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GURU NANAK INSTITUTE OF TECHNOLOGY

MINUTES OF MEETING OF ACADEMIC COUNCIL

Venue:

Board Room

On

31.10.2022 at 11.00 AM

GURU NANAK INSTITUTE OF TECHNOLOGY (AUTONOMOUS)
Ibrahimpatnam, R. R. District, Hyderabad-501506
Telangana, India

Academic Council Meeting No.1/2022-2023

Venue: Board Room, Principal Office, GNIT

Date: 31.10.2023 at 11:00 a.m.

MINUTES

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

Members Present:

S.No.	Name and Designation	Position in Academic Council
1	Dr. S. Sreenatha ReddyPrincipal, GNIT	Chairman
2	Dr. H. S. Saini Managing Director, GNI	Member (Nominee by 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 (University Nominee)
7	Dr. P. Ramesh Babu Professor (ME), Osmania University	Member (Nominee by BOG)
8	Prof. Srinivasulu Tadisethy Dean Faculty of Engineering & Technology, KU	Member (Industry Nominee)
9	Mr. Meka Venkata Chalapathy Head, VIRTUSA, Hyderabad	Member (Industry Nominee)
10	Dr. B. Vijay Kumar Professor, HOD (ME) and Controller of Examinations	Member (Ex-officio HOD)
11	Dr. B. Santhosh Kumar Professor & HOD (CSE)	Member (Ex-officio HOD)
12	Dr. M. Sadish Senthil Professor & HOD (ET)	Member (Ex-officio HOD)
13	Dr. Shatrughna Prasad Yadav Professor & HOD (ECE)	Member (Ex-officio HOD)
14	Dr. S. M. Subash Associate Professor, HOD (CE)	Member (Ex-officio HOD)
15	Dr. S. Jayanthi Associate Professor, HOD (IT)	Member (Ex-officio HOD)
16	Dr. Ch. Nagaraja Kumari Associate Professor, HOD (EEE)	Member (Ex-officio HOD)
17	Dr. B. Madhusudhan Reddy Professor, HOD (MBA)	Member (Ex-officio HOD)
18	Dr. G. Srinivas Professor, HOD (H&S)	Member (Ex-officio HOD)

19	Dr. N. Bhasker Professor, H&S	Member
20	Dr. V Sesha Sai Kumar Assistant Professor, H&S	Member
21	Dr. Vishal Walia Professor, ECE	Member
22	Dr. P. Venkanna Asst. Professor, H & S	Member
23	Dr. Sanjeev Shrivastava Professor, CSE and 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 them about the institute's activities, and achievements of the institute. Dr. S. Sreenatha Reddy, Chairman of, Academic Council, presented the agenda of the meeting.

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

Agenda Point No.1 – Increase/ decrease in intake

Dr. S. Sreenatha Reddy, Chairman, Academic Council, apprised the Academic Council members about the increase in the number of seats in B. Tech Artificial Intelligence and Data Science from 60 to 120 and B. Tech CSE (Artificial Intelligence and Machine Learning) from 60 to 120. Further, he added that there is a reduction of seats in B. Tech Civil Engineering is reduced from 120 to 60 and B. Tech Mechanical Engineering is reduced from 120 to 60.

The council appreciated that the institute is evolving as a central hub for courses in Emerging Technologies.

EOA 2022-23 from AICTE and JNTUH NOC is attached for ready reference as **Annexure-I a and Annexure 1b respectively.**

Agenda Point No.2 - Approval of Course Structure for B. Tech, M. Tech, and M.B.A are to be finalized, R22 regulations issued by JNTUH are going to be implemented

Chairman, Academic Council, described the Academic Council members about the new Course Structure for B. Tech, M.B.A, and M. Tech as per R22 regulations issued by JNTUH and proposed that same should be implemented at GNIT also.

