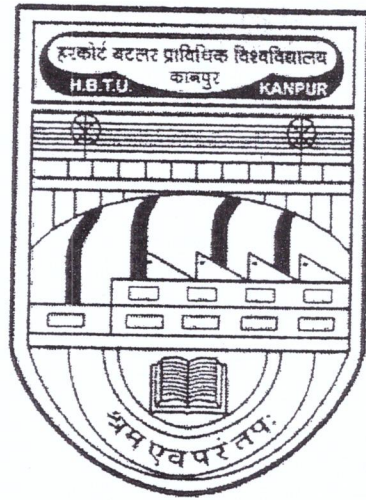


ORDINANCES
FOR
BACHELOR OF TECHNOLOGY
(Effective from the session 2019-20 for new entrants)



HARCOURT BUTLER TECHNICAL UNIVERSITY
KANPUR-208002 (UP) – INDIA

(Revised October, 2019)

(MK Singh) *R. B. Singh* *R. B. Singh* *R. B. Singh*

First Ordinances

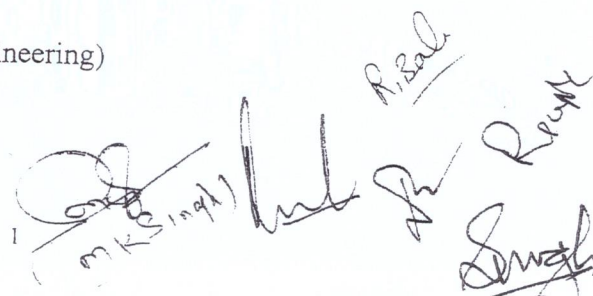
In pursuance of the provision of Section 45 (1-3) of the Uttar Pradesh Harcourt Butler Technical University, Kanpur Act, 2016, these are the first Ordinances for Harcourt Butler Technical University, Kanpur:

1. **INTRODUCTION**
 - Short Title, Commencement and Definitions
 - 1.1 These Ordinances shall be called the First Ordinances, 2017 of Harcourt Butler Technical University, Kanpur.
 - 1.2 They shall come into force from session 2017-18 for new entrants.
 - 1.3 Anything contained in Ordinances in violation to provisions of Act shall be invalid, and the provisions of Act shall prevail.
 - 1.4 In these Ordinances, unless the context otherwise requires,
 - a) 'Act' means the Uttar Pradesh Harcourt Butler Technical University Act, 2016 as amended from time to time.
 - b) 'Section' means a section of the Act.
 - c) 'Clause' means a clause of the Ordinances.
 - d) 'University' means the Harcourt Butler Technical University, Kanpur.
 - 1.5 Words and expression used herein but not defined in the Act shall have the same meaning as assigned to them in the Act.
 - 1.6 The admission of students, eligibility to various courses of study, qualifications, attendance, registration, course structure, grading system, award of degrees, certificates, medals and other academic distinctions are covered in these Ordinances.
 - a) The 'University' may start other Degree, Diploma, Certificate programmes and other academic distinctions as deemed necessary for fulfilling its objectives. The Ordinances for the same shall be as prescribed by the Academic Council and the Executive Council.
 - b) The 'Courses of Study' shall be as prescribed by the Academic Council and approved by the Executive Council.
 - c) Fellowships and Awards shall be instituted as per the requirements with approval of the Vice Chancellor under intimation to the Academic Council and the Executive Council.
2. **SCHOOLS AND PROGRAMMES OF STUDY**

The University offers B.Tech. programmes under different Schools of the University as detailed hereunder:

A. School of Engineering

- B. Tech. (Electronics Engineering)
- B. Tech. (Electrical Engineering)
- B. Tech. (Mechanical Engineering)
- B. Tech. (Civil Engineering)
- B. Tech. (Computer Science & Engineering)
- B. Tech. (Information Technology)


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B. School of Chemical Technology

- B. Tech. (Chemical Technology-Plastic Technology)
- B. Tech. (Chemical Technology-Paint Technology)
- B. Tech. (Chemical Technology-Oil Technology)
- B. Tech. (Chemical Technology-Biochemical Engineering)
- B. Tech. (Chemical Technology-Leather Technology)
- B. Tech. (Chemical Technology-Food Technology)
- B. Tech. (Chemical Engineering)

C. School of Basic and Applied Sciences

Presently, no programme is being offered at the undergraduate level. However, the faculty member of this School offers Basic Science Courses (BSC) to under graduate, Post graduate and Ph.D students of the University.

D. School of Humanities and Social Sciences

Presently, no programme is being offered at the Undergraduate level. However, the faculty members of this School offer Humanities, Social Science and Management Courses (HSMC) to Undergraduate, Post graduate and Ph.D students of the University.

