GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

An Autonomous College U/S UGC Act – 1956 [2(f) and 12(B)]

Department of Electronics and Communication Engineering

No. ECE/ 854

Date: 15/11/2021

MINUTES OF MEETING

Minutes of 18th meeting of Board of Studies of Department of Electronics and Communication Engineering held on 29-09-2021 at 10.30 AM in online and offline mode.

The following members were present in the meeting:

Sr. No.	Name of member and address	Designation
1.	Dr. Narwant Singh Grewal Assistant Professor, ECE Dept., GNDEC, Ludhiana	Chairperson
2.	Dr. Munish Rattan Assistant Professor, ECE Dept., GNDEC, Ludhiana	Member
3.	Dr. Baljeet Kaur Assistant Professor, ECE Dept., GNDEC, Ludhiana	Member
4.	Er. Harminder Kaur Assistant Professor, ECE Dept., GNDEC, Ludhiana	Member
5.	Dr. Navneet Kaur Assistant Professor, ECE Dept., GNDEC, Ludhiana	Member
6.	Dr. J. S. Sehmbi, Professor, Department of EE, IIT, Ropar	Member
7.	Dr. Amit Kumar Kohli Associate Professor, Electronics Department, Thapar University, Patiala	Member

8.	Er. Surender Singh Saini Senior Principal Scientist, Optical Devices & Systems (V-3), CSIR - Central Scientific Instruments Organisation	Member
9.	Dr. Balwinder Sigh , Head, ACS division, CDAC, Mohali	Member
10.	Er. H. S. Jatana, Group Head, Design and Process Ground, SCL, Mohali	Member
11.	Sh. Ajeet Thakur, Assistant Professor, ECE, Atal Bihari Vajpayee Govt. Inst. Of Engg. & Tech. Pragati Nagar, Dist. Shimala	Member
12.	Dr. Pankaj Bhamri Dean (Academic) Nominee	Member
13.	Dr. Daljit Singh, AP, CSE COE Nominee	Member
14.	Er. Daljit Singh, AP, ECE T&P Nominee	Member
15.	Ayush Tripathi, B.Tech (1905197) Purti Jain, B.Tech (1805436)	Member

The following decisions were taken:

Agenda Item 1. To discuss and finalize the scheme of 7th and 8th semester undergraduate degree courses in ECE for 2018 study scheme.

Approved

The revised scheme 2018 of 7th and 8th semesters of B.Tech. Electronics and Communication Engineering is attached for approval as Annexure-I.

Agenda Item 2. To discuss and finalize the syllabus of 7th and 8th Semester undergraduate degree course in ECE for 2018 study scheme.

Approved

The following suggestions were made:
- New topics, overview of 4G and 5G, to be introduced in Part-A of syllabus for Mobile Computing course.
- The number of experiments in Information Theory and Coding Laboratory, Python Programming Laboratory and VLSI Design with HDL Laboratory may be modified.
- The contents of last unit, Network Design and Management of Part B may be revised.

After incorporating recommendations of the BOS members, the revised syllabus 2018 of 7th and 8th semesters of B.Tech. Electronics and Communication Engineering is attached for approval as Annexure-II.

Agenda Item 3. To discuss and finalize the MOOC courses for Minor and honour degree in B.Tech for session July-December, 2021.

Approved

The MOOC courses for Minor and honour degree in B.Tech for session July-December, 2021 is discussed and attached in Annexure-III for approval by the Academic Council.

Agenda Item 4. To discuss and finalize the POs and PSOs for 3rd - 8th semester for B.Tech. 2018 study scheme.

Approved

The following changes were reported:
- The mapping of POs and PSOs of Major project/ Project-I/Project-II should be refined.

The reported changes have been incorporated. The final draft is attached in Annexure-IV for approval by the Academic Council.

Agenda Item 5. To discuss and finalize the amendment in 6th semester scheme and its syllabus for department and open elective courses for B.Tech (ECE) 2018 study scheme.

Approved

The following suggestions were included:
- The subject name of course titled 'Arduino and MSP 430 based Embedded System' may be renamed to 'RISC Microcontroller Programming and Interfacing'.
- The subject name of course titled 'Raspberry Pi based Embedded System' may be renamed to 'IoT using Raspberry Pi'.
- The experiments for course ARM based Embedded System Laboratory can be modified.
- For open elective course, Consumer Electronics, contents for Part B of syllabus may be revised.

The revised scheme and syllabus for 6th undergraduate degree courses in ECE, for 2018 batch were discussed. The suggestions by the members were incorporated and the final draft is attached in Annexure-V for approval by the Academic Council.

Agenda Item 6. To discuss and finalize the rubrics of practical, minor and major project for B.Tech 2018 study scheme.
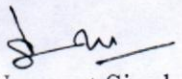
Approved

Agenda Item 7. To discuss and finalize the change in evaluation marks of open elective subject of M.Tech. Electronics and Communication Engineering to be taught to students of MBA course.

Approved

The change in evaluation marks of open elective subject of M.Tech. Electronics and Communication Engineering to be taught to students of MBA course is discussed and finalized. The final draft is attached in Annexure-VI for approval by the Academic Council.

Agenda Item 8. Any other item.

The Minor Engineering Degree in ECE for B.Tech. 2018 batch was discussed and the final draft is attached in Annexure-VII for approval by the Academic Council.

Dr. Narwant Singh
Chairperson
Board of Studies
Department of ECE