अध्यादेश

भोपाल, दिनांक 7 जून 2017

क्र. आर-270-सीसी-2017-अड़तीस.—मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम, 2007 की धारा 29 (1) के अनुक्रम में एल.एन.सी.टी. निजी विश्वविद्यालय, भोपाल के पश्चातृवर्ती अध्यादेश क्र. 37-89 राज्य शासन के निर्देशों के अनुसार अधिनियम, 2007 की धारा 35 अनुसार प्रकाशित किया जाता है. संस्था के उक्त पश्चातृवर्ती अध्यादेश प्रकाशित होने की तारीख से प्रवृत्त होंगे.

पश्चातवर्ती अध्यादेश क्र. 37-89

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार,

Established under M. P. Act No. 17 of 2007   वीरन सिंह भलावी, अवर सचिव.

LNCT UNIVERSITY, BHOPAL
Ordinance No.37
BACHELOR OF TECHNOLOGY

Bachelor of Technology (B.Tech)

1. Aim and Objectives:

The degree "Bachelor of Technology" acronym as B.Tech shall be of four years (Eight semesters) in the branches of Engineering prevalent in the institute at a point of time based on Choice Based Credit System (CBCS).

1.1   NAME OF STATUTORY/REGULATORY BODY :- UGC/AICTE

2. Admission:

2.1 Admission is open to students of both sex without any distinction of caste, creed or color. However, those candidates against whom disciplinary action has been taken in the past or those with moral turpitude will not be granted admission to any class/course conducted by the university. Foreign student/NRIs nominated by the Government of India, against the seats reserved for them will also admitted.

2.2 Admission to B.Tech. course is on the basis of merit secured in joint entrance examination main (JEE Main), is an all India common engineering entrance examination of objective pattern which is conducted for admission in various engineering colleges and courses all over the countries.

2.3 Minimum qualification for admission to the first year of B.Tech. programme shall be qualifying higher secondary school certificate examination (10+2 scheme) of M.P. Board of Secondary education or equivalent securing at least 50% of aggregate marks (also securing pass marks/ grade in all subject individually conducted by M.P. Board of secondary education or equivalent examination for recognized board).

2.4 The admission to B.Tech. Programme shall be governed by rules of the technical education and training department, Government of Madhya Pradesh Bhopal and /or any other competent authority of the state government of Madhya Pradesh.

2.5 The reservation to SC/ST/OBC/PH candidates shall be applicable as per the norms of the state government of Madhya Pradesh.

2.6 Transfer of the candidates from other programme /courses/places shall not be permitted in the programme.

2.7 A candidate who has discontinued the course during any semester of first three years duration shall not be permitted to take readmission to the course.

2.8 Selected candidates will be admitted to the institute only when their records, certificates, marks etc. are verified from original documents on personal appearance. If it is found that the candidate has succeeded in getting admission to the institute on the basis of false/ incorrect information or with holding relevant facts or if any time after admission it is found that the admission was given to the candidate due to some mistake or over sight, admission granted to the candidate shall be liable to cancellation, without any notice, at any time during the course of his/ her studies.

2.9 Admission to four years (eight semesters) degree programme shall be take place through counseling on the basis of gazette notification issued by Government of Madhya Pradesh from time to time.

2.10 Admission to higher classes (registration):

2.10.1 Registration is very important procedural part of the academic system. Registration procedure ensures that the students name is on the name list of each course that he/she wants to study .No credits can be assigned if the students attend a course for which he/she not registered.

2.10.2 Registration for the various courses shall remain open for a period of ten days.

2.10.3 Registration of the courses to be opted by students would be done for in each semester as per the academic calendar notified by the university.

2.10.4 Late registration with a fee of 100/- will be permitted for a period up to seven days from the day of completion of the initial registration process(2.10.1)

2.10.5 Any student who is not registering will be considered as if he /she has withdrawn from the course on his/her on choice

2.10.6 A student may drop a course within first three weeks in consultation with faculty advisor.

2.10.7 Those students who have completed 130 credits up to fifth semester may go up to 208 credits by taking additional courses in the subsequent semesters. The extra credits taken by the students in a particular stream specifying the field is his/her choice. Such candidates shall be awarded a minor specialization while a student earns minimum of 200 credits.