3. ADMISSIONS

- 3.1 The University offers Full Time B.Tech. Degree programmes in various disciplines of Engineering and Technology.
- 3.2 Admissions to B.Tech. programmes shall be made as per the rules prescribed by the University from time to time.
- 3.3 The admissions shall be based on the merit of the candidates in JEE (Main) / any other National Level Entrance Examination as specified by the University.
- 3.4 *Admission to B. Tech. programme through lateral entry for Diploma holder candidates is allowed directly in Second year (third semester). These admissions shall be based on the merit of the candidates in the National Level Entrance Examination conducted by the University. This clause shall come into effect only after due approval from the State Government.*
- 3.5 The reservation policy as prescribed by the U.P. State Government or its directions issued from time to time shall be adhered to by the University.
- 3.6 (A) *A total of 20% seats within the sanctioned seats shall be reserved for candidates from outside the state of Uttar Pradesh. For such candidates, the domicile criterion of UP shall not be applicable. However, reservation shall be as per all India norms (only vertical reservation) will be applicable to the candidates from other states. This clause shall come into effect only after due approval from the State Government.*
(B) *Admission to NRI/Foreign Nationals (FN)/Persons of Indian Origins (PIO/ Overseas citizens of India (OCI)/Children of Indian Workers Working in Gulf Countries (CIWWGC), candidates who possess prescribed qualifications may get admission in Ist year B.Tech. against the seats approved from AICTE for the purpose on merit and/or through National Level Exam (as applicable) subject to the instructions of Government of UP/AICTE.*

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- 3.7 Admission of a candidate from any other University to Harcourt Butler Technical University on migration shall not be permitted.
- 3.8 If at any time after admission, it is found that a candidate has not fulfilled all the requirements stipulated in the offer of admission or has resorted to some fraudulent means to obtain admission; the University reserves the right to cancel the admission of the candidate.

4. ELIGIBILITY

Qualifications for admission to B.Tech. programme shall be as per the provisions of the Ordinances and the decisions of the Academic Council/Admission Committee of the University.

4.1 Admission through Entrance Examination

The candidate must have clearly passed 10+2 qualifying examination from U.P. Board or its equivalent any other Board / University with a minimum of five subjects in which Physics and Mathematics are compulsory subjects along with one of the subjects from Chemistry / Biotechnology / Biology/ Computer Science as Technical Vocational subject. Candidates must obtain at least 60% marks (55% in case of the candidates belonging to SC/ST category) in aggregates in above three subjects. In addition, all other eligibility conditions for appearing in JEE (Mains) Examination shall be applicable to the candidates for all admission reservation and domicile shall be as per UP Government rules.

4.2 Direct Admission to Second Year through Lateral Entry Scheme

The Candidates of UP domicile, who have passed 3 or 4 year Diploma with a minimum 60% mark without grace from institutions recognized by the U.P. Board of Technical Education or equivalent in the relevant branch of Engineering/Technology as the one in which he/she intends to take admission in B.Tech. Programme shall be eligible for admission directly to the second year as per AICTE norms. The candidates of UP domicile, who have passed B.Sc. in Physics and Mathematics *as compulsory subject and any one from Chemistry/ Electronics/ Information Technology/ Computer Science/Biotechnology/Statistics etc. as optional subject*, with 60% marks without grace in aggregate from a recognized University shall also be eligible for admission in B.Tech. second year subject to availability of seats remaining from Diploma holders. The admission under this category shall be made through a National Level Entrance Examination conducted by the University.

5. PROGRAMME DURATION

- 5.1 The duration of all B. Tech. programmes shall be four academic years (eight semesters).
- 5.2 The duration for Diploma holder candidates admitted through lateral entry in Second Year shall be of three academic years (six semesters).
- 5.3 Maximum duration for completion of B. Tech. programme is six years while for Diploma holder candidates, it shall be five years. Additional relaxation of one year may be granted by the Vice Chancellor on case to case basis on specific recommendation of Head of the Department, concerned Dean of School and Dean of

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Academic Affairs. Admission of the candidates who are not able to complete their degree requirements in stipulated period shall automatically be cancelled.

5.4 Each semester shall have a minimum of 90 working days (including the days of examinations) or as prescribed by AICTE/ UGC from time to time.

5.5 There shall be two regular semesters in one academic year. The semester that begins in July (July to December) is known as the Odd Semester and the one that begins in January (January to May) is known as the Even Semester.

6. CHANGE OF BRANCH

6.1. Change of branch amongst the students in First year (having same eligibility qualifications) shall be allowed after the last date of admission in First semester of the B.Tech. programmes on the basis of merit in the JEE (Mains) against the vacant seats. In this regard an undertaking is to be given by the interested candidates.

