

Minutes of NBA/NEP committee meetings held on 10-01-2023 at 11 a.m. and 24-01-2023 at 10:30 a.m. in Institute committee room.

Two meetings of NBA/ NEP committee were held on 10-01-2023 at 11 a.m. and 24-01-2023 at 10:30 a.m. in the committee room of the Institute. The following attended the meeting:

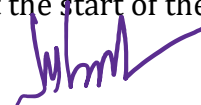
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| 1. | Prof. M.A. Ahanger | — | Chairman |
| 2. | Prof. S.A. Lone | — | Dean Academic Affairs (Online 2 nd meeting) |
| 3. | Prof. Najeeb -ud- Din | — | Ex-Dean Academic Affairs |
| 4. | Prof. A.A. Zarger | — | Ex-SUGC Chairman |
| 5. | Dr. M. S Charoo | — | Associate Dean Academic Affairs (Online 2 nd meeting) |
| 6. | Dr. M. Mursaleen | — | Associate Dean Examinations |
| 7. | Dr. Janib ul Bashir | — | Coordinator ERP |
| 8. | Prof. Abdul Liman | — | Mathematics Dept. |
| 9. | Prof. A.H. Bhat | — | Electrical Engg. Dept. (Online 2 nd meeting) |
| 10. | Prof. Javid A. Banday | — | Chemistry Dept. (Online 2 nd meeting represented by Dr. Hamida) |
| 11. | Dr. Faisal Qayoom | — | Chemical Engg. Dept. (Online) |
| 12. | Dr. Mohammad Aslam | — | Chemistry Dept. |
| 13. | Dr. Fayaz Ahmad Sofi | — | Civil Engg. Dept |
| 14. | Dr. Harveer Singh Pali | — | Mechanical Engg. Dept. (Online) |
| 15. | Dr. Amandeep Singh | — | Electronics and Communication Engg. (Online) |
| 16. | Dr. Irfan Samad Wani | — | Metallurgical and Materials Engg. Dept. |
| 17. | Dr. Harkirat Singh | — | Physics Dept. (Online) |
| 18. | Dr. Jaya Srivastava. | — | HSS&M Dept. (Online) |
| 19. | Dr. Sparsh Sharma | — | Computer Science and Engg. Dept. (Online) |
| 20. | Dr. Iqra Altaf Gillani | — | Information Technology Dept. (Online 2 nd meeting) |

The chairman welcomed the members and took up the agenda for discussion. The agenda items and the resolutions are reproduced below.

1. **Proposal of awarding *Honors degree*** to B. Tech students opting for extra credits than minimum required for completion of B. Tech Degree.

Resolution: The committee deliberated on the matter at length and studied the UG regulations of some other NITs where the practice of awarding Honors is in vogue. It was resolved that if a B.Tech. student earns more credits than the minimum required for the award of degree, the Honors will be awarded to such students provided they fulfil the following conditions.

- i. For the existing students who are following the 2019 course structure/ scheme, the honors will be awarded on successful earning of complete 200 credits. Such students have to register for honors at the start of the 6th semester.



- ii. For students who will join the B.Tech. programme from 2023 and onwards and will follow the 2023 course structure/ scheme, the Honors will be awarded on successful earning of 18 extra credits than the minimum required for award of the degree. Such students will register for the honors at the start of the 5th semester.
- iii. Only those Students who possess a CGPA of 8.50 and above and do not have any "F" Grade /backlog are allowed to register for Honors program offered by a Department.
- iv. Students shall not have any backlogs in the subsequent (upto 8th) semesters of the regular program and maintain a CGPA of 8.5 and above in order to keep the registration for Honors program active.
- v. The students opting for honors should not have any case(s) of indiscipline registered against them in the Institute nor should they have been detained in any semester.
- vi. After successful completion of the Honors program, the student will be awarded a degree in "name of the discipline" with "Honors".
- vii. The Honors will be awarded to only those students who complete the B.Tech. programme in the normal duration of four (04) years.

2. **Exit policy** of leaving a Programme as per NEP-2020.

Resolution : The committee had a detailed discussion on the matter and it was resolved that the exit policy should be defined at UG, PG and doctoral levels in tune with the NEP-2020 guidelines.

(a). Multiple Exit Policy: B.Tech. Programme (4 Year Duration)

The committee proposes three intermediate exit points during the B.Tech. programme, as shown below. Moreover, a student can have a maximum of two exits during the entire programme obviously rejoining with a gap (not less than two academic semesters) after each exit. If a candidate wants to rejoin within a gap of less than two academic semesters he/ she has to surrender the already issued certificate/ Diploma. The maximum duration for completing B.Tech. programme including the gap between exit and rejoining should not be more than 8 (Eight) years.

Exit Level	Minimum Requirement	Nomenclature of certification
Certificate	Successfully earned at least 40% credits.	Certificate in _____ e.g., Certificate in Civil Engineering
Diploma	Successfully earned at least 55% credits.	Diploma in _____ e.g., Diploma in Mechanical Engineering
Advance Diploma	Successfully earned at least 70% credits.	Advance Diploma in _____ e.g., Advance Diploma in Chemical Engineering



(b). Multiple Exit Policy : M.Tech./ M.Sc. Programme (2 Year Duration): The committee proposes a single intermediate exit point as shown below. Also the maximum duration of completion of programme is proposed to be 5 years for the students who have taken an intermediate exit and rejoined for acquiring the substantive M.Tech./M.Sc. degree.

