPP-II) dated 28th July, 1993 for recognition of degrees and diplomas as well as transfer of credit for courses successfully completed by students between the two types of universities so that the mobility of students from Open University stream to traditional Universities is ensured without any difficulty.

The UGC has specified the nomenclature of degrees under Section 22(3) of the UGC Act, 1956 to ensure mandatory requirements viz. minimum essential academic inputs required for awarding such degrees. The details of Gazette Notification regarding specification of degrees are given in UGC website www.ugc.ac.in

P.T.O.

:: 2 ::

May, I therefore request you to treat the Degrees/Diplomas /Certificates awarded by the Open Universities in conformity with the UGC notification on Specification of Degrees as equivalent to the corresponding awards of the traditional Universities in the country.

Yours faithfully,

(Mrs.) Pankai Mittal)

(Dr.(Mrs.) Pankaj Mittal) Joint Secretary

Copy to:

 The Secretary, Govt. of India, Ministry of Human, Resource Development, Deptt. of Secondary & Higher Education, Shastri Bhawan, New Delhi-110001

 The Secretary, All India Council for Technical Education, I.G. Sports Complex, Indraprastha Estate, New Delhi-110002

 The Secretary, Association of Indian Universities(AIU), 16, Comrade Inderjit Gupta Marg (Kotla), New Delhi-110002 Marg, New Delhi-110002

 The Secretary, National Council for Teacher Education, I.G. Stadium, I.P. Estate, New Delhi-110002

 The Director, Directorate of Distance Education Council, IGNOU Campus, Maidan Garhi, New Delhi-110068

 The Vice-Chancellor, Indira Gandhi National Open University, Maidan Garhi, New Delhi-110068

 The Vice-Chancellor, Dr. B.R. Ambedkar Open University, Road No.46, Jubilee Hills, Hyderabad-500033(AP)

8. The Vice-Chancellor, Nalanda Open University, West Gendhi Maldan, Patna-800001(Bihar)

 The Vice-Chancellor, Dr. Babasahab Ambedkar Open University, Shahibaug, Ahmedabad-380003(Gujarat)

The Vice-Chancellor, Karnataka State Open University, Manasagangotri, Mysore-570006(Karnataka)

 The Vice-Chancellor, Yashwant Rao Chavan Maharashtra Open University, Nashik-422222(Maharashtra)

 The Vice-Chancellor, Kota Open University (Vardhaman Mahaveer Open University), Kota-324010(Raj.)

The Vice-Chancellor, Netaji Subhash Open University, Kolkata-700020(West Bengal)

 The Vice-Chancellor, Madhya Pradesh Bhoj (Open) University, Bhopal-462016(M.P.)
 The Vice-Chancellor, U.P. Rajarshi Tandon Open University, 17, Maharshi Dayanand Marg, (Thornhill Road), Allahabad – 211001

> (C.K. Kapahi) Under Secretary

> ASSOCIATION OF INDIAN UNIVERSITIES ATU HOUSE: 16 KOTLA MARG: NEW DELHI-110 002

> > No. EY/11(80)/99/203935-4172 22 December, 1999

The Registrar Member Universities/Institutes

The following universities have been admitted to the provisional membership of AIU from 1999-2000:

Karnataka State Open University, Mysore Kavikulguru Kalidas Sanskrit University, Ramtek Maharashtra University of Health Sciences, Nashik Rajiv Gandhi Produyogiki Vishwavidyalaya, Bhopal. 11) 111)

(v)

The Association at their JSth/68th Annual Sessions held at the University of Baroda/University of Delhi have adopted the following resolutions on the mutual recognition of degrees awarded by member universities:

RESOLVED that the examinations of one university should be recognised by another on a reciprocal basis, provided that the entrance qualifications, duration of the course and the general standard of attainment are similar to those prescribed by the recognising university.

Further, resolved that in case of degrees awarded by Open Universities, the conditions regarding entrance qualification and duration of course be relaxed provided that the general standard of attainment are similar t those prescribed by the recognising university.

The above resolution is brought to your notice the request that the degrees/diplomas awarded by with the aforesaid universities may kindly be accorded recognition.

You may kindly write to the Registrar of those Universities for any additional information in respect of courses of study etc. if required.

Thanking you.

Yours faithfully,

Chaud (Sampson David) Evaluation Officer

Phone: 3231097, 3232305, 3232429, 3232435, 3233390 Fax: (91)-011-3232131 [-Meil: miul/dek12.vanl.net.in Website: http://www.siuweb.org Telegram: ASIMOU



RECOGNITION OF QUALIFICATIONS FOR EMPLOYMENT

To be Published in Gazette-I Part-I Section-I

Ministry of Human Resource Development (Department of Education)

New Delhi

Dated the 1st March, 1995

NOTIFICATION (44)

On the recommendation of the Board of Assessment for Educational Qualifications, the Government of India has decided that all the qualifications awarded through Distance Education by the Universities established by an Act of Parliament or State Legislature, Institutions Deemed to be Universities under Section 3 of the UGC Act, 1956 and Institutions of National Importance declared under an Act of Parliament stand automatically recognized for the purpose of employment to posts and services under the Central Government, provided it has been approved by Distance Education Council, Indira Gandhi National Open University, K 76, Hauz Khas, New Delhi–110016 and wherever necessary by All India Council for Technical Education, I.G. Sports Complex, I.P. Estate, New Delhi-110002.

No.F.18-15/93-TD.V/TS.IV

(VIJAY BHARAT) DEPUTY EDUCATIONAL ADVISER (T) & SECRETARY BOARD OF ASSESSMENT FOR EDUCATIONAL QUALIFICATIONS

The Manager Government of India Press Faridabad

Copy to:

- All Ministries and Deptts. of Govt. of India
- All State Govts. And Union Territories (Tech. Edu. Deptts.).
- 3.
- All Director of Technical Education.
 Regional Offices of the Ministry of Human Resource Development.
- UPSC with 5 spare copies. 5.
- SSC, CGO Complex, Lodhi Road, New Delhi. 6.
- Association of Indian Universities, 16 Kotla Marg, New Delhi-2.
- 8.
- DPIO (Ministry of HRD).
 All State Public Service Commission. 9.
- All Boards of Apprenticeship Training. 10.
- All concerned Universities/Institutions.





अखिल भारतीय तकनीकी शिक्षा परिषद् ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(भारत सरकार का एक सांविधिक निकाए) (A STATUTORY BODY OF THE GOVT. OF INDIA)

No. F. AICTE/RTI Cell/2007/431

October 4, 2007

Sh. Sohanlal House No. 108D Preet Nagar, Ambala Cantt. Haryana-133001

Sub.: Supply of Information - Under RTI Act, 2005

Sir,

I am to refer to your RTI application dated 19/9/2007 received on 25/9/2007 and to inform you the Degree/Diplomas obtained through Distance mode and approved by DEC does not require AICTE approval.

sd/-

Your's faithfully

Dr. Narender Dev

Dy. Director

Public - Information Officer)





अखिल भारतीय तकनीकी शिक्षा परिषद् ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

F. No.91/RTI/AICTE/2011

Dated: 5th December, 2011

To,

C A Anantha Edu Aid foundation, #48, 1st main, 2nd block, 3rd State, Basaveshwar nagar, Bangaluru-560079.

Subject: Supply of information under RTI Act, 2005.

Sir,

I am to refer to your RTI application dated 03.11.2011 received in this office on 08.11.2011 on the above mentioned subject and to inform you that, It is not mandatory for the Universities/Deemed Universities to seek prior approval of AICTE for starting the Technical Programe/ Course. However, universities have obligation or duty to conform to the standards and norms laid-down by the AICTE and in terms of the observations of the Hon'ble Supreme Court in Bharathidasan case.

In case you are not satisfied with the above information, may prefer an appeal to the Appellate Authority, Director, PC Bureau, All India Council for Technical Education, 7th Floor, Chanderlok Building, Janpath, New Delhi-110001,Phone No. 011-23724176, Fax No. 011-23724170, within 30 days on receipt of reply/decision.