2.11 Faculty Advisor

2.11.1 HOD of each department will assign a faculty member to the newly admitted class comprising of 60 students as

faculty advisor who shall remain attached with the same class till they pass out the programme. Faculty advisor shall help students to make choice of the courses before registration as per university ordinances, and enable student receive support and services required for him to complete the programme.

2.11.2 College/ Institute shall provide record of the students for which he is a faculty advisor for enabling him to discharge his duties in a meaningful manner.

2.11.3 Registration form of the candidate shall be signed by the faculty advisor.

3. Academic Calendar

The normal duration of the course leading to B.Tech degree will be eight semester. Each academic year shall be divided into two semesters. The academic session in each semester shall be provided for at least 14 teaching weeks. The semester that is typically from July to December is called the odd semester and the one that is from January to June is called the even semester. The exact date for the important academic events scheduled during the academic session shall be specified in the academic calendar. In particular the dates for the following events shall be specified:

Registration, Late registration, commencement of classes, examinations, submission of sessional/tutorials, vacation, extra-curricular activities etc. The academic calendar must be strictly adhered to, and all other activities including co-curricular and /or extra-curricular activities must be scheduled so as not to interface with the curricular activities as stipulated in the academic calendar.

4. Structure of B.Tech programme (choice based credit system)

4.1 The choice based credit system (CBCS) provides a 'cafeteria' type approach in which the students can take courses of their choice, learn at their own pace, undergo additional courses and acquire more than the required credits, and adopt an interdisciplinary approach to learning. It is desirable that the Higher Educational Institutions (HEI) move to CBCS and implement the grading system.

4.2 Course structure

4.2.1 Fundamental courses (FC): comprises course belonging basic science, engineering science, humanities, social science, and management core groups. These courses shall be specified by the university from time to time for

different disciplines/departments and are essential for an undergraduate degree.

4.2.2 **Departmental core courses (DC):** comprises introducing the student to the fundamentals, applications, and advances in the relevant branch of engineering. These courses shall be decided by the university from time to time.

4.2.3 **Elective courses (ELE):** These are departmental elective and open category elective distributed over eight semesters with two semesters per academic year.

4.2.4 **Mandatory learning courses (MLC):** These are courses that must be completed by the students at appropriate ---time.

4.2.5 **Project work (PW):** Project work may consist of major and mini project work offered by parent department

4.2.6 **Practical training (PT):** The students may complete the training before the beginning of seventh semester.

Table 1: The total course contents for a 4 year BE Degree Programme will typically consist of following Components

Sl No.	Course Structure	Abbreviation	Credits
1	Foundation Courses	FC	40- 55 Credits
	Basic Science Core Courses Engineering Science Core Courses Humanities and Social Science Core Courses		
2	Departmental Core Courses	DC	> = 60 Credits
3	Elective Courses	ELE	> = 40 Credits
	An elective course can be any of the following		
	Program specific electives		
	Open Electives		
4	Project (Mini and Major Project)	MP	8-12 Credits
5	Mandatory Learning Courses	MLE	7 Credits
		Total	180 Credits

4.3 For the award of degree in any branch of four years degree programme, a student has to earn a minimum of 180 credits.

4.4 There shall be at least 14 weeks of teaching in every semester.

4.5 The curriculum and syllabi of each programme shall be notified by the university from time to time after due consultation process.

4.6 Conduct hours and credits: The norms for course credits are as follows:

Lectures/Tutorials – one hour per week is assigned one credit

Practical – two hours session per week is assigned one credit   डॉ. (श्रीमति) चित्रलेखा चौहान

For example: A theory course with L-T-P schedules 2-1-0 will be assigned three credits

L	T	P	C
2	1	0	3

A Laboratory practical course with a L-T-P schedules of 0-0-2 will be assigned one credits

L	T	P	C
0	0	2	1

4.7 lower and upper limit for course credits registered in a semester by a full time student of a degree programme:

     Lower limit – 16 credits

     Upper limit – 26 credits

4.8 A student can move next level (second year) only if he/she secures minimum of 22 credits at the end of first year.

4.9 The maximum duration for a student for complying of the degree requirement is eight year from the date of registration for the first semester.