6.2 Change in branch shall be allowed in the Second year (III semester) on the basis of (a) performance in B.Tech. First year (both semesters)(b) candidates allotted category and (c) branch choice preference to those who passed without any carryover subject to the guidelines prescribed by UP State Government.

6.3 After change of branch, the number of students in that branch shall neither fall below the sanctioned intake by more than seventy five percent nor go above the sanctioned intake. For this purpose, the intake refers to the total sanctioned intake in the class inclusive of NRI students but excluding the admissions granted on supernumerary seats such as the Government nominees, PMSSS, Kashmiri migrants students, lateral entry etc. The branch change option shall not be applicable to the NRI candidates, Government nominees and any other supernumerary seats.

6.4 A candidate admitted under Tuition Fee-Waiver (TFW) & *Economically Weaker Section (EWS)* category shall be eligible for branch change only in Fee Waiver & *EWS* category, *respectively*.

6.5 The last date of branch change in the III semester shall be August 31st of that year.

6.6 Further change of branch (after III semester) shall not be allowed in any case.

7. ATTENDANCE

7.1 Students are required to attend all the classes: lectures, tutorials, practical's, projects and other prescribed curricular and co-curricular activities. However, a condonation of 25 percent attendance may be granted in normal course during the semester.

7.2 A further relaxation of 15 percent can be granted by the Vice Chancellor on specific recommendations of the concerned Head of the Department/Dean of School, provided that the student was absent on medical grounds and / or due to any exigencies beyond the control of the student. In such cases a prior permission from concerned Head/Dean of School is required. In case of medical exigencies, the student is required to report immediately after the medical fitness issued by the hospital.

7.3 No student shall be allowed to appear in the Mid Semester / End Semester Examination of a subject, if he / she does not have requisite 75 percent (or requisite 60% after availing relaxation as per the provisions of **Clause 7.2**). Students not

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allowed to appear in the examination due to poor attendance shall be awarded 'U' grade such candidates, who do not fulfill the eligibility of minimum attendance in end semester examination have to register a fresh in subsequent year.

- 7.4 The attendance shall be counted from the date of start of academic session or the actual date of admission/registration. The commencement of classes shall begin one day after the date of registration.

8. CURRICULUM STRUCTURE

- 8.1 (A) The University follows a Credit Based Evaluation System. Every programme shall have a specific curriculum for all semesters (semester I to semester VIII) consisting of theory, practical, seminar and project work etc. The departments of University Schools are allowed minor modifications / adjustments in course distributions. Different types of courses and their credits are listed in Table 1.

Table 1. Different Types of Courses and their Credits

Different types of courses	Minimum credits
Basic Science Courses (BSC)	24
Engineering Science Courses (ESC)	29
Hum., Social Sc. & Management Courses (HSMC)	11
Program Core Courses (PCC)	63
Program Elective (PEC)	14
Open Elective Courses (OEC)	13
Seminar	2
Industrial Training	2
Project	14
Mandatory Courses (MC)	No Credits
Total	172

A maximum of 20% Elective Courses in Final Year only may be offered through Massive Open Online Courses (MOOC). However, the evaluation of such courses shall be through in-house examination. For evaluation of Mid Semester and End Semester Examinations, Subject Coordinators shall be nominated. Any other issue pertaining to selection of MOOC by a student shall be decided by the Committee constituted as per the provisions of Clause 9.7 of these Ordinances.

Each course is assigned a credit weightage depending upon the academic workload for a subject per week. One hour lecture / tutorial is equivalent to one credit while 2-3 hours practical / project work is equivalent to one credit. First Year students have a workload of 20 credits per semester while second year and onwards students have a work load of 22 credits per semester. Total workload for all B.Tech. degree programme of the University is uniformly 172 credits.

All the Chemical Engineering related subjects as recommended by Board of Studies (BoS) of Chemical Technology Departments taught by Department of Chemical Engineering are considered as PCC for the respective branches of Chemical Technology.

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8.1 (B) SEMESTER WISE COURSE STRUCTURE & EVALUATION SCHEME

B.TECH. (SCHOOL OF ENGINEERING/SCHOOL OF CHEMICAL TECH.)

