Guru Nanak Institute of Technology (GNIT)

Minutes of the Academic Council Meeting 2020

Venue : Digiconclave, online platform GNIT   **Date: 28.09.2020**

Academic Council meeting of 2020 was held on 28th September at 3.00 p.m. online in GNIT Digiconclave Virtual Conference platform to discuss the agenda as mentioned below which were notified to the honourable members on 22nd September, 2020.

Members present:

1. Prof.(Dr.) Santanu Kumar Sen : Principal & Chairman
2. Dr.Sucharita Bhattacharyya   : Associate Professor & Member Secretary
3. Dr. Barnali Kundu   : HOD, EE Dept., Member
4. Dr. Sunipa Roy   : HOD, ECE Dept., Member
5. Mr. Chiranjeeb Dutta   : HOD, CA Dept., Member
6. Dr. Sucharita Chakrabarti   : HOD, ASHU Dept Member.,
7. Mrs. Bapita Roy   : HOD, AEIE Dept., Member
8. Mr. Sudip Ghosh   : HOD, IT Dept., Member
9. Dr. Sangeeta Bhattacharya   : HOD, CSE Dept., Member
10. Dr. Kakoli Bandyopdhyay   : HOD, FT Dept.
11. Dr. Adhish Kr. Chakrabarty   : Registrar, Member
12. Prof.(Dr.) Arun K. Mondal   : Controller of Examination, Member
13. Mrs. Srabani Kundu   : Assistant Professor, Member
14. Dr. Indrajit Bose   : Assistant Professor, Member

External Members Present :

16. Prof. (Dr.) Sudhabindu Roy   : Department of Electronics & Telecommunicatio Engineering, Jadavpur University
17. Prof.(Dr.) Runu Chakrabarty   : Dept. of Food Technology and Bio Chemical Engineering, Jadavpur University
18. Prof.(Dr.) Amalendu Ghosh (Invitee) : Department of Civil Engineering, IIEST, Shibpur
19. Prof.(Dr.) Rajat Kumar Dey   : Machine Intelligence Unit, ISI , Kolkata
20. Prof. (Dr.) Konika Das Bhattacharya : Electrical Engineering Department , IIEST, Shibpur
21. Mr. Indranil Roy Chowdhury (Invitee) : Senior Manager, Cognizant Technology Solutions, Kolkata

Members Absent   (**External**)

1. Prof. (Dr.) Joydeep Chowdhury   :   Department of Physics, Jadavpur University

AGENDA of the Meeting of Academic Council, 2020 was :

- ❖ To confirm and approve the last minutes of AC meeting held on 5th December, 2019.
- ❖ To note and ratify the follow up action taken pursuant to the last meeting on 5th December, 2019.
- ❖ Approval of proposed Autonomy Curriculum and Syllabus for ongoing 5th and 6th sem. (2018-19) B.Tech. Courses as per AICTE 2018 model curriculum.
- ❖ Odd Sem. Result Analysis for December 2019 Examinations (Autonomy).
- ❖ Even Semester online Examination & Result (Autonomy)
- ❖ Students' Placement Report
- ❖ Research & Developmental activities of faculty and Students
- ❖ Faculty and Student Achievements
- ❖ Sports and Extra Curricular activities (including social issues)
- ❖ ACM ICPC Asia Final 2020 and ICORE 2020 : Report
- ❖ Lockdown (Special) Activities
- ❖ Admission status of students in different programs of study for 2020 - 2021 academic year.
- ❖ Any other issue with the permission of Chair

Resolutions :

- ❖ **Agenda 0 : To start day's proceedings**

- Meeting started at 3.00 p.m. with the Welcome Address by the Principal, Prof. (Dr.) Santanu Kumar Sen, the Chairman of the council where he informed honourable members that digital platform where the meeting was held was developed by 2nd year CSE students of the institute itself. All appreciated.
  Then he handed over the charge to the member secretary Dr. Sucharita Bhattacharyya, to conduct the day's proceedings.
- Member secretary welcomed the honourable members and with the permission to start the proceedings, intimated AC members about the leave of absence of 1 external member only, which was granted.

❖ **Agenda 1 : To confirm and approve the minutes of the last AC meeting held on 5th December, 2019.**

Member Secretary placed the minutes of the last AC meeting held on 5th December , 2020 to the council members and it was confirmed and approved.

❖ **Agenda 2 : To note and ratify the follow up action taken pursuant to the last meeting held on 5th December, 2019 which were appreciated by the council members.**

▪ AC members suggested to include those topics in the syllabus which could motivate the students in R & D activities as well as could help them to acquire technical knowledge as per the requirement of industry.

In 5th and 6th sem. syllabus of the curriculum, two subjects are included namely, Project-V (PR 591) and Project VI (PR 691) respectively to motivate the students in Research & Developmental activities.