Dr. A. Raghuram, suggested that as per new guidelines from UGC the overall degree should have 160 credits with a minimum of 20 credits in each semester. Dr. Raghuram also enquired about the inclusion of mandatory courses like Constitution of India, and Environmental Science. The Chairperson clarified about the inclusion of mandatory courses like the Constitution of India, Environmental Science, Gender Sensitization, etc. in the course structure. The Chairperson has informed that 160 credits are allotted.

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

The Council discussed various norms and approved that the same regulations as per JNTUH can be followed at GNIT and there should not be any deviation from JNTUH norms. The honorable members also approved the Lab masters of all UG (I and II years) and PG programs.

Final R22 regulations for B. Tech, M. Tech, and M.B.A are attached as **Annexure-II a, Annexure-II b, and Annexure-II c respectively** and Final Course Structures along with lab

masters for B. Tech, M. Tech, and M.B.A are attached as **Annexure-II d, Annexure-II e, and Annexure-IIf respectively.**

Agenda Point No.3 - Approval of BOS constitution as per UGC norms of all UG & PG Programs offered by our institution like B. Tech, M. Tech, and MBA including Humanities & Sciences.

Dr. S. Sreenatha Reddy, Chairman, Academic Council, proposed the BOS constitution as per UGC norms for all UG & PG Programs offered by our institution like B. Tech, M. Tech, MBA including Humanities & Sciences for kind approval from the Academic Council.

The council approved the above-mentioned BOS of all UG & PG Programs (B. Tech, M. Tech, MBA, and H&S).

The BOS for the various departments is attached as **Annexure-III**.

Agenda Point No. 4 – Relaxation of credits for promotion from AY 2021-22 to AY 2022-23.

Following the guidelines issued by Registrar JNTUH vide letter no. JNTUH EB/Relaxation of Promotion Rules 2022 dated 17.10.22, it was proposed by the chairman of the Academic Council to allow the same relaxation at GNIT also.

Dr. M. Madhavi Latha, suggested that the students must earn a minimum of 25% credits in every year to qualify for the promotion to the next year. It was clarified that the proposed norms are also fulfilling the same condition with decimal rounding to the lower digit rounding off.

All the members of the Academic Council accepted the relaxation of credits (25% of total credits) for credit-based detention of the B. Tech students for promotion to the next year (the academic year 2022-23), applicable for the academic year 2021-22 only. The year-wise details are as follows:

Promotion from	Regular Student	Lateral Entry student
I year to II year*	9 credits out of 37	---
II year to III year*	19 credits out of 79	10 credits out of 42
III year to IV year*	30 credits out of 123	21 credits out of 86

*** Secured credits to be considered up to October/November 2022 Examinations**

The JNTUH circular dated 17.10.2022 and GNIT notice regarding the relaxation in norms are attached as **annexure-IV**.

Agenda Point No. 5 – Implementation of Pre-Covid norms from AY 2022-23

All the Academic Council members discussed that the Covid-19 pandemic is over now and the institute need not to continue with the relaxation in attendance norms and examination pattern meant for the pandemic times. So, the institute should revert back to the Implementation of Pre-Covid norms from AY 2022-23 w. r. t. the maintenance of minimum attendance and pattern of the question paper.

The JNTUH notice as well as the GNIT notice regarding the implementation of pre-Covid norms from AY 2022-23 are attached as **Annexure-V.**

Agenda Point No. 6 – Approval of Academic Calendars of all courses

The Chairman of the Academic Council, proposed the Academic Calendar for AY 2022-23 to be followed in various UG and PG Programs. The Academic Council suggested that the requirement of the minimum number of working days i.e., 90 days must be fulfilled while preparing the academic calendar. It was then apprised by the Chairman of the Academic Council that due care has been taken while preparing the Academic Calendar.
The Honorable members then approved the Academic Calendars for various programs.
The Academic Calendars for all the programs are attached as **Annexure -VI.**

Agenda Point No. 7 – Readmission into the appropriate semester with suitable regulations and substitute subjects.

