

## **Welcome to Kerala Technological University**

Kerala Technological University (KTU) welcomes you to its fold where you plan to do your B.Tech degree in the branch of specialization to which you have been admitted. As a new University KTU has initiated major changes in the academic regulations and curriculum for the B.Tech degree. Full details of these are available at the KTU Website. In order to appreciate these changes and to make them simple enough to understand, all the important issues related to your study at KTU are listed in this booklet.

Wish you all the best in your career at KTU.

## What's new?

- Theory courses supplemented by practice/lab sessions.
- New courses on Design Engineering, Sustainable Engineering, Design Project and Life & Professional Skills for all branches.
- Comprehensive examination.
- Publication of results of examinations within one week of completion of the examinations.
- Supplementary examinations before the commencement of the next semester.
- Summer courses and contact courses for failed students to earn minimum credits without losing an academic year.
- Academic calendar for curricular, co-curricular and extra-curricular activities and vacation for doing internship.
- Provision for remedial/bridge courses/ Language Lab, micro projects etc. in the curriculum.
- Facility for Break of study to initiate start-up venture or product development.
- Co-curricular and extracurricular activities to develop soft skills, nurture team work and leadership qualities, to build entrepreneurial and trail blazing outlook etc. are made mandatory.
- Provision to drop and change elective courses.
- Option for meritorious students to acquire B.Tech (Honours).
- Academic Audit to monitor teaching-learning process.
- Committees for ensuring academic discipline & students' welfare and for addressing students' grievances.
- Credit transfer facility from other University/Academic Institution.



## 1. Salient features of the B.Tech Programme.

B.Tech Programme is a credit based programme having a normal duration of four academic years, spanning eight semesters. The maximum duration for a student to complete the programme is six academic years spanning twelve semesters. On meeting specific conditions, a student can get a B.Tech (Honours) Degree.

## 2. B. Tech Programme Structure

- i) B. Tech. programme in all branches of study is structured on a credit based system following the semester pattern with continuous evaluation allowing flexibility for students to decide on the duration of programme completion.
- ii) Each semester shall have 72 instructional days, followed by end semester examinations.
- iii) There is the provision for a student to opt for B.Tech (Honours) at the end of the fourth semester, under specific conditions that are given later.
- iv) The curriculum of any branch of the B. Tech programme is designed to have a minimum of 180 academic credits and 2 additional pass/fail credits, for the award of the degree.

Credits are assigned to courses based on the following general pattern.

One credit for each lecture hour per week for one semester

One credit for each tutorial hour per week for one semester

One credit for each laboratory/ practical session of 2 or 3 hrs, per week for one semester

Lectures, Tutorials and Practical are indicated in the curriculum as L - T - P followed by the Credits for them.

If L - T - P is 3 - 1 - 0 the credit is 4; Likewise for 2 - 0 - 2 the credit is 3 and for 0 - 0 - 3 the credit is 1

- v) In a semester normally up to six lecture based courses and three laboratory/practical courses, carrying a maximum credit of 26, could be offered.
- vi) University may allow students to transfer credits they have earned at other Universities and Academic Institutions with its approval.
- vii) Student Activities Points:  
In addition to academics, students have to actively engage in co-curricular and extra-curricular activities.  
Points are allotted for such activities. On getting a minimum of 100 activity points the student passes the course and earns 2 credits.



The 2 credits earned as mentioned above are not counted for the CGPA, but is mandatory for the award of the degree.

Listing of these activities and the maximum points that could be earned by engaging in them are given in section 28 (2) of this document.

### **3. Curriculum, List of Courses and Syllabi**

- i) Every branch of study in the B.Tech programme will have a curriculum, list of courses, syllabi and course plans approved by the Academic Committee of the University.
- ii) Courses are categorized as Core Theory (CT), Core Practice (CP) and Electives (EL).
- iii) Each course has a course number. Course number includes the offering department or knowledge segment code and a three digit number. Knowledge segment code is used when a course is offered by any one or more departments with the same course content and syllabus.
- iv) Curriculum and Syllabi are available in the website.
- v) Please note that each course is given an Examination Slot ( A, B, C.....) in the curriculum. This is for simplifying the End-Semester examination schedule. The semester examination schedule will give only the date and the corresponding slot, not the subjects. All subjects that are listed under Slot A will have the examination on that day. Please note the courses you are attending and their slots.
- vi) Core courses, Prerequisites and Electives

All courses listed in the curriculum, other than the electives, are core courses.