Yours faithfully,

(M.S. Ghuge)

Assistant Director & CPIO

7वाँ तल, चन्द्रलोक भवन, जनपथ, नई दिल्ली -110001 7th Floor, Chanderlok Building, Janpath, New Delhi-110 001 Ph.: 011-23724151 - 57, Website: www.aicte-india.org



इन्दिरा गांधी राष्ट्रीय मुक्त विश्वविद्यालय INDIRA GANDHI NATIONAL OPEN UNIVERSITY

मैदाम गढी, नई विल्ली-110068, भारत MAIDAN GARHI, NEW DELHI-110068. INDIA

: (0) 91-11-29535923 32, 29533340 (0)

टेलीपीयस TELEFAX: 91-11-29536668

ई-मेस E-mail : basuswaraj@hotmail.com वेबसाईट WEBSITE : www.ignon.ac.in/a-www.dirt.ac.in

प्रो० स्वराज बसु निवेशक

Prof. Swaraj Basu

Director

7833

F.No. DEC/OU/Redog/2008 Date: 8.94.2008

दूरस्थ शिक्षा परिषद

DISTANCE EDUCATION COUNCIL

Sub: Recognition by the Distance Education Council to State Open Universities

Dear Reals. Rom,

This has reference to the meeting of Vice-Chancellors of State Open Universities held on 22.08.2007 and 29.02.2008-1.03.2008 in which request was made by the Vice Chancellors of SOUs to the Chairman, DEC for consideration of regular approval to be given to the SOUs. The Chairman, DEC has considered the representations and accorded recognition to your university for offering programmes/courses approved by the statutory bodies/authorities of your university for a period of five years wielf, the date of issue of this

Further, we would also like to inform that, it is the responsibility of the university to follow the norms prescribed by the concerned regulatory bodies or seek their recognition for professional/technical programme/s as per the requirements. Getting approval of concerned statutory apex body for relevant programme/s will be the sole responsibility of the university.

With regards,

Prof. B A Viveka Rai Karnataka State Open University Manasagangotri, Mysore - 570006. Karnataka, India

> राष्ट्रीय अध्यापक शिक्षा परिषद F. 561772003-NCTE(N&S) & संस्थान)



National Council for Teacher Education

(A Statutory Body of the Government of India)

To

The Deputy Director Babasaheb Ambedkar Institute of Technology and Management, Plot 13, Bodhella, C-Block, Vikaspuri, New Delhi-110018

Subject: Clarification regarding recruitment qualification of lecturer in education

With reference to your letter No.0201/NTC/Q/BSAITM/19 dated 19th December, 2003 on the subject mentioned above, it is informed that the National Council for Teacher Education has laid down norms and standards for various teacher education courses which contain, inter alia, the qualifications for appointment to the post of lecturer for such programmes. For the post of lecturer in elementary teacher education institutions one of the qualifications is good academic record with M.A.(Education) with 55% marks, preferably with specialisation in elementary education.

For the post of lecturer for B.Ed. and M.Ed. programmes, the following are the

"Good academic record with M.Ed./M.A.(Education) with 55% marks.

Or

Good academic record with Master's Degree with 55% marks in the relevant school subject and M.Ed./M.A.(Education) with 50% marks."

Apart from the above qualification, the candidate is required to have such other qualifications as may be prescribed by other regulatory bodies like the University Grants Commission etc.

Yours faithfully, M. Zantan.

(Dr. Meena Gautam) Deputy Secretary

इदिश गौँधी इन्डोर स्टेडियम, आई पी इस्टेट, नई दिल्ली - 110002 INDIRA GANDHI INDOOR STADIUM, I.P ESTATE, NEW DELHI - 110002 ETHIR / Ph. 3392671 / 3392673 / 3392663 Fax: 3392672



ABOUT RSPBITM

RAYS S.P.BHOWAL INSTITUTE OF TECHNOLOGY AND MANAGEMENT (RSPBITM) is an authorized study center of KARNATAKA STATE OPEN UNIVERSTY (KSOU) and also the examination center of the University. For working professionals it is tough to continue the higher study, due to work load, but Karnataka State Open University set the program such a manner that it is very much convenient to the working professionals to continue further education in a very easy manner not only in conventional education but also in the technical and professional education. We also welcome the regular students those are also interested to continue their study in university's Face to Face mode program. For the Working Peoples, those are interested for vertical improvement in their professional career, this an opportunity to continue or start their higher study without interrupting their professional career. Right now RSPBITM is offering DIPLOMA ENGINEERING; B-TECH; M-TECH; MBA; EXECUTIVE MBA (1 year); BACHELOR & MASTER DEGREE IN LIBRARY SCIENCE, DIPLOMA and CERTIFICATE COURSES IN FIRE &SAFETY MANAGEMENT, and SAFETY MANAGEMENT and other different conventional and professional courses.

Students will get study materials of the university in their respective stream and institute will provide evening and weekend classes for their papers by highly respected lecturers. They will focus all the energies on academic and all round personal growth. At the RAYS S.P BHOWAL INSTITUTE OF TECHNOLOGY AND MANAGEMENT (RSPBITM), we set high aspirations and create confidence. We wish you all success and fruitful career.

SALIENT FEATURES OF OUR INSTITUTE:

- Huge Library
- Comfortable Classroom
- Computer Lab
- Experienced Faculties



RSPBITM ACADEMIC BODY

President:

Manjushree Majumder (Ex. Headmistress & renowned social work)

Secretary:

Indrajit Dhar (Institute Head, RSPBITM)

Joint Secretary:

Suman Chattopadhyay (Partner, Rays Group)

Rabindranath Das

Members of the Body:

Rajdeep Palit (Partner, Rays Group)

Ranadeb Bhattacharya (Renowned social work)

Honorary Members of the Body:

Biplob Bhowal (MD, Publishing house-Book Syndicate)

Hitendu Bhattacharya (MD, Publishing house- Oriental Book House)



RSPBITM APPROVAL





No.KSOU/DEAN (SC)/P.I.18/2011-12.

Date: 02-07-2011

To

Dr. J. Dasgupta BABA SAHEB AMBEDKAR INSITUTE OF TECHNOLOGY AND MANAGEMENT Plot No. 13, Bodhella, Vikaspuri, New Delhi-110 018.

MANASAGANGOTRI,

Sir,

Subject: Provisional approval of Study Centres. Reference: (1) Your letter dated: 25-06-2011

(2) Vice-Chancellor's approval dated:27-06-2011

Pursuant to the approval of Hon'ble Vice-Chancellor, dated: 27-06-2011 the following Study Centres Provisionally approved for Five years only or expiry of Academic Collaborative Institution MOU, whichever is earlier. Pending Approval of Study Centres Sanction and Recognition Committee.

Study Centres Sanction for the courses: As per the MOU signed in the University.

Sr. No	Name and Address of the Study Centre
1	BALAJI INSTITUTE OF MANAGEMENT & TECHNOLOGY Near NRI Plaza, Insrapuri, Patna - 24, Bihar
2	R.P. PARAMEDICAL COLLEGE AND HOSPITAL Magadh Clinic, TanwadaRoad, Nabi Nagar, Distt. Aurangabad, Bihar, PIN 824301
3	ASSAM INSTITUTE OF BUSINESS MANAGEMENT Village - Bhitorsuti, PO Kalia Bhomora, PS Tezpur, Mouza Bhairabpad, Distt. Sonitpur, Assam 784002
4	INDIAN INSTITUTE OF MEDICAL REPRESENTATIVE D 354, Vikas Marg, Opposite Laxmi Nagar Metro Station, Delhi 110092
5	AMBEDKAR INSTITUTE OF HEALTH EDUCATION Power House Road, Binodpur, Distt. Katihar, Bihar - 854105
6	RAYS S.P. BHOWAL INSTITUTE OF TECHNOLOGY & MANAGEMENT Raj Mohan Karanjai Smriti Bhaban, MB Road, Sibachal, Birati, Kolkata - 700051
7	PML INSTITUTE OF HIGHER EDUCATION 537, Sector 9, Pocket 2, Dwarka, New Delhi 110077
8	OXFORD SCHOOL WELFARE SOCIETY PO Mugma, Distt Dhanbad, Jharkhand - 828204
9	SHRI SHYAM BABA INSTITUTE 1082/25, Chinot Colony, Circular Road, Opposite ITI Rohtak, Rohtak, Haryana, 12400
10	BAHUUDDESHIY GRAMIN VIDYAPEETH Goving Nagar, Paregaon Road, Yeola, Distt. Nashik, Maharashtra - 423401
11	PANURGIC CONSULTANCY SERVICES PVT. LTD. Office No. 41~42, BG Corner, Nigdi, Pune - 44
12	CTC GROUP OF INSTITUTIONS 4th Floor, Silver Plaza Building, Mavoor Road, Kozhikode - 4 (Kerala)