It was proposed to implement the Readmission rules so that students who were detained under R16 or R18 regulations and are now willing to continue with their degree can be admitted into the appropriate semester under R20 / R22 Regulations.
Dr. M. Madhavi Latha, discussed in detail about the procedural implementation of the readmission norms for the students under R16 and R18 regulations. Giving more clarity on the norms, the honorable member added that in case the student who has been detained in the first year of R18 Regulations due to lack of attendance shall be permitted to join the first year first Semester of R22 Regulations.
Whereas if a student of R16 or R18 Regulations is seeking readmission in subsequent years will only be allowed for the readmission if he/she has cleared all the subjects of the previous years in the parent regulation (R16 or R18 as the case may be) i.e., he has to clear all the subjects in which he was failing as per the parent regulation and earn all the credits for all the years preceding the readmission year. Thereafter, he has to earn all credits of corresponding years of the conforming regulation (R20 or R22- as the case may be).
The Academic Council members after the discussion on various aspects approved the rules for Readmission into the appropriate semester with suitable regulations and choose the relevant substitute subjects which were not offered to him in the previous semesters.
Academic Regulations (R22) have already been attached as **Annexure-II.**

Agenda Point No. 8 – Minor and Honours Programme in B. Tech

The Academic Council highlighted the key objectives of offering B. Tech. with Minor program to expand the domain knowledge of the students in one of the other branches of engineering and to increase the employability of undergraduate students keeping in view of better opportunities in interdisciplinary areas of Engineering & Technology.
Keeping in view the benefits of Minor and Honours Programme the Academic Council approved Minor & Honours program for B. Tech for the academic year 2022-23.
The details of the Minor and Honours Programme in B. Tech are attached herewith as **Annexure- VII a and Annexure- VII b respectively**.

Agenda Point No. 9 – Moderation in Semester-End Question Paper, Evaluation, and process of result declaration.

The members of the Academic Council minutely discussed the policy of Moderation in the Semester-End Question Paper, Adjustment of marks (Grafting), and Grace marks for improving Division and approved the same.
Dr. Raghuram suggested that the grafting rules should comply with the norms laid down by various governing bodies like UGC and JNTUH.

The honorable members also discussed about the evaluation process and concluded that the process of result declaration should be at par with JNTUH norms and approved the same. The related documents are enclosed herein as **Annexure – VIII.**

Agenda Point No. 10 – Permission for the conduct of Computer Based Test (CBT)/ Special Mid Examination for Post Graduate students

Dr. S. Sreenatha Reddy, Chairman, Academic Council, raised that permission may kindly be granted for the conduct of Computer Based Test (CBT)/ Special Mid Examination for Post Graduate programs in concurrence with Undergraduate programs.

The members of the Academic Council denied the permission for the conduct of Computer Based Test (CBT)/ Special Mid Examination for Post Graduate students. Further, it was suggested by the honorable members that more efforts should be made to sensitize the students about the importance of Mid examination.

Agenda Point No. 11– Empowering Principal, GNIT to take emergency and time bound compliance related decisions to comply with the Government and JNTUH decisions and policies.

Dr. S. Sreenatha Reddy, Chairman, Academic Council, raised that the Principal, GNIT should be empowered to take emergency and time bound compliance related decisions in conformance with the crucial Government and JNTUH decisions and policies.

The honorable members of the Academic Council have given the approval to empower the Principal, GNIT to take emergency and time bound compliance related decisions in conformance with the crucial Government and JNTUH decisions and policies.

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

Dr. S. Sreenatha Reddy
Principal & Chairman - ACM

Copy to:

1. All the members of the Academic Council
2. Honorable Managing Director, GNI – for information, please
3. Honorable Vice Chairman, GNI – for information please