Earning credits in the core courses is mandatory for the B. Tech. degree.

If a student fails in an elective course, he/she can change the elective course with the permission of the faculty advisor concerned.

For some courses there could be a prerequisite course completion requirement for registration.

### **4. Faculty Advisor/Counsellor**

All students will have faculty advisors whose role will be:-

- ☒ To guide and help students on academics



- ☒ To monitor their progress in academics and advise them
- ☒ To counsel them and hand-hold them in any difficulty

## **5. Course Registration and Enrolment**

It is mandatory for students to register for the courses they want to attend in a semester.

Students admitted freshly to the first semester, are advised to register for all courses listed for the first semester. However they do not have to enrol for the semester.

At the end of each semester, all students have to register for the courses they desire to study in the next semester. They have to enrol for these courses at the beginning of the new semester, based on the previous semester results. Students can make changes in the list of courses already registered for, at the time of enrolment.

Students should clear all dues including any fees to be paid before enrolment and should not have any disciplinary issues pending. They have to remit examination fee as mentioned in section 6 (b) at the time of registration/enrolment.

The dates for registration and enrolment will be given in the academic calendar. Any late registration or enrolment, allowed up to 7 working days from the stipulated date, will attract a late fee (see section 6(c)).

A student can withdraw from a course or substitute one already registered by another on valid reasons with the approval of the faculty advisor. However this has to be done within seven working days from the commencement of the semester.

The maximum number of credits a student can register in a semester is limited to 26.

## **6. Fee charged by the University**

The approved Fee Structure for B.Tech is as follows.

- a) Student Administration Fee : Rs.1, 000/- per student (One-time fee collected at the time of admission)
- b) Examination Fee : Rs.500/- per Semester + Rs. 200/- per theory paper. (at the time of registration of the courses)
- c) Late Fee : Rs.500/-

The fee will be collected by the college.



## **7. Course Completion and Earning of Credits**

Students registered and later enrolled for a course have to attend the course regularly and meet the attendance rules of the University and appear for all the internal evaluation procedures and end semester examination for the completion of the course. Credits for the course are earned only on getting a pass grade in the composite evaluation (i.e., internal evaluation + end semester exam).

## **8. Summer Courses**

Students who could not earn the required minimum credits (see sec.15) at the end of the second or fourth semester have two options to continue with the studies.

- (i) They can register again for the courses, when they are offered in the next academic year.
- (ii) There is also a provision to attend summer courses in failed courses for these students. The students have to register for the summer course, attend the course and write the final examination. This provision is only for students who have got 45% or more in the internal evaluation for the courses they attended in the regular semester.

Students should have 75% attendance in the summer course to write the examination.

For the final grading their internal evaluation marks obtained in the regular semester in which they had undergone the course will be applicable.

Summer courses will be conducted for a minimum of 20 contact hours for each course. Summer courses will be offered only at the end of the second and fourth semesters for the courses covered till that semester.

Details of summer courses planned will be announced by the colleges after the declaration of the even semester results. Final examination for summer courses will be conducted by the University.

### Options for the fifth and higher semesters

For higher semesters, i.e., fifth semester onwards, summer courses are not offered. Failed students who have less than 45% marks in internal assessments have to register again for the course in the regular semester in which it is offered and complete the course as per the regulations and appear for the end semester examination.

Failed students having 45% marks or more in internal assessments have the option to register again for the course as mentioned above or register only for the end semester examination without attending the course again.



A separate registration format will be available for this. This option is available in all semesters.

## 9. Contact Courses

If a student has to earn credits only just for one course to qualify for the degree after completing eight semesters of study, the college concerned may offer a contact course on a written request by the student.

The contact course is considered as fresh registration and will be offered by the teacher concerned who shall conduct the internal evaluation procedures and allot the marks as per the regulations.

Minimum contact hours for the course will be 20. The final examination will be conducted by the college and will be monitored by the external academic auditor. Question paper for the examination will be given by the Controller of Examination. No grade above C will be given for a contact course.

## 10. Academic Assessment/Evaluation

### Academic Evaluation of Courses

University follows a continuous academic evaluation procedure. Academic evaluation compose of internal evaluation and end semester examination.

Academic evaluation procedure and corresponding weights are as follows:-

a) For theory courses: -

The maximum marks for internal evaluation : 50

The maximum marks for end semester examination : 100

Internal evaluation marks are awarded as follows.