I SEMESTER

Sr. No.	Course Type	Subject Code	Course Title	Credits (L-T-P)	Sessional Marks				ESM	Total Mark
					MSE	TA	Lab	Total		
1.	BSC			4(3-0-2)	15	20	15	50	50	100
2.	BSC			4(3-1-0)	30	20	-	50	50	100
3.	ESC			4(3-0-2)	15	20	15	50	50	100
4.	ESC			3(3-0-0)	30	20	-	50	50	100
5.	HSMC			3(2-0-2)	15	20	15	50	50	100
6.	HSMC			2(2-0-0)	30	20	-	50	50	100
Total Credits					20					

II SEMESTER

Sr. No.	Course Type	Subject Code	Course Title	Credits (L-T-P)	Sessional Marks				ESM	Total Mark
					MSE	TA	Lab	Total		
1.	BSC			4(3-0-2)	15	20	15	50	50	100
2.	BSC			4(3-1-0)	30	20	-	50	50	100
3.	ESC			3(3-0-0)	30	20	-	50	50	100
4.	ESC			3(0-0-6)	30	20	-	50	50	100
5.	ESC			4(3-0-2)	15	20	15	50	50	100
6.	ESC			2(0-0-4)	-	20	30	50	50	100
7.	MC (Non-credit)			2(2-0-0)	30	20	-	50	50	100
Total Credits					20					

III SEMESTER

Sr. No.	Course Type	Subject Code	Course Title	Credits (L-T-P)	Sessional Marks				ESM	Total Marks
					MSE	TA	Lab	Total		
1.	BSC			4(3-1-0)	30	20	-	50	50	100
2.	ESC			5(3-1-2)	15	20	15	50	50	100
3.	PCC			4(3-0-2)	15	20	15	50	50	100
4.	PCC			4(2-1-2)	15	20	15	50	50	100
5.	PCC			2(2-0-0)	15	20	15	50	50	100
6.	HSMC			3(3-0-0)	30	20	-	50	50	100
7.	MC (Non-credit)			2(2-0-0)	30	20	-	50	50	100
Total Credits					22					



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IV SEMESTER

Sr. No.	Course Type	Subject Code	Course Title	Credits (L-T-P)	Sessional Marks				ESM	Total Marks
					MSE	TA	Lab	Total		
1.	BSC			4(3-1-0)	30	20	-	50	50	100
2.	ESC			5(3-1-2)	15	20	15	50	50	100
3.	PCC			3(2-1-0)	30	20	-	50	50	100
4.	PCC			4(2-1-2)	15	20	15	50	50	100
5.	PCC			3(2-1-0)	30	20	-	50	50	100
6.	HSMC			3(3-0-0)	30	20	-	50	50	100
7.	MC (Non-credit)			2(2-0-0)	30	20	-	50	50	100
Total Credits					22					

V SEMESTER

Sr. No.	Course Type	Subject Code	Course Title	Credits (L-T-P)	Sessional Marks				ESM	Total Marks
					MSE	TA	Lab	Total		
1.	PCC			4(2-1-2)	15	20	15	50	50	100
2.	PCC			4(2-1-2)	15	20	15	50	50	100
3.	PCC			5(3-1-2)	15	20	15	50	50	100
4.	PCC			3(2-1-0)	30	20	-	50	50	100
5.	PCC			3(2-1-0)	30	20	-	50	50	100
6.	OEC (Maths)			3(3-0-0)	30	20	-	50	50	100
Total Credits					22					

VI SEMESTER

Sr. No.	Course Type	Subject Code	Course Title	Credits (L-T-P)	Sessional Marks				ESM	Total Marks
					MSE	TA	Lab	Total		
1.	PCC			4(3-1-0)	30	20	-	50	50	100
2.	PCC			3(2-0-2)	15	20	15	50	50	100
3.	PCC			3(2-1-0)	30	20	-	50	50	100
4.	PCC			3(2-1-0)	30	20	-	50	50	100
5.	PCC			3(2-1-0)	30	20	-	50	50	100
6.	PCC			3(3-0-0)	30	20	-	50	50	100
7.	OEC (Humanities)			3(3-0-0)	30	20	-	50	50	100
Total Credits					22					



VII SEMESTER

Sr. No.	Course Type	Subject Code	Course Title	Credits (L-T-P)	Sessional Marks				ESM	Total Marks
					MS E	TA	Lab	Total		
1.	PCC			2(2-0-0)	30	20	-	50	50	100
2.	PCC			3(2-0-2)	15	20	15	50	50	100
3.	PEC			3(3-0-0)	30	20	-	50	50	100
4.	PEC			3(3-0-0)	30	20	-	50	50	100
5.	OEC			3(3-0-0)	30	20	-	50	50	100
6.	Industrial Training			2(0-0-4)	-	50	-	50	50	100
7.	Seminar			2(0-0-4)	-	50	-	50	50	100
8.	Project			4(0-0-8)	-	50	-	50	50	100
Total Credits					22					

VIII SEMESTER

S r. N o.	Course Type	Subject Code	Course Title	Credits (L-T-P)	Sessional Marks				ESM	Total Marks
					MSE	TA	La b	Total		
1.	PEC			4(3-1-0)	30	20	-	50	50	100
2.	PEC			4(3-1-0)	30	20	-	50	50	100
3.	OEC			4(3-1-0)	30	20	-	50	50	100
4.	Project			10(0-0-20)	-	50	-	50	50	100
Total Credits					22					