GURU NANAK INSTITUTE OF TECHNOLOGY

Academic Council Meeting No. 1/2022-23

Venue: Board Room, Principal Office, GNIT date: 31-10-2022

Attendance Sheet

S.No.	Name and Designation	Position in Academic Council	Signature
1	Dr. S. Sreenatha Reddy Principal, GNIT	Chairman	
2	Dr. H. S. Saini, Managing Director, GNI	Member (Nominee by 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)	31.10.22
6	Dr. M. Madhavi Latha Professor (ECE) & Director (Academic & Planning), JNTUH	Member (University Nominee)	
7	Dr. P. Ramesh Babu Professor (ME), Osmania University	Member (Nominee by BOG)	
8	Prof. Srinivasulu Tadisethy Dean Faculty of Engineering & Technology, KU	Member (Industry Nominee)	
9	Mr. Meka Venkata Chalapathy Head, VIRTUSA, Hyderabad	Member (Industry Nominee)	
10	Dr. B. Vijay Kumar Professor, HOD (ME) and Controller of Examinations	Member (Ex-officio HOD)	
11	Dr. B. Santhosh Kumar, Professor & HOD (CSE)	Member, (Ex-officio HOD)	
12	Dr. M. Sadish Senthil, Professor & HOD (ET)	Member, (Ex-officio HOD)	
13	Dr. Shatrughna Prasad Yadav, Professor & HOD (ECE)	Member, (Ex-officio HOD)	
14	Dr. S. M. Subash, Associate Professor, HOD (CE)	Member, (Ex-officio HOD)	
15	Dr. S. Jayanthi, Associate Professor, HOD (IT)	Member, (Ex-officio HOD)	
16	Dr. Ch. Nagaraja Kumari, Associate Professor, HOD (EEE)	Member, (Ex-officio HOD)	
17	Dr. B. Madhusudhan Reddy, Professor, HOD (MBA)	Member, (Ex-officio HOD)	
18	Dr. G. Srinivas, Professor, HOD (H&S)	Member, (Ex-officio HOD)	
19	Dr. V Sesha Sai Kumar, Asst. Prof, (H&S)	Member	
20	Dr. N. Bhasker, Professor, (H&S)	Member	
21	Dr. Vishal Walia, Professor, ECE	Member	
22	Dr. P. Venkanna, Asst. Professor, (H&S)	Member	
23	Dr. Sanjeev Shrivastava Professor, CSE and Dean (Academics and R&D), GNIT	Member Secretary	

Annexure -VII a

Academic Regulations for B. Tech. with Minor program

GURU NANAK INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

GURU NANAK INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

Ibrahimpatnam, R. R. District, Hyderabad-501506

Telangana, India

GURU NANAK INSTITUTE OF TECHNOLOGY

Academic Regulations for B. Tech. with Minor program

1. Introduction

The philosophy behind Engineering as an academic discipline has been to orient the knowledge seekers in a manner that shatters the theoretical boundaries and pushes them into the realms of a practical worldview.

The emphasis of JNTUH has always been to orient the students towards the technologies that shall drive the world in the years to come; with this philosophy, the University has decided to launch the **Bachelor of Technology in a particular branch with minor in a specified program** (Ex. B. Tech. in Mechanical Engineering with Minor in AI&ML) from the AY 2021-22 onwards.

The **Bachelor of Technology (B. Tech.) with Minor** program focuses on the fundamental principles of multiple Engineering disciplines, critical & analytical thinking, and the ability to develop a distinctive approach to interdisciplinary problems.

2. Objectives

The key objectives of offering B. Tech. with Minor program are:

- To expand the domain knowledge of the students in one of the other branches of engineering.
- To increase the employability of undergraduate students keeping in view of better opportunities in interdisciplinary areas of engineering & technology.
- To provide an opportunity to students to pursue their higher studies in the inter-disciplinary areas in addition to their own branch of study.
- To offer the knowledge in the areas which are identified as emerging technologies/thrust areas of Engineering.