- i) Two internal tests of 1 hour duration conducted by the college: 40  
(20 marks for each test)
- ii) Tutorials/Assignments/Mini Projects carrying 10 marks.  
(Internally by the College) :10

All the above evaluations are mandatory requirements to earn credits.

Students who have missed **either the first or the second test** can register with the consent of the faculty and the Head of the Department (HOD) concerned for a re-test which will be conducted soon after the completion of the second test, but before the end semester examination. The re-test will cover both first and second test course plans.



Those who have missed both the tests are not eligible to appear for the end semester examination.

However, if one misses both tests due to medical reasons or other personal exigencies, based on genuine evidence, a single test of 2 hour duration for 40 marks will be conducted covering the whole syllabus, before the end semester examinations. Decision on this will be taken by the Principal and verified by the external academic auditor.

b) For Laboratory /Practical /Workshop courses

- i) Practical records /Outputs    60 marks    (Internally by the College)
- ii) Regular class Viva            10 marks    (Internally by the College)
- iii) Final written test/quiz       30 marks    (Internally by the College)

All the above assessments are mandatory to earn credits. If not, the student has to complete the course/assessments during his free time in consultation with the faculty members. On completion of these, grades will be assigned. In case the Practical /Laboratory/Workshop courses are not completed in the semester, grade I (incomplete) will be awarded against the course and the final grade will be given only after the completion of the course/assessments.

c) Comprehensive Examination

As students appear for placements from seventh semester onwards, comprehensive examination is to be completed in the sixth semester.

This examination consists of two parts. Part one a written test and the other an oral one.

The written examination will be objective type of 1 hour duration and will have 50 marks and will be conducted by the concerned department.

Chairman of the oral examination board will be a senior faculty in the department and the members include two other faculty members of the department and an external expert from another academic institute or an industry. Oral examination will carry 50 marks.

Comprehensive examination may be conducted any time during the 6th semester.

d) Seminar

Each student has to give a seminar on a professional topic of current interest                      in consultation with the faculty member in charge of the seminar in the Department.



Students have to prepare a detailed report on the topic of the seminar and submit it to the teacher concerned.

The seminar is to be of 20 minutes duration with another 5 minutes given for questions and answers.

All students in the class have to attend the seminar without fail.

Evaluation will be based on the report, seminar presentation as well as on the ability of the student to answer the questions put forward.

Faculty member in charge of the seminar and another faculty member in the department nominated by the Head of the Department are the evaluators for the seminar. Distribution of marks for the seminar is as follows.

Marks for the report	: 30%
Presentation	: 40%
Ability to answer questions on the topic	: 30%

#### e) Design Project

Each student or a group of students has to take up a design project. The project topic could be arrived at in consultation with any faculty member in the department.

The Evaluation of the project will be done in two stages. Two project progress evaluations each carrying 20 marks and a final report evaluation and presentation of the project for 60 marks.

The project supervisor and two other faculty members from the same or any other department, nominated by the Head of the Department form the evaluation board.

#### f) Final Semester Project

Students, either individually or in a small batch not exceeding four, have to do a project approved by their faculty supervisor.

Evaluation scheme is given below:-

- i) Two progress assessments : 20% by the faculty supervisor/s
- ii) Final Project Report : 30% by the Assessment Board
- iii) Project presentation and Viva: 50% by the Assessment Board

If the project work is not completed satisfactorily, the student has to put in more work and appear again for assessment on a specified date, not earlier than one month after the first evaluation. If the student fails in the project, a fresh registration for the project for one semester is mandatory.



## 11. Eligibility for writing the end semester examination and for grading

**Important** The main eligibility criteria for appearing the end semester examination are

- (i) minimum 75% attendance in each course,
- (ii) minimum 45% internal marks for each course and
- (iii) no pending disciplinary action.

Students who do not meet the above eligibility criteria are awarded an FE grade and have to register for the course again at the next opportunity.

A student should have a minimum of 45% marks in the end semester examination to be eligible for grading in a course. Otherwise he/she will be considered to have failed in the course and an F grade will be awarded.

Internal marks given to the students who got 45% marks or more in the end semester examination shall be regulated in line with the end semester examination performance. Internal mark percentage shall not exceed 25% over the end semester mark %.

(For example if the end semester mark % is 45, then the maximum internal mark % is to be  $45+25 = 70\%$ .)