Similarly, the subject-specific innovative activities (PR 592) and (PR 692) are included in curriculum of 5th and 6th sem. respectively, which may improve industry-required technical knowledge status of the students.

▪ As a query to the information of arrangement of 7-level test series in line with the industry requirements which started with baseline & preparatory practice tests from 1st year onwards, Prof. Roy & Prof. Chakraborty asked to confirm that whether during tests, students can access the internet or not.

It is confirmed by TNP Cell of GNIT that all the tests taken are proctored and once students click the examination link , they can't access internet any more.

▪ External experts suggested for Graphical result analysis & comparison with previous batch.

Accordingly, all result analysis were presented in the meeting.

❖ **Agenda 3 : Approval of proposed Autonomy Curriculum and Syllabus for ongoing 5th and 6th sem. (2018-19) B.Tech. Courses as per AICTE 2018 model curriculum.**

➢ Proposed Autonomy Curriculum and Syllabus structure for 3rd year (both 5th & 6th sem.) B.Tech. Courses (ongoing batch) were finalized by the concerned departments, & HODs submitted the same to the AC members

for their suggestions, if any, and for probable approval for the present batch. AC external members enquired about the number of sessional and project papers distribution / semester & the corresponding credit points for all branches.

<div align="right">Point of Action : Concerned HODs</div>

After detailed discussions, following points were suggested by the external experts.

- ➢ Industry expert Mr. Indranil Roy Chowdhury suggested to include the topics "Agile Methodology" in Operating Systems, "Session Management System " & " Scripting Language " in Web Technology Lab if possible, to fulfil the industry requirements for CSE, IT students .
- ➢ He also suggested to include New DBMS with No sequel, but with Mongo DV, Dynamic DV , and to introduce BASIC and Larger Algorithm for FT students, and enquired about the inclusion of Soft Computing for AEIE. HODs gave their messages.

<div align="right">Point of Action : IT, FT, CSE & AEIE HODs</div>

- ➢ Prof. (Dr.) Rajat .Kumar De suggested to use plurals in the name of some subjects like DBM systems, Computer Networks, Operating Systems, Control Systems for various streams' syllabus. He also enquired about detailing of DSP syllabus, Power & Control systems syllabus.

<div align="right">Point of Action : CSE, EE & ECE HODs</div>

- ➢ For ECE syllabus few points were raised like justification of 7 labs in 6th sem., necessity to include Machine learning in curriculum . Industry expert, Indranil Roy Chowdhury asked for real life problems to include here.

<div align="right">Point of Action : ECE HOD</div>

- ➢ Constitution of India for FT is included in 6th sem. and credit should be same for all streams as common paper, as suggested by Prof. Amalendu Ghosh.

<div align="right">Point of Action : FT HOD</div>

- ❖ **Agenda 4 : Odd Sem. Result Analysis for December 2019 Examinations (Autonomy).**
- ❖ **Agenda 5 : Even Semester online Examination & Result (Autonomy)**

All members expressed their satisfaction of the overall examination system and the results of the students.

❖ **Agenda 6 : Students' Placement Report**

Campus Placement status was satisfactory (Overall), though for EE , AEIE and MCA situation was found to be a matter of concern. But all agreed to the negative effect of COVID pandemic on placement of 2020.

❖ **Agenda 7 : Research & Developmental activities of faculty and Students**

Detailed report was shared regarding publication of the departments, AC experts suggested to mention separately SCOPUS/SCI journals.
Students publication was appreciated. Webinar arrangement in collaboration with Industry was also highly appreciated. Idea-O-Meter concept & innovative project selection with financial assistance on behalf of JIS group was also acclaimed by all.

❖ **Agenda 8 & 9 : Faculty and Student Achievements & Sports and Extra Curricular activities (including social issues)**

Some achievement of faculty members & students in National level was also appreciated by all members including Ph.D. award during lockdown , AICTE logo contest award, SIH contest 1st prize by Data Pirates team of 2nd yr..CSE students

❖ **Agenda 10 : ACM ICPC Asia Final 2020 and ICORE 2020 : Report**
A detailed report was shared by the Principal himself.

❖ **Agenda 11 : Lockdown (Special) Activities**

Some Lockdown special activities were highlighted including departmental News letters, innovative digital Quasi -interactive news Letter , Cultural Night arrangement in online platform to improve mental health of all during lockdown etc. All appreciated the endeavour of the institute.

❖ **Agenda 12 : Admission status of students in different programs of study for 2020 - 2021 academic year.**

Incomplete admission status was presented during pandemic where conclusive messages were not given by any one.

The long Meeting of two and half hours ended with vote of thanks by the Chairman.

S. Bhattacharyya

Copy to:

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