Mensagenyotti, MYSOR 1. P.S. to Vice Chancellor, KSOU, Manasagangotri, Mysore-06,

2. P.A. to Registrar, KSOU, Manasagangotri, Mysore-06,

3. Finance Officer, KSOU, Manasagangotri, Mysore-06,

Dean(Academic), KSOU, Manasagangotri, Mysore-06, Registrar (Evaluation), KSOU, Manasagangotri, Mysore-06,

Deputy Registrar (Admissions), KSOU, Manasagangothri, Mysore-06,

7. Office copy.



Dean (Study Centres) ((23)

ACADEMIC SYSTEM

Karnataka State Open University has developed the following set 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 examination).

Examination Centres:

Depending upon the quality, performance and the number of students enrolled, the university will identify the Examination centres from among the study centres. In addition to these Examination Centres, the University conducts examination in other Institutions also which will be notified in the examination fee circular, time table etc. If any changes are made regarding examination centres, the same will be updated on the KSOU website. Supplementary examinations will have lesser number of examination centres depending on the strength of the students.

Minimum Marks required for a Passing:

No Candidate shall be declared to have passed in any course unless he/ she obtains 35% in the aggregate of term-end examination and internal assessment put together for all the subjects.

Course Exemption:

Exemption is granted in course in which a minimum of 35% is secured

Classification of Successful Candidates:

University will declare the grade of successful candidates on basis of the marks obtained by the candidates both in Grade and class.



Grading System for the programs:

The following table shows the grading of successful candidates

Grade	Qualitative Level Grade	Points	Percentage (%)
Α	Excellent	5	80 % above
В	Very Good	4	60 - 79.9 %
С	Good	3	50 – 59.9 %
D	Satisfactory	2	40 – 49.9 %
E	Fails	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 %	

Re-totalling of Answer scripts:

The University will send the marks card to the candidate through registered post after announcing the examination results on the Karnataka State Open University website. Candidates have provision to apply for re-totalling, within 30 days from the date of dispatch of marks card from the University. In this regards, 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 fulfil the following conditions:

- a. They should have paid the programme/ tution 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 Umniversity

Examination Time-table:

Scudule 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 log on to the University site No individual intimation will be sent to the student regarding Examination Time-Table.



Lateral Entry / Exemption / Credit System

<u>Lateral Entry / Exemption</u>:

1. Students who have passed Diploma in any branch of Engineering from State / central Govt. Recognised Technical Board / Institution / University or Three Year B.Sc. in any stream with subject as Mathematics shall be allowed direct admission in 2nd year i.e. (III semester) of B.Tech. Such candidate may also change their branch of study at B. Tech level.

- 2. 12th Technical or I.T.I or N.C.V.T (should be 2 Years) or equivalent can join any branch in the 2nd year (III semester) of Diploma irrespective of their trade.
- 3. BCA/B. Sc (IT/CS/ET), B. E in (IT/CS/ET), B. TECH in (IT/CS/EXC) or equivalent can directly join for MCA 2nd Year.
- 4. Exemptions may be granted in paper(s) or semester(s) depending on the subject (s) cleared by the candidate by actually passing of the subject(s) and successfully completing the exam, which include those subjects from the recognized Institution / colleges / University. Exemptions if eligible are not to be taken for 'granted' but must be asked for while submitting the Registration and Exam form along with the attested copies of relevant certificates, mark sheets and exemption fee. Exemptions granted will be shown only in the mark list of the examination sent to the candidate. No separate individual intimation will be given.
- 5. The student who is doing similar courses from a recognized University / Board of Education/ Institution will be allowed to join the next semester for the same course but in such case the student shall be appearing for the papers which were not covered in the previous semester but the student has to study at least for 2 years in the University for the award of certificate.

Credit System:

KSOU follows a credit system under face to face mode that is based on the time factor involved in studying. One credit is equivalent to 30 study hours inclusive of all learning activities. Different programmes have different credit requirements. Students have the right to collect credits at their own pace, convenience and according to their own capability. KSOU also provides a credit transfer facility whereby credits may be transferred from any other University to KSOU after fulfilling the necessary requirements.



RAYS SCHOOL OF TECHNOLOGY

Rays school of technology is a part of Rays S.P.Bhowal Institute of Technology and Management and conducting the engineering and technology courses of the university. Diploma Engineering, Bachelor of technology (B-Tech) and master of technology (M-Tech) are the courses runs under the banner Rays school of technology. In diploma engineering segment the institute runs 6 different streams Automobile, civil, Computer science, electrical, Electronics and communication and mechanical Engineering. In Degree Engineering (B-Tech) five following branches are offered Civil Engineering, Computer science, electrical, electronics and communication and mechanical Engineering And in master of Technology (M-Tech)The Branches are Civil, Electrical, Electronics and Communication, Computer science and Mechanical Engineering.

Rays school of technology is emphasizing the higher education for the employed people and providing evening and weekend classes for the students. The ambience of the institute is very much student friendly and all the faculties are guiding the students to learn the subjects and understand the technology in a best possible way however the institute keeps the options of choosing the mode of study in two different modes e.g. with class mode and without class mode, Even students can select individual paper wise class option if they feel special class on any specific paper. Institute arranges practical classes for the students from AICTE approved Institutions.

Rays school of technology is well equipped to promote the higher education to the working professionals with all its knowledge and technological support and will provide a complete support to achieve the desired goal of higher education.



Courses offered by RAYS SCHOOL OF TECHNOLOGY (RST)

S.	Course	Eligibility	Duration	Exam.
No.				Mode
1	Diploma in Electronics &	10 th /ITI/12 th (PCME)	Three Years	Semester
	Communication Engineering	+h +h		
2	Diploma in Computer Science &	10 th /ITI/12 th (PCME)	Three Years	Semester
	Engineering	+h +h		
3	Diploma in Electrical Engineering	10 th /ITI/12 th (PCME)	Three years	Semester
4	Diploma in Mechanical	10 th /ITI/12 th (PCME)	Three Years	Semester
	Engineering			
5	Diploma in Automobile	10 th /ITI/12 th (PCME)	Three Years	Semester
	Engineering			
6	Diploma in Civil Engineering	10 th /ITI/12 th (PCME)	Three Years	Semester
7	Bachelor of Technology in Civil	10 + 2	Four Years	Semester
	Engineering	(PCM)/Diploma/B.Sc		
8	Bachelor of Technology in	10 + 2	Four Years	Semester
	Electrical Engineering	(PCM)/Diploma/B.Sc		
9	Bachelor of Technology in	10 + 2	Four Years	Semester
	Electronics &	(PCM)/Diploma/B.Sc		
	Telecommunication Engineering			
10	Bachelor of Technology in	10 + 2	Four Years	Semester
	Computer Science Engineering	(PCM)/Diploma/B.Sc		
11	Bachelor of Technology in	10 + 2	Four Years	Semester
	Mechanical Engineering	(PCM)/Diploma/B.Sc		
12	Master of Technology in Civil	B.E / B.Tech	Two Years	Semester
	Engineering (M. Tech. Civil)	·		
13	Master of Technology in	B.E / B.Tech	Two Years	Semester
	Electrical Engineering (M. Tech.	·		
	Electrical)			
14	Master of Technology in	B.E / B.Tech	Two Years	Semester
	Electronics & Telecommunication	,		
	Engineering			
15	Master of Technology in	B.E / B.Tech	Two Years	Semester
	Computer Science & Engineering			
16	Master of Technology in	B.E / B.Tech	Two Years	Semester
	Mechanical Engineering	·		