In case the student writes the supplementary examination, the mark got in that will be taken into consideration for regulating the internal marks.

Those who have more than 45% marks in the end semester examination are awarded the grade based on both internal assessment and end semester examination marks.

A student earns credits for a course if the grade is P or above.

## 12. Examination

End semester examination will be conducted by the University in all lecture based courses offered in the semester. The end semester examination will normally be of three hours duration, unless otherwise specified.

Supplementary examinations will be conducted by the University before the commencement of the next semester.

Students, who have completed a course but could not write the end semester examination for valid reasons like illness or personal exigencies, are allowed to write the supplementary examination or the end semester examination at the next opportunity provided they meet other eligibility criteria.



Grades awarded in the supplementary examination will be taken as the end semester grades in these courses.

### 13. Award of Grades

Grading is based on the % marks obtained by the student in a course. The grade card will only give the grades against the courses the student has registered. Semester grade card will give the grade for each registered course, Semester Grade Point Average (SGPA) for the semester as well as Cumulative Grade Point Average (CGPA) up to that semester

### 14. Grades and Grade Points

Grades and Grade Points as per UGC guidelines will be followed by the University

Grades		Grade Point (GP)	% of Total Marks obtained in the course
O	(Outstanding)	10	90% and above
A+	(Excellent)	9	85% and above but less than 90%
A	(Very Good)	8	80% and above but less than 85%
B+	(Good)	7	70% and above but less than 80%
B	(Above Average)	6	60% and above but less than 70%
C	(Average)	5	50% and above but less than 60%
P	(Pass)	4	45% and above but less than 50%
F	(Fail)	0	Less than 45%
FE		0	Failed due to eligibility criteria
I	Course Incomplete		

SGPA and CGPA are calculated based on the above grading norms and are explained at the end of this document.

### 15. Eligibility for promotion to higher semesters

A student has to earn a minimum number of credits in a semester to be eligible to register for the new courses offered in the next semester

Students who do not meet this requirement are not permitted to register for new courses in the higher semesters. They have to register for the failed courses in normal semesters in which they are offered subject to the limitations imposed by the ordinances and course timetable.

## Eligibility Criteria for Registering for Higher Semester Courses

Semester	Allotted Credits	Cumulative Credits	Minimum cumulative credits required to register for courses in higher semesters
First	24/23	24/23	Not insisted
Second	23/24	47	35
Third	24	71	Not insisted
Fourth	23	94	80
Fifth	23	117	Not insisted
Sixth	23	140	126
Seventh	22	162	Not insisted
Eighth	18	180	

### 16. Break of Study

A student is permitted to have a break of study.

- In case of accident or serious illness needing prolonged hospitalization and rest.
- In case the student has a bright idea and would like to initiate a start-up venture or develop a new product.
- In case of any personal reasons that need a break in study.

For break of study due to illness, student should submit all necessary medical reports together with the recommendation of the doctor treating him giving definite reasons for break of study and its duration. Before joining back the student should submit the fitness certificate from the doctor who treated him.

Students who want to initiate a start-up venture or a product development, have to submit a project report, clearly indicating the purpose, action plan, technical details, funding details and future plans to the college Principal. The Principal will evaluate the proposal by constituting an expert team consisting of a technocrat and a bank executive and take an appropriate decision based on the team's recommendation. In the semester system followed by the University, break of study for an academic year is preferred over a semester break.



Students who want a break in study due to personal reasons shall convince the Principal on the genuine need for it by giving authentic evidence for the same.

In all cases of break of study the maximum duration for completing the B.Tech programme will be twelve semesters.

## **17. Revaluation and Grade Improvement**

There is no provision for revaluation of the end semester answer books or for improving the grade.

However, the student is permitted to check the answer books of the end semester examination after the results are declared. Any discrepancy in evaluation could be brought to the notice of the teacher concerned who will initiate appropriate action on this. The decision of the Controller of Examination shall be final on this.

## **18. Grade Cards**

Students who have written the end semester examination will be given the grade cards for the registered courses, in every semester by the respective colleges. On earning the required credits for the degree, a consolidated grade sheet for the B. Tech programme will be given by the University.

## **19. Classification of B.Tech Degree**

B.Tech. degree will not have any classifications like distinction or first class.

## **20. B. Tech. (Honours)**

Accredited departments in institutions, having at least two post graduate programmes, may offer B. Tech. (Honours).

