GURU NANAK INSTITUTIONS
· Engineering · BDS · MDS · Pharmacy · MBA · PGDM

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GURU NANAK INSTITUTE OF TECHNOLOGY

Minutes of Meeting

Academic Council

(Academic Year 2021 – 22)

18.02.2022 at 10.00 AM

Venue: Board Room, GNIT

Academic Council Meeting No.1/2021-2022

Venue: Board Room, Principal Office, GNIT Date: 18.02.2022 at 10.30 a.m.

MINUTES

Meeting of the Academic Council convened in the Board Room, Principal Office. The following distinguished members have attended the meeting:

Members Present:

S.No.	Name and Designation	Position in Academic Council
1	Dr. S. Sreenatha Reddy Principal, GNIT	Chairman
2	Dr. H. S. Saini Managing Director, GNI	Member (Chairman BOG)
3	Dr. J. Suresh Kumar, Professor of ME, JNTUH, CEH.	Member (University Nominee)
4	Dr. K. M. Lakshmana Rao, Professor of Transportation Engg, JNTUH, CEH	Member (University Nominee)
5	Dr. A. Raghuram, Professor of EEE, JNTUH, CEH	Member (University Nominee)
6	Dr. M. Madhavi Latha Professor (ECE) & Director (Academic & Planning) JNTUH	Member (Nominee by BOG)
7	Dr. P. Ramesh Babu Professor (ME), Osmania University	Member (Nominee by BOG)
8	Prof. Srinivasulu Tadisethy Dean Faculty of Engineering & Technology, KU Principal University College of Engg. & Tech. For Women	Member (Nominee by BOG)
9	Mr. Meka Venkata Chalapathy Head, VIRTUSA, Hyderabad	Member (Industry Nominee)
10	Dr. B. Vijay Kumar Professor & HOD (ME), GNIT	Member (Ex-officio HOD)
11	Dr. B. Santhosh Kumar Professor & HOD (CSE), GNIT	Member (Ex-officio HOD)
12	Dr. M. Sadish Senthil Professor & HOD (ET), GNIT	Member (Ex-officio HOD)

Minutes of the Academic Council Meeting

13	**Dr. Shatrughna Prasad Yadav** Professor & HOD (ECE), GNIT	Member (Ex-officio HOD)
14	**Mrs. K. Vijaya Lakshmi** Professor & HOD (CE), GNIT	Member (Ex-officio HOD)
15	**Dr. S. Jayanthi** Associate Professor & HOD (IT), GNIT	Member (Ex-officio HOD)
16	**Dr. Ch. Nagaraja Kumari** Associate Professor & HOD (EEE), GNIT	Member (Ex-officio HOD)
17	**Dr. B. Madhusudhan Reddy** Professor & HOD (MBA), GNIT	Member (Ex-officio HOD)
18	**Dr. G. Srinivas** Professor & HOD (H&S), GNIT	Member (Ex-officio HOD)
19	**Dr. R. Dhansekaran** Professor of Mechanical Engineering	Member
20	**Dr. S. M. Subash** Associate Professor of Civil Engineering, GNIT	Member
21	**Dr. N. Bhasker** Professor of Chemistry, GNIT	Member
22	**Mr. Y. Radha Krishna** Associate Professor of English, GNIT	Member
23	**Dr. V. Sesha Sai Kumar** Assistant Professor of Physics, GNIT	Member
24	**Dr. A. K. Goyal** Controller of Examinations, GNIT	Member (Ex-officio)
25	**Dr. Sanjeev Shrivastava** Professor (CSE) & (Dean Academics and R&D), GNIT	Member Secretary

Dr. S. Sreenatha Reddy, Chairman, Academic Council, welcomed all the members of the council and introduced the members to the council and briefed about the institute, activities and achievements of the institute. Dr. Sanjeev Shrivastava, Member Secretary presented the points related to academics. Dr. S. Sreenatha Reddy, Chairman, Academic Council, presented the agenda of meeting.

The minutes of the meeting as per the agenda and item, is given below:

Minutes of the Academic Council Meeting

Agenda Point No.1 – New course: B. Tech Artificial Intelligence and Data Science

The Academic Council appreciated the management and staff for taking initiation to include new course B. Tech Artificial Intelligence and Data Science as it is one of the emerging technologies. The council approved the new course.

Agenda Point No.2 - Approval of 2 nominees for BOS of B. Tech Artificial Intelligence and Data Science and reframing of BOS for B. Tech Electrical & Electronics Engineering.

The council approved the following members for BOS of B. Tech Artificial Intelligence and Data Science.

S.No.	Role	Name & designation
1	Chairman	**Dr. M. Sadish Sendil** Professor & Head, GNIT
2	JNTUH Nominee	**Dr. S. Vishwanadha Raju** Professor of CSE, JNTUH UCoE, Jagtial
3	Academic Council Nominee	**Dr. M. Swami Das** Professor of CSE & Joint Director-Academics (Informatics), Chaitanya Bharathi Institute of Technology, Hyderabad
4	Members	All faculty members of the Department
5	Academic Council Nominee	**Dr A Nagesh** Professor of CSE, Mahatma Gandhi Institute of Technology, Hyderabad
6	Industry Representative	**Mr. Pallavi Behara** Associate Manager, Accenture, Hyderabad
7	Alumni	**Mr. J. Raju**

The council approved the following BOS of B. Tech Electrical & Electronics Engineering

S.No.	Role	Name & designation
1.	Chair, BOS	**Dr. Nagaraja Kumari CH.** Associate Professor & HOD, EEE, GNIT
2.	JNTUH Nominee	**Dr. N. Yadaiah,** Professor of EEE, JNTUH CEH
3.	Academic Council Nominee	**Dr. D. Ravi Kumar,** Associate Professor of EEE, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad

Minutes of the Academic Council Meeting

4.	Academic Council Nominee	**Dr. B. Mangu,** Professor, Department of Electrical Engineering, University College of Engineering(A), Osmania University, Hyderabad
5.	Expert Academician	**Dr. Narasimharaju B L,** Associate Professor of EEE, NIT Warangal
6.	Members	All faculty members of the Department
7.	Industry Representative	**Mr. Mushtaq Ahmed** Director, Sure Energy Systems, Hyderabad
8.	Alumni	**Mr. K. Vishnu Vamshi,** HR, TCS, Hyderabad

Agenda Point No. 3 – Approval of first year course structure and syllabus for B. Tech Artificial Intelligence and Data Science

All the Academic Council members approved the first year course structure and syllabus of B. Tech Artificial Intelligence and Data Science as per first year course structure and syllabus of B. Tech CSE (Artificial Intelligence and Machine Learning).

Agenda Point No. 4 – Approval of 4 years course structure and I & II years syllabus for B. Tech Artificial Intelligence and Data Science

All the Academic Council members approved the 4 years course structure and syllabus for I and II year of B. Tech Artificial Intelligence and Data Science in R20 regulations. The members approved to implement the course structure and syllabus as enclosed in **Annexure – 1.**

Agenda Point No. 5 – Approval of Syllabus for III year and IV year B. Tech

The Academic Council approved the syllabus proposed by BOS for III year and IV-year B. Tech Civil Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Electronics & Communication Engineering, Computer Science Engineering, Information Technology, Computer Science Engineering (Artificial Intelligence and Machine Learning), and Computer Science Engineering-Cyber Security. The honorable members also approved the Lab masters of all UG and PG programs. The detailed syllabus and lab masters are enclosed in **Annexure -2.**

Agenda Point No. 6 – Minor & Honours Program in B. Tech

The Academic Council approved the B. Tech Minor & Honours program and approved to implement in R20 regulation from this academic year 2021-22 as given in **Annexure- 3.**

Minutes of the Academic Council Meeting

Agenda Point No. 7 – Moderation in Semester-End Question Paper, Evaluation and Promotion.

The Academic Council approved the policy of Moderation in Semester-End Question Paper. The honorable members have approved the evaluation process and promotion rules. All the members of academic council have given approval to exempt the credit-based detention for the academic year 2021-22.

The council approved the academic calendars of all courses. All the documents are enclosed in **Annexure – 4.**

Agenda Point No. 8 – Empowering Principal - GNIT to take emergency and time bound compliance related decisions

The honorable Academic Council members have given approval to empower the principal, GNIT to take emergency and time bound compliance related decisions as and when required.

Agenda Point No. 9 - Any Other Points

Dr. P. Ramesh Babu, asked about 'Intellectual Property Rights (IPR)' and the number of credits allotted to it. The Chairman clarified that IPR is included under mandatory courses.

Dr. Raghuram enquired about inclusion of mandatory courses like Constitution of India, Environmental Science. The Chairperson clarified about the inclusion of mandatory courses like Constitution of India, Environmental Science, Gender Sensitization, etc. in course structure.

The members asked about the total number of credits for B. Tech Course and Internal and external exam weightage. The Chairperson has informed that 160 credits are allotted. The Chairman further clarified that the marks weightage for internal examinations is 30, for external examinations is 70.

Dr. P. Ramesh Babu and Mr. M. Venkata Chalapathy suggested that some credits should be added to the NPTEL, MOOCS courses.

Dr. Chalapathy has asked about inclusion of 'Life Skills' and 'Ethics', Chairman has clarified that they are included in the curriculum. He suggested conducting Psychometric testing which is required to explore an individual's suitability for an organization by measuring traits such as intelligence levels, values and behaviors.

The meeting has been concluded with the vote of thanks to all the members of the academic council.

Dr. S. Sreenatha Reddy

Chairman Academic Council

Copy to:

1. All the Honorable members of Academic Council
2. Honorable VC – for information please
3. Honorable MD – for information please
4. GNIT Office

Minutes of the Academic Council Meeting

GURU NANAK INSTITUTE OF TECHNOLOGY

Academic Council Meeting No.1/2021-2022

Venue: Board Room, Principal Office, GNIT Date: 18.02.2022 at 10.30 a.m.
Attendance Sheet

S.No.	Name and Designation	Position in Academic Council	Signature
1	**Dr. S. Sreenatha Reddy** Principal, GNIT	Chairman Academic Council	
2	**Dr. H. S. Saini** Managing Director, GNI	Member (Chairman BOG)	
3	**Dr. J. Suresh Kumar,** Professor of ME, JNTUH, CEH.	Member (University Nominee)	
4	**Dr. K. M. Lakshmana Rao,** Professor of Transportation Engg, JNTUH, CEH	Member (University Nominee)	
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6	**Dr. M. Madhavi Latha** Professor (ECE) & Director (Academic & Planning) JNTUH	Member (Nominee by BOG)	
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Continued

GURU NANAK INSTITUTE OF TECHNOLOGY

11	**Dr. B. Santhosh Kumar** Professor & HOD (CSE), GNIT	Member (Ex-officio HOD)	
12	**Dr. M. Sadish Senthil** Professor & HOD (ET), GNIT	Member (Ex-officio HOD)	
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21	**Dr. N. Bhasker** Professor of Chemistry, GNIT	Member	
22	**Mr. Y. Radha Krishna** Associate Professor of English, GNIT	Member	
23	**Dr. V. Sesha Sai Kumar** Assistant Professor of Physics, GNIT	Member	

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24	**Dr. A. K. Goyal** Controller of Examinations, GNIT	Member (Ex-officio)	
25	**Dr. Sanjeev Shrivastava** Professor (CSE) & (Dean Academics and R&D), GNIT	Member Secretary	

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NAAC A+ & NBA Accredited, Approved By AICTE, New Delhi & Affiliated to JNTUH
HyderabadKhanapur Village, Ibrahimpatnam, Ranga Reddy Dist, Telangana -501506.

R 20 ACADEMIC REGULATIONS

For

B.TECH. FOUR YEAR DEGREE COURSE
(Applicable for the batches admitted from 2020-2021)

1   Under-Graduate Degree Programme in Engineering

Guru Nanak Institute of Technology offers a 4-year (8 semesters) **Bachelor of Technology** (B.Tech.) degree programme, under Choice Based Credit System (CBCS). With effect from the academic year 2020-21 onwards, in the following Branches of Engineering.

S No	Branch Code	Branch
I	01	Civil Engineering
II	02	Electrical and Electronics Engineering
III	03	Mechanical Engineering
IV	04	Electronics and Communication Engineering
V	05	Computer Science and Engineering
VI	12	Information technology
VII	62	Computer Science and Engineering(Cyber Security)_
VII	66	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
VIII	72	Artificial Intelligence and Data Science (From AY 2021-22)

2   ELIGIBILITY FOR ADMISSION

2.1   Admission to the under graduate (UG) programme shall be made either on the basis of the merit rank obtained by the qualifying candidate at an entrance test conducted by the Telangana State Government (EAMCET) or the University or on the basis of any other order of merit approved by the Government of Telangana, from time to time.

2.2   The medium of instruction is **English**.

3   B.Tech. PROGRAMME STRUCTURE

3.1   A student after securing admission shall complete the B.Tech. programme in a minimum period of four academic years (8 semesters), and a maximum period of **eight** academic years (16 semesters) starting from the date of commencement of first year first semester, failing which student shall forfeit seat in B.Tech course. Each student shall secure 160 credits (with CGPA ≥ 5) required for the completion of the under graduate programme and award of the B.Tech. Degree.

3.2   **UGC/ AICTE** specified definitions/ descriptions are adopted appropriately for various terms and abbreviations used in these academic regulations/ norms, which are listed below.