Academic Regulations for B. Tech. with Minor program

3. Minor courses and the offering departments

S. No.	Minor Program	Eligible branch of students	@Offering Department	Award of Degree
1.	Artificial Intelligence & Machine Learning	All branches, except B. Tech. in CSE (AI&ML) /B. Tech. (AI&ML)/ B. Tech. (AI)/ B. Tech. CSE(AI)	CSE	"B. Tech. in branch name with Minor in Artificial Intelligence & Machine Learning"
2.	Cyber Security	All branches, except B. Tech. in CSE (Cyber Security)/ B. Tech. (Cyber Security)	CSE	"B. Tech. in branch name with Minor in Cyber Security"
3.	Data Science	All branches, except B. Tech. in CSE (Data Science)/ B. Tech. (Data Science)	CSE	"B. Tech. in branch name with Minor in Data Science"
4.	IOT	All branches, except B. Tech. in CSE (IOT) / B. Tech. (IOT)	ECE	"B. Tech. in branch name with Minor in IOT"
5.	Innovation and Entrepreneurship	All branches.	Management Science / MBA	"B. Tech. in branch name with Minor in Innovation and Entrepreneurship"

Note: @ As per AICTE guidelines.

4. Academic Regulations for B. Tech. Degree with Minor programs

1. The weekly instruction hours, internal & external evaluation, and award of grades are on par with regular 4-Years B. Tech. program.
2. For B. Tech. with Minor, a student needs to earn additional 18 credits (over and above the required 160 credits for B. Tech degree). The list of courses of each Minor program, their respective credits weightage, and semester-wise break-up of the courses are enclosed as Annexure. All these 18 credits need to be completed in III year and IV year only.
3. After registering for the Minor programme, if a student is unable to earn all the required 18 credits in a specified duration (twice the duration of the course), he/she shall not be awarded Minor degree. However, if the student earns all the required 160 credits of B.Tech., he/she will be awarded only B. Tech degree in the concerned branch.
4. There is no transfer of credits from Minor program courses to regular B. Tech. degree course & vice versa.
5. These 18 credits are to be earned from the additional Courses offered by the host department in the college as well as from the MOOCS platform.

6. For the course selected under MOOCS platform following guidelines may be followed:
   a) Prior to registration of MOOCS courses, formal approval of the courses, by GNIT/ University is essential. GNIT/ University before the issue of approval considers the parameters like the institute/agency which is offering the course, syllabus, credits, duration of the programme and mode of evaluation, etc.
   b) Minimum credits for MOOCS course must be equal to or more than the credits specified in the Minor course structure provided by GNIT/ University.
   c) Only Pass-grade/marks or above shall be considered for inclusion of grades in minor grade memo.
   d) Any expenses incurred for the MOOCS courses are to be met by the students only.
7. The choice to opt/take a Minor program is purely on the choice of the students.
8. The student shall be given a choice of withdrawing all the courses registered and/or the credits earned for Minor program at any time; and in that case the student will be awarded only B. Tech. degree in the concerned branch on earning the required credits of 160.
9. The student can choose only one Minor program along with his/her basic engineering degree. A student who chooses an Honours program is not eligible to choose a Minor program and vice-versa.
10. The B. Tech. with a Minor program shall be offered from the AY 2021-22 onwards. The students who are pursuing their III year I semester in the current academic year can register for the Minor program if they fulfil the eligibility criteria.
11. A student can graduate with a Minor if he/she fulfills the requirements for his/her regular B. Tech. program as well as fulfills the requirements for Minor program.
12. The institute shall maintain a record of students registered and pursuing their Minor programs, minor program-wise, and parent branch-wise. The same report needs to be sent to the University once the enrolment process is complete.
13. The institute/department shall prepare the time-tables for each Minor course offered at their respective institutes without any overlap/clash with other courses of study in the respective semesters.

Academic Regulations for B. Tech. with Minor program

5. Eligibility conditions for the student to register for Minor course

a) A student can opt for B.Tech. degree with Minor program if she/he has no active backlogs till II Year I Semester (III semester) at the time of entering into III year I semester.

b) Prior approval of mentor and Head of the Department for the enrolment into Minor program, before the commencement of III year I Semester (V Semester), is mandatory

c) If more than 50% of the students in a branch fulfill the eligibility criteria (as stated above), the number of students given eligibility should be limited to 50%.

