
Guru Nanak Institute of Technology (GNIT)

Minutes of the 1st Academic Council Meeting 2022

Venue : Online Meeting in Google Meet

Date: 23.06. 2022

1st Academic Council meeting of 2022 was held on 23rd June at 11.00 a.m. online in Google Meet platform to discuss the agenda as mentioned below which were notified to the honourable members on 17th June, 2022.

Members present :

1. Prof.(Dr.) Santanu Kumar Sen : Chairman
Principal
2. Dr. Sucharita Bhattacharyya : Member Secretary
Professor & Dean, Student Affair
3. Dr. Kakali Bandyopadhyay : Member
HOD, FT Dept.
4. Prof. (Dr.) Pijush Kanti : Member
Bhattacharjee
Professor & Dean (R&D)
5. Prof. (Dr.) Utpal Roychowdhury : Member
Professor & Dean (Academics)
6. Dr. Barnali Kundu : Member
HOD, EE Dept.
7. Prof. (Dr.) Arun Kr. Mondal : Member
Professor & COE
8. Dr. Sunipa Roy : Member
HOD, ECE Dept.
9. Mr. Chiranjib Dutta : Member
HOD, CA Dept.
10. Dr. Sucharita Chakrabarti : Member
HOD, ASHU Dept.
11. Mr. Sudip Ghosh : Member
HOD, IT Dept.
12. Dr. Sangeeta Bhattacharya : Member
HOD, CSE Dept.
13. Mrs. Suparna Maity
Representative of HOD,
AEIE/ECSE Dept.
14. Dr. Indrajit Bose : Member
Professor, ASHU Dept.

Members Present (External)

15. Prof. (Dr.) Konika Das Bhattacharya : Member
Electrical Engineering Department,
IEST, Shibpur
16. Mr. Indranil Roy Chowdhury : Member
Senior Manager,
Tata Consultancy Services,
Kolkata
17. Prof. (Dr.) Sudhabindu Roy : Member
Department of Electronics &
Telecommunication Engineering,
Jadavpur University
18. Prof.(Dr.) Runu Chakrabarty : Member
Dept. of Food Technology and
Bio-Chemical Engineering,
Jadavpur University
19. Prof.(Dr.) Amalendu Ghosh : Member
Department of Civil Engineering,
IEST, Shibpur
20. Prof.(Dr.) Rajat Kumar Dey : Member
Machine Intelligence Unit, ISI ,
Kolkata
21. Prof. (Dr.) Joydeep Chowdhury : Member
Department of Physics,
Jadavpur University

Members Absent (Internal)

22. Dr. Adhish Kr. Chakrabarty : Ex officio Member
Registrar
23. Mrs. Srabani Kundu : Member
Asst. Professor

AGENDA of the Meeting of 2nd Academic Council, 2021 was :

1. To confirm and approve the last minutes of AC meeting held on 7th December, 2021.
2. To note and ratify the follow up action taken pursuant to the last meeting on 7th December, 2022.
3. Discussion on implemented Autonomy Curricula and Syllabi for 3rd sem. and review of 4th sem. B.Tech. Courses, to be implemented, are done as per AICTE 2021 model curriculum.
4. Review of approved Autonomy Curriculum and Syllabus for 4th sem. MCA Course as per AICTE 2020 model curriculum.
5. Result Analysis for Odd Sem. 2022 online examinations
6. Even Semester offline Examination 2022
7. Students' Placement Report
8. Research & Developmental activities of faculty and Students (8th Dec. 2021–31st May 2022)

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9. Conferences/Workshop/Other programs organised during (8th Dec.2021– 16th June 2022) : The Reports
 10. Industry-Institute Interaction
 11. Faculty and Student Achievements
 12. Sports and Extra Curricular activities (including social issues, if any)
 13. Any other issue with the permission of Chair

Resolutions :

❖ Agenda 0 : To start day's proceedings

Member Secretary of Academic Council, Dr. Sucharita Bhattacharyya welcomed all members and requested Prof. (Dr.) Santanu Kumar Sen, the Principal and the Chairman of the council to initiate the meeting. Prof. Sen formally started the meeting and gave permission to start proceedings of AC meeting.