3.2.1   Semester Scheme
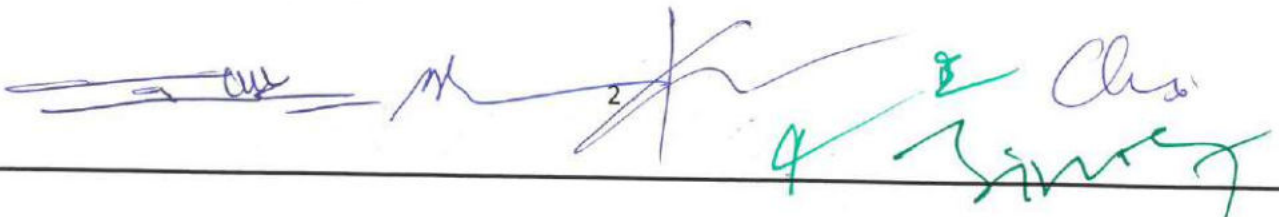
Each under graduate programme is of 4 academic years (8 semesters) with the academic year divided into two semesters of 22 weeks (≥ 90 instructional days) each, each Semester having - 'Continuous Internal Evaluation (CIE)' and 'Semester End Examination (SEE)' under Choice Based Credit System (CBCS) indicated by UGC, and curriculum/ course structure as suggested by AICTE are followed.

3.2.2   Credit Courses

All subjects/courses are to be registered by the student in a semester to earn credits which shall be assigned to each subject/ course in an L: T: P: C (lecture periods: tutorial periods: practical periods: credits) structure based on the following general pattern.

- One credit for one hour/ week/ semester for theory/ lecture (L) courses or Tutorials (T); and,
- One credit for two hours/ week/ semester for laboratory/ practical (P) Courses.

Courses like Environmental Science, Indian Constitution, Induction Program are mandatory courses. These courses will not carry any credits.

3.2.3 Subject/Course Classification

The College has followed almost all the guidelines issued by AICTE/ UGC All subjects/courses offered for the UGP in E&T (B.Tech. degree programmes) are broadly classified as follows.

S. No.	Broad Course Classification	Course Group / Category	Course Description
1		BS – Basic Sciences	Includes mathematics, physics and chemistry subjects
2	Foundation Courses (FnC)	ES –Engineering Sciences	Includes fundamental engineering subjects
3		HS – Humanities and Social sciences	Includes subjects related to humanities like English, social sciences and management
4	Core Courses (CoC)	PC – Professional Core	Includes core subjects related to the parent discipline/ department/ branch of Engineering.
5		PE – Professional Electives	Includes elective subjects related to the parent discipline/department/ branch of Engineering.
6	Elective Courses (EℓC)	OE – Open Electives	Elective subjects which include inter- disciplinary subjects or subjects in an area outside the parent discipline/ department/ branch of Engineering.
7		Project Work	B.Tech. project or UG project or UG major project or Project Stage I & II
8	Core Courses	Industrial training/	Industrial training/ Summer Internship
		Mini- project	Industrial Oriented Mini-project/ Mini-project
9	Core Courses	Seminar	Seminar based on core contents related to parent discipline/ department/ branch of Engineering.
10	Minor courses	-	1 or 2 Credit courses(subset of HS)
11	Mandatory Courses (MC)	-	Mandatory courses (non-credit)

4 COURSE REGISTRATION

4.1 A 'faculty advisor or counselor' shall be assigned to a group of 20 students, who will advise the students about the UGP, its course structure and curriculum, choice/option for subjects/ courses, based on their competence, progress, pre-requisites and interest.

4.2 The academic section of the college invites 'registration forms' from students before the beginning of the semester through 'on-line registration', ensuring 'date and time stamping'. The on-line registration requests for any 'current semester' shall be **Completed before the commencement of SEEs (Semester End Examinations) of the 'preceding semester'.**

4.3 A student can go for **on-line** registration, **only after** obtaining the 'written approval' from faculty advisor/ counselor, which should be submitted to the college academic section through the Head of the Department. A copy of it shall be retained with Head of the Department, faculty advisor/ counselor and the student.

4.4 A student may be permitted to register for all the subjects/ courses in a semester as specified in the course structure with maximum additional subject(s)/course(s) limited to 4 credits, based on **progress** and SGPA/ CGPA, and completion of the '**pre- requisites**' as indicated for various subjects/ courses, in the department course structure and syllabus content.

4.5 Choice for '**additional subjects/courses**' must be clearly indicated, which needs the

specific approval and signature of the faculty advisor/ counselor.

4.6 If the student submits ambiguous choices or multiple options or erroneous entries during **on-line** registration for the subject(s)/course(s) under a given/ specified course group/ category as listed in the course structure, only the first mentioned subject/ course in that category will be taken into consideration.

4.7 Subject/ course options exercised through **on-line** registration are final and **cannot** be changed or inter- changed; further, alternate choices also will not be considered. However, if the subject/ course that has already been listed for registration by the Head of the Department in a semester could not be offered due to any unforeseen or unexpected reasons, then the student shall be allowed to have alternate choice either for a new subject (subject to offering of such a subject), or for another existing subject (subject to availability of seats). Such alternate arrangements will be made by the head of the department, with due notification and time-framed schedule, within **one week** after the Commencement of class-work for that semester

4.8 Dropping of subjects/ courses may be permitted, only after obtaining prior approval from the faculty advisor/ counselor 'within a period of 15 days' from the beginning of the current semester.

4.9 **Open Electives**: The students have to choose three open electives (OE-I, II & III) from the list of open electives given. However, the student cannot opt for an open elective subject offered by his own (parent) department.

4.10 **Professional Electives**: The students have to choose six professional electives (PE-I to VI) from the list of professional electives given.

5 ELECTIVES COURSES TO BE OFFERED

5.1 An elective course may be offered to the students, **only** if a minimum of 20 students (1/3 of the sanctioned strength) opt for it. The maximum strength of a section is limited to 80 (4/3 of the sanctioned strength).

5.2 More than **one faculty member** may offer the **same subject** (lab/ practical may be included with the corresponding theory subject in the same semester) in any semester. However, selection of choice for students will be based on - **'first come first serve** basis and CGPA criterion' (i.e. the first focus shall be on early **on- line entry** from the student for registration in that semester, and the second focus, if needed, will be on CGPA of the student).

5.3 If more entries for registration of a subject come into picture, then the Head of the Department concerned shall decide, whether or not to offer such a subject/ course for **two (or multiple) sections**.
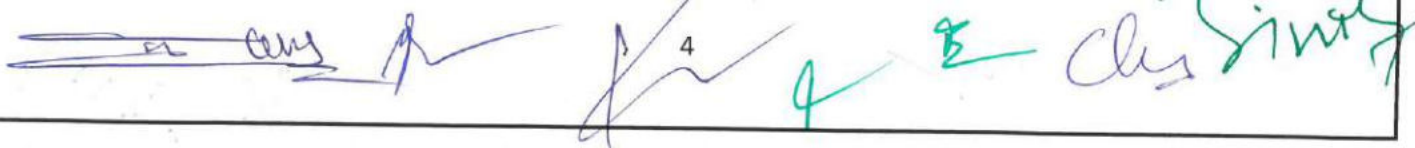
6 ATTENDANCE REQUIREMENTS

6.1 A student shall be eligible to appear for the semester end examinations, if the student acquires a minimum of 75% of attendance in class work aggregate of all the subjects/ courses (including attendance in mandatory courses like Environmental Science, Indian Constitution, Induction Program, sports/ NCC/ NSS etc) for that semester.

6.2 Shortage of attendance in aggregate up to 10% (65% and above, and below 75%) in each semester may be condoned by the college academic council on genuine medical grounds, based on the student's representation with supporting evidence. To be submitted by the student as and when such requirement arises but not at the end of semester.

6.3 A stipulated fee shall be payable for condoning of shortage of attendance after obtaining in the condonation by college academic council.

6.4 Shortage of attendance below 65% in aggregate shall in no case be condoned.

6.5 Students whose shortage of attendance is not condoned in any semester are not eligible to take their end examinations of that s e m e s t er. They get detained and their registration for that semester shall stand cancelled. They w i l l not be promoted to the next semester. They may seek re-admission for all those subjects registered in that semesterin which the student is detained, by seeking re-admission into that semester as and when offered; if there are any professional electives and/ or open electives, the same may also be re- admission if offered. However, if those electives are not offered in later semesters, then alternate electives may be chosen from the **same** set of elective subjects offered under that category.

6.6 A student fulfilling the attendance requirement in the present semester shall not be eligible for readmission into the same semester.

7 ACADEMIC REQUIREMENTS

The following academic requirements have to be satisfied, in addition to the attendance requirements mentioned in item no.6.

7.1 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/ course, if student secures not less than 35% (25 marks out of 70 marks) in the semester end examination, and a minimum of 40% (40 marks out of 100 marks) in the sum total of the CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together; in terms of letter grades, this implies securing 'C' grade or above in that subject/ course.

7.2 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to Industry Oriented Mini Project/Summer Internship_ and seminar, if the student secures not less than 40% marks (i.e. 40 out of 100 allotted marks) in each of them. The student is deemed to have

failed, if he (i) does not submit a report on Industry Oriented Mini Project/ Summer Internship, or does not make a presentation of the same before the evaluation committee as per schedule, or (ii) does not present the

seminar as required in the IV Year I Semester, or (iii) secures less than 40% marks in Industry Oriented Mini Project/Summer Internship and seminar evaluations.

A student may reappear once for each of the above evaluations, when they are scheduled again; if the student fails in such 'one reappearance' evaluation also, the student has to reappear for the same in the next subsequent semester, as and when it is scheduled.

7.3 Promotion Rules

S. No.	Promotion	Conditions to be fulfilled
1	First year first semester to first yearsecond semester	Regular course of study of first yearfirst semester.
2	First year second semester to second yearfirst semester	(i) Regular course of study of first yearsecond semester. (ii) Must have secured at least 18 credits out of 36 credits i.e., 50% credits up to first year second semester from all the relevant regular and supplementary examinations, whether the student takes those Examinations or not.
3	Second year first semester to secondyear second semester	Regular course of study of second Yearfirst semester.

4	Second year second semester to third yearfirst semester	(i) Regular course of study of second Yearsecond semester. (ii) Must have secured at least 47 credits out of 78 credits i.e., 60% credits up to second year second semester from all the relevant regular and supplementary examinations, whether the student takes those Examinations or not.
5	Third year first semester to third yearsecond semester	Regular course of study of third year Firstsemester.
6	Third year second semester to fourth yearfirst semester	(i) Regular course of study of third Yearsecond semester. (ii) Must have secured at least 73 credits out of 122 credits i.e., 60% credits up to third year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.
7	Fourth year first semester to fourth yearsecond semester	Regular course of study of fourth year firstsemester.

7.4 A student (i) shall register for all courses/subjects covering 160 credits as specified and listed in the course structure, (ii) fulfils all the attendance and academic requirements for 160 credits, (iii) earn all 160 credits by securing SGPA ≥ 5.0 (in each semester), and CGPA (at the end of each successive semester) ≥ 5.0, (iv) passes all the mandatory courses, to successfully complete the under graduate programme. The performance of the student in these 160 credits shall be taken into account for the calculation of 'the final CGPA **(at the end of under graduate programme,** and shall be indicated in the grade card of IV-year II semester.

7.5 If a student registers for **'extra subjects'** (in the parent department or other departments/branches of Engg.) other than those listed subjects totaling to 160 credits as specified in the course structure of his department, the performances in those **'extra subjects'** (although evaluated and graded using the same procedure as that of the required 160 credits) will not be taken into account while calculating the SGPA and CGPA. For such **'extra subjects'** registered, percentage of marks and letter grade alone will be indicated in the grade card as a performance measure, subject to completion of the attendance and academic requirements as stated in regulations 6 and 7.1 – 7.4 above.

7.6 A student eligible to appear in the end semester examination for any subject/ course, but absent for it or failed (thereby failing to secure 'C' grade or above) may reappear for that subject/ course in the supplementary examination as and when conducted. In such cases, internal marks (CIE) assessed earlier for that subject/ course will be carried over, and added to the marks to be obtained in the SEE supplementary examination for evaluating performance in that subject.

7.7 A student **detained in a semester** due to shortage of attendance may be re- admitted in the same semester in the next academic year for fulfillment of academic

requirements. The academic regulations under which a student has been readmitted shall be applicable. However, no grade allotments or SGPA/ CGPA calculations will be done for the entire semester in which the student has been detained.

7.8 A student detained **due to lack of credits, shall be promoted to the next academic year only after acquiring the required credits.** The academic regulations under which the student has been readmitted shall be applicable to him.

7.9 A student detained **due to lack of credits, shall be promoted to the next academic year only after acquiring the required credits.** The academic regulations under which the student has been readmitted shall be applicable to him.

8 EVALUATION - DISTRIBUTION AND WEIGHTAGE OF MARKS

8.1 The performance of a student in each Semester shall be evaluated Subject-wise (irrespective of Credits assigned) with a maximum of 100 marks for Theory or Practical's or Seminar or Drawing/ Design or Industry oriented Mini-Project or Minor Course, etc; however, the B.Tech. Project Work (Major Project) will be evaluated for 200 Marks. These evaluations shall be based on 30% CIE (Continuous Internal Evaluation) and 70% SEE (Semester End Examination), and a Letter Grade corresponding to the % marks obtained shall be given.

8.2 For all Subjects/ Courses as mentioned above, the distribution shall be 30 marks for CIE, and 70 marks for the SEE. The semester end examinations will be conducted for 70 marks consisting of two parts viz. i) **Part-A** for 20 marks (10 x 2 marks), ii) Part-B for 50 marks. **Part-B** consists of five questions carrying 10 marks each. Each of these questions is from one unit and may contain sub-questions. For each question there will be an "either" "or" choice, which means that there will be two questions from each unit and the student should answer either of the two questions.

