

# IK Gujral Punjab Technical University

Jalandhar-Kapurthala Highway, Kapurthala-144603 (PB)



## Minutes of Meeting

**Subject: 2<sup>nd</sup> Meeting of Board of Studies Electronics and Communication Engineering**

On 24.04.2018 at 10:00am, 2<sup>nd</sup> meeting of Board of Studies (Electronics and Communication Engineering) was conducted under chairmanship of Dr A. S. Buttar to deliberate and update UG & PG schemes of following degree/diploma courses:

1. B.Tech. in Electronics & Communication Engineering
2. B.Tech. in Electronics & Instrumentation Engineering
3. B.Tech. in Electronics & Telecomm. Engineering
4. M.Tech. in Electronics & Communication Engineering
5. M.Tech. in ECE (Wireless Communication)
6. M.Tech. in Electronic Product Design & Technology
7. M.Tech. in Embedded Systems
8. M.Tech. in VLSI
9. B.Tech. in Electronics & Computer Engineering
10. Post Graduate Diploma in Electronic Product Design & Technology

In the meeting of BOS Chairpersons, held on April 13, 2018 at 4:30pm it is decided to update curriculums of all degree courses running in all department. Students of coming first year (Batch 2018) in Main Campus and all affiliated colleges (except UGC autonomous colleges) will undertake revised curricula. Accordingly, the study schemes for degree courses listed above at Sr. No. 1-8 and syllabus contents for first year were deliberated at length for finalization. Degree/Diploma courses from Sr. No. 9-10 are not running in any institute under IKGPTU Kapurthala and, therefore, not considered in this meeting.

Following members of the BOS & special invitees were requested to attend said meeting for expert inputs:

- |                          |                     |                              |
|--------------------------|---------------------|------------------------------|
| 1. Dr Avtar Singh Buttar | Chairman BOS ECE    | Head ECE, IKGPTU Main Campus |
| 2. Dr Sandeep Singh Gill | Professor           | GNDEC Ludhiana               |
| 3. Dr Harbhajan Singh    | Professor           | SSIET Derbassi               |
| 4. Dr Satvir Singh       | Associate Professor | IKGPTU Main Campus           |
| 5. Dr Dalveer Kaur       | Assistant Professor | IKGPTU Main Campus           |
| 6. Dr Rakesh Kumar       | Assistant Professor | IKGPTU Main Campus           |
| 7. Dr Amit Gupta         | Assistant Professor | IKGPTU Main Campus           |

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8.	Dr Kamaljit Singh Bhatia	Assistant Professor	Batala Campus, Special Invitee
9.	Dr Rakesh Kumar	Assistant Professor	Bhikhiwind Campus, Special Invitee
10.	Dr Balwinder Singh	Principal Engineer	CDAC Mohali, Special Invitee
11.	Dr J S Sahambi	Professor	IIT Ropar, Special Invitee
12.	Dr Rajesh Khanna	Professor	Thapar University, Special Invitee
13.	Dr Dilbag Singh	Associate Professor	NIT Jalandhar, Special Invitee
14.	Dr Charanjit Singh	Professor	RBIET Hoshiarpur
15.	Dr Nina Gupta	Professor	PEC Chandigarh
16.	Dr Dharminder Singh	Professor	IIT Roorkee
17.	Dr A K Chatterjee	Professor	Thapar University
18.