The subjects listed in the semester first and second will be in floating mode except the mathematics – I & II .Institute will be free to make their own pool of subjects with total number of credits not exceeding 26 per semester.

4.10 It is mandatory for a student to earn the required credits as mentioned in each semester i.e. he/she to total of 52 credits in first year.

4.11 A student will be eligible to move to next level (i.e. second year) only if he/she secures minimum 22 credits at the end of first year. However in such cases he/she has to earn the remaining 32 credits as end when he/she chooses to opt for in the subsequent semesters.

4.12 Criterion for pool performance at the end of second registered semester

Table 2: Criterion for pool performance at the end of second registered semester

Performance level	Earned Credits	Decision
Poor	<22	Restart (once only) or termination of registration

4.13 If a student chooses to restart after the first two registered semester then he/she credits earned will be carried over.

5. Minimum credit threshold:

5.1 Students depending on their pace of learning may decide the time and duration of their degree.

5.2 At the end of each semester, student performance will be monitored by the following criterion as mentioned in Table 3. A student can move to the next level (i.e. year) after earning the minimum credits, if he/she fails to earn the minimum credit threshold limit then, he/she has to re-register again in the next academic year.

Table 3: Check point for Credit Threshold

Check Point	Credit Threshold
End of First Year	22
End of Second Year	46
End of Third Year	70
End of Fourth Year	94

5.3 If the student fails to earn 22 credits at the end of second semester as stated above, he/she will get a chance to restart first/second semester again. However he/she can carry over the previously earned credits.

5.4 If a student after eight semesters are short by eight credits will be permitted to register for the same number of credits in the summer at a place to be decided by the university to enable him to complete the degree in the specified period.

6. Branch Up-gradation:

6.1 The branch up-gradation will be considered only at the end of first year, the performance based on merit during the first year will be the basis for consideration for change of branch.

6.2 All the students who have successfully completed the first year of the course will be eligible for consideration for branch up-gradation, subject to the availability of vacancy in the particular branch, under no circumstances, the total intake cannot exceed the sanctioned intake by AICTE in that particular branch excluding fee waiving scheme.

7. Attendance requirement:

7.1 Candidates appearing as regular students for any semester examination are required to attend 75% of the lectures delivered and the practical classes held separately in each subject of the programme of the study, provided that a shortfall in attendance up to 10% and further 5% can be condonated by the principal of college and vice chancellor of university.

7.2 Attendance required will be maintained based upon the roll calls (or any equivalent operation) in every schedule lecture, tutorial and practical classes. The course coordinator will maintain and consolidated. (श्रीमती चित्रलेखा वर्मा) attendance record for the

course(lectures/tutorials/practical together as applicable).Head of the institute shall be responsible for maintaining the attendance records for the course run by the institute.

8. Examination:

8.1 There will be one university examination at the end of each semester. These examinations will be designed as follows:

   (i) During first year   : First semester B-Tech, Exam
                           Second semester B-Tech, Exam
   (ii) During second year: Third semester B-Tech exam
                           Fourth semester B-Tech exam
   (iii) During third year: Fifth semester B-Tech exam
                           Sixth semester B-Tech exam
   (vi) During fourth year: Seven semester B-Tech exam
                           Eighth semester B-Tech exam

8.2 The semester examination will generally be held in December/January and May/June in each year.

8.3 Earning credits: At the end of every semester, a letter grade is awarded in each course for which the student is registered. On obtaining pass grade, the student accumulates the course credits as earned credits.

8.4 Major project evaluation: At the completion of major project, the student will submit a project report which will be evaluated by panel of duly appointed internal and external examiner

9. Award of credits & Grade

9.1 In each semester, the institute will be required to conduct two mid-semester test required to conduct two mid-semester test with a provision of one extra module-up test for theory.
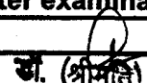
9.2 Each student, required for a non-examination course, shall be awarded grade by the concerned faculty for the specific course the grade shall be awarded on the basis of student's performance in various quiz/assignments/laboratory work/class work /mid-semester test.