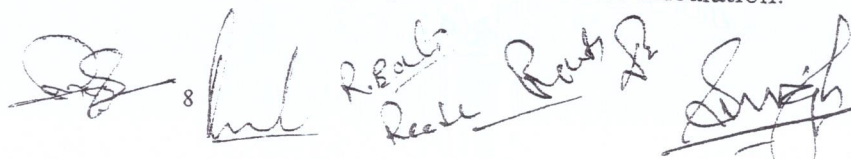
Total Programme Credits : 172

8.2 Seminar

Seminar is a course wherein a student is expected to do in-depth study on upcoming field of the respective branch and present it before a duly constituted Department Committee comprising of the concerned Head, Seminar In-charge and Supervisor. Seminar shall involve the state of the art, principles, design criteria and practical applications of the topic.

8.3 Industrial Training

Students shall have to undergo a 4 to 8 weeks industrial/practical training at the end of VIth Semester. This industrial training could be carried out in an industry, research organizations, other institute or any other organization of repute in the subject domain. Once the industrial training is complete, the student shall have to submit a report cum Training Diary to the concerned Head of Department through the In-charge, industrial Training. The evaluation of Industrial Training shall be done in the VIIth semester by a duly constituted Department Committee comprising of the Head, industrial Training In-charge and a senior faculty of the Department. Students who are selected and have undergone industrial Training/ Internship of eight weeks duration, a fifteen days relaxation will be allowed for registration without any late fee. This duration will be treated as academic leave for the purpose of attendance calculation.



8.4 Mandatory Courses

These are the courses which do not carry any credits but a student is required to pass these courses in order to be eligible for award of Degree.

8.5 NSS Training & University Student Activity Council (USAC) Programmes

The participation in any one activity group 'A' (NSS/Sports/Cultural) and any one activity in Group 'B' (Social & Print Media/ Technical/ Literary/ Hobby/ Photography/ Yoga) is compulsory (total two activity minimum) for all undergraduate students. The activities are meant for character building, physical fitness and sensitize the students towards social and national issues. Students are required to participate and complete the above activities up to first six semesters. Although these activities carry no credit but a students must have to obtain 'S' Grade for satisfactory performance in above indicated activities in each semester and will be certified by the respective conveners of the councils/ clubs/ programmes, however the decision of DSW/ Chairman USAC will be final.

9. GRADING AND EVALUATION SCHEME


9.1 Grading System

Students are evaluated out of a maximum 100 marks in each subject. On the basis of marks obtained by the student, grades shall be awarded as per the Grading Scheme presented in Table 2. Depending upon the performance of the student in all the subjects offered during the semester, Semester Grade Point Average (SGPA) shall be calculated.

Marks (Out of 100)	Grade Obtained	Grade Points	Description
90 and above	A+	10	Outstanding
80 and above	A	9	Excellent
70 and above	B+	8	Very Good
60 and above	B	7	Good
50 and above	C	6	Average
40 and above	P	5	Pass
Less than 40	F	0	Fail
	W	-	Withdrawn
	U	-	Short Attendance
	I	-	Incomplete
	S	-	Satisfactory in USAC Activities

9.2 Evaluation Scheme

The evaluation of performance shall comprise of continuous assessment throughout the semester in the Mid Semester Examinations, End Semester Examinations and Teachers' Assessment through class work and tutorials. Evaluation Scheme is presented in Table 3 for different types of courses.



Irrespective to marks/grade obtained by the student in a particular subject, it is mandatory to secure 40% marks in total (sessional and end semester examination) to pass that particular subject. Out of which minimum 30% (15 marks) in theory subject in end semester is essential. "I" grade shall be given to the students who leaves the course midway during the semester. "W" grade shall be given to the students who withdraw from a course during the semester. Students not allowed to appear in the examinations due to poor attendance shall be awarded "U" grade.

9.3 Calculation of SGPA, YGPA and CGPA

The performance of a student shall be evaluated in terms of *three* indices: Semester Grade Point Average (SGPA) which is Grade Point Average for a Semester, *Yearly Grade Point Average (YGPA) and* Cumulative Grade Point Average (CGPA) which will be calculated at the end of final semester cumulatively.