Students with a CGPA above 8 at the end of the fourth semester and having no credit arrears only are eligible for this option. As only selected institutions may have this provision, students cannot demand this or move later to an institute where this is available.

Students have to earn 12 additional credits to get B. Tech (Honours). Furthermore their CGPA at the end of the programme should be 8 or higher.

Those who opted for B. Tech (Honours) but unable to earn the required additional credits in 8 semesters or whose final CGPA is less than 8 shall automatically fall back to the B. Tech. programme. However, additional course credits and the grades thus far earned by them will be shown in the grade card but not included for the CGPA.



## **21. Academic Calendar.**

The academic calendar for every academic semester will be published by the University in its website.

It indicates the commencement of the semester, date of beginning of instruction, the course registration and enrolment dates, the schedule for mandatory internal tests for theory courses, dates of completion of laboratory/practical evaluations, date for finalization of internal marks, last instruction day in the semester, planned schedule of end semester examinations and result declaration as well as approved holidays falling within the semester.

Schedules for the supplementary examinations and result declaration dates will be included in the calendar.

The schedule of summer courses will also be indicated in the calendar.

## **22. Discipline**

Every college will have a Student's Welfare Committee and a Disciplinary Action Committee (DAC), constituted by the Principal of the college. Each college will have a Grievance Redress and Appeals Committee constituted by the Principal to address the grievances of the students and to consider their appeals on any decisions made by the college.

Breach of guidelines and unfair practices in Examinations will be viewed seriously and appropriate actions will be taken by the colleges.

## **23. Academic Malpractices**

Every student is required to observe discipline and decorous behaviour. Any act of indiscipline, misbehaviour and unfair practice in examinations will be referred to the Disciplinary Action Committee (DAC). Malpractices in examinations will be viewed seriously and any such incident observed or reported by a faculty member or an invigilator associated with the examinations will be reported to the Principal who in turn will refer it to DAC. On the basis of the report and evidence available or gathered, DAC shall immediately initiate an enquiry giving the concerned student a chance to explain his/her case. Based on this the committee will recommend the course of action in line with the guidelines formulated for this by the Controller of Examination of the University and forward it to the Principal for action.

The student can appeal to the Grievances and Appeals Committee for a relook on the matter. Based on the committee's report, the Principal will take a final decision on the matter.

DAC will be headed by a department head and will have three other faculty members drawn from different departments as members. In case of malpractices in end semester examinations, the report given by the college DAC and the action taken by the Principal will be intimated to the Controller of Examination of the University



## **24. Rules on Attendance**

Attendance is marked for each course. 75% attendance is mandatory for writing the end semester examination in that course.

Under unavoidable circumstances students are permitted to take leave. Leave is normally sanctioned for any approved activity taken up by students outside the college covering sports and other extracurricular activities. Leave is also permitted on medical grounds or on personal exigencies. Leave of absence for all these is limited to 25% of the academic contact hours for the course.

In case of long illness or major personal tragedies/contingencies the college Principal can relax the minimum attendance requirement to 60%, to write the end semester examination. This is permitted for one or more courses registered in the semester. Principal will keep all records which led to his decision on attendance, for verification by the Academic Auditor. However this concession is applicable only to any two semesters during the entire programme. In case of prolonged illness, break of study is permitted.

## **25. Leave of Absence**

Students who want to take leave have to submit a leave letter to the teacher conducting the course.

For medical leave over three days, medical certificate indicating the need for leave is required. After any medical leave exceeding five instruction days, on re-joining, the student has to produce the fitness certificate given by the doctor.

## **26. Ragging**

Ragging of any nature is a criminal and non-bail able offence. Involvement in ragging shall lead to stringent punishment, including imprisonment as per the law of the land. A student, whose involvement in ragging is established, shall be summarily dismissed from the college. Each student of the Institute, along with his/her parent, is required to give an undertaking in this regard and the same is to be submitted at the time of registration.

## **27. Eligibility for Award of Degree**

The award of B.Tech/B.Tech (Honours) degree will be based on the recommendation of the Academic Committee and the approval of the Board of Governors and in accordance with the academic regulations.



A student will be eligible for the award of B.Tech Degree on satisfying the following requirements

- (i) Earned credits for all core courses and the Project.
- (ii) Earned the required minimum credits as specified in the curriculum for the branch of study.
- (iii) No pending disciplinary action.

## 28. Digital Courses

E-learning facility in all lecture based courses is provided free of cost to all students through M Tutor software.