9.3 University from time may instruct the institutes to optimize their process of evaluation.

9.4 The distribution of weight age/marks for examination based courses shall be as mentioned below.

(a) Theory Block
(b)

i	Quizzes, assignments and regularity	10%
ii	Mid – semester test -	30%
iii	End – semester examination-	60%
	Total	100%

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(c) Practical Block

i	Lab work and performance, quizzes/assignments and regularity -	80%
ii	End – semester examination-	20%
	Total	100%

9.5 A unified practical examination (online)for all the practical's mentioned in respective scheme except the major project will be conducted by the university on a notified date before/ after the end semester theory examinations.

9.6 The questions for this on line examination will be drawn from the experiments working principles and their procedures, data collection & its interpretation and results achieved during experiments.

9.7 Major project viva-voce examination will be conducted by a panel of duly appointed interval & external examiners by the university.

10. Letter Grade & Grade point system

Each student, registered for a course shall be awarded grade by the concerned faculty/faculties for the specific subject/paper.

10.1 The grades awarded to the students shall depends upon his continuous evaluation through performance in various examinations, assignments, quizzes, laboratory work, class work, minor test & regulatory. The grades to be used and their numerical equivalents are mentioned in Table-4.

Table 4: Credit Based Grading System

% Marks range (based on absolute marks system)	Grade	Grade point	Description of performance
91-100	A^+	10	Outstanding
81-90	A	9	Excellent
71-80	B^+	8	Very Good
61-70	B	7	Good
51-60	C^+	6	Average
41-50	C	5	Satisfactory
31-40	D	4	Marginal
30 & below	F	0	Fail
	I	0	Incomplete
	W	0	Withdrawal

10.2 Semester Grade points Average(SGPA)shall be calculated as under:

$$SGPA = \frac{\sum_{i=1}^{n} C_i P_i}{\sum_{i=1}^{n} C_i}$$

Where C_i is the number of credits offered in the ith subject of a semester for which   SGPA is to be calculated, P_i is the corresponding grade point earned in the ith subject   Where i=1,2,3......n are the number of subjects in that semester

$$CGPA = \frac{\sum_{j=1}^{m} SG_j NC_j}{\sum_{j=1}^{m} NC_j}$$

Where NC_j is the number of total credits offered in the Jth semester, SG_j is the SGPA earned in the jth semester where j=1,2,3.......m are the Number of semesters in that course.

11. Award of Division:

Division shall be awarded only after the eighth semester (final semester) examination based on integrated performance of the candidate for all the 4 years as per following details:

CGPA score	Divisions
7.5 ≤ CGPA	First Division with Honours
6.5 ≤ CGPA <7.5	First Division
5.0 ≤ CGPA < 6.5	Second Division

The conversion from grade to an equivalent percentage in a given academic program shall be according to the following formula applied as:

% marks scored = CGPA obtained × 10

12. Merit List

Final merit list of first three candidates in the order of merit shall be declared by the university only after the main examination of final semester for B.Tech programme, on the basis of the integrated performance of all the semesters. The merit list shall include the first three candidates securing at least first division and passing all semesters in single attempts.

13. Medium of Instructions

The medium of instruction and examination shall be English throughout the programme of study.

14. Condonation of Deficiency

14.1 Deficiency up to three marks can be condoned in any one of the subject (theory & practical) to the best of the advantage of the student for passing the examinations the deficiency can be condoned is not more than two subjects (theory & practical of the same subject shall be considered as two separate subjects for the purpose of awarding grace).

14.2 A candidate securing minimum passing grades in all theory and practical papers but failing to secure minimum CGPA of 5.0 shall be condoned by a margin of 0.01 CGPA.

14.3 The candidate whose distinction or first division is affected by 0.01 of CGPA shall be eligible for condonation of 0.01 CGPA on behalf of vice-chancellor for which the candidate has to apply separately.