Member secretary then presented the composition of Academic Council (AC) as per the guide line of the UGC , list of AC members as approved, read the Notice and Agenda of the current meeting. Leaves of absence were granted.

❖ Agenda 1. To confirm and approve the last minutes of AC meeting held on 7th December, 2021.

Minutes of the meeting of last academic council was approved and confirmed by all respected members. Here Principal advised to maintain the practice of sending minutes of the meeting (MOM) to the members within 2-3 weeks.

❖ Agenda 2. To note and ratify the follow up action taken pursuant to the last meeting on 7th December, 2021.

AC meet industry expert, Mr. Indranil Roy Choudhury suggested to form a core group of students, the **SUPER 30**.

In the follow-up action, GNIT Super 30E initiative is taken by its Entrepreneur Development Cell. The overall target of the program is to create incubation for student entrepreneurs and to produce 30 successful entrepreneurs within 2023 agnostic to any discipline of study which is there at GNIT.

Mr. Roy Choudhury appreciated the initiative.

❖ Agenda 3 Discussion on approved Autonomy Curricula and Syllabi for 3rd sem. and 4th sem. B.Tech. Courses, to be implemented, are done as per AICTE 2021 model curriculum

Approved Autonomy Curricula and Syllabi for 3rd & 4th sem., to be implemented were discussed in detail through presentation by the respective HODs along with the Member Secretary. All members were satisfied with the presentations and approved the introduction of new curriculum in 2nd yr. B. Tech. courses as per R21. The excerpts are as follows.

- Introduction of few new courses, modification of existing course contents, rearrangements of few courses among different semesters adjusting the credit points and contact periods were some common changes made for all streams of B.Tech. courses as per AICTE guide line.
- The need of Stream-specific Subject Code modifications were highlighted by ASHU HOD, Dr. Sucharita Chakraborti for Mathematics, like Chemistry, and Physics as contents were

changed as per the requirement of the students. Prof. Runu Chakrabarty & HOD, FT Dr. Kakoli Bandyopadhyay also suggested the same.

- Industry expert enquired about Soft Skill content (PR 492) for ECSE. He pointed out that along with industry-related soft skills, the training in basic soft skill urgently needed for the students to deal with foreign clients properly maintaining specific accent. Prof. Amalendu Ghosh suggested to do Soft Skill training in language labs.

At that point Principal informed that for last 8 years, External Agencies trained the students of all streams in Soft skills for 2-4 hrs./wk.. Also internal faculty members of English, covered the contents included in the curriculum.

Additionally, Beyond Curriculum Training (BCT) was arranged for each sem. from 2nd yr. onwards for all courses. Industry expert suggested to include No Sequel data bases, MONGO DB and Dynamo DB in the DBMS for 4th sem..

- For IT 4th sem. in Object Oriented Programming Using Java, Industry expert suggested to incorporate & use Lambda function considering real life scenario for the students, if not considered that way already. Principal told that he would take care of the issue specially.
- For EE 3rd sem., Industry expert suggested to incorporate Industry Flavour in Python Programming lab using its huge library. He also suggested that lambda could be written using Python and he suggested to give real life project with Python
Prof. Konika Das Bhattacharya suggested to include Interdisciplinary elective as Renewable Energy. She also suggested to include Smart Grid as elective for IT, ECSE as well as for ECE to give the flavour of flexibility.
She also told that 3rd sem. EE content was a bit heavy for the students.
- For ECE - Prof. Sudhabindu Roy enquired about Elective & Optional Elective from 5th sem. onwards, in line with the suggestion of interdisciplinary elective of Konika madam. He also queried about the case studies handled by the students.
Prof. Joydeep Chowdhury suggested to incorporate few more contents for Antenna part and FD time domain simulation application in Poynting vector for EC 401 as per the course name.

Point of Action : Concerned HODs, the syllabus committee & respective BOS members

❖ **Agenda 4. Review of approved Autonomy Curriculum and Syllabus for 4th sem. MCA Course as per AICTE 2020 model curriculum.**

A discussion was done on the approved Autonomy Curriculum and Syllabus for 4th sem. MCA Course for its implementation and approved by the respected members.