8.3 **a)** For Theory Subjects (inclusive of Minor Courses), during the Semester, there shall be 2 mid-term examinations for 30 marks each. Each mid-term examination consists of one objective paper for 5 marks, plus one subjective paper for 20 marks, with duration of 130 minutes (10 minutes for objective and 120 minutes for subjective papers). Further, there will be an allocation of 5 marks for Assignment Objective paper may be set with multiple choice questions, True/ False, fill-in the blanks, matching type questions, etc. Subjective paper shall be of end exam pattern

b) The first mid-term examination shall be conducted for the first 50% of the syllabus, and the second mid-term examination shall be conducted for the remaining 50% of the syllabus.

c) First Assignment should be submitted before the conduct of the first mid-term examinations, and the Second Assignment should be submitted before the conduct of the second mid-term examinations. The Assignments shall be as specified by the concerned subject teacher.

d) The first mid-term examination Marks and first Assignment Marks shall make one set of CIE Marks , and the second mid-term examination Marks and second Assignment Marks shall make second set of CIE Marks; and the better of these two sets of marks shall be taken as the final marks secured by the Student towards Continuous Internal Evaluation in that Theory Subject.

8.4 For Practical Subjects, there shall be a Continuous Internal Evaluation (CIE) during the Semester for 30 internal marks, and 70 marks are assigned for Lab./Practical End Semester Examination (SEE). Out of the 30 marks for internals, day-to- day work in the laboratory shall be evaluated for 20 marks; and for the remaining 10 marks - two internal practical tests (each of 10 marks) shall be conducted by the concerned laboratory teacher and the better of these two tests is taken into account. The SEE for Practical's shall be conducted at the end of the Semester by Two Examiners appointed by Head of the Department.

8.5 For the Subjects having Design and/or Drawing, (such as Engineering Graphics, Engineering Drawing, Machine Drawing, Production Drawing Practice, and Estimation), the distribution shall be 30 marks for CIE (20 marks for day-to-day work, and 10 marks for internal tests) and 70 marks for SEE. There shall be two internal tests in a Semester and the better of the two shall be considered for the award of marks for internal tests.

8.6 **a)** There shall be an Industry oriented Mini-Project, in collaboration with an Industry of the relevant specialization, to be registered immediately after III Year II Semester examinations, and taken up during the summer vacation for about eight weeks duration.

b) The Industry oriented Mini-Project shall be submitted in a Report form, and a presentation of the same shall be made before a Committee, it should be evaluated for 100 marks. The Committee shall consist of Head of the Department, the guide of Mini-Project and a Senior Faculty Member of the Department. **There shall be no internal marks for Industry oriented Mini-Project.** The Mini-Project shall be evaluated in the IV Year I Semester.

8.7 There shall be a Seminar Presentation in IV Year I Semester. For the Seminar, the student shall collect the information on a specialized topic, prepare a Technical Report and submit to the Department at the time of Seminar Presentation. The Seminar Presentation (along with the Technical Report) shall be evaluated by Two Faculty Members assigned by Head of the Department, for 100 marks. **There shall be no SEE or external examination for Seminar.**

If the student fails to present the Seminar as required in the IV year I Semester He may reappear for the seminar when they are scheduled again (within one month); if he fails in such 'one reappearance' evaluation also, he has to reappear for the same in the next subsequent Semester, as and when it is scheduled.

8.8 For NCC/ NSS/ NSO types of Courses, and/or any other Mandatory Non-Credit Course offered in a Semester, a 'Satisfactory Participation Certificate' shall be issued to the Student from the concerned authorities..

8.9 Each Student shall start the Project Work during the IV Year I Semester, as per the instructions of the Project Guide assigned by the Head of Department. Out of a total 200 marks allotted for the Project Work, 60 marks shall be for CIE (Continuous Internal Evaluation and 140 marks for the SEE (End Semester Viva-voce Examination). The Project Viva-voce shall be conducted by a Committee comprising of an External Examiner, Head of the Department and Project guide. Out of 60 marks allocated for CIE, 30 marks shall be awarded by the Project guide (based on the continuous evaluation of student's performance throughout the Project Work period), and the other 30 marks shall be awarded by a Departmental Committee consisting of Head of the Department and Project guide, based on the work carried out and the presentation made by the Student at the time of Viva-voce Examination.

8.10 No marks or letter grades shall be allotted for mandatory/non-credit courses. Only Pass/Fail shall be indicated in Grade Card.

9 GRADING PROCEDURE

9.1 Grades will be awarded to indicate the performance of students in each theory subject, laboratory/ practicals, seminar, Industry Oriented Mini Project, and project Stage – I & II. Based on the percentage of marks obtained (Continuous Internal Evaluation plus Semester End Examination, both taken together) as specified in item 8 above, a corresponding letter grade shall be given.

9.2 As a measure of the performance of a student, a 10-point absolute grading system using the following letter grades (as per UGC/AICTE guidelines) and corresponding percentage of marks shall be followed:

% of Marks Secured in a Subject/Course	LetterGrade	Grade Points
Greater than or equal to 90%	O (Outstanding)	10
≥80 and less than 90%	A (Excellent)	9
≥70 and less than 80%	A (Very Good)	8
≥60 and less than 70%	B+ (Good)	7
≥50 and less than 60%	B (Average)	6
≥40 and less than 50%	C (Pass)	5
Below 40%	F (FAIL)	0
Absent	Ab	0

9.3 A student who has obtained an 'F' grade in any subject shall be considered 'failed' and is required to reappear as a 'supplementary student' in the semester end examination as and when conducted. In such cases, internal marks in those subjects will remain the same as those obtained earlier.

9.4 To a student who has not appeared for an examination in any subject, **'Ab'** grade will be allocated in that subject, and he is deemed to have **'failed'**. A student will be required to reappear as a 'supplementary student' in the semester end examination, as and when conducted. In this case also, the internal marks in those subjects will remain the same as those obtained earlier.

9.5 A letter grade does not indicate any specific percentage of marks secured by the student, but it indicates only the range of percentage of marks.

9.6 In general a student shall not be permitted to repeat any subject/course(s) only for the sake of 'Grade Improvement' or 'SGPA/CGPA Improvement'. However, he has to repeat all the Subject/Courses pertaining to that Semester when he is detained due to shortage of attendance.

9.7 A student earns grade point (GP) in each subject/ course, on the basis of the letter grade secured in that subject/ course. The corresponding 'credit points' (CP) are computed by multiplying the grade point with credits for that particular subject/ course.

Credit points (CP) = grade point (GP) x credits .... For a subject/course

9.8 A student passes the subject/ course only when **GP ≥ 5 ('C' grade or above)**

9.9 The Semester Grade Point Average (SGPA) is calculated by dividing the sum of credit points (∑CP) secured from all subjects/ courses registered in a semester, by the total number of credits registered during that semester. SGPA is rounded off to two decimal places. SGPA is thus computed as

SGPA = $\left[\sum_{i=1}^{N} C_i G_i\right] / \left[\sum_{i=1}^{N} C_i\right]$ -----for each semester

where 'i' is the subject indicator index (takes into account all subjects in a semester), 'N' is the no. of subjects **'registered'** for the semester (as specifically required and listed under the course structure of the parent department), C_i is the no. of credits allotted to the ith subject, and G_i represents the grade points (GP) corresponding to the letter grade awarded for that i^{th} subject.

9.10 The Cumulative Grade Point Average (CGPA) is a measure of the overall cumulative performance of a student in all semesters considered for registration. The CGPA is the ratio of the total credit points secured by a student in all registered courses in all semesters, and the total number of credits registered in all the semesters. CGPA is rounded off to two decimal places. CGPA is thus computed from the I year II semester onwards at the end of each semester as per the formula

CGPA = $\left[\sum_{j=1}^{M} C_j G_j\right] / \left[\sum_{j=1}^{M} C_j\right]$ --- ... for all S semesters registered

(i.e., up to and inclusive of S semesters, S≥2),

Where **'M'** is the **total** no. of subjects (as specifically required and listed under the course structure of the parent department) the student has **'registered'** i.e., from the 1st semester onwards up to and inclusive of the 8th semester, 'j' is the subject indicator index (takes into account all subjects from 1 to 8 semesters), C_j is the no. of credits allotted to the jth subject, and G_j represents the grade points (GP) corresponding to the letter grade awarded for that j^{th} subject. After registration and completion of I year I semester, the SGPA of that semester itself may be taken as the CGPA, as there are no cumulative effects.

Illustration of calculation of SGPA:

Course/Subject	Credits	Letter Grade	Grade Points	Credit Points
Course 1	4	A	8	4 x 8 = 32
Course 2	4	O	10	4 x 10 = 40
Course 3	4	C	5	4 x 5 = 20
Course 4	3	B	6	3 x 6 = 18
Course 5	3	A+	9	3 x 9 = 27
Course 6	3	C	5	3 x 5 = 15

		21			152

SGPA and CGPA of a semester will be mentioned in the semester Memorandum of Grades if all

$$SGPA = 152/21 = 7.24$$

Illustration of calculation of CGPA up to 3rd semester:

Semester	Course/SubjectTitle	Credits Allotted	Letter Grade Secured	Corresponding Grade Point(GP)	Credit Points(CP)
I	Course 1	3	A	8	24
I	Course 2	3	O	10	30
I	Course 3	3	B	6	18
I	Course 4	4	A	8	32
I	Course 5	3	A+	9	27
I	Course 6	4	C	5	20
II	Course 7	4	B	6	24
II	Course 8	4	A	8	32
II	Course 9	3	C	5	15
II	Course 10	3	O	10	30
II	Course 11	3	B+	7	21
II	Course 12	4	B	6	24
II	Course 13	4	A	8	32
II	Course 14	3	O	10	30
III	Course 15	2	A	8	16
III	Course 16	1	C	5	5
III	Course 17	4	O	10	40
III	Course 18	3	B+	7	21
III	Course 19	4	B	6	24
III	Course 20	4	A	8	32
III	Course 21	3	B+	7	21
	Total Credits	69		Total Credit Points	518

CGPA = 518/69 = 7.51

The above illustrated calculation process of CGPA will be followed for each subsequent semester until 8 semester. The

CGPA obtained at the end of 8th semester will become the final CGPA secured for entire B.Tech. Programme.

9.11 For merit ranking or comparison purposes or any other listing, only the 'rounded off' values of the CGPAs will be used.

9.12 For calculations listed in regulations 9.7 to 9.10, performance in failed subjects/ courses (securing F grade) will also be taken into account, and the credits of such subjects/ courses will also be included in the multiplications and summations. After passing the failed subject(s) newly secured letter grades will be taken into account for calculation of SGPA and CGPA. However, mandatory courses will not be taken into consideration.

subjects of that semester are passed in first attempt. Otherwise the SGPA and CGPA shall be mentioned only on the Memorandum of Grades in which sitting he passed his last exam in that semester.

10 PASSING STANDARDS

10.1 A student shall be declared successful or 'passed' in a semester, if he secures a GP ≥ 5 ('C' grade or above) in every subject/course in that semester (i.e. when the student gets an SGPA ≥5.00 at the end of that particular semester); and he shall be declared successful or 'passed' in the entire under graduate programme, only when gets a CGPA≥ 5.00 for the award of the degree as required.

10.3 After the completion of each semester, a grade card or grade sheet (or transcript) shall be issued to all the registered students of that semester, indicating the letter grades and credits earned. It will show the details of the courses registered (course code, title, no. of credits, grade earned, etc.), credits earned, SGPA, and CGPA from I year II semester onwards

10.4 A Student shall be declared successful or 'passed' in any Non-Credit Subject/course, if she/he secures a Satisfactory Participation Certificate' for that Mandatory Course.

11 DECLARATION OF RESULTS

11.1 Computation of SGPA and CGPA are done using the procedure listed in 9.7 to 9.10.

11.2 For final percentage of marks equivalent to the computed final CGPA, the following formula may be used.

$$\% \text{ of Marks} = (\text{final CGPA} - 0.5) \times 10$$

12 AWARD OF DEGREE

12.1 A student who registers for all the specified subjects/ courses as listed in the course structure and secures the required number of 160 credits (with CGPA ≥5.0), within 8 academic years from the date of commencement of the first academic year, shall be declared to have **'qualified'** for the award of B. Tech. degree in the chosen branch of Engineering selected at the time of admission.

12.2 A student who qualifies for the award of the degree as listed in item 12.1 shall be placed in the following classes.

12.3 A student with final CGPA (at the end of the under graduate programme) ≥8.00, and fulfilling the following conditions - shall be placed in **'first class with distinction'**.

(i) Should have passed all the subjects/courses in **'first appearance'** within the first 4 academic years (or 8 sequential semesters) from the date of commencement of first year first semester.

(ii) Should have secured a CGPA ≥8.00, at the end of each of the 8 sequential semesters, starting from I year I semester onwards.

(iii) Should not have been detained or prevented from writing the end semester examinations in any semester due to shortage of attendance or any other reason.

A student not fulfilling any of the above conditions with final CGPA > 8 shall be placed in **'first class'**.

12.4 Students with final CGPA (at the end of the under graduate programme) ≥6.50 but < 8.00 shall be placed in **'firstclass'**.

12.5 Students with final CGPA (at the end of the under graduate programme) ≥5.50 but < 6.50, shall be placed in **'second class'**.