I. Semester Grade Point Average (SGPA)

$$\text{SGPA} = \frac{\sum (\text{Credit weight of a subject} \times \text{Grade point earned in the subject})}{\sum \text{Total credits for all subjects offered during Semester}}$$

II. Yearly Grade Point Average (YGPA)

$$\text{YGPA} = \frac{(\text{SGPA for odd sem} \times \text{Total credit of odd sem}) + (\text{SGPA for even sem} \times \text{Total credit of even sem})}{\text{Total credits offered in the current year (Odd and Even Semester)}}$$

III. Cumulative Grade Point Average (CGPA)

$$\text{CGPA} = \frac{\sum (\text{SGPA} \times \text{Semester total credits for all semesters})}{\text{Total credits of all eight semesters}}$$


The CGPA is calculated on the basis of all passed courses with 'P and above grades'. For Training & Placement requirements, CGPA of the student up to his/her recent completed semester may be computed for reporting purpose.

9.4 Award of Division

CGPA 7.500 or above	First Division with Honors
CGPA 6.500 or above	First Division
Below a CGPA 6.500	Second Division

9.5 Conversion of CGPA to Absolute Percentage

$$\text{CGPA} \times 10 = \text{Absolute Percentage}$$



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Table 3: Evaluation Scheme for Different Types of Courses

Sr. No.	Course Title	Sessional Marks				ESM	Total Marks
		MSE	TA	Lab	Total		
1.	Theory Course X (L-T-P)	30	20	-	50	50	100
2.	Theory cum Lab. Courses X (L-T-P)	15	20	15	50	50	100
3.	Lab Courses	-	20	30	50	50	100
4.	Seminar	-	50	-	50	50	100
5.	Industrial Training	-	50	-	50	50	100
6.	Project VII	-	50	-	50	50	100
7.	Project VIII	-	50	-	50	50	100

Internal Evaluation of Project in VII Semester will be conducted by the Departmental Committee. Evaluation of Project in VIII Semester will be conducted by External *and* Internal Examiners.

9.6 Make-up Examination

Students who are not able to appear in Mid Semester Examination for genuine reasons such as hospitalization or representing the University in Sports/ Conference etc. are required to seek PRIOR permission from their Head of Departments and Dean of the concerned School for grant of permission for Make-up Examination. **In case of hospitalization, a written intimation within 10 days of hospitalization is MANDATORY.** Make-up Examination will be conducted one week before the End Semester Examination and shall cover the whole syllabus till date.

9.7 Grant of Permission for Extended Internship

If a student gets an opportunity for Extended Internship / Industrial Project in India / Abroad for a period of six months after VII semester, he / she may be allowed to complete course work of VIII Semester through Massive Open Online Courses (MOOC). *In such situations, the grant of permission and modalities for drawing the equivalence of MOOC will be decided by a Committee comprising of the Dean of respective School, Head of the Department and two faculty members of the concerned Department.*

10. CARRYOVER EXAMINATION

Student with 'F' grade in any subject will be required to appear in the Carryover Examination in the subsequent years. However, there will be a special carryover exam in the final year and the Sessional Marks obtained by these students will remain the same as earned in the first attempt.

11. PROMOTION RULES & ACADEMIC CRITERIA FOR CONTINUATION (RE-ADMISSION & EX-STUDENTSHIP)

11.1 A candidate may be allowed Re-admission provided he/she satisfies one of the following conditions:

- (a) A student must secure a minimum *YGPA* of 4.000 **in current year** in order to be promoted to the next year. If a student fails to fulfill this requirement of 4.000 *YGPA*, he/she shall be considered 'Fail' and will have to repeat the year by taking Readmission **in the same class paying full annual fee** or opting for Ex-student status as per Clause 11.2.
- (b) A candidate who failed to appear in examination or he/she was not granted permission to appear in the examination.
- (c) A candidate who was detained by the University and subsequently was permitted to

take Re-admission.

11.2 Students having minimum 75% attendance (60% with medical/academic leave) in any (Odd/Even) semester shall be allowed to get registered as Ex-student with following conditions:

- (a) A candidate opting for Ex-studentship shall be required to register by paying only examination fee within 15 days from the start of the new session.
- (b) A candidate opting for Ex-studentship status shall be required to appear in all the theory and practical subjects in the End Semester Examinations of both semesters of the academic year. However, Sessional Marks of all subjects including Industrial Training, Seminar etc. shall remain the same as secured earlier.

12. AWARD OF DIVISION, RANK AND MEDALS

12.1 A candidate who completes the course requirements for B.Tech. programme securing 'P and above grades' in all the courses within the stipulated maximum duration for the B.Tech. programme shall be declared qualified for the award of degree subject to the fulfillment of the requirements of **Clause 11**.

12.2 A candidate who qualifies for the award of the degree securing 'P or above grades' in all the subjects in his/her first attempt in eight consecutive semesters (six consecutive semesters for Lateral Entry students) and secures a CGPA of 7.500 or above shall be awarded first division with honors.