6. Registration for the courses in Minor Program

a) At the beginning of each semester, just before the commencement of classes, students shall register for the courses which they wish to take in that semester.

b) The students should choose a course from the list against each semester (from Minors course structure) other than the courses they have studied/registered for regular B.Tech. programme. No course should be identical to that of the regular BTech course. The students should take the advice of faculty mentors while registering for a course at the beginning of semester.

c) The maximum No. of courses for the Minor is limited to two (three in case of inclusion of lab) in a semester along with regular semester courses.

d) The registration fee to be collected from the students by the College is **Rs. 1000/-** per one credit.

e) A fee for late registration may be imposed as per the norms.

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Annexure -VII b

Academic Regulations for B. Tech. with Honor program

GURU NANAK INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

GURU NANAK INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

Ibrahimpatnam, R. R. District, Hyderabad-501506

Telangana, India

Academic Regulations for B. Tech. with Honors program

1. Objectives

The key objectives of offering B. Tech. with Honors program are:

- To expand the domain knowledge of the students laterally and vertically.
- To increase the employability of undergraduate students with expanded knowledge in one of the core Engineering disciplines.
- To provide an opportunity for students to pursue their higher studies in wider range of specialisations.

2. Academic Regulations for B. Tech. Honours degree

1) The weekly instruction hours, internal & external evaluation, and award of grades are on par with regular 4-Years B. Tech. program.
2) For B. Tech with Honors program, a student needs to earn additional 20 credits (over and above the required 160 credits for B. Tech degree). The broad guidelines for the courses of the Honours program, their respective credits weightage, and semester-wise break-up of thecourse are enclosed as Annexure. All these 20 credits need to be completed in III year and IV year only.
3) After registering for the Honours programme, if a student is unable to pass all courses in the first attempt and earn the required 20 credits, he/she shall not be awarded Honours degree.However, if the student earns all the required 160 credits of B. Tech., he/she will be awarded only B. Tech degree in the concerned branch.
4) There is no transfer of credits from courses of Honours program to regular B. Tech. degree course & vice versa.
5) These 20 credits are to be earned from the additional courses offered by the host department in the college or from closely related departments in the college as well as from the MOOCS platform.
6) For the courses selected under MOOCS platform following guidelines may be followed:

a) Prior to registration of MOOCS courses, formal approval of the courses, by GNIT/ University is essential. GNIT/ University before the issue of approval considers the parameters like the institute/agency which is offering the course, syllabus, credits, duration of the programme and mode of evaluation, etc.

b) Minimum credits for a MOOCS course must be equal to or more than the credits specified in the Honours course structure provided by GNIT/ University.

c) Only Pass-grade/marks or above shall be considered for inclusion of grades in the Honours grade memo.

d) Any expenses incurred for the MOOCS courses are to be met by the students only.

7) The choice to opt/take the Honours program is purely on the choice of the students.

8) The student shall be given a choice of withdrawing all the courses registered and/or the credits earned for Honours program at any time; and in that case the student will be awarded only B. Tech. degree in the concerned branch on earning the required credits of 160.

9) The students of every branch can choose Honours program in their respective branches if they are eligible for the Honours program. A student who chooses an Honours program is not eligible to choose a Minor program and vice-versa.

10) The B. Tech. with Honours program shall be offered from the AY 2021-22 onwards. The students who are pursuing their III year I semester in the current academic year can register for the Honours program if they fulfil the eligibility criteria.

11) A student can graduate with Honours if he/she fulfils the requirements for his/her regular B. Tech. program as well as fulfils the requirements for Honours program.

12) The institute shall maintain a record of students registered and pursuing their Honours programs branch-wise. The same report needs to be sent to the University once the enrolment process is complete.

13) The department shall prepare the time-tables for each Honours program offered at their respective departments without any overlap/clash with other courses of study in the respective semesters.

3. Eligibility conditions of the students for the Honours degree

a) A student can opt for B.Tech. degree with Honours, if she/he passed all subjects in first attempt in all the semesters till the results announced and maintaining 7.5 or more CGPA.