12.6 All other students who qualify for the award of the degree (as per item 12.1), with final CGPA (at the end of

12.7 A student with final CGPA (at the end of the under graduate programme) < 5.00 will not be eligible for the award of the degree.

12.8 Students fulfilling the conditions listed under item 12.3 alone will be eligible

12.7 A student with final CGPA (at the end of the under graduate programme) < 5.00 will not be eligible for the award of the degree.

12.8 Students fulfilling the conditions listed under item 12.3 alone will be eligible candidate for 'first class with distinction' 'University Rank' and 'Gold Medal' considerations.

13 WITHHOLDING OF RESULTS

13.1 If the student has not paid the fees to the University/ College at any stage, or has dues pending due to any reason whatsoever, or if any case of indiscipline is pending, the result of the student may be withheld, and the student will not be allowed to go into the next higher semester. The award or issue of the degree may also be withheld in such cases.

14 TRANSITORY REGULATIONS

14.1 Student who has discontinued for any reason, or has been detained for want of attendance or lack of required credits as specified, or who has failed after having undergone the Degree Programme, may be considered eligible for readmission to the same Subject/Courses (or equivalent Subjects/ Courses, as the case may be), and same Professional Electives/Open Electives (or from set/category of Electives or equivalents suggested, as the case may be) as and when they are offered (with the time-frame of 8 years from the Date of Commencement of his I Year I Semester).

15 STUDENT TRANSFERS

15.1 There shall be no branch transfers after the completion of admission process.

15.2 There shall be no transfers among the constituent colleges and units of Jawaharlal Nehru TechnologicalUniversity Hyderabad.

ACADEMIC REGULATIONS FOR B.TECH. (LATERAL ENTRY SCHEME) FROM THE AY 2019-20

1. Eligibility for award of B. Tech. Degree (LES)

The LES students after securing admission shall pursue a course of study for not less than three academic years and not more than six academic years.

2. The student shall register for 123 credits and secure 123 credits with CGPA $\geq$ 5 from II year to IV year B.Tech. programme (LES) for the award of B.Tech. degree.

3. The students, who fail to fulfil the requirement for the award of the degree in six academic years from the year of admission, shall forfeit their seat in B.Tech.

4. The attendance requirements of B. Tech. (Regular) shall be applicable to B.Tech. (LES).

5. Promotion rules

S. No	Promotion	Conditions to be fulfilled
1	Second year first semester to second year second semester	Regular course of study of second year first semester.

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2	Second year second semester to third year first semester	(i) Regular course of study of second year second semester.
		(ii) Must have secured at least 25 credits out of 42 credits i.e., 60% credits up to second year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.
3	Third year first semester to third year second semester	Regular course of study of third year first semester.
4	Third year second semester to fourth year first semester	(i) Regular course of study of third year second semester.
		(ii) Must have secured at least 51 credits out of 86 credits i.e., 60% credits up to third year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.
5	Fourth year first semester to fourth year second semester	Regular course of study of fourth year first semester.

6. All the other regulations as applicable to B. Tech. 4-year degree course (Regular) will hold good for B. Tech. (Lateral Entry Scheme).

MALPRACTICES RULES
DISCIPLINARY ACTION FOR / IMPROPER CONDUCT IN EXAMINATIONS

S.No.	Nature of Malpractices/Improper conduct	Punishment
	If the student:	
1. (a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which student is appearing but has not made use of (material shall include any marks on the body of the student which can be used as an aid in the subject of the examination)	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other student orally or by any other body language methods or communicates through cell phones with any student or persons in or outside the exam hall in Respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject Only of all the students involved. In case of an outsider, he will be handed over to the police And a case is registered against him.

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2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the student is Appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the student has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the Subjects of that semester/ year. The hall ticket of the student is to be cancelled.
3.	Impersonates any other student in Connection with the examination.	The student who has impersonated shall be Expelled from examination hall. The student is Also debarred and forfeits the seat. The performance of the original student who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that Semester/ year. The student is also debarred for two consecutive semesters from class work and All Examinations. The continuation of the course by the student is subject to the academic regulations in connection with Forfeiture of seat. If the imposter is an outsider, he will be handed over to the police And a case is registered against him.
4.	Smuggles in the answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the Examination	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that Semester/ year. The student is also debarred for two consecutive semesters from class work and All Examinations. The continuation of the course by the student is subject to the academic regulations in connection with Forfeiture of seat.
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass Marks.	Cancellation of the performance in that subject.
	Refuses to obey the orders of the chief superintendent/assistant superintendent/any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in- charge, or any person on duty in or outside the	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the student(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/ year. The students also are debarred And forfeit their seats. In case of outsiders, they

6.	examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the college campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.	will be handed over to the police and a Police case is registered against them.
7.	Leaves the exam hall taking away answer script or intentionally tears off the script or any part thereof inside or Outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that Semester/ year. The student is also debarred for two consecutive semesters from class work and All University examinations. The continuation of the course by the student is subject to the academic regulations in connection with Forfeiture of seat.
8.	Possesses any lethal weapon or fire arm In the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that Semester/ year. The student is also debarred And forfeits the seat. Police case will be registered.
9.	If student of the college, who is not a student for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that Semester/ year. The student is also debarred and Forfeits the seat. Person(s) who do not belong to the college will be handed over to the police and, a police case Will be registered against them.
10.	Comes in a drunken condition to the Examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the student has already appeared for including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of That semester/ year.
11.	Copying detected on the basis of internal evidence, such	Cancellation of the performance in that subject and all other subjects the student has

	as, during Valuation or during special scrutiny.	appeared for including practical examinations and project work of that semester/year Examinations.
12.	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the Principal for further action to award a suitable Punishment.	

Malpractices identified by squad or special invigilators

1.   Punishments to the students as per the above guidelines.

16   **Scope**

i)   Where the words "he", "him", "his", occur in the write-up of regulations, they include "she", "her", "hers".

ii)   Where the words "Subject" or "Subjects", occur in these regulations, they also imply "Course" or "Courses".

iii)   The Academic Regulations should be read as a whole, for the purpose of any interpretation.

iv)   In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor/Principal is final.

v)   The College may change or amend the Academic Regulations, Course Structure or Syllabi at any time, and the changes or amendments made shall be applicable to all Students with effect from the dates notified by the College Authorities.

GURU NANAK INSTITUTE OF TECHNOLOGY(AUTONOMOUS)
Ibrahimpatnam, Hyderabad – 501506
ACADEMIC REGULATIONS 2020-2021
For CBCS Based M.Tech. (Regular/Full Time) Programmes
(Effective for the students admitted into I year from the Academic
Year2020-2021 and onwards)

1.0   Post-Graduate Degree Programmes in Engineering & Technology (PGP in E & T):
GNIT offers 2 Year (4 Semesters) full-time Master of Technology (M.Tech.) and Master of Business Administration Degree Programmes, under Choice Based Credit System (CBCS) with effect from the Academic Year 2020 - 2021 onwards .

Eligibility for Admission:

2.0   Admissions to the PGPs shall be made subject to the eligibility, qualification and specializations prescribed by JNT University Hyderabad or any other order of merit approved by the government of Telangana, from time to time, for each Specialization under each M.Tech. Programme.

2.1   Admission to the PGP shall be made either on the basis of - the Rank/ Percentile earned by the student in the relevant qualifying GATE Examination / the Merit Rank obtained by the qualifying student at an Entrance Test conducted by the Telangana State Government (PGECET) for M.Tech. Programmes / an Entrance Test conducted by the Jawaharlal Nehru Technological University Hyderabad / on the basis of any other order of merit approved by the University, subject to reservations as prescribed by the Government from time to time.

2.2   The medium of instructions for all PG Programmes will be ENGLISH only.

3.0   M.Tech. Programme (PGP in E & T) Structure:

3.1   The M.Tech. Programmes in E & T of GNIT are of Semester Pattern, with 4 Semesters constituting 2 Academic Years, each Academic Year having TWO Semesters (First/Odd and Second/Even Semesters). Each Semester shall be of 22 Weeks duration (inclusive of E xamin at ion s), with a m inimum of 90 Instructional Days per Semester.

3.2   UGC/ AICTE specified Definitions/ Descriptions are adopted appropriately for various terms and abbreviations used in these PGP - Academic Regulations, as listed below.

3.2.1 Semester Scheme:
Each Semester having - 'Continuous Internal Evaluation (CIE)' and 'Semester End Examination (SEE)'. Choice Based Credit System (CBCS) and Credit Based Semester System (CBSS) as denoted are taken as 'references' for the present set of Regulations. The terms 'SUBJECT' or 'COURSE' imply the same meaning here, and refer to 'Theory Subject', or 'Lab Course', or 'Design/ Drawing Subject', or 'Mini Project with Seminar', 'Project', as the case may be.

3.2.2 Credit Courses:
All Subjects (or Courses) are to be registered by a student in a Semester to earn Credits. Credits shall be assigned to each Subject/ Course in a L: T: P: C (Lecture Periods: Tutorial Periods: Practical Periods: Credits) Structure, based on the following general pattern ...

•   One credit for One hour/ Week/ Semester for Theory/ Lecture (L) or Tutorial (T) Courses;

•   One credit for Two hours/ Week/ Semester for Laboratory/ Practical (P) Courses. Other student activities like Study Tour, Guest Lecture, Conference/ WorkshopParticipations, Technical Paper Presentations etc., and identified Audit Courses if any,will not carry Credits.

3.2.3 Subject/ Course Classification:
The College has followed the guidelines issued by AICTE/UGC. All Subjects/Courses offered for the PGP in E&T are broadly classified as Program Core, Program Elective, Open Elective, Audit Course, and Mini Project with Seminar, Industrial Training and Dissertation.

3.2.4 Course Nomenclature:

The Curriculum Nomenclature or Course-Structure Grouping for the M.Tech. Degree Programmes is as listed below ...

S. No.	Broad Course Classification	CourseGroup/ Category	Courses Description
1.	Core Courses(CoC)	PC- Program Core	Includes core subjects related to the Parent Discipline/ Department/ Branch of Engg.
		Dissertation	M.Tech. Project or PG Project orPG Major Project
		Mini Project with Seminar	Seminar based on core contents related to parent discipline/department/branch of Engineering
		Minor Courses	1 or 2 Credit courses
		Audit Courses	Mandatory courses (non credit)
2.	Elective Courses (E &C)	PE– ProgramElectives	Includes Elective subjects related to the Parent Discipline/ Department/ Branch of Engg.
		OE-Open Electives	Elective subjects which include inter-disciplinary subjects in an areaoutside the parent discipline/department/branch of Engineering

* Students be encouraged to go to Industrial Training/Internship for at least 2-3months during semester / Summer break.

4.0 Course Work:

4.1 A Student, after securing admission, shall pursue and complete the M.Tech. PGP in a minimum period of 2 Academic Years (4 Semesters), and within a maximum period of 4 Academic Years (8 Semesters) starting from the Date of Commencement ofI Year I Semester.

4.2 Each student shall register for and secure the specified number of Credits required forthe completion of the PGP and Award of the M.Tech. Degree in respective Branch of Engineering with the chosen Specialization.

4.3 I Year is structured to provide typically 18 Credits in each of the I and II Semesters, and II Year 16 credits in each of the III & IV semesters, totaling to 68 Credits for the entire M.Tech. Programme.

5.0 Course Registration:

5.1 A 'Faculty Advisor' shall be assigned to each M.Tech. Programme with respective Specialization advice, which will the Students about the M.Tech. Programme Specialization, its Course Structure and Curriculum, Choice/ Option for Subjects/ Courses, based on the competence, progress, pre-requisites and interest of the students.

5.2 A Student may be permitted to Register for Subjects/ Courses of 'his CHOICE' witha typical total of 18 Credits per Semester in I Year (Minimum being 15 Credits and Maximum being 21 Credits, permitted deviation being ± 15%), and 16 Credits (inclusive of Project) per III Semester in II Year (Minimum being 14 Credits and Maximum being 21 Credits), 16 credits (inclusive of Project) per IV Semester in II Year (minimum being 16 Credits and maximum 21 Credits), based on his interest, competence, progress, and 'PRE-REQUISITES' as indicated for various Subjects/ Courses, in the Department Course Structure (for the relevant Specialization) and Syllabus contents for various Subjects/ Courses.

5.3 Choice for 'additional Subjects/ Courses' in any Semester (above the typical 18/16 Credit norm, and within the Maximum Permissible Limit of 21/21 Credits, during I/ II Years as applicable) must be clearly

indicated in the Registration, which needs the specific approval and signature of the Faculty Advisor/ Counselor on hard-copy.

5.4 Withdraw of Subjects/ Courses in any Semester of I Year may be permitted, ONLY AFTER obtaining prior approval and signature from the Faculty Advisor (subjectto retaining a minimum of 15 Credits), 'within 15 Days of Time' from the beginning of the current Semester.

6.0 Attendance Requirements:

6.1 A Student shall be eligible to appear for the Semester End Examination (SEE) of any Subject, if he acquires a minimum of 75% of attendance in class work in that Subject forthat Semester.

6.2 A Student's Mini Project with Seminar Report and Mini Project with Seminar Presentation shall be eligible for evaluation, only if he ensures a minimum of 75% of his attendance in Mini Project with Seminar Presentation Classes during that Semester.

6.3 Condoning of shortage of attendance up to 10% (65% and above, and below 75%) in each Subject (Theory / Practicals / Mini Project with Seminar etc.) of a Semester may be granted by the College Academic Council on Medical grounds, based on the Student's representation with supporting evidence to be submitted by the student as and when such requirement arise but not at the end semester.