❖ **Agenda 5. Result Analysis for Odd Sem. 2022 online examination**

Results of 3rd, 5th, and 7th sem. online examination were analysed in detail using bar graphs along with data tables and compared with last year's results to give the clear impression of students' stream wise academic progress. Grades of few students below 8, raised the question about the reason. It was found that most of these students were from villages/interior districts where they couldn't access internet facility properly during pandemic which definitely affected their results.

All members agreed to the point.

❖ **Agenda 6. Even Semester offline Examination 2022**

It was reported that after a gap of 2 years, GNIT exam cell started conducting off-line Autonomy examinations from 1st yr. - 4th yr. for 2022 even semester, though MAKAUT was found to continue online examinations. West Bengal State Council had also started offline examination from March 2022 for 5th Sem. diploma courses. Principal informed at that point that how counselling was done for the students to prepare them for offline exam. after the long gap.

All members expressed their satisfaction.

❖ **Agenda 7. Students' Placement Report**

Overall placement for 2021 batch was found to be more than 77% which was shown to be good, but affected partially by the pandemic, particularly for EE, FT, and MCA.

At that point, it was suggested by Mr. Indranil Sengupta, the industry expert, that students need to increase the attachment with Industry to gain experience & hence the better opportunity from the recruiters. Member Secretary highlighted the arrangements of Industry-Institute interaction programs, Industrial Training & Industry Internships programs in larger nos. on behalf of the institute in recent past for that purpose.

❖ **Agenda 8 . Research & Developmental activities of faculty and Students (8th Dec. 2021–31st May 2022)**

R & D activities of students & faculty members including receipt of research grants were found to be very encouraging where publications with SCI & Scopus indexing were highlighted separately along with students' publications and patent publications. To a query of Prof. Rajat Kumar De, Principal clarified the publication and granting status of the patents. He also informed about few copyright applications. Prof. De suggested to work for more SCI-indexed journals.

Point of Action : All faculty members of GNIT along with the students

❖ **Agenda 9. Conferences/Workshop/Other programs organised during (8th Dec.2021– 16th June 2022) : The Reports**

Report of DST STUTI organised to celebrate National Science Week including National Science day, jointly by ECE, EE. & ASHU dept. was shared in the meeting. GNIT Eco Club formation & their activities along with the departments' organization of different seminars, workshops, Parent-Teacher Meeting, Farewell ceremony, Rabindra Jayanti celebration etc. were also reported.

Messages of two upcoming International Conferences were shared in the meeting. All members appreciated the initiatives and suggested to arrange more such programs in near future.

❖ **Agenda 10. Industry-Institute Interaction**

Departmental Industry Visit, Industry-Mentor Meet & Students' Internship data were presented in the meeting which clearly reflected the students' interaction & attachment with the industries, urgently required in the present placement scenario.

All members expressed their satisfaction. MOU sign of GNIT with various organisations were also appreciated.

Agenda 11. Faculty and Student Achievements

Various achievements of students & faculty members as well as staff members were reported in academics, cultural & sports events highlighting JIS Samman awards and JIS Innovation cash awards. Prof. De queried about the amount of cash awards & it was clarified. All expressed their happiness to the initiative of the management for such recognitions.

❖ Agenda 12. Sports and Extra Curricular activities (including social issues, if any)

Various institutional social responsibility (ISR) activities including Blood Donation camp, NSS unit & Eco Club's Environment awareness campaign through ISKCON, Panihati Ganga Ghat Cleaning, Nature Study camp were some very special events organized during the period January-June, 2022 where institutional students, staff, and faculty members participated with enthusiasm and those were appreciated by all members.

Meeting was ended with vote of thanks by the Chairman.

S. Bhatte Charyya

Dr.(Mrs.) Sucharita Bhattacharyya
Member Secretary,
Academic Council , GNIT

**Member Secretary
Academic Council
Guru Nanak Institute of Technology, Kolkata**

Copy to:

1. Principal
2. Head of the Departments- AEIE, ASHU, CSE, CA, ECE, EE, FT, IT - with a request to circulate among the AC members of their departments.
3. Controller - Examination Cell
4. Registrar
5. Library
6. TPO Cell
7. External Members of Academic Council