## 29. Addendum:-

### 1. Calculation of SGPA/CGPA

semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) are calculated as follows.

$SGPA = \frac{\sum(C_i \times GP_i)}{\sum C_i}$  where  $C_i$  is the credit assigned for a course and  $GP_i$  is the grade point for that course. Summation is done for all courses registered by the student in the semester.

Here the failed courses are also accounted.

$CGPA = \frac{\sum(C_i \times GP_i)}{\sum C_i}$  where  $C_i$  is the credit assigned for a course and  $GP_i$  is the grade point for that course. Summation is done for all courses registered by the student during all the semesters for which the CGPA is needed. Here the failed courses are also accounted.

CGPA of all courses passed may also be given.

CGPA for the B. Tech programme is arrived at by considering all course credits that are needed for the degree and their respective grade points.

### 2. Student Activity Points

Activities that a student can engage in and the maximum quantum of points that can be earned from them are listed below.

#### i) National Level Activities

Code	Name of activity	Max. Activity Points	Minimum Duration
NA1	N S O	70	Two Semesters
NA2	N C C	70	Two Semesters
NA3	N S S	70	Two Semesters

#### ii) College Level Activities

CA1	Active Member/Office bearer of Professional Societies	30/40	Four Semesters
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(Student Chapters)

CA2	Elected Office bearer of Student forums	30	Two semesters
CA3	Member/Captain- College Athletic/ Games teams	20/30	Two Semesters
CA3	Executive Member of Student Clubs	20	Two Semesters
CA4	Volunteer for important College functions	20	Two Semesters
CA5	Committee member/Organizer of Tech Fest/Cultural Fest/ Conference	20/30	Two Semesters
CA6	Placed within top three in Paper presentation/debate/ cultural competitions etc	30	
CA7	Placed within top three in State level Sports/Games/	30	

Additional 20 points are given for CA3/CA7 if the achievement is at the national level.

iii) Entrepreneurship

EA1	Any Creative Project execution	40
EA2	Awards for Projects	60
EA3	Initiation of Start-ups	60
EA4	Attracted Venture Capital	80
EA5	Filed a Patent	80
EA6	Completed Prototype Development	80

iv) Self Initiatives

SA1	Attend a National Conference	20
SA2	Attend an Int. National Conference	30
SA3	Published/ got an Award for a Technical paper.	30/40
SA4	Organiser of student level Technical Conf/Competition	30
SA5	Foreign language skills	50
SA6	Online courses taken& completed	50

### 30. FAQ

(i) **What is the eligibility condition for admission to B.Tech course?**

See Clause 1 of 'Ordinance for Bachelor of Technology B.Tech/B.Tech (Honours)' given in the website. The eligibility condition is also available in KEAM prospectus.

**(ii) How can one remit exam fee?**

Exam fee have to be remitted at the college

**(iii) How can registration and enrolment of courses be done?**

Registration and enrolment can be done by paying the required fee at the college.

**(iv) Who will award Student Activities Points?**

The faculty advisor.

**(v) If a student fails in end exam, will his/her internal evaluation marks be regulated in line with the end semester exam marks?**

No. It will be done when the student gets pass marks in supplementary examination. (See section 11 )

**(vi) How many chances will a student get to pass a course?**

A student will get maximum of six years to complete the B.Tech programme.

**(vii) Will the University issue marks details on request?**

No. The University will issue grade cards only.

**(viii) Can a student skip some courses during regular semester and register in subsequent semester?**

Yes, except in semesters 1 & 2. In any case, the maximum duration for completion of the programme is 6 years.

**(ix) Will the University publish model question paper or question paper pattern?**

Question paper pattern will be published.

**(x) How much choice will be available in questions for end semester exam?**

It will vary for different subjects. Will be available in the question paper pattern.

**(xi) If a student breaks study and continues after one academic year and meanwhile the curriculum is changed, shall he/she register for courses in the previous curriculum or changed curriculum?**

The Academic Committee of the University will suggest the equivalent courses to be studied.

**(xii) Does the University award ranks for each branch?**

No

**(xiii) Is there provision for inter college transfer in higher semesters, if vacancy arises?**

If both the colleges agree (relieving and admitting colleges) college transfer is permitted.

**(xiv) Is migration/eligibility certificate required for admission ?**

There is no need to obtain Eligibility/Equivalency/Matriculation Certificates from KTU for admission.