6.4 A stipulated fee per Subject, (Theory / Practicals / Mini Project with Seminar etc.) shall be payable towards condoning of shortage of attendance after getting the approval of college academic council for the same.

6.5 Shortage of Attendance below 65% in any Subject, (Theory / Practicals / Mini Project with Seminar etc.) shall in NO case be condoned.

6.6 A Student, whose shortage of attendance is not condoned in any Subject(s) , Lab or Mini Project with Seminar in any Semester, is considered as 'Detained in that Subject(s), Lab or Mini Project with Seminar', and is not eligible to write Semester End Examination (s) of such Subject(s), Lab (and in case of Mini Project with Seminars, his Mini Project with Seminar Report or Presentation are not eligible for evaluation) in that Semester; and he has to seek Re-registration for those Subject(s), Lab or Mini Project with Seminar in subsequent Semesters, and attend the same as and when offered.

6.7 A student fulfilling the attendance requirement in the present semester shall not be eligible for readmission into the same class.

7.0 Academic Requirements:

The following Academic Requirements have to be satisfied, in addition to theattendance requirements mentioned in Item No. 6. The performance of the student in each semester shall be evaluated subject – wise, with a maximum of 100 marks per subject / course (theory / practical), on the basis of Continous Internal Evaluation and Semester End Examination.

7.1 A Student shall be deemed to have satisfied the academic requirements and earned the Credits allotted to each Subject/ Course, if he secures not less than 40% Marks (28 out of 70 Marks) in the Semester End Examination, and a minimum of 50% of marks in the sum total of the CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together; in terms of Letter Grades and this implies securing B Grade or above in that Subject.

7.2 A Student shall be deemed to have satisfied the academic requirements and earned the Credits allotted to - Mini Project with Seminar, if he secures not less than 50% of the total Marks to be awarded. The Student would be treated as failed, if he -

(i) does not present the Mini Project with Seminar as required, or (ii) secures less than 50% of Marks (< 50 Marks) in Mini Project with Seminar.

7.3 A Student shall - register for all Subjects covering 68 Credits as specified and listed in the Course Structure for the chosen PGP Specialization, put up all the Attendance and Academic requirements for securing 68 Credits obtaining a minimum of B Grade or above in each Subject and 'earn all 68 Credits securing Semester Grade Point Average (SGPA) 6.0 (in each Semester) and final Cumulative Grade Point Average (CGPA) (ie., CGPA at the end of PGP) 6.0, to successfully complete the PGP.

Note: (1) The SGPA will be computed and printed on the marks memo only if the student passes in all the subjects offered and gets minimum B grade in all the subjects.

(2) CGPA is calculated only when the student passes in all the subjects offeredin all the semesters.

7.4 Marks and Letter Grades obtained in all those Subjects covering the above specified 68 Credits alone shall be considered for the calculation of final CGPA, which shall be indicated in the Grade Card / Marks Memo of II Year II Semester.

7.5 If a student registers for 'extra Subjects' (in the parent Department or other Departments /Branches of Engg.) other than those listed Subjects totaling to 68 Credits as specified in the Course Structure, the performances in those 'extra Subjects'(although evaluated and graded using the same procedure as that of the required 68Credits) will not be taken into account while calculating the SGPA and CGPA. Forsuch 'extra Subjects' registered, % marks and Letter Grade alone will be indicated inthe Grade Card / Marks Memo as a performance measure, subject to completion of the Attendance and Academic Requirements as stated in Items 6 and 7.1 – 7.4 above.

7.6 Students who fail to earn 68 Credits as per the specified Course Structure, and as indicated above, within 4 academic years from the date of commencement of theirI Year I Semester, shall forfeit their seats in M.Tech. Programme and their admissions shall stand cancelled.

7.7 When a Student is detained due to shortage of attendance in any Subject (s) (Theory/Practical's/Mini Project with Seminar etc.,) in any Semester, no Grade Allotment will be made for such Subject (s) (Theory/Practical's/Mini Project with Seminar etc.,) and SGPA/ CGPA calculations of that Semester will not include the performance evaluations of such Subject(s) (Theory/Practical's/Mini Project with Seminar etc.,) in which he got detained. However, he becomes eligible for re-registration of such Subject (s) (Theory/Practical's/Mini Project with Seminar etc.,)/ in the subsequent Semester(s), as and when next offered, with the Academic Regulations of the Batch into which he /she gets re-registered , by paying the stipulated fees per Subject. In all these re-registration cases, the Student shall have to secure a fresh set of Internal Marks (CIE) and Semester End Examination Marks (SEE) for performance evaluation in such Subject(s), and subsequent SGPA/ CGPA calculations.

7.8 A Student eligible to appear in the Semester End Examination in any Subject, but absent at it or failed (failing to secure B Grade or above), may reappear for that Subject at the supplementary examination (SEE) as and when conducted. In such cases, his Internal Marks (CIE) assessed earlier for that Subject/ Course will be carried over, and added to the marks to be obtained in the supplementary examination (SEE), for evaluating his performance in that Subject.

8.0 Evaluation - Distribution and weightage of Marks:

8.1 The performance of a Student in each Semester shall be evaluated Subject-wise (irrespective of Credits assigned) with a maximum of 100 Marks for Theory or Practical's or Mini Project with Seminar or Drawing/Design etc;.

8.2 a) For Theory Subjects (inclusive of Minor Courses), during the Semester, there shall be 2 mid-term examinations for 25 marks (with duration of 120 minutes). Further, there willbe an allocation of 5 marks for Assignment.

b) The first mid-term examination shall be conducted for the first 50% of the syllabus, and the second mid-term examination shall be conducted for the remaining 50%of the syllabus.

c) First Assignment should be submitted before the conduct of the first mid-term examinations, and the Second Assignment should be submitted before the conduct of the second mid-term examinations. The Assignments shall be as specified by the concerned subject teacher.

d) The first mid-term examination Marks and first Assignment Marks shall make one set of CIE Marks , and the second mid-term examination Marks and second Assignment Marks shall make second set of CIE Marks; and the better of these two sets of marks shall be taken as the final marks secured by the Student towards Continuous Internal Evaluation in that Theory Subject.

8.3 For Practical Subjects, there shall be a Continuous Internal Evaluation (CIE) during the Semester for 30 Internal Marks, and 70 Marks are assigned for Lab./ Practical's Semester End Examination (SEE). Out of the 30 Marks for Internals, day-to-day work assessment in the laboratory shall be evaluated for 20

Marks; and the performancein an internal Lab./Practical Test shall be evaluated for 10 marks, there shell be two internal Lab./Practical Test in a semester and the better of these two shell be taken as final marks. The SEE for Lab./ Practicals shall be conducted at the end of the Semester by the concerned Lab teacher and another faculty member of the same Department as assigned by the Head of the Department.

8.4 There shall be a Mini Project with Seminar Presentation in I Year II Semester, for the Seminar the Student shall collect the information on a specialized topic, prepare a Mini Project Report and submit to the Department at the time of Mini Project with Seminar Presentation. The Continuous Internal Evaluation (CIE) -30Marks given by the faculty handling the Mini Project with Seminar. Mini Project with Presentation (along with the Mini Project Report) shall be evaluated by Committee Consisting Head of the Department, Mini Project Guide and Senior faculty assigned by Head of the Department, for 70 marks (external).

8.5 a) **Registration of Project work:** The Project shall start immediately after the completion of I year II semester. Every Student must compulsory register for his M.Tech. Project Work, within the 4 weeks after the completion of I year II Semester. The student registered for the Project work shall work for two semesters. After Registration, the Student has to present in Project Work Review -I in consultation with his Project Guide the title, objective and plan of action of his project work to the Project Review Committee (PRC-I) for approval within 6 weeks after the completion of I year II Semester. Only after obtaining the approval of the PRC, the student can initiate the Project work.

b) A Project Review Committee (PRC) shall be constituted by Head of the Department and shall consist of the Head of the department (Chairperson) Project Guide and one senior faculty member of the Department.

c) If a student wishes to change his Guide or topic of the project, he can do so with the approval of the PRC. However, the PRC shall examine whether or not the change of topic/Guide leads to a major change of his initial plans of project proposal. If yes, his date of registration for the project work starts from the date of change of Guide or topic as the case may be.

8.6 a) The PRC will monitor the progress of the Project Work. Project work Review-II will be heldat the end of the III Semester (II Year I Semester). Project work Review- III will be held at the end of the IV Semester (II year II Semester) before the submission of Project Report/ Dissertation.

b) **The Project Work Review-II** There shall be a Dissertation-I/Industrial Project during the III Semester (II Year I Semester). The Dissertation-I/Industrial Project shall beevaluated by the PRC for 70 Marks (consider as PRC II) the student has to get 40% (28 marks out of 70 marks for success full completion). Project guide will give CIE marks for 30 marks. A student has to secure a minimum 50% (CIE + PRC II) of marks to be declared successful. If he fails to obtain the minimum marks, he has to reappear for the Dissertation- I/Industrial Project during the supplementary examinations.

c) **The Project Work Review-III** in II Year II Semester carries 100 internal marks. Evaluation should be done by the PRC for 50 marks and the Guide will evaluate it for the other 50 marks. The PRC will examine the overall progress of the Project Work and decide whether the Project is eligible for final submission or not. A student has to securea minimum 50% marks to be declared successful in Project Work Review-III. If he fails to obtain the required minimum marks, he has to reappear for supplementary examination as and when conducted. For External Project Evaluation (Viva-Voce examination) will be conducted after submission of project report at the end of II Year II Semester, the marks allotted is 100 and it is evaluated by the external examiner. The student has to secure a minimum of 50% marks in External Project Evaluation (Viva- Voce examination) for success full completion. If he fails to obtain the minimum marks, he has to reappear during the supplementary examinations as on when conducted.

d) Project Work Reviews-II and III shall be conducted as per the schedule. The unsuccessful student may be given one more chance as Supplementary. Supplementary will be conducted only for unsuccessful students. The unsuccessful students in Project Work Review-II shall reappear for it at the time of Project Work Review-III as supplementary student. **These students shall reappear for Project Work Review-III in the next academic year at the time of Project Work Review-II only after su cc e ssf ul completion of Project Work Review-II.** The unsuccessful students in Project Work Review III shall reappear for Project Work Review III in the next academic year only at the time of Project Work Review II as supplementary students.

e) After successful completion of PRC III, a soft copy of the project should be submittedto the Head of the

Department for the ANTIPLAGIARISM check. The Head of the Department should carry out plagiarism check and submitted the report to the Principal. The Dissertation will be accepted for submission, if the similarity index is less than 30%.If the similarity index has more than the required percentage, the student is advised to modify accordingly and re-submit the soft copy of the Dissertation after one month. The maximum number of re-submissions of Dissertation after plagiarism check is limited to TWO.

f) The Student shall be allowed to submit his Project Dissertation, only on the successful completion of all the prescribed PG Subjects (Theory and Practical's.), Mini Project with Seminar, etc. (securing B Grade or above), and after obtaining all approvals from PRC.

g) The Dissertation will be adjudicated by an external examiner selected by the College.
For this the Head of the Department shall submit a panel of three examiners from among the list of experts in the relevant specialization as submitted with the help of project supervisor concerned. In such cases, the M.Tech. Dissertations will be sent to an External Examiner nominated by the Principal of the College, on whose 'approval', the Student can appear for the M.Tech. External Project Viva-voce Examination, which shall be conducted by a Board, consisting of the PG Project Supervisor, Head of the Department, and the External Examiner who adjudicated the M.Tech. Project Work and Dissertation. The Board shall jointly declare the Project Work Performance as 'satisfactory', or 'unsatisfactory'; and in successful cases, the External Examiner shall evaluate the Student's Project Work presentation and performance for 100 Marks.

h) If the report of the external examiner is unsatisfactory, the student shall revise and resubmit the Project after ONE semester, or as per the time specified by the External examiner. If the resubmitted report is again evaluated by the external examiner and examiner is unsatisfactory again then the Dissertation shall be summarily rejected. No further correspondence in this matter will be entertained, if there is no specific recommendationfor resubmission by the external examiner.

i) If the report of the examiner is satisfactory, the Head of the Department shall coordinate and make arrangements for the conduct of External Project Viva-Voce examination. The External Project Viva-Voce examination shall be conducted by a board consisting of the Supervisor, Head of the Department and the external examiner who adjudicated the Dissertation. The student has to secure a minimum of 50% of marks in external Project (Viva-Voce) examination.

j) If he /she fails to fulfill the requirements as specified in 8.6 (i), he will reappear for the Viva-Voce examination only after three months. In the reappeared examination also, if he fails to fulfill the requirements, he will not be eligible for the award of the degree, unless he is asked to revise and resubmit his project work by the board within a specified time period (within four years from the date of commencement of his first year first semester).

k) If the student's oral presentation is not satisfactory, the board may defer it and the student has to re-appear for the oral presentation before the same board for the awardof degree.

l) The External Project Viva-Voce External examination marks must be submitted to the Principal on the day of the examination.

9.0 Re-Admission / Re-Registration:

9.1 Re-Admission for Discontinued Students:

Students, who have discontinued the M.Tech. Degree Programme due to any reasons what so ever, may be considered for 'Readmission' into the same Degree Programme (withsame specialization) with the Academic Regulations of the Batch into which he gets Re-admitted, with prior permission from the concerned authorities, subject to Item 4.1.