Exit Level	Minimum Requirement	Nomenclature of certification
Post-Graduate Diploma	Successfully earned credits more than 50% but less than 100% .	PG Diploma in _____ e.g., PG Diploma in Structural Engineering

The committee was of the opinion that PG Diploma in Management (PGDM) can not be awarded on exit from MBA programme after one year . PGDM programme is normally of two years duration and is considered to be equivalent to MBA. As such the committee resolved that there should be **no exit policy for MBA programme**.

(c). Multiple Exit Policy: Ph.D. Programme: To frame guidelines for multiple exit policy for Ph.D. programme, the following sub-committee was constituted:

- i. Prof. Najeeb ud Din — Chairman
- ii. Dr. G.R. Begh
- iii. Dr. F.A. Sofi

The recommendations of the committee are reproduced below.

S.No.	Qualifying Degree for Ph.D. Programme Admission	Degree upon Possible Exit from Ph.D. Programme	Eligibility for earning Exit Degree	Minimum Duration for Re-joining Ph.D. Programme
1	M.Tech. Degree for Engineering (equivalent P.G. degree for other Depts.)	M.S. by Research for Engineering and Science Departments (or M.A. by Research for students in HSS Dept only)	(a) Completed four (04) academic semesters in Ph.D. programme. (b). Earned 10-credits from the P.G. level course work. (c). Published at least one (01) paper in SCI/ SCOPUS indexed journal.	Allowed only after a break of two (02) consecutive academic semesters from the date of exit from the programme. Upon re-joining a student has to meet the fresh requirement of publishing at least two (02) fresh research papers in SCOPUS/SCI indexed journals or as per existing rules for Ph.D. degree in vogue. The scholarship will automatically stop on exit from the programme and will
2	B.Tech./ B.E. Degree for Engineering (equivalent U.G. Degree for other Depts.)		(a) Completed six (06) academic semesters in Ph.D. programme. (b). Earned 36-credits from the P.G. level course work. (c). Published at least one (01) paper in	

			SCI/ SCOPUS indexed journal.	not be resumed after re-joining.
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3. **Restructuring of B.Tech. Curriculum:** The committee was of the opinion that the existing B.Tech. course structure needs to be revised to make it more comprehensive, flexible and compatible with NBA requirements.

Resolution:

- **Assignment of Credits to Courses:** Each course has a certain number of credit(s) assigned to it depending upon its lectures/tutorials/practical hours as shown below:
Lectures and Tutorials: One lecture or tutorial hour per week over the period of one 14 week semester is assigned one credit.
Practical/Practice: One laboratory/practice hour per week over the period of one 14 week semester is assigned half credit.
- **Course Outcomes:** Each course will have four (04) course outcomes using appropriate taxonomy levels.
- **Credit Requirement:** The minimum credits for successful completion of B.Tech. degree over a regular period of four years shall be **170**. No theory course shall have more than three (03) credits and laboratory course will have only one credit.
- **Course Structure:** The following broad course structure was proposed for adoption by the Institute with effect from **2023 admission batch**.

S. No.	Category	Credits		Courses/Subjects
		Minimum	Maximum	
1	Humanities, Social Sciences and Management courses	13		Theory = 04 Lab = 01
2	Basic Science courses including Mathematics	20	26	Maths Theory : 4 - 6 Chemistry T : 1 & Lab : 1 Physics Theory: 1 & lab : 1
		Mathematics 12-18 Chemistry 4 Physics 4		
3	Basic Engineering courses	21		Theory : 06 Workshop : 01 Lab : 01
		Engineering Drawing 3 Elements of Mechanical Engineering 3 Basic Electrical Engineering 3 Engineering Mechanics 3 Elements of Workshop Practice 2 Basic Computer 3 + 1 lab Environmental Studies 3		
4	Institute Open Electives (Compulsory for all students)	06		Theory : 2
5	Professional Electives relevant to branch	24	45	Theory : 08 - 15

6	Professional core courses relevant to branch	75	85	Theory : 21 – 25 Lab : 09 - 12
7	Project (8 th Semester) Pre-Project (7 th Semester) Seminar (6 th Semester) Compulsory Industrial training/Internship 8 weeks to be done after 5 th semester (6 th Semester)	Project = 06 Pre-Project = 02 Seminar = 01 Industrial Training or Internship = 01 Sub-total of Credits = 10		4
Total Minimum		B.Tech. Requirements : 170 credits B.Tech. with Honors : 188 credits		

- A student has to complete **15 to 25** credits in a semester.
- **Institute Open Electives:** A student will be required to opt for at least two Institute Open electives thus earning her/him six credits. Every department will earmark (contribute) at least five electives to be floated as Institute Open Electives. A student will not be allowed to register for Institute Open elective course(s) offered by her/his parent department.
- The allotment of elective courses shall be based on CGPA and preference of the student.
- The students may register for certified MOOC courses (NPTEL/ SWAYAM , etc) limited to 10 credits as their professional elective credit requirements.

The meetings ended with a vote of thanks to the chair.

Dated: 24-01-2023

Prof. M.A. Ahanger,
Chairman NBA/NEP Committee

Copy to:

1. Director for information.
2. Dean Academic Affairs for information and further necessary action.
3. All members for information.