PROGRAMME STRUCTURE

Diploma in Electronics & Communication Engineering

<u>1st Semester</u> <u>2nd Semester</u>

Code	Course Title	Code	Course title
DE 101	Communication English	DE 201	Applied Mathematics 1I
DE 102	Applied Mathematics-1	DE 202	Engineering Physics-II
DE 103	Engineering Physics-I	DE 203	Engineering Chemistry-II
DE 104	Engineering Chemistry-I	DE 204	Engineering Graphics
DE 105-L	Computer Application Lab	DE 205-L	Physics Lab
DE 106-L	Workshop Practical Lab	DE 206-L	Chemistry Lab

3rd Semester 4th Semester

Code	Course Title	Code	Course Title
DEX 301	Electrical Circuits and	DEX 401	Linear and Digital ICs
	Instrumentation		
DEX 302	Electronics Devices	DEX 402	Computer Hardware and Networking
DEX 303	C Programme	DEX 403	Industrial Electronics
DEX 304	Microprocessor	DEX 404	Object Oriented Programme
DEX 305-L	Electronic Devices lab	DEX 405-L	IC Lab
DEX 306-L	Electrical Circuits and	DEX 406-L	Industrial Electronics Lab
	Instrumentation Lab		

<u>5th Semester</u> <u>6th Semester</u>

Code	Course Title	Code	Course Title
DEX 501	VLSI	DEX 601	Embedded System
DEX 502	Microcontrollers	DEX 602	Communication Engineering-II
DEX 503	Communication Engineering-I	DEX 603	Television Engineering
DEX 504	Robotics	DEX 604-L	Embedded System Lab
DEX 505-L	VLSI Lab	DEX 605	Project
DEX 506-L	Communication Engineering-I		
	lab		

Diploma in Computer Science & Engineering

1st Semester

Code	Course Title	Code	Course Title
DE 101	Communication English	DE 102	Applied Mathematics-I
DE 103	Engineering Physics-I	DE 104	Engineering Chemistry-I
DE 105-L	Computer Application Lab	DE 106-L	Workshop Practice lab



2nd Semester

Code	Course Title	Code	Course Title
DE 201	Applied mathematics-1I	DCS 301	Operating System
DE 202	Engineering Physics-II	DCS 302	C and Data Structures
DE 203	Engineering Chemistry-II	DCS 303	Basics of Electrical and Electronics
			Engineering
DE 204	Engineering Graphics	DCS 304	Microprocessor
DE 205-L	Physics Lab	DCS 305-L	C and Data Structure Lab
DE 206-L	Chemistry Lab	DCS 306-L	Basics of Electrical and Electronics
			Engineering Lab

3rd Semester

4th Semester 5th Semester

Code	Course Title	Code	Course Title
DCS 401	Computer Architecture	DCS 501	Computer Network
DCS 402	Web Design	DCS 502	Relation Database Management
			System
DCS 403	Java Programme	DCS 503	Dot Net
DCS 404	Software Engineering	DCS 504	Embedded Systems
DCS 405-L	Java Programme Lab	DCS 505-L	Network Lab
DCS 406-L	Web Design Lab	DCS 506-L	Dot Net Lab

6th Semester

Code	Course Title	Code	Course Title
DCS 601	Computer Hardware and Servicing	DCS 602	Mobile Computing
DCS 603	Multimedia	DCS 604-L	Computer Hardware and Servicing
DCS 605	Project		

Diploma in Electrical Engineering

2nd Semester $\underline{\textbf{1}^{\text{st}} \, semester}$

Code	Course Title	Code	Course Title
DE 101	Communication English	DE 201	Applied Mathematics-1I
DE 102	Applied Mathematics-1	DE 202	Engineering Physics-II
DE 103	Engineering Physics-I	DE 203	Engineering Chemistry-II
DE 104	Engineering Chemistry-I	DE 204	Engineering Graphics
DE 105-L	Computer Application Lab	DE 205-L	Physics Lab
DE 106-L	Workshop practice Lab	DE 206-L	Chemistry Lab

3rd Semester 4th Semester

Code	Course Title	Code	Course Title
DEE 301	Circuit Theory	DEE 401	Linear and Digital ICs
DEE 302	Electronic Devices	DEE 402	Computer Hardware and
			Networking
DEE 303	Electrical machines-I	DEE 403	Electrical Machines-II
DEE 304	Engineering Mechanics	DEE 404	Measurements and Instrument
DEE 305-L	Electronic Devices lab	DEE 405-L	IC Lab
DEE 306-L	Electrical Mechanics-I Lab	DEE 406-L	Electrical Machines-II Lab



5th semester

Code	Course Title	Code	Course Title
DEE 501	Power system I	DEE 601	Power System II
DEE 502	Microprocessor and	DEE 602	Power Electronics
	Microcontrollers		
DEE 503	Electrical Machine Design	DEE 603	Electrical Estimation
DEE 504	Control of Electrical Machines	DEE 604-L	Power Electronics Lab
DEE 505-L	Control of Electrical Machines lab	DEE 605	Project
DEE 506-L	Microcontrollers Lab		

6th semester

Diploma in Mechanical Engineering

2nd Semester <u>1st Semester</u>

Code	Course Title	Code	Course Title
DE 101	Communication English	DE 201	Applied mathematics-1I
DE 102	Applied Mathematics-1	DE 202	Engineering Physics-II
DE 103	Engineering Physics-I	DE 203	Engineering Chemistry-II
DE 104	Engineering Chemistry-I	DE 204	Engineering Graphics
DE 105-L	Computer Application Lab	DE 205-L	Physics Lab
DE 106-L	Workshop Practice Lab	DE 206-L	Chemistry Lab

3rd Semester 4th Semester

Code	Course Title	Code	Course Title
DME 301	Engineering Mechanics	DME 401	Thermodynamics
DME 302	Manufacturing Technology-I	DME 402	Manufacturing Technology-II
DME 303	Fluid Mechanics	DME 403	Electrical and Electronics
			Engineering
DME 304	Machine Drawing	DME 404	Refrigeration & Air conditioning
DME 305-L	Engineering Mechanics Lab	DME405-L	Thermodynamics Lab
DME 306-L	Workshop-I Lab	DME406-L	Workshop-II Lab

5th semester 6th Semester

Code	Course Title	Code	Course Title
DME 501	Design of Machine Elements	DME 601	Industrial Engineering and
			Management
DME 502	Thermal Engineering	DME 602	CAD/CAM
DME 503	Metrology	DME 603	Automobile Technology
DME 504	Mechatronics	DME604-L	CAD/CAM Lab
DME 505-L	Metrology Lab	DME 605	Project
DME 506-L	Workshop-III Lab		

Diploma in Automobile engineering

1st Semester

Code	Course Title	Code	Course Title
DE 101	Communication English	DE 102	Applied Mathematics-1
DE 103	Engineering Physics-I	DE 104	Engineering Chemistry-I
DE 105-L	Computer Application Lab	DE 106-L	Workshop Practice Lab



<u>2nd Semester</u> <u>3rd Semester</u>

Code	Course Title	Code	Course Title
DE 201	Applied Mathematics-II	DAE 301	Engineering Mechanics
DE 202	Engineering Physics-II	DAE 302	Manufacturing Technology-I
DE 203	Engineering Chemistry-II	DAE 303	Fluid Mechanics
DE 204	Engineering Graphics	DAE 304	Machine Drawing
DE 205-L	Physics Lab	DAE 305-L	Engineering Mechanics Lab
DE 206-L	Chemistry Lab	DAE 306-L	Workshop-I Lab