9.2 Re-Registration for Detained Students:

When any Student is detained in a Subject (Theory / Practical / Seminar etc.) due to shortage of attendance in any Semester, he may be permitted to re-register for the same Subject in the 'same category' (Core or Elective Group) or equivalent Subject if the same Subject is not available, as suggested by the Board of Studies of that Department, as when offered in the sub-sequent Semester(s), with the Academic Regulations of the Batch into which he seeks re-registration , with prior permission from the concerned authorities, subject to Item 4.1.

10.0 Examinations and Assessment – The Grading System

10.1 Marks will be awarded to indicate the performance of each student in each Theory Subject, or Practical, or Mini Project with Seminar, Project, etc., based on the % marks obtained in CIE + SEE (Continuous Internal Evaluation + Semester End Examination, both taken together) as specified in Item 7 above, and a corresponding Letter Grade shall be given.

10.2 As a measure of the student's performance, a 10-point Absolute Grading System using the following Letter Grades (UGC Guidelines) and corresponding percentage of marks shall be followed:

% of Marks Secured in a subject/Course(Class Intervals)	Letter Grade (UGC Guidelines)	Grade Points
Greater than or equal to 90%	O (Outstanding)	10
≥80 and less than 90%	A+ (Excellent)	9
≥70% and less than 80%	A (Very Good)	8
≥60% and less than 70%	B+ (Good)	7
≥ 50% and less than 60%	B (Average)	6
Below 50%	F (FAIL)	0
Absent	Ab	0

10.3 A student obtaining F Grade in any Subject shall be considered 'failed' and is be required to reappear as 'Supplementary Student' in the Semester End Examination (SEE), as and when conduct. In such cases, his Internal Marks (CIE Marks) in those Subjects will remain the same as those he obtained earlier.

10.4 If a student not appear for the examinations, 'Absent' Grade will be allocated to him for any subject and shall be considered 'failed' and will be required to reappear as 'Supplementary Student' for the Semester End Examination (SEE), as and when conducted.

10.5 A Letter Grade does not imply any specific % of Marks; it is only the range of percentage of marks.

10.6 In general, a student shall not be permitted to repeat any subject / course (s) only for the sake of 'Grade Improvement' or 'SGPA/CGPA Improvement.

10.7 A student earns Grade Point (GP) in each Subject/ Course, on the basis of the Letter Grade obtained by him in that Subject/ Course (excluding Audit non-credit Courses). Then the corresponding 'Credit Points' (CP) are computed by multiplying the Grade Point with Credits for that particular Subject/ Course.

Credit Points (CP) = Grade Point (GP) x Credits …. For a Course

10.8 The Semester Grade Point Average (SGPA) is calculated by dividing the Sum of Credit Points ($\sum$CP) secured from ALL Subjects/ Courses registered in a Semester, by the Total Number of Credits registered during that Semester. SGPA is rounded off to TWO Decimal Places. SGPA is thus computed as

$$SGPA = \{ \sum_{i=1}^{N} C_i \, G_i \, / \, \{ \sum_{j=1}^{N} C_j \} \text{ …. For each Semester,}$$

where 'i' is the Subject indicator index (takes into account all Subjects in a Semester), 'N' is the no. of Subjects 'REGISTERED' for the Semester (as specifically required and listed under the Course Structure of the parent Department), C_i is the no. of Credits allotted to the ith Subject, and G_i represents the Grade Points (GP) corresponding to the Letter Grade awarded for that i^{th} Subject.

Illustration of calculation of SGPA

Course / Subject	Credits	Letter Grade	Grade Point	Credit Points
Course 1	3	A	8	3*8=24
Course 2	3	O	10	3*10=30
Course 3	4	B+	7	4*7=28
Course 4	3	B	6	3*6=18
Course 5	2	A+	9	2*9=18
Course 6	1.5	B	6	1.5*6=9
Course 7	1.5	O	10	1.5*10=15
	18			142

$$SGPA = 142/18 = 7.89$$

10.9 The Cumulative Grade Point Average (CGPA) is a measure of the overall cumulative performance of a student over all Semesters considered for registration. The CGPA is the ratio of the Total Credit Points secured by a student in ALL registered Courses in ALL Semesters, and the Total Number of Credits registered in ALL the Semesters. CGPA is rounded off to TWO Decimal Places. CGPA is thus computed from the I Year II Semester onwards, at the end of each Semester, as per the formula

$$CGPA = \{ \sum_{j=1}^{M} C_j \, G_j \} / \{ \sum_{j=1}^{M} C_j \} \dots \text{for all S Semesters registered(ie., upto}$$

and inclusive of S Semesters, S ≥ 1),

where 'M' is the TOTAL no. of Subjects (as specifically required and listed under the Course Structure of the parent Department) the Student has 'REGISTERED' from the 1st Semester onwards upto and inclusive of the Semester S (obviously M > N), 'j' is the Subject indicator index (takes into account all Subjects from 1 to S Semesters), C_j is the no. of Credits allotted to the jth Subject, and G_j represents the Grade Points (GP) corresponding to the Letter Grade awarded for that j^{th} Subject. After registration and completion of I Year I Semester however, the SGPA of that Semester itself may be taken as the CGPA, as there are no cumulative effects.

Illustration of calculation of CPGA

Semester	Credits	SGPA	Credits * SGPA
Semester I	18	7	18*7=126
Semester II	18	6	18*6=108

Semester III	16	6.5	16*6.5=104
Semester IV	16	8	16*8=128
	68		466

$$CGPA = 466/68 = 6.85$$

10.10 For Merit Ranking or Comparison Purposes or any other listing, ONLY the 'ROUNDED OFF' values of the CGPAs will be used.

10.11 For Calculations listed in Item 10.7 – 10.10, performance in failed Subjects/ Courses (securing F Grade) will also be taken into account, and the Credits of such Subjects/ Courses will also be included in the multiplications and summations. However, Mandatory Courses (Audit Course) will not be taken into consideration.

10.12 A student shall be declared successful or passed in a Semester, only when he gets a SGPA ≥ 6.00 (at the end of that particular Semester); and a student shall be declared successful or 'passed' in the entire PGP, only when gets a CGPA ≥ 6.00; subject to the condition that he secures a GP ≥ 6 (B Grade or above)

in every registered Subject/ Course in each Semester (during the entire PGP) for the Award of Degree as required.

10.13 Passing Standards:

10.13.1 A Student shall be declared successful or 'passed' in a Semester, only when he gets a SGPA ≥ 6.00 (at the end of that particular Semester); and a Student shall be declared successful or 'passed' in the entire PGP, only when gets a CGPA ≥ 6.00; subject to the condition that he secures a GP ≥ 6 (B Grade or above) in every registered Subject/ Course in each Semester (during the entire PGP), for the Award of the Degree, as required.

10.13.2 After the completion of each Semester Memorandum of Marks shall be issued to all the Registered Students of that Semester, indicating the Letter Grades and Credits earned. It will show the details of the Courses Registered (Course Code, Title, No. of Credits, Grade Earned), Credits earned SGPA and CGPA etc.

11.0 Declaration of Results:

11.1 Computation of SGPA and CGPA are done using the procedure listed in 10.7 – 10.10.

11.2 For Final % of Marks equivalent to the computed CGPA, the following formula may be used.

$$\% \text{ of Marks} = (CGPA - 0.5) \times 10$$

12.0 Award of Degree and Class:

12.1 A Student who registers for all the specified Subjects/ Courses as listed in the Course Structure, satisfies all the Course Requirements, and passes the examinations prescribed in the entire PG Programme (PGP), and secures the required number of 68
Credits (with GP ≥ 6.0), shall be declared to have 'QUALIFIED' for the award of the M.Tech. Degree in the chosen Branch of Engineering and Technology with specialization as he was admitted.

12.2 A Student with final CGPA (at the end of the PGP)< 6.00 will not be eligible for theAward of M.Tech. Degree.

13.0 Withholding of Results:

13.1 If a Student has not paid fees to University/ College at any stage, or has pending dues against his name due to any reason whatsoever, or if any case of indiscipline is pending against him, the result of the Student may be withheld, and he will not be allowed to go into the next higher Semester. The Award or issue of the Degree may also be withheldin such cases.

14.0 Transitory Regulations:

14.1 A Student - who has discontinued for any reason, or who has been detained for want of attendance as specified, or who has failed after having undergone PGP, may be considered eligible for readmission to the same PGP with same set of Subjects/ Courses (or equivalent Subjects/ Courses as the case may be), and same Professional Electives (or from same set/category of Electives or equivalents as suggested), as and when they are offered (within the time-frame of 4 years from the Date of Commencement of his I Year I Semester).

15.0 Student Transfers:

15.1 There shall be no Branch/ Specialization transfers after the completion of AdmissionProcess.

15.2 There shall be no transfer among the Constituent Colleges and Units of Jawaharlal Nehru Technological University Hyderabad.

16.0 Scope:

i) Where the words "he", "him", "his", occur in the write-up of regulations, they include "she", "her", "hers".

ii) Where the words "Subject" or "Subjects", occur in these regulations, they also imply "Course" or

"Courses".

iii) The Academic Regulations shoul d be read as a whole, for the purpose of any interpretation.

iv) In case of any doubt or ambiguity in the interpretation of the above regulations, the decision of the V i c e -Chancellor/ Principal is final.

v) The College may change or amend the Academic Regulations, and/ or Course Structure, and/ or Syllabi at any time, and the changes or amendments madeshall be applicable to all Students with effect from the dates as notified by the University/ College.

17. MALPRACTICES RULES:

	Nature of Malpractices	Punishment
	If the student:	
1 (a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which he isappearing but has not made use of (material shall include any marks on the body of the student which can be used as an aid in the subject of the examination)	Expulsion from the examination hall andcancellation o f t h e performance in thatsubject only.
1 (b)	Gives assistance or guidance or receives it from any other student orally or by any other body language methods or communicates through cell Phones with any student or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the students involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the student is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the student has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year.The Hall Ticket of the student is to be cancelled.
3	Impersonates any other student in Connection with the examination.	The student who has impersonated shall be expelled from examination hall. Thestudent is also debarred and forfeits the seat. The performance of the original student who has been impersonated, shall becancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The student is also debarred for two consecutive semesters from class work and all examinations. The continuation of the course by the student is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
4	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination.	Expulsion from the examination hall andcancellation of performance in that subject and all the other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The student is also debarred for two consecutive semesters from class work and all examinations. The continuation of the course by the student is subject to the academic regulations in connection with forfeiture of seat.
5	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in thatsubject.

6	Refuses to obey the orders of the Chief Superintendent / Assistant – Superintendent / any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in-charge, or any person on duty in or outside the examination hall orany of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the College campus or engages in any other act which in the opinion of the officer on duty amounts to useof unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the student(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The students also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered against them.
7	Leaves the exam hall taking away answer script or intentionally tears of the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall andcancellation of performance in that subject and all the other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The student is also debarred for two consecutive semesters from class work and all examinations. The continuation of the course by the student is subject to the academic regulations in connection with forfeiture of seat.
8	Possess anylethal weapon or fire arm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The student is also debarred and forfeits the seat.
9	If student of the college, who is not a student for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	Student of the colleges expulsion from the examination hall and cancellation of the performance in that subject and all othersubjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The student is also debarred and forfeits the seat. Person(s) who do not belong to the College will be handed over to police and, a 8police case will be registered against them.
10	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the student has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject and all other subjects the student has appeared including practical examinations and project work of thatsemester / year examinations.
12	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the College / University for further action to award suitable punishment	

18. GENERAL:

> Credit: A unit by which the course work is measured. It determines the number of hoursof instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week.

> Credit Point: It is the product of grade point and number of credits for a course.

> The Academic Regulations should be read as a whole for the purpose of anyinterpretation.

> The University/College reserves the right of altering the Academic Regulations and/or Syllabus/Course Structure, as and when necessary. The modifications or amendments may be applicable to all the students on rolls, as specified by the University/College.

> Wherever the words 'he' or 'him' or 'his' occur in the above regulations, they will alsoinclude 'she' or 'her' or 'hers'.

> Wherever the word 'Subject' occurs in the above regulations, it implies the 'Theory
>   o Subject', 'Practical Subject' or 'Lab.' and 'Seminar'.

> In case of any ambiguity or doubt in the interpretations of the above regulations, thedecision of theVice-Chancellor will be final.

GURU NANAK INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

Ibrahimpatnam, Hyderabad – 501506

ACADEMIC REGULATIONS R20 AND COURSE STRUCTURE

For

Master of Business Administration (MBA) Degree Course

(Applicable from the batch admitted on and after 2020-21)

DEPARTMENT OF BUSINESS MANAGEMENT

ACADEMIC REGULATIONS OF MBA (REGULAR/FULL TIME) PROGRAM
UNDER CHOICE BASED CREDIT SYSTEM (CBCS) 2020-21 (R20)
(Effective for the students admitted into I year from the Academic Year 2020-21 and onwards)

1   MBA PROGRAMME IN MANAGEMENT

GURU NANAK INSTITUTE OF TECHNOLOGY (AUTONOMOUS) – GNIT offers Two Years (Four Semesters) full-time Master of Business Administration (MBA) Degree Programme, Under CBCS 2020-21 (R20)

(Effective for the students admitted into I year from the Academic Year 2020-21 and onwards.)

2   ELIGIBILITY FOR ADMISSIONS

2.1 Admission to the MBA programme shall be made subject to eligibility, qualification prescribed by the University from time to time.

2.2 Admission to the MBA programme shall be made on the basis of either the merit rank or Percentile obtained by the qualified student in the relevant qualifying Examination/ the merit rank obtained by the qualified student in an entrance test conducted by Telangana State Government (ICET) for MBA programme / an entrance test conducted by JNTUH/ on the basis of any other exams approved by the University, subject to reservations as laid down by the Govt. from time to time.