Academic Regulations for B. Tech. with Honors program

ANNEXURE

Academic Regulations for Honors degree in B. Tech. programs

S. No.	Year / Semester	Course to be chosen from/ studied	Mode of Learning	No. of Credits
1	III-1	PE-1 or PE-2	Blended/Conventional	3
2	III-2	Research Methodologies	Conventional	3
3	III-2	PE-3	Conventional	3
4	IV-1	PE-4	Conventional	3
5	IV-1	PE-5	conventional	3
6	IV-2	Technical Paper writing	Under the mentorship of a supervisor	2
7	IV-2	PE-6 or an Interdisciplinary subject as suggested by GNIT/ University	MOOCS	3
	Total Credits			20

Note:

i. Professional Elective (PE) course should be selected (which is not studied) from each Professional Electives list provided in regular B. Tech. course.
ii. Courses can be chosen as in above table.

1. Technical paper writing:
   a) The student shall take up a problem/topic of engineering branches (inter-disciplinary nature) and apply the knowledge which they acquired while pursuing their engineering branch. It is expected to analyze, design, and develop an application for the identified problem and write a technical paper/document.
   Alternatively, the student i) shall identify a research topic, analyse the problem, carry out the experiments, write a technical paper and publish in /communicate for a Scopus-indexed journal/any journal with a decent reputation or ii) Demonstrate a talent/an idea/development of an innovative product.
   b) The evaluation shall be done by the same committee which is constituted for project evaluation, along with the final semester project work.
   c) The students should start exploration for Technical Paper Writing immediately afterthe semester exams of the III-II semester. Only the evaluation part shall be carried out in IV-II semester.
2. The institute shall offer a course on Research Methodologies by combining the students ofall branches (if the number of students is more, multiple parallel sessions may be conducted). The time slots in the timetables of respective branches should be aligned. The external evaluation of the Research Methodologies course shall be done by GNIT/ University.
3. If the blended course option is chosen, for the subject in the III-I semester, the learning should be partially in online mode and partially in offline mode. The external evaluation shall be done by GNIT/ University; however, for the internal evaluation component, online assessment should also be taken into account while finalizing the internal marks by the course teacher.

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b) If a student fails in any registered course of either B. Tech. or Honours in any semester of four years program, he/shc will not be eligible for obtaining Honours degree. He will be eligible for only B. Tech. degree

c) Prior approval of mentor and Head of the Department for the enrolment into Honours program, bcforc commencement of III ycar I Semester (V Semestcr), is mandatory.

d) If more than 30% of the students in a branch fulfill the eligibility criteria (as stated above), the number of students given eligibility should be limited to 30%. The criteria to be followed for choosing 30% candidates in a branch may be the CGPA secured by the students till II year I semester.

e) The departmcnt concerned should be preferably NBA accredited and shall offer at least one M. Tech. Program.

f) Successful completion of 20 credits earmarked for honours program with atleast 7.5 CGPA along with successful completion of 160 credits earmarked for regular B. Tech. Program with at least 7.5 CGPA and passing all subjects in first attempt gives the eligibility for the award of B. Tech. (Honors) degree.

g) For CGPA calculation of B. Tech. course, thc 20 credits of Honours program will not be considered.

4. Registration for the course in Honors program

a) At the beginning of each semester, just bcfore the commencement of classes, students shall register for thc courses which they wish to take in that semester.

b) The students should choose a course from the list against each semester (from Honours coursc structure) other than the courscs they have studied/registcrcd for regular B.Tech. programme. No course should be identical to that of the regular B. Tech. course. The students should take the advice of faculty mentors while registering for a course atthe beginning of semester.

c) The maximum No. of courses for the Honours is limited to two (three in case of inclusion of lab) in a semester along with regular semester courses.

d) The registration fee to be collected from the students by the College is **Rs. 1000/-** per one credit.

e) A fcc for late registration may bc imposed as per the norms.

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