12.3 A candidate who qualifies for the award of the degree by securing 'P or above grades' in all the subjects in the stipulated maximum duration for the B.Tech. programme and secures a CGPA of 6.500 and/or above shall be awarded FIRST DIVISION.

12.4 All other candidates who qualify for the award of degree by securing 'P or above grades' in all subjects in the stipulated maximum duration for the B.Tech. programme and secures a CGPA less than 6.500 shall be awarded second division.

12.5 Best three performers in each programme of study will be awarded Certificate of Merit. It is mandatory for such candidates to pass all the subjects in first attempt. The overall topper amongst all branches of study will be adjudged 'University Topper' on the basis of highest CGPA.

12.6 Following Medals shall be awarded annually by the University to the passing out students, subject to completion of his/her degree programme within stipulated four years from the date of admission without any carryover.

a. Chancellor's Medal

Topper of all B.Tech. programmes who secures First, Second and Third highest CGPA at the end of eight semesters in first attempt will be awarded Chancellor's Gold, Silver and Bronze Medal, respectively.

b. Vice-Chancellor's Medal

Students securing First, Second and Third highest CGPA at the end of eight semesters in each School in first attempt will be awarded Vice-Chancellor's Gold, Silver and Bronze Medal, respectively.

13. REGISTRATION AND ENROLMENT

13.1 The students must register at the beginning of each semester on the prescribed dates announced in the Academic Calendar, till she/he completes the programme. If a student does not register in a particular semester, his/her studentship may be

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cancelled. Any academic activity undertaken without registration by a student shall not be considered towards the fulfillment of requirements of his / her degree.

- 13.2 Registration should be carried out by the student himself / herself within stipulated date. A student is allowed registration for 10 working days including the date of registration with a fine of Rs.100 per day. Students will not be allowed to register after that date. Such students shall have to register at the start of next academic session.
- 13.3 Every student admitted to University will be provided a unique Roll Number. The Roll Number shall have nine digits. First two digits shall indicate the year of admission; next two the degree programme; next two the branch of study and last three digits the serial number of student. Every student will be identified by this Roll Number throughout his stay in the University.
- 13.4 Students with outstanding dues to the University or hostel, etc. shall be permitted to register only after clearing the outstanding dues.
- 13.5 In-absentia registration may be allowed only in rare cases with the permission of the Vice Chancellor in case of serious illness/ natural calamities/ unavoidable circumstances upon the recommendation of Dean of Academic Affairs.
- 13.6 Every student admitted and registered in the University shall be required to submit the Enrolment Form within one month of registration for getting enrolled with the University. Non-compliance will lead to cancellation of admission.

14. TEMPORARY DISCONTINUATION FOR PROMOTION TO STARTUP /ENTERPRENURIAL ACTIVITY

This facility will be available to the students of the University to promote startup/entrepreneurial activities. Maximum period of discontinuation shall be limited to two years. Such students on completion of degree shall be allowed by the University for Campus Placement provided that he / she shall apply through the Head of Department, Dean of concerned School and Dean of Academic Affairs to the Vice Chancellor in advance and obtain a written order to this effect. Clause 5.3 shall be relaxed to those students who opt for this facility.

15. USE OF UNFAIR MEANS

- 15.1 *If a student is found possessing unfair means (in form of written document, mobile phone, electronic gadget like Bluetooth device, programmable calculators) or using them in the Mid Semester Examination and the material recovered is relevant to the subject / paper, his / her entire Mid Semester Examination of all subjects of that semester will be cancelled and 'zero' marks will be awarded in Mid Semester Exams of all subjects of that Semester.*
- 15.2 *If a student is found possessing unfair means (in form of written document, mobile phone, electronic gadget like Bluetooth device, programmable calculators) or using them in the End Semester Examination and the material recovered is relevant to the subject / paper, his/her entire End Semester Examination of all subjects of that semester will be cancelled and 'zero' marks will be awarded in all the subjects of that semester.*
- 15.3 *In addition to either of the above charges at 15.1 or 15.2, if a student is found misbehaving with the teachers / staff or creating indiscipline in the examination premises, such students will be suspended from the University for one year.*

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15.4 For all other cases not covered in Clauses 15.1 to 15.3, the Chairman, Board of Examination of the University shall recommend punishment on case to case basis and obtain approval from the Vice Chancellor in accordance with the Clause 37.8 of the University Act.