2.3 The medium of instructions for MBA Programme will be ENGLISH only

3   MBA PROGRAMME (PGP IN MANAGEMENT) STRUCTURE

3.1 The MBA Programme of GNIT (Autonomous) (JNTUH) is in Semester pattern, with Four Semesters consisting of two academic years, each academic year having Two Semesters (First/Odd and Second/Even Semesters). Each Semester shall be of 22 weeks duration (inclusive of Examinations), with a minimum of 90 instructional days per Semester.

3.2 The student shall not take more than four academic years to fulfill all the academic requirements for the award of MBA degree from the date of commencement of first year first semester, failing which the student shall forfeit the seat in MBA programme.

3.3 UGC/AICTE specified definitions/descriptions are adopted appropriately for various terms and abbreviations used in these PG academic regulations, as listed below:

3.3.1 Semester Scheme

Each Semester shall have 'Continuous Internal Evaluation (CIE)' and 'Semester End Examination (SEE)'. Choice Based Credit System (CBCS) and Credit Based Semester System (CBSS) are taken as 'references' for the present set of Regulations. The terms 'SUBJECT' and 'COURSE' imply the same meaning here and refer to 'Theory Subject', or 'Lab Course', or 'Seminar', or 'Comprehensive Viva', or 'Project' as the case may be.

3.3.2 Credit Courses

All subjects/courses are to be registered by the student in a semester to earn credits which shall be assigned to each subject/course in an L: T: P: C (Lecture Periods: Tutorial Periods: Practical Periods: Credits) structure based on the following general pattern:

One credit for one hour/week/semester for theory/lecture (L) courses

One credit for two hours/ week/semester for laboratory/ practical (P) courses or tutorials (T)

Other student activities like study tour, guest lecture, conference/workshop participations, technical paper presentations, and identified mandatory courses, if any, will not carry credits.

3.3.3 Subject Course Classification

All subjects/courses offered for the MBA Degree Programme is broadly classified as follows.

The University has followed in general the guidelines issued by AICTE/UGC.

Sl.No	Broad Course Classification	Course Group / Category	Course Description
1	Core Courses (CoC)	CC- Core Courses	Includes subjects related to the Management
		Project Work	MBA Project or PG Project or Major Project
		Seminar / Pre Submission of Project Work /Summer Internship	Seminar/Colloquium based on core contents related to Management.
2	Elective Courses (ELE)	PE Professional Electives	Includes elective subjects related to the Specialization
		OE - Open Electives	Elective subjects which include interdisciplinary subjects.

4   COURSE REGISTRATION

4.1 A 'Faculty Advisor or Counselor' shall be assigned to each specialization, who will advise on the MBA, its Course Structure and Curriculum, Choice/Option for Subjects/ Courses, based on his competence, progress, pre-requisites and interest.

4.2 The Academic Section of the College invites 'Registration Forms' from students within 15 days from the commencement of class work through 'ON-LINE SUBMISSIONS', ensuring 'DATE and TIME Stamping'. The ON-LINE Registration Requests for any 'CURRENT SEMESTER' shall be completed BEFORE the commencement of SEEs (Semester End Examinations) of the 'PRECEDING SEMESTER'.

4.3 A Student can apply for ON-LINE Registration, ONLY AFTER obtaining the 'WRITTEN APPROVAL' from his Faculty Advisor, which should be submitted to the College Academic Section through the Head of Department (a copy of it being retained with Head of Department, Faculty Advisior and the Student).

4.4 If the Student submits ambiguous choices or multiple options or erroneous entries during ONLINE Registration for the Subject(s) / Course(s) under a given/ specified Course Group/ Category as listed in the Course Structure, only the first mentioned Subject/ Course in that Category will be taken into consideration.

4.5 Subject/ Course Options exercised through ON-LINE Registration are final and CANNOT be changed, nor can they be inter-changed; further, alternate choices also will not be considered. However, if the Subject/ Course that has already been listed for Registration by the University in a Semester could not be offered due to unforeseen or unexpected reasons, then the Student will be allowed to have alternate choice either for a new Subject, if it is offered, or for another existing Subject (subject to availability of seats). Such alternate arrangements will be made by the Head of Department, with due notification and time-framed schedule, within the FIRST WEEK from the commencement of Class-work for that Semester.

5   ATTENDANCE REQUIREMENTS

The programmes are offered on the basis of a unit system with each subject being considered a unit.

Attendance is calculated separately for each subject.

5.1 Attendance in all classes (Lectures/Laboratories) is compulsory. The minimum required attendance in each theory including the attendance of mid-term examination / Laboratory etc. is 75%. Two periods of attendance for each theory subject shall be considered, if the student appears for the mid-term examination of that subject. A student shall not be permitted to appear for the Semester End Examinations (SEE), if his attendance is less than 75%.

5.2 **Condoning of shortage of attendance** (between 65% and 75%) up to a maximum of 10% (considering the days of attendance in sports, games, NCC, NSS activities and Medical grounds) in each subject of a semester shall be granted by the College Academic Committee on genuine reasons.

5.3 Shortage of Attendance below 65% in any subject shall in **no case be condoned.**

5.4 A Student, whose shortage of **attendance is not condoned** in any subject(s) in any semester, is considered detained in that subject(s) and is not eligible to write Semester End Examination(s) of such subject(s) in that semester, and he has to seek re-registration for those subject(s) in subsequent semesters, and attend the same as and when offered.

5.5 A student fulfills the attendance requirement in the present semester, shall not be eligible for readmission into the same class.

5.6 A prescribed fee per subject shall be payable for condoning shortage of attendance after getting the approval of College Academic Committee for the same. The college Academic Committee shall maintain relevant documents along with the request from the student.

5.7 A Candidate shall put in a minimum required attendance at least THREE theory subjects in each semester for promoting to next Semester.

6   ACADEMIC REQUIREMENTS

The following academic requirements have to be satisfied, in addition to the attendance requirements mentioned in item no. 5. The performance of the candidate in each semester shall be evaluated subject-wise, with a maximum of 100 marks per subject / course (theory / laboratory), on the basis of Internal Evaluation and Semester End Examination.

6.1 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/course, if he secures not less than 40% of marks (30 out of 75 marks) in the End Semester Examination, and a minimum of 50% of marks in the sum total of CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together; in terms of Letter Grades and this implies securing 'B' Grade or above in a subject.

6.2 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to a subject/ course, if he secures not less than 50% of the total marks. The student is deemed to have failed, if he does not submit a report on summer internship, or does not make a presentation of the same before the evaluation committee as per schedule, in such a case, he has to reappear for the same during the supplementary examinations as and when conducted, subject to item 3.2.

6.3 A student shall register for all subjects for total of 102 credits as specified and listed in the course structure for the chosen specialization, put in the required attendance and fulfill the academic requirements for securing 102 credits obtaining a minimum of 'B' Grade or above in each subject, and all 102 credits securing Semester Grade Point Average (SGPA) ≥ 6.0 (in each semester) and final Cumulative Grade Point Average (CGPA) (i.e., CGPA at the end of MBA Programme) ≥ 6.0, to complete the MBA Programme successfully.

Note: (1) The SGPA will be computed and printed on the marks memo only if the candidate passes in all the subjects offered and gets minimum B grade in all the subjects.

(2) CGPA is calculated only when the candidate passes in all the subjects offered in all the semesters

6.4 Marks and Letter Grades obtained in all those subjects covering the above specified 102 credits alone shall be considered for the calculation of final CGPA, which will be indicated in the Grade Card /Marks Memo of second year second semester.

6.5 If a student registers for extra subject(s) (in the parent specialization or other specializations of Management) other than those listed subjects totaling to **102** credits as specified in the course structure, the performance in extra subject(s) (although evaluated and graded using the same procedure as that of the required **102** credits) will not be considered while calculating the SGPA and CGPA. For such extra subject(s) registered, percentage of marks and Letter Grade alone will be indicated in the Grade Card/Marks Memo, as a performance measure, subject to completion of the attendance and academic requirements as stated in items 5 and 6.1 - 6.3.

6.6 When a student is detained due to shortage of attendance in any subject(s) in any semester, no Grade allotment will be made for such subject(s). However, he is eligible for reregistration of such subject(s) in the subsequent semester(s), as and when next offered, with the academic regulations of the batch into which he is re-registered, by paying the prescribed fees per subject. In all these re-registration cases, the student shall have to secure a fresh set of internal marks and Semester End Examination marks for performance evaluation in such subject(s), and SGPA/CGPA calculations.

6.7 A student eligible to appear for the Semester End Examination in any subject, but absent from it or failed (failing to secure 'B' Grade or above), may reappear for that subject at the supplementary examination as and when conducted. In such cases, his Internal Marks assessed earlier for that subject will be carried over, and added to the marks secured in the supplementary examination, for the purpose of evaluating his performance in that subject.

6. 8 A Student who fails to earn 102 credits as per the specified course structure, and as indicated above, within **four** academic years from the date of commencement of his first year first semester, shall forfeit his seat in MBA programme and his admission **shall stand cancelled.**

7   EVALUATION - DISTRIBUTION AND WEIGHTAGE OF MARKS

The performance of a student in each semester shall be evaluated subject- wise (irrespective of credits assigned) for a maximum of 100 marks. The MBA project work (main project viva voce) will also be evaluated for 100 marks.

7.1 For the theory subjects 75 marks shall be awarded for the performance in the Semester End Examination and 25 marks shall be awarded for Continuous Internal Evaluation (CIE). The Continuous Internal Evaluation shall be made based on the average of the marks secured in the two Mid-Term Examinations conducted, first Mid-Term examinations in the middle of the Semester and second Mid-Term examinations during the last week of instruction. Each Mid-Term Examination shall be conducted for a total duration of 120 minutes with Part 'A' as compulsory consisting of 5 questions carrying 2 marks each (10 marks), and Part 'B' with 3 questions to be answered out of 5 questions, each question carrying 5 marks (15 marks). The details of the Question Paper pattern for Semester End Examination (Theory) are given below:

The Semester End Examination will be conducted for 75 marks. It consists of two parts. i).Part A for 25 marks, ii). Part B for 50 marks.

Part A is compulsory and consists of 5 questions, one from each unit and carrying 5 marks each.

Part B consists of 5 questions carrying 10 marks each. There will be two questions from each unit and only one should be answered.

7.2 For practical subjects, 75 marks shall be awarded for performance in the semester end examination and 25 marks shall be awarded for day-to-day performance as internal Marks. For conducting laboratory end examinations, one internal examiner and one external examiner are to be appointed by the Principal / Director of the College and this is to be informed to the Director of Evaluation within two weeks, before commencement of the lab end examinations. The external examiner should be selected from outside the college concerned but within the cluster. No external examiner should be appointed from any other college in the same cluster/ any other cluster which is run by the same Management. A candidate has to secure a minimum of 50% of marks to be declared successful. If he fails to obtain the minimum marks, he has to reappear for the same during the supplementary examinations as and when conducted, subject to item 3.2.

7.3 There shall be a summer internship during the summer vacation of I Year II Semester and the evaluation is done in II year I Semester. Summer internship Report has to be submitted to the department after approval by the concerned supervisor / mentor and the Head of the department. Summer Internship Report is evaluated for 100 marks. The report has to be evaluated by the Head, Supervisor / mentor and a senior faculty of the department.   A candidate has to secure a minimum of 50% of marks to be declared successful. If he fails to obtain the minimum marks, he has to reappear for the same during the supplementary examinations as and when conducted, subject to item 3.2.

7.4 Every Candidate shall be required to submit a thesis or dissertation on a topic approved by the Project Review Committee.

7.5 A Project Review Committee (PRC) shall be constituted with the Head of the Department as Chairperson, Project Supervisor and one senior faculty member of the Departments offering the MBA programme.

7.6 Registration of Project Work: A candidate is permitted to register for the project work at the beginning of II Year II Semester after satisfying the attendance requirement in all the subjects, both theory and laboratories upto II Year I Semester. The duration of the project work is one semester.

7.7 After satisfying 7.6, a student, in consultation with his Project Supervisor, has to present the title, Objective, and plan of action of his project work to the Project Review Committee (PRC) for approval within two weeks from the commencement of II Year II Semester. The student can initiate the Project work after obtaining the approval of the PRC. The Supervisor and PRC will examine the progress of the Project Work during Pre-Submission project seminar. For the subject 'Pre-Submission Project Seminar', there will be only internal evaluation for 100 marks. Evaluation shall be done by the PRC for 50 marks and the Supervisor shall evaluate the work for another 50 marks. A candidate has to secure a minimum of 50% of marks to be declared successful. If he fails to obtain the minimum marks, he has to reappear for the same during the supplementary examination as and when notification is issued, subject to item 3.2. Pre-Submission Project seminar has to be conducted along with 1st and 2nd midterm examinations.

7.8 If a candidate wishes to change his supervisor or topic of the project, he can do so with the approval of the PRC. However, the PRC shall examine whether or not the change of topic/supervisor leads to a major change of his initial plans of project proposal. If yes, his date of registration for the project work starts from the date of change of Supervisor or topic as the case may be.

7.9 A Candidate is permitted to submit project thesis with the approval of PRC not earlier than 16 weeks from the date of commencement of Fourth Semester. For the approval of PRC   the candidate shall submit the draft copy of thesis to the Head of the Department and make an oral presentation before the PRC during the Pre-submission project seminar at 2nd mid tern examinations.