4th Semester 5th Semester

Code	Course Title	Code	Course Title
DAE 401	Thermodynamics	DAE 501	Automobile Transmission
DAE 402	Manufacturing Technology-II	DAE 502	Vehicle Body Technology
DAE 403	Automobile Electrical and	DAE 503	Two & Three Wheelers Technology
	Electronics		
DAE 404	Automobile Chassis	DAE 504	Tractor and Farm Equipment
DAE 405-L	Automobile Electrical and	DAE 505-L	Automobile Chassis and
	Electronics lab		Transmission
DAE 406-L	Workshop-II Lab	DAE 506-L	Automobile Workshop

6th Semester

Code	Course Title	Code	Course Title
DAE 601	Industrial Engineering and Road	DAE 602	CAD/CAM
	Transport		
DAE 603	Automotive maintenance and	DAE 604-L	CAD/CAM Lab
	Pollution Control		
DAE 605	Project		

Diploma in Civil Engineering

<u>1st Semester</u> <u>2nd Semester</u>

Code	Course Title	Code	Course Title
DE 101	Communication English	DE 201	Applied Mathematics-1I
DE 102	Applied Mathematics-1	DE 202	Engineering physics-II
DE 103	Engineering Physics-I	DE 203	Engineering Chemistry-II
DE 104	Engineering Chemistry-I	DE 204	Engineering Graphics
DE 105-L	Computer Application Lab	DE 205-L	Physics Lab
DE 106-L	Workshop Practice Lab	DE 206-L	Chemistry Lab

<u>3rd Semester</u> <u>4th Semester</u>

Code	Course Title	Code	Course Title
DCE 301	Engineering Mechanics	DCE 401	Theory of Structures
DCE 302	Construction Material	DCE 402	Transportation Engineering
DCE 303	Surveying	DCE 403	Interior Design
DCE 304	Civil Engineering Drawing	DCE 404	Water Resources Management
DCE305L	Surveying Lab-I	DCE 405-L	CAD in Civil Engineering Lab-II
DCE306L	Engineering Mechanics Lab	DCE 406-L	Surveying Lab-II



5th Semester 6th Semester

Code	Course Title	Code	Course Title
DCE 501	Structural Engineering	DCE 601	Construction Management
DCE 502	Quantity Surveying	DCE 602	Hydraulics
DCE 503	Concrete Technology and	DCE 603	Town Planning
	Construction		
DCE 504	Environmental Engineering	DCE 604-L	Computer Application in Civil
			Engineering Lab
DCE505L	CAD in Civil Engineering Lab-II	DCE 605	Project
DCE506L	Construction Lab		

Bachelor of Technology in Civil Engineering

2nd Semester 1st Semester

Code	Course Title	Code	Course Title
BF1	Mathematics I	BF7	Mathematics II
BF2	Chemistry	BF8	Applied Physics
BF3	English-I	BF9	Fundamental of Computer
BF4	Electrical For Communication	BF10	Basic Electronics
BF5	Electrical Technology	BF11	Engineering Drawing and Graphics
BF6	Mechanics	BF8P	Applied Physics Practical
BF2P	Introduction to Manufacturing	BF10P	Basic Electronics Practical
BF4P	Electrical Technology Practical	BF12	Communicative English
BF5	Indian Constitution Ethics	BF13	Environment Studies

4th Semester 3rd Semester

Code	Course Title	Code	Course Title
BCE 301	Mathematics III	BCE 401	Society, Environment & Engineering
BCE 302	Water and Waste Water Engg	BCE 402	Building Construction
BCE 303	Hydraulics	BCE 403	Structural Analysis
BCE304	Surveying 1	BCE 404	Advanced Surveying
BCE 305	Transportation Engineering	BCE 405	Solid Mechanics
BCE303P	Hydraulics Practical	BCE 403P	Structural Analysis Practical
BCE305P	Transportation Engg. Practical	BCE 404P	Advanced Surveying Practical

6th Semester 5th Semester

Code	Course Title	Code	Course Title
BCE 501	Design of RC Structure	BCE 601	Design of Steel Structures
BCE 502	Foundation Engineering	BCE 602	Advanced Structural Analysis
BCE 503	River Engineering	BCE 603	Environmental Engineering
BCE 504	Hydropower Engineering	BCE 604	Advanced Foundation Engineering
BCE 505	Operation Research	BCE 605	Industrial Economics &
			Management
BCE 501P	Design of RC Structures	BCE 602P	Design of steel Structure Practical
	Practical		
BCE 502P	Foundation Engg. Practical	BCE 604P	Advanced Structural Analysis
			Practical



7th Semester

8th Semester

Code	Course Title	Code	Course Title
BCE 701	Irrigation Engineering	BCE 801	Structural Dynamic
BCE 702	Pressed Concert management	BCE 802	Construction and Planning
BCE 703	Quantity Surveying &contract	BCE 803	Planning and Design of Airport
	& tender		
BCE 704	Finite element method		
	Engineering		
BCE 705	Elective		
BCE 701P	Irrigation Engineering		
	Practical		
BCE 702P	Pressed concert Practical		

Elective:

Code	Subject:
BECSS-I	Water Resources System & Planning
BECSS-II	Valuation of Real Property
BECSS-III	Design of Industrial Structure & Bridges
BECSS-IV	Highway Maintenance & Management System

Bachelor of technology in Electrical Engineering

1st Semester

2nd Semester

Code	Course Title	Code	Course Title
BF1	Mathematics I	BF7	Mathematics II
BF2	Chemistry	BF8	Applied Physics
BF3	English-I	BF9	Fundamentals of Computers
BF4	Electrical Technology	BF10	Basic Electronics
BF5	Mechanics	BF11	Engineering Drawing & Graphics
BF6	Introduction to Manufacturing	BF8P	Applied physics Practical
BF2P	Chemistry Practical	BF10P	Basic Electronics Practical
BF4P	Electrical Technology Practical	BF12	Communicative English
BF5	Indian Constitutional Ethics	BF13	Environment Studies

3rd Semester

4[™] Semester

Code	Course Title	Code	Course Title
BEE 301	Mathematics III	BEE 401	Society, Environment & Engg.
BEE 302	Signals & Networks	BEE 402	Electronics Device & Circuits
BEE 303	Thermodynamics	BEE 403	Analog Electronics Circuits
BEE 304	Digital Electronics	BEE 404	Electromagnetic Engineering
BEE 305	Electrical Machines	BEE 405	Electrical Measurement – I
BEE 302P	Signals & Networks Practical	BEE403P	Analog Electronic Circuits
			Practical
BEE303P	Thermodynamics Practical	BEE 405P	Electrical Measurement-I
			Practical



<u>5th Semester</u> <u>6th Semester</u>

Code	Course Title	Code	Course Title
BEE 501	Computer Organisation	BEE 601	Power Electronic & Device
BEE 502	Control System	BEE 602	Digital Signal Processing
BEE 503	Power Systems	BEE 603	Microprocessor
BEE 504	Electrical Measurement – II	BEE 604	Advance Power System & Design
BEE 505	Advanced Electrical Machine	BEE 605	Industrial Economics & Management
BEE 502P	Control System Practical	BEE 601P	Power Electronics & Device Practical
BEE 505P	Advanced Electrical Machine	BEE 602P	Digital Signal Processing Practical
	Practical		

7th Semester 8th Semester

Code	Course Title	Code	Course Title
BEE 701	Switcher & Protection	BEE 801	Machine Drives
BEE 702	Utilization of Electrical Power	BEE 802	Design & Estimation of Electrical
			System
BEE 703	Communication Engineering	BEE 803	Electrical Machine Design
BEE 704	Electronics Instrumentation	BEE 804	Project
BEE 705	Elective-I	BEE 805P	Machine Drives Practical
BEE 701P	Switcher & Protection Practical		
BEE 702P	Utilization of Electrical Power		
	Practical		

Elective:

Code	Subjects	
BEES-I	EHV- Transmission	
BEES-II	Electrical power System Reliability	
BEE5-III Illumination Engineering		
BEE5-IV	E5-IV High Voltage Engineering	

