

I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY
Board of Studies in
Electronics and Communication Engineering

(Minutes of Meeting)

A meeting of the Board of Studies (Electronics and Communication Engineering) constituted vide Notification No. IKGPTU/Reg/NF/26 dated 01/03/17 was held on July 05th, 2017 at 10:00 am in Conference Hall, 2nd Floor, Department of Academics, G+3 Building, Main campus, IK Gujral Punjab Technical University Jalandhar, Jalandhar-Kapurthala highway, Punjab.

The agenda of the meeting was to review and revise the scheme of B.Tech. (Electronics and Communication Engineering) being run in main campus & affiliated colleges and to discuss any other matter with the permission of Chair.

Following members of the BOS were present and actively participated:

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|----------------------------|--------------------------------|
| 1. Dr. Avtar Singh Buttar | Chairman(Professor) |
| 2. Dr. Sandeep Singh Gill | Member (Professor) |
| 3. Dr. Harbhajan Singh | Member (Professor) |
| 4. Dr. Satvir Singh | Member (Assoc. Professor) |
| 5. Dr. Jagroop Singh Sidhu | Member (Assoc. Professor) |
| 6. Dr. Jaswinder Singh | Member (Assoc. Professor) |
| 7. Dr. Rakesh Goyal | Member (Asstt. Professor) |
| 8. Dr. Amit Gupta | Coordinator (Asstt. Professor) |
| 9. S. Navdeepak Sandhu | Member (T&P) |

Special invitee

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| 1. Dr. Kamaljit Singh Bhatia | Asstt. Professor, IKG PTU, Batala Campus |
| 2. Dr. Rakesh Kumar | Asstt. Professor, IKG PTU, Bhikiwind Campus |

Following members of BOS could not attend the meeting:

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|-------------------------|---------------------------|
| 1. Dr. Nina Gupta | Member (Outside Expert) |
| 2. Dr. Dharminder Singh | Member (Outside Expert) |
| 3. Dr. Charanjit Singh | Member (Professor) |
| 4. Er. Reetipal Singh | Member (Assoc. Professor) |

5. Dr. A K Chaterjee

Member (Outside Expert)

6. Dr. Dalveer Kaur

Member (Asstt. Professor)

The Board has taken the following decisions:

1. All the members of BOS are agreed to adopt credit based system and it has been recommended to keep up total credit 180 approximately as per AICTE/ UGC guidelines.
2. It has been strongly recommended that the study scheme and syllabus of UG programs to be offered at IKGPTU Main Campus and its affiliated colleges/ institutions (except autonomous colleges/institutions as per UGC) should cover complete GATE/UPSC syllabus.
3. It had been observed that most of the Engineering streams have their individual subjects in first year of B. Tech. But Electrical, Electronics and Instrumentation Engineering have been given combined single subject. So, it is recommended that individual subject of Basics of Electronics Engineering should be introduced in place of Basics of Electrical and Electronics Engineering.
4. In 3rd Semester syllabus, Mathematics-III subject has to be re-designed according to applications of Electronics & Communication Engineering.
5. It has been decided that one project has also to be submitted by the student in each lab.
6. Further, it has been unanimously suggested by all the members of BOS that from the point of view of more employability of students, it is recommended to introduce non credit subject employability enhancement classes for students under the supervision of respective Mentors from 3rd Semester onwards.
7. It has been strongly recommended to introduce a Mathematical computation/ simulation like MATLAB/ Sci LAB/OCTAVE or any other equivalently designed software based practical subject in first year of B.Tech. which will be helpful for all engineering streams.
8. It had been recommended that Industrial training should be done in vacations after 4th and 6th semester instead of whole semester of final year and the skill development programs or enhancing skill in core area may be introduced in the scheme.
9. It is also decided that General Fitness subject should be non credit subject in the scheme.
10. Department of Electronics & Communication Engineering, IKGPTU Main Campus shall propose a study scheme and detailed syllabus/ contents of various subjects for



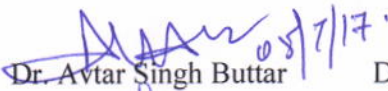
B.Tech. (Electronics & Communication Engineering) based on the suggestions of this meeting and it will be discussed and finalised in the next meetings of BOS.

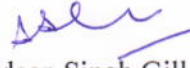
11. More number of elective subjects should be introduced in the scheme of B.Tech. ECE.

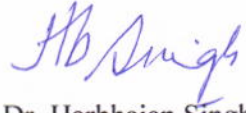
Most important recommendation based on current observation:

Henceforth, whenever any new program is to be started by university or its affiliated colleges/institutions, it should be brought forward to BOS of the university well in advance so that appropriate recommendations can be given by BOS before any kind of approvals to new program/s. Treat this as most important to avoid any kind of problems at later stages.

The meeting ended with a vote of thanks.

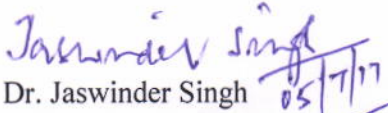
 05/7/17
Dr. Avtar Singh Buttar


Dr. Sandeep Singh Gill


Dr. Harbhajan Singh

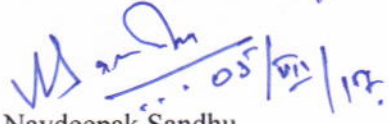

Dr. Satvir Singh



Dr. Jagroop Singh Sidhu

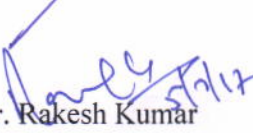
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