16. **CHALLENGE EVALUATION, AWARD OF MARKS AND ELIGIBILITY OF TEACHERS FOR REVALUATION:**

A. Challenge Evaluation

- a. Challenge Evaluation of answer script will be carried out only for the latest semester whose result has been declared.
- b. The students of all B.Tech courses appearing for the University examinations are eligible to apply for revaluation of answer scripts in all theory subjects.
- c. There will be a single notification inviting applications from the students, to apply for Challenge Evaluation of Answer Scripts mentioning the last date.
- d. Students may apply for Challenge Evaluation by paying the requisite fee of Rs. 5000.00 (Rs. Five thousand only) per subject. This fee may vary in future as decided by the university. After the last date, additional time may be granted, subject to the approval from the competent authority. However, under such case, student will have to pay a late fine (non-refundable) for applying for Challenge Evaluation as decided by the university from time to time.
- e. A student cannot apply Challenge Evaluation of answer scripts in the subjects other than the THEORY subjects.
- f. After the last day of application for challenge evaluation, the Controller of Examination Office shall initiate the process of challenge evaluation as per the procedure detailed hereunder:
 - i. Each answer script marked for Challenge Evaluation will be revaluated by two evaluators.
 - ii. After the revaluation, if the difference between the marks awarded by the two re-evaluators is more than 20% of maximum marks of that subject, then such scripts shall be evaluated once again by a third examiner (who has not evaluated the script in the first revaluation).

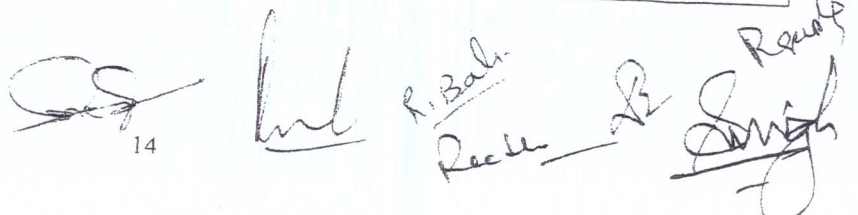
B. Award of Marks after Revaluation:

- i. If the average marks of two revaluators after revaluation is higher/lesser than the original marks, the revaluation marks shall be awarded to the students in that subject.
- ii. In case of revaluation as discussed in section 16.f(ii) marks to the student shall be awarded in following manner:

Case: I

If the difference of marks awarded by two revaluators is more than 20% of maximum marks for a given subject, and the answer script is revaluated by a third examiner, average of Two Nearest Marks shall be awarded.

First revaluation Marks	Second revaluation Marks	Difference between Ist & IInd revaluator	Third revaluation Marks	Final Marks after Revaluation
15	40	>20%	48	44
25	28	≤20%	Not. Reqd.	27



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Case: II

When the difference between the nearest two marks in the first, second and the third revaluation is approximately equal then average of Two Higher Marks shall be awarded.

First revaluation Marks	Second revaluation Marks	Difference between Ist & IInd revaluator	Third revaluation Marks	Final Marks after Revaluation
19	40	>20%	59	50

- In case of average being a fraction, for all above cases the awarded mark shall be rounded to the next higher number.
- The University will display the Original Marks, Marks after challenge evaluation, on the website and result of the subject will be upgraded/uploaded.

C. Eligibility of Teachers for Revaluation:

The faculty members who will be evaluating the script during revaluation must possess minimum five years of teaching experience and have experience of teaching that subject. If required, expert examiners from other University/Institutions may also be appointed as evaluators.

17. ELIGIBILITY FOR AWARD OF B. TECH. DEGREE

A student shall be eligible for the award of the B.Tech. Degree if he/she has:

- Registered and successfully passed all courses/subjects of the particular programme with 'P and above grades' *with a minimum CGPA of 5.000 or above at the end of programme* with other requirements of the programme as prescribed in the Ordinances or as prescribed by the University from time to time.
- Completed the requirements of USAC activities i.e. NSS, Games and Sports, Cultural / Literary activities etc.
- Has no dues to the University, Hostels, Library and USAC etc., and ;
- No disciplinary action is pending against the student.

18. STUDENT DISCIPLINE

All the students who seek admission will have to abide by the discipline norms of the University and follow conduct or discipline rules/anti ragging measures in the University. In case of any act of indiscipline demonstrated by the student, the student shall be liable for punishment. On the recommendation of Proctorial Board punishment may be awarded in terms of suspension for the semester, expulsion from the hostel, *withholding results, scholarships or other benefits*, barring from the placement facility and/or termination from the University. The decision of the Vice Chancellor shall be final and binding.

19. POWER TO MODIFY

Notwithstanding all that has been stated above, the Academic Council of the University has the right to modify partly or completely the provisions of above Ordinances with the approval of the Executive Council. Under extreme exceptional circumstances arising out of certain inconsistency in the Ordinance or otherwise, Vice Chancellor can take suitable decision in deference to the laid down provisions, provided academic standard is not compromised and the same shall be reported to the ensuing Academic Council/Executive Council with proper justification. Such actions of the Vice Chancellor shall not be treated as precedence under any circumstance.

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