Bachelor of Technology in Electronics & Telecommunication Engineering

<u>1st Semester</u> <u>2nd Semester</u>

Code	Course Title	Code	Course Title
BF1	Mathematics I	BF7	Mathematics II
BF2	Chemistry	BF 8	Applied Physics
BF3	English I	BF 9	Fundamental of Computers
BF4	Electrical Technology	BF10	Basic Electronics
BF5	Mechanics	BF11	Engineering Drawing and Graphics
BF6	Introduction to manufacturing	BF8P	Applied Physics Practical
BF2P	Chemistry practical	BF10P	Basic Electronics Practical
BF4P	Electrical Technology Practical	BF12	Communicative English
BF5P	Indian Constitutional Ethics	BF13	Environment Studies

<u>3rd Semester</u> <u>4th Semester</u>

Code	Course Title	Code	Course Title
BEX 301	Mathematics III	BEX 401	Society, Environment & Engineering
BEX 302	Signals & Networks	BEX 402`	Electronic Devices & circuit



BEX 303	Principles of Programming	BEX 403	Analog Electronics Circuit
BEX 304	Digital Electronics	BEX 404	Electromagnetic Engineering
BEX 305	Electrical Machines	BEX 405	Electrical Measurement 1
BEX302P	Signals & Network Practical	BEX 403P	Analog Electronics Circuits Practical
BEX303P	Digital Electronics Practical	BEX 405P	Electrical Measurement Practical

5th Semester 6th Semester

Code	Course Title	Code	Course Title
BEX 501	Computer Organisation	BEX 601	Power Electronics & Devices
BEX 502	Control System	BEX 602	Digital signal Processing
BEX 503	Digital Communication	BEX 603	Micro Processor
BEX 504	Semiconductor Devices	BEX 604	Telecommunication Switching
			&Signal
BEX 505	Digital Image Processing	BEX 605	Industrial Economics & Management
BEX502P	Control System Practical	BEX 601P	Power Electronics & Devices Practical
BEX504P	Semiconductor Devices Practical	BEX602P	Digital Signal Processing Practical

8th Semester 7th Semester

Code	Course Title	Code	Course Title
BEX 701	Mobile Communication System	BEX 801	VLSI-Technology & Process Modeling
BEX 702	RF & Microwave Engineering	BEX 802	Satellite Communication
BEX 703	Micro Electronics	BEX 803	Semi Conductor Devices & Modeling
BEX 704	Computer Communication		
	Network		
BEX 705	Elective		
BEX701P	Mobile Communication System		
	Practical		
BEX702P	RF & Microwave Engineering		
	Practical		

Elective:

Code	Subjects
BEET5-I	Digital voiced & Picture Communication
BEET5-II	Radar System
BEET5-III	Optical Electronics & fiber optics Communication

Bachelor of Technology in Computer Science & Engineering

2nd Semester 1st Semester

Code	Course Title	Code	Course Title
BF1	Mathematics I	BF7	Mathematics II
BF2	Chemistry	BF8	Applied Physics
BF3	English-I	BF9	Fundamental of Computers
BF4	Electrical For Communication	BF10	Basic Electronics
BF5	Electrical Technology	BF11	Engineering Drawing and Graphics
BF6	Mechanics	BF8P	Applied physics Practical
BF2P	Introduction to Manufacturing	BF10P	Basic Electronics Practical
BF4P	Electrical Technology Practical	BF12	Communicative English
BF5	Indian Constitutional Ethics	BF13	Environmental Studies



<u>3rd Semester</u> <u>4th Semester</u>

Code	Course Title	Code	Course Title
BCS 301	Mathematics III	BCS 401	Society, Environment & Engineering
BCS 302	Signals & Networks	BCS 402`	Electronic Devices & circuit
BCS 303	Switching Circuits & Logic Design	BCS 403	Discrete Structure
BCS 304	Digital Electronics	BCS 404	Analog Electronics Circuits
BCS 305	Electrical Machines	BCS 405	Object Oriented Programming
BCS302P	Signals & Network Practical	BCS 403P	Analog Electronics Circuits Practical
BCS303P	Switching Circuits & Logic Design	BCS 405P	Object Oriented Programming
	Practical		Practical

<u>5th Semester</u> <u>6th semester</u>

Code	Course Title	Code	Course Title
BCS 501	Operating System	BCS 601	Computer Network
BCS 502	Database Management System	BCS 602	Theory of Computation
BCS 503	Computer Graphics	BCS 603	Micro-processor
BCS 504	Computer Organization	BCS 604	Principles of Programming
BCS 505	Digital Image Processing	BCS 605	Industrial Economics &
			Management
BCS502P	Database Management Practical	BCS602P	Theory of Computation Practical
BCS503P	Computer Graphics Practical	BCS 604P	Principle of Programming Practical

7th Semester <u>8th Semester</u>

Code	Course Title	Code	Course Title
BCS 701	Pattern Recognition &	BCS 801	Design Principle of Language
	Application		Translator
BCS 702	Digital Signal Processing	BCS 803	Design & Analysis of Algorithm
BCS 703	Data Structure & object	BCS 803	Interactive Multimedia
	Representation		
BCS 704	Advanced Computer System	BCS 804	Project
	Architecture		
BCS 705	Elective-I	BCS 805P	Design & Analysis of Algorithm
BCS701P	Advanced Computer System		
	Architecture Practical		
BCS702P	Digital Signal Processing Practical		

Elective:

Code	Subject
BECO5-I	Neural Network and Application
BECO5-II	Parallel Processing
BECO5-III	Mobile Computing
BECO5-IV	Fuzzy set theory & Application

Bachelor of Technology in Mechanical Engineering

<u>1st Semester</u> <u>2nd Semester</u>

Code	Course Title	Code	Course Title
BF1	Mathematics I	BF7	Mathematics II
BF2	Chemistry	BF8	Applied Physics



BF3	English-I	BF9	Programming and Data Structure
BF4	Electrical Technology	BF10	Basic Electronics
BF5	Mechanics	BF11	Engineering Drawing and Graphics
BF6	Introduction to Manufacturing	BF12	Environmental Studies
BF2P	Chemistry Practical	BF10P	Basic Electronics Practical
BF4P	Electrical Technology Practical	BF12	Communicative English
BF5	Indian Constitutional Ethics	BF13	Environment Studies

3rd Semester 4th Semester

Code	Course Title	Course Title Code Course Title	
BME301	Mathematics III	BME 401	Society, Environment & Engineering
BME302	Thermodynamics	BME 402	Dynamics
BME303	Fluid Mechanics	BME 403	Solid Mechanics
BME304	Workshop Processes	BME 404	Heat Transfer-I
BME305	Electrical Mechanics	BME 405	Theory of Machine
BME303P	Fluid Mechanics Practical	BME402P	Dynamics Practical
BME305P	Workshop Process Practical	BME403P	Solid Machine Practical

6th Semester 5th Semester

Code	Course Title	Code	Course Title
BME 501	Metal Cutting and Tool Design	BME 601	Strength of Materials
BME 502`	Control System	BME 602	Industrial Engineering & Production
			Management
BME 503	Computer Graphics	BME 603	Design of Machine Elements
BME 504	CNC Programme	BME 604	Hydraulic Machines
BME 505	Operation Research	BME 605	Industrial Economics & Management
BME 501P	Metal Cutting and Tool Design	BME602p	Industrial Engineering & Production
	Practical		Mgt. Practical
BME 504P	Computer Graphics Practical	BME604P	Hydraulic Machines Practical

7th Semester

Code	Course Title	Code	Course Title
BME 701	CAD/CAM (Application)&	BME 702	Metrology & Quality Control
	Automation		
BME 703	I.C. Engines & Automobile	BME 704	Finite Element Method in
	Engineering		Engineering
BME 705	Element-I	BME	I.C. Engines & Automobile
		701P	Engineering Practical
BME 702P	Metrology & Quality Control		
	Practical		

8th SemesterElective:

Code	Subjects	
BEMES-I	Mechatronics	
BEMES-II	Concurrent Engineering	
BEMES-III	Management of Technology	
BEMES-IV	Machine Vibration Analysis	



8th Semester

Code	Course Title	Code	Course Title
BME801	Refrigeration & Air Conditioning	BME 802	Machine Tool Design
BME803	Jigs & Fixture Design	BME 804	Project
BME805P	Refrigeration & Air Conditioning		
	Practical		