7.10 After approval from the PRC, a soft copy of the thesis should be submitted for ANTIPLAGIARISM check and the plagiarism report should be submitted to the GNIT (Autonomous) and be included in the final thesis. The Thesis will be accepted for submission, if the similarity index is less than 30%. If the similarity index has more than the required percentage, the student is advised to modify accordingly and re-submit the soft copy of the thesis after one month. The maximum number of re-submissions of thesis

after plagiarism check is limited to TWO. The candidate has to register for the Project work and work for one semester. After three attempts, the admission is liable to be cancelled. The college authorities are advised to make plagiarism check of every soft copy of theses before submissions.

7.11 Three copies of the Project Thesis certified by the supervisor shall be submitted to the College/School/Institute.

7.12 The thesis shall be adjudicated by an external examiner selected by the University. For this, the Principal of the College/School/Institute shall submit a panel of **three** examiners from among the list of experts in the relevant specialization as submitted by the supervisor concerned and Head of the Department.

7.13 If the report of the external examiner is unsatisfactory, the candidate shall revise and resubmit the Thesis. If the report of the examiner is unsatisfactory again, the thesis shall be summarily rejected. Subsequent actions for such dissertations may be considered, only on the specific recommendations of the external examiner and /or Project work Review Committee. No further correspondence in this matter will be entertained, if there is no specific recommendation for resubmission.

7.14 If the report of the external examiner is satisfactory, the Head of the Department shall coordinate and make arrangements for the conduct of Main Project Viva - Voce examination. The Main Project Viva-Voce examination will be evaluated for 100 marks. The Main Project Viva-Voce examination shall be conducted by a board consisting of the Supervisor, Head of the Department and the external examiner who adjudicated the Thesis. The candidate has to secure a minimum of 50% of marks in Main Project Viva-Voce examination. For Main Project Viva-Voce examination one external examiner shall be allotted for a group of 20 students. The Main Project Viva-Voce examination shall be conducted within one week after completion of the Fourth Semester End Examinations.

7.15 If he fails to fulfill the requirements as specified in 7.14, he will reappear for the Main Project Viva-Voce examination only after three months. In the reappeared examination also, if he fails to fulfill the requirements, he will not be eligible for the award of the degree, unless he is asked to revise and resubmit his project work by the board within a specified time period (within **four** years from the date of commencement of his first year first semester).

7.16 The Main Project Viva-Voce External examination marks must be submitted to the GNIT (Autonomous) on the day of the examination

8   RE-ADMISSION/RE-REGISTRATION

8.1 Re-Admission for Discontinued Student

A student, who has discontinued the MBA degree programme due to any reason whatsoever, may be considered for 'readmission' into the same degree programme (with the same specialization) with the academic regulations of the batch into which he gets readmitted, with prior permission from the authorities concerned, subject to item 6.6.

8.2 If a student is detained in a subject (s) due to shortage of attendance in any semester, he may be permitted to **re-register** for the same subject(s) in the same category (core or elective group) or equivalent subject, if the same subject is not available, as suggested by the Board of Studies of that department, as and when offered in the subsequent semester(s), with the academic regulations of the batch intowhich he seeks re-registration, with prior permission from the authorities concerned, subject to item 3.2.

8.3 A candidate shall be given one chance to re-register and attend the classes for a maximum of two subjects, if the internal marks secured by a candidate are less than 50% and failed in those subjects but fulfilled the attendance requirement. A candidate must re-register for failed subjects within four weeks of commencement of the class work and secure the required minimum attendance. In the event of the

student taking this chance, his Continuous Internal Evaluation (internal) marks and Semester End Examination marks obtained in the previous attempt stand cancelled.

9 EXAMINATIONS AND ASSESSMENT - THE GRADING SYSTEM

9.1 Grades will be awarded to indicate the performance of each student in each Theory Subject, or Lab/Practicals, or Seminar, or Project, etc., based on the % of marks obtained in CIE + SEE (Continuous Internal Evaluation + Semester End Examination, both taken together) as specified in Item 7 above, and a corresponding Letter Grade shall be given.

9.2 As a measure of the student's performance, a 10-point Absolute Grading System using the following Letter Grades (UGC Guidelines) and corresponding percentage of marks shall be followed:

% of Marks Secured in a subject/Course (Class Intervals)	Letter Grade (UGC Guidelines)	Grade Points
90% and above ($\geq 90\%$, $\leq 100\%$)	O (Outstanding)	10
Below 90% but not less than 80% ($\geq 80\%$, $<90\%$)	A^+ (Excellent)	9
Below 80% but not less than 70% ($\geq 70\%$, $<80\%$)	A (Very Good)	8
Below 70% but not less than 60% ($\geq 60\%$, $<70\%$)	B^+ (Good)	7
Below 60% but not less than 50% ($\geq 50\%$, $<60\%$)	B (above Average)	6
Below 50% ($< 50\%$)	F (FAIL)	0
Absent	Ab	0

9.3 A student obtaining F Grade in any Subject is deemed to have 'failed' and is required to reappear as 'Supplementary Candidate' for the Semester End Examination (SEE), as and when conducted. In such cases, his Internal Marks (CIE Marks) in those subjects will remain as obtained earlier.

9.4 If a student has not appeared for the examinations, 'Ab' Grade will be allocated to him for any subject and shall be considered 'failed' and will be required to reappear as 'Supplementary Candidate' for the Semester End Examination (SEE), as and when conducted.

9.5 A Letter Grade does not imply any specific marks percentage; it is only the range of percentage of marks.

9.6 In general, a student shall not be permitted to repeat any Subject/ Course (s) only for the sake of 'Grade Improvement' or 'SGPA/ CGPA Improvement'.

9.7 A student earns Grade Point (GP) in each Subject/ Course, on the basis of the Letter Grade obtained by him in that Subject/ Course. The corresponding 'Credit Points' (CP) are computed by multiplying the Grade Point with Credits for that particular Subject/ Course.

Credit Points (CP) = Grade Point (GP) x Credits …. For a Course

9.8 The student passes the Subject/ Course only when he gets **GP $\geq$6 (B Grade or above).**

9.9 The Semester Grade Point Average (SGPA) is calculated by dividing the Sum of Credit Points ($\sum CP$) secured from ALL Subjects/ Courses registered in a Semester, by the Total Number of Credits registered during that Semester. SGPA is rounded off to TWO Decimal Places. SGPA is thus computed as

$$\textbf{SGPA} = \{ \textstyle\sum_{i=1}^{N} \textbf{C}_i \, \textbf{G}_i \} / \{ \textstyle\sum_{i=1}^{N} \textbf{C}_i \} \textbf{ …. For each Semester,}$$

where 'i' is the Subject indicator index (taking into account all Subjects in a Semester), 'N' is the no. of Subjects 'REGISTERED' for the Semester (as specifically required and listed under the Course Structure of

the parent Department), C_i is the no. of Credits allotted to the ith Subject, and G_ℓ represents the Grade Points (GP) corresponding to the Letter Grade awarded for that i^{th} Subject.

9.10 The Cumulative Grade Point Average (CGPA) is a measure of the overall cumulative performance of a student over all Semesters considered for registration. The CGPA is the ratio of the Total Credit Points secured by a student in ALL registered Courses in ALL Semesters, and the Total Number of Credits registered in ALL the Semesters. CGPA is rounded off to TWO Decimal Places. CGPA is thus computed from the I Year Second Semester onwards, at the end of each Semester, as per the formula

$$CGPA = \{ \textstyle\sum_{j=1}^{M} C_j\, G_j \} / \{ \textstyle\sum_{j=1}^{M} C_j \} \; \dots \text{ for all S Semesters registered}$$
$$\text{(ie., upto and inclusive of S Semesters, S} \geq 2),$$

where 'M' is the TOTAL no. of Subjects (as specifically required and listed under the Course Structure of the parent Department) the Student has 'REGISTERED' for from the 1st Semester onwards up to and inclusive of the Semester S (obviously M > N), 'j' is the Subject indicator index (taking into account all Subjects from 1 to S Semesters), C_j is the no. of Credits allotted to the jth Subject, and G_j represents the Grade Points (GP) corresponding to the Letter Grade awarded for that j^{th} Subject. After registration and completion of I Year I Semester however, the SGPA of that Semester itself may be taken as the CGPA, as there are no cumulative effects.

Illustration of calculation of SGPA

Course/Subject	Credits	Letter Grade	Grade points	Credit Points
Course 1	4	A	8	4*8 = 32
Course 2	4	O	10	4*10=40
Course 3	4	B	6	4*6=24
Course 4	3	B	6	3*6=18
Course 5	3	A+	9	3*9=27
Course 6	3	B	6	3*6=18
	21			159

SGPA = 159/21 = 7.57

Illustration of calculation of CGPA

Semester	Credits	SGPA	Credits * SGPA
Semester I	24	7	24*7 = 168
Semester II	24	6	24*6 = 144
Semester III	24	6.5	24*6.5 = 156
Semester IV	24	6	24*6 = 144
	96		612

CGPA = 612/96 = 6.37

completion of I Year I Semester however, the SGPA of that Semester itself may be taken as the CGPA, as there are no cumulative effects.

Illustration of calculation of SGPA

Course/Subject	Credits	Letter Grade	Grade points	Credit Points
Course 1	4	A	8	4*8 = 32

Course 2	4	O	10	4*10=40
Course 3	4	B	6	4*6=24
Course 4	3	B	6	3*6=18
Course 5	3	A+	9	3*9=27
Course 6	3	B	6	3*6=18
	21			159

$$SGPA = 159/21 = 7.57$$

Illustration of calculation of CGPA

Semester	Credits	SGPA	Credits * SGPA
Semester I	24	7	24*7 = 168
Semester II	24	6	24*6 = 144
Semester III	24	6.5	24*6.5 = 156
Semester IV	24	6	24*6 = 144
	96		612

$$CGPA = 612/96 = 6.37$$

10 AWARD OF DEGREE AND CLASS

10.1 If a student who registers for all the specified Subjects/ Courses as listed in the Course Structure, satisfies all the Course Requirements, and passes the examinations prescribed in the entire MBA Programme , and secures the required number of **102** Credits (with CGPA ≥6.0), shall be declared to have 'QUALIFIED' for the award of the MBA Degree that he was admitted into.

10.2 Award of Class

After a student has earned the requirements prescribed for the completion of the programme and is eligible for the award of MBA Degree, he shall be placed in one of the following three classes based on the CGPA:

Class Awarded	CGPA
First Class with Distinction	≥ 7.75
First Class	6.75 ≤ CGPA < 7.75
Second Class	6.00 ≤ CGPA < 6.75

A student with final CGPA (at the end of the MBA Programme) < 6.00 shall not be eligible for the Award of Degree.

11 WITHHOLDING OF RESULTS

11.1 If the student has not paid the dues, if any, to the University or if any case of indiscipline is pending against him, the result and degree of the student will be withheld and he will not be allowed into the next semester

12 General

12.1 **Credit:** A unit by which the course work is measured. It determines the number of hour of instructions required per week. One credit is equivalent to one hour of teaching (Lecture or Tutorial) or two hours of practical work/field work per week.

12.2 **Credit Point:** it is the product of grade point and number of credits for a course.

12.3 Wherever the words "he", "him", "his", occur in the regulations, they shall include "she", "her".

12.4 The academic regulations should be read as a whole for the purpose of any interpretation.

12.5 In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the University is final.

12.6 The University may change or amend the academic regulations or syllabi at any time and the changes or amendments made shall be applicable to all the students with effect from the dates notified by the University.

13	MAL-PRACTICES RULES AND DISCIPLINARY ACTION FOR /IMPROPER CONDUCTING OF EXAMINATIONS

S.No	Nature of Malpractices/Improper conduct	Punishment
	If the candidate	
1.(a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the subject to the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination).	Expulsion from the examination hall and cancellation of the performance in that subject only
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. Incase of an outsider, he will be handed over to the police and a case is registered against him
2	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject to the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year. The Hall Ticket of the candidate is to be cancelled and sent to the University.
3	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred and forfeits the seat. The performance of the original candidate, who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two

			consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
4		Smuggles in the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that Semester/year. The candidate is also debarred for two consecutive semesters from class work and all University Examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with Forfeiture of seat.
5		Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass mark. Refuses to obey the orders of the Chief Superintendent/Assistant – Superintendent/ any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in- charge, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the College campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination	Cancellation of the performance in that Subject. In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The candidates also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered Against them.
7		Leaves the exam hall taking away answer script or intentionally tears of	Expulsion from the examination hall and cancellation of performance in that subject

	the script or any par there of inside or Outside the examination hall.	and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that Semester/year. The candidate is also debarred for two consecutive semesters from class work and all University Examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
8	Possess any lethal weapon or firearm in the examination hall	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.
9	If student of the college, who is not a candidate for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause6 to 8.	Student of the colleges expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat. Person(s) who do not belong to the College will be handed over to police and, a police case will be registered against them.
10.	Comes in a drunken condition to the examination hall	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11.	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject and all other subjects the candidate has appeared including practical examinations and project work of that semester/year examinations.
12	If any malpractice is detected which is not covered in the above clauses1to11shall be reported to the University for further action to award suitable punishment.	

Malpractices identified by squad or special invigilators

1. Punishments to the candidates as per the above guidelines.
2. Punishment for institutions: (if the squad reports that the college is also involved in encouraging malpractices)

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i. A show cause notice shall be issued to the college.
ii. Impose a suitable fine on the college.
iii. Shifting the examination centre from the college to another college for a specific period of not less than one year