Master of Technology in Civil Engineering (M. Tech. Civil)

2nd Semester 1st Semester

Code	Course Title	Code	Course Title
MFC 1	Numerical Methods in Civil	MFC 5	Advanced Structural Analysis
	Engineering		
MFC 2	Applied Elasticity & Plasticity	MFC 6	Geotechnical Engineering
MFC 3	Behaviour & Design of reinforced	MFC 7	Finite Element method in
	Concrete Structure		Engineering
MFC 4	Pavement Material	MFC 8	Highway Engineering
MFC3P	Behaviour & Design of Reinforced	MFC 5P	Advanced Structural Analysis
	Concrete Structure Practical		Practical

3rd Semester

Code	Course Title	Code	Course title
MSC 1	Prestressed Concrete	MSC 2	High Rise Structure
MSC 3	Planning & Design of Airports	MSC 4	Transportation System Planning
MSC1P	Prestressed Concrete practical		

4th Semester

Specialization	Code	Course Title
Highway &	MSHW01	Highway Engineering Economics
transportation	MSHW02	Highway Engineering & Design
Engineering	MSHW03	Highway Maintenance & Management System
	MS04	Project
Hydrology & Water	Code	Course Title
Resource	MSHWR01	
Engineering	MSHWR02	
	MSHWR03	
	MS04	Project
Structural	Code	Course Title
Engineering	MSS01	Design of Industrial Structures & Bridges
	MSS02	Design of Hydraulic Structure
	MSS03	Plastic Analysis of Metallic Structure
	MS04	Project

Master of Technology in Electrical Engineering (M. Tech. Electrical)

1st Semester 2nd Semester

Code	Course Title	Code	Course Title
MFE1	Machine Drives	MFE5	Electrical Engineering & Practice
MFE2	Power Electronic Converter	MFE6	Power Electronics



MFE3	Control Theory	MFE7	Electrical Design, Estimating & Costing
MFE4	EHV Transmission	MFE8	Computer Aided Analysis of E.P.S.
MFE5	Machine Drives Practical	MFE6P	Power Electronics Practical

3rd Semester

Code	Course Title	Code	Course Title	Code	Course Title
MSE1	Machine Analysis	MSE2	Optimal Control Theory	MSE2P	Optimal Control Practical
MSE3	Advanced Control Theory	MSE4	Power system Protection		

4th Semester

Specialization	Code	Course Title
Control &	MSCI01	Industrial Instrumentation and Control
Instrumentation	MSCI02	Digital Control and State Variable methods
	MSCI03	Electronic Instruments And System
	MS04	Project
Power System Control	MSPS01	Electrical Power System Design
	MSPS02	Power System Analysis and Dynamics
	MSPS03	Power System Reliability
	MS04	Project

Master of Technology in Electronics & Telecommunication Engineering

1st Semester

2nd Semester

Code	Course title	Code	Course Title
MFET1	Semiconductor Devices &	MFET5	Solid State Circuit
	Modelling		
MFET2	VLSI Technology & Process	MFET6	Digital Circuit & Systems
	Modelling		
MFET3	Modern Digital Communication	MFET7	Optimal Control
	Technology		
MFET4	Digital Voice & Picture	MFET8	Satellite Communication System
	Communication		
MFET1P	Semiconductor devices &	MFET6P	Digital Circuits & Systems
	Modelling practical		Practical

3rd semester

Code	Course Title	Code	Course title
MSET1	Digital Signal Processing	MSET2	Digital Image Processing
MSET3	Optical Communication System	MSET4	Telecommunication Switching And Network
MSET4P	Telecommunication Switching & Network practical		

4th Semester

SpecializationCodeCourse Title		Course Title	
Communication MSCS01 Communication System		Communication System	
System MSCS02		Rader System	
	MSCS03 Wireless Communication		
	MS04	Project	
Control & MSCI01 Industrial Ins		Industrial Instrumentation & Control	



Instrumentation MSCI02		Digital Control & State Variable methods	
	MSCI03	Electronic Instruments & System	

MSVD01	Embedded System Design	
MSVD02	Digital VLSI Design	
MSVD03	Verilog Hardware Description Language	
MSVD04	Project	
MSMOC01	Microwave	
MSMOC02	Optical Electronics and Fiber optics Communication	
MSMOC03	Communication System	
MS04	Project	
MSMM01	Interactive multimedia	
MSMM02	Web Programming	
MSMM03	Programming Microsoft ASP.NET	
MS04	Project	
MSPE01	Electrical Power System design	
MSPE02	Power System Analysis and Dynamics	
MSPE03	Power System Reliability	
MSPE04	Project	
MSVD01	Embedded System Design	
MSVD02	Digital	
	VLSI Design	
MSVD03	Verilog Hardware Description language	
MSVD04	Project	
MS04 Project		
	MSVD02 MSVD03 MSVD04 MSMOC01 MSMOC02 MSMOC03 MS04 MSMM01 MSMM02 MSMM03 MS04 MSPE01 MSPE01 MSPE02 MSPE03 MSPE04 MSVD01 MSVD02	

Master of Technology in computer Science & Engineering

1st Semester

2nd Semester

Code	Course title	Code	Course title
MFCO1	Data Structures Object	MFCO5	Advanced operating System
	Representation		
MFCO2	Advanced Computer System	MFCO6	Computer Communications
	Architecture		Network
MFCO3	Design and Analysis of Algorithm	MFCO7	Neural Network And Application
MFCO4	Pattern Recognition and	MFCO8	Parallel Processing
	Application		
MFCO1P	Data Structure and Object	MFCO6P	Computer Communication network
	Representation Practical		practical

3rd Semester

Code	Course title	Code	Course Title
MSCO1	Automation Engineering	MSCO2	Mobile Computing
MSCO3	Fuzzy Set Theory & Application	MSCO4	Design principles of language Translator
MSCO2P	Mobile Computing Practical		

4th Semester

Specialization	Code	Course Title
Multimedia MSMM01		Interactive multimedia



	MSMM02	Web Programming
	MSMM03	Programming Microsoft ASP.NET
	MS04	Project
Object Oriented	MSDB01	Java2 Programming
Software Development	MDBN02	Oracle 9i database
	MSDB03	Database Design Development & deployment
	MS04	Project
VLSI Design	MSVD01	Embedded System Design
	MSVD02	Digital
		VLSI Design
	MSVD03	Verilog Hardware Description language
	MSVD04	Project

Master of Technology in Mechanical Engineering

1st Semester

Code	Course Title	Code	Course title
MFM1	Machine vibration Analysis	MFM5	Applied Elasticity
MFM2	Advanced Mechanics of Solids	MFM6	Finite Elements Methods in
			Engineering
MFM3	Concurrent Engineering	MFM7	Mechanical Estimation & Costing
MFM4	Management of Technology	MFM8	Materials Mgmt. & Materials
			Handling
MFM1P	Machine Vibration Analysis Practical	MFM7P	Mechanical Estimation & Costing
			Practical

2nd Semester

3rd Semester

Code	Course Title	Code	Course Title
MSM1	Jig & Fixture design	MSM2	Mechatronics
MSM3	Industrial Automation	MSM4	Quality Control & Reliability Engineering
MSM1p	Jig & Fixture Design practical		

4th Semester

Specialization	Code	Course Title
Mechanical Design	MSMD01	Thermal System Design
	MSMD02	Design OF Machinery
	MSMD03	Mechanical Engineering Design
	MS04	Project
Production Technology	MSPT01	Metal Forming Technology
	MSPT02	Machine Tool Design
	MSPT03	CAD/CAM
	MS04	Project
Thermal Engineering	MST01	Advanced Thermodynamics
	MST02	Refrigeration & Air conditioning Technology
	MST03	Steam and Gas Turbines
	MS04	Project



RAYS SCHOOL OF MANAGEMENT

Rays school of management is also a part of RSPBITM which is an authorized study centre of Karnataka State Open University a state government university, and conducting the different management courses. The institute offering two modes of MBA program (i) Normal MBA duration 2 years and branches offered are Finance, Human resource ,Marketing (ii) Executive MBA program duration 1 year and branches offered are Construction management, Project Management, Materials Management, Information Technology management ,Industrial management, and Import export Management.

The eligibility of the normal MBA course is 3 years graduation from any UGC approved university or any professional courses from any AICTE approved Institute and for Executive MBA is 3 years graduation from above mentioned Universities or Institutes with 3 years working experience. Rays School of management is the first of its kind which is conducting the construction management or project management in this part of our country. With the economic growth of our country the country needs a huge infrastructural change in all the part of our country and the construction industries are the most booming among all other core industries and need huge numbers of technocrat with good managerial skill.

Rays school of management converting a good technocrat or good worker to a very good manager with all modern management tools and accessories. Compact study materials, class and lab support are the features of the management courses, however in this segment also students can choose any one option, with class mode and without class mode. Rays School of Management welcome working professionals to join the management courses and become a proficient managerial staff with a widely excepted university degree.



Courses offered by RAYS SCHOOL OF MANAGEMENT (RSM)

S. No.	Course	Eligibility	Duration	Exam.
				Mode
1	Bechelor of Business	12 th	Three Year	Semester
	Administration (BBA)			
2	Master of Business	Degree	Two Year	Semester
	Administration (MBA)			
3	Executive Master of Business	Degree + 3year Exp.	One Year	Semester
	Administration (Exe. MBA)	/ Diploma + 5year		
		Exp.		

PROGRAMME STRUCTURE

Master of Business Administration

1st Semester

2nd Semester

Code	Course Title	Code	Course Title	
MBA-101	Management Theory &	MBA-107	Management Information System	
	Practice		and Computer Application	
MBA-102	Managerial Economics	MBA-108	Businees Law	
MBA-103	Accounting For Managers	MBA-109	Financial Management	
MBA-104	Organizational Behavior	MBA-110	Marketing Management	
MBA-105	Quantitative Techniques	MBA-111	Human Asset Management	
MBA-106	Business Ethics & Values	MBA-112	Executive Communicative &	
			Research Methodology	

3rd Semester 4th Semester

MBA-113	Management of Small Business	MBA-119	International Business	
	and Entrepreneurship		Environment	
	Development			
MBA-114	Business Policy & Strategic	MBA-120	Operations Management	
	Management			
MBA-115	Operations Research	MBA-121	Total Quality Management	
MBA-116	Elective:	MBA-122	Elective:	
	Group A-(Finance)		Group A-(Finance)	
	Group B-(Marketing)		Group B-(Marketing)	
	Group C-(Human resource)		Group C-(Human Resource)	
MBA-117	Elective:	MBA-123	Elective:	
	Group A-(Finance)		Group A-(Finance)	
	Group B-(Marketing)		Group B-(Marketing)	
	Group C-(Human Resource)		Group C-(Human Resource)	
MBA-118	Elective:	MBA-124	Elective:	
	Group A-(Finance)		Group A-(Finance)	
	Group B-(Marketing)		Group B-(Marketing)	
	Group C-(Human Resource)		Group C-(Human Resource)	



Executive Master of Business Administration (Exe. MBA)

Construction Management / Material Management / Project Management / Production / Industrial Management / Quality Management / Insurance & Banking / Informational Technology / Import export.

<u>1st Semester</u>

EMB-101	Principles of Management	EMB-106	Human Resource Management
EMB-102	Managerial Economics	EMB-107	Organizational Behaviour
EMB-103	Managerial Accounting	EMB-108	Operations Management
EMB-104	Financial Management	EMB-109	Legal Aspects of Business
EMB-105	Marketing Management		

2nd Semester

EMB-201	Strategy in Business	EMB-206	Elective 2	
EMB-202	International Business	EMB-207	Elective 3	
EMB-203	Entrepreneurship	EMB-208	Elective 4	
EMB-204	Management Information	EMB-209	Project Report	
	System			
EMB-205	Elective 1		Project Viva-Voce	



RAYS SCHOOL OF FIRE & SAFETY

Rays School of Fire & Safety is a land mark institute of its kind, Certificate in Safety Management and Fire & Safety Management, and Diploma in Safety Management and Fire & Safety Management are the courses conducted by RAYS SCHOOL OF FIRE & SAFETY. Institute provides theoretical classes to the students and consolidated hard core fire training for 15 days ,evening and week end classes facilities also available for the employed students, industrial visit is in the part of course curriculum of the institute.

Safety is the highest concern in any industrial and commercial segment. We educate the students on safety, train them how to prevent accidents and different safety audits, and put them in the industries aiming to make the safe and hazard less working environment. The RAYS SCHOOL OF FIRE & SAFETY provides degrees from state government university with highest acceptance in public and private sectors. Viewing the huge job opportunity in the safety and fire and safety segment we well come students to choose these job oriented professional courses.

Salient Features:

- Compact Study Material
- Evening or weekend classes
- 15 Days Hardcore Practical Training on Fire Safety
- Industrial Visit
- Placement assistance



Courses offered by RAYS SCHOOL OF FIRE & SAFETY (RSFS)

S. No.	Course	Eligibility	Duration	Exam. Mode
1	Certificate in Safety Management	10 th	Six Month	Semester
2	Certificate in Fire & Safety Management	10 th	Six Month	Semester
3	Diploma in Safety Management	10 th	One Year	Semester
4	Diploma in Fire & Safety Management	10 th	One Year	

PROGRAMME STRUCTURE

Certificate in Fire & Safety Management

Code	Course Title
CFS-101	Fundamentals of Fire Engineering Science
CFS-102	Fire Control Technology
CFS-103	Principles of Industrial Safety And Accident Prevention
CFS-104	Risk Management and Hazard Control System
CFS-105	Practical

Diploma in Fire & Safety management

<u>1st Semester</u> <u>2nd Semester</u>

Code	Course Title	Code	Course Title
DFS101	Fundamentals of Fire Engineering	DFS-201	Risk Management And Hazard
	Science		Control System
DFS102	Fire Control Technology	DFS-202	Health, Safety, Environmental
			Engineering And Construction
			Safety
DFS103	Principles of Industrial Safety and	DFS-203	Industrial Safety
	Accident Prevention		
DFS104	Leadership, Communication & Soft	DFS-204	Construction Industry Safety-1
	Skills		
DFS105	Fire Safety	DFS-205	Fire Engineering Science-I
DFS106	Practical	DFS-206	Emergency Planning & First Aid



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 seven 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 from 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 one 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.



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 the University before applying for Transfer Certificate/
- 12. Migration Certificate.
- 13. 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.
- 14. If the Original Identity card is lost, duplicate card may be obtained from the office on payment of Rs. 300/-.



KSOU's Some other Courses:

S.	Course	Eligibility	Duration	Exam.
No.				Mode
1	Diploma in Computer Application	12 th	One Year	Semester
2	Bachelor in Arts (B.A)	12 th	Three Year	Yearly
3	Bachelor in Commerce (B.Com)	12 th	Three Year	Yearly
4	Bachelor of Degree in Library &	Degree	One Year	Yearly
	Information Science (BLISc)			
5	Bachelor in Science (General)	12 th with PCM/PCB	Three Year	Yearly
6	Bachelor of Science in	12 th / Diploma	Three Year	Semester
	Information Technology (B.Sc. IT)			
7	Post Graduate Diploma in	Degree	One year	Semester
	Computer Application			
8	Master of Arts	Degree	Two Year	Yearly
9	Master of Science in	BCA/B. Sc (50%)	Two Year	Semester
	Information Technology (M Sc.			
	IT)			
10	Master Degree in Library	BLiSc	One Year	Yearly
	& Information Science (MLiSc)			
11	Master of Science in Computer	BCA/B. Sc (50%)	Two Year	Semester
	(M Sc. Computer)			
12	Bachelor in Computer	12 th	Three Year	Semester
	Application (BCA)			
13	Master in Computer Application	Degree/BCA/B.Sc/	Three Year	Semester
	(MCA)	B.Tech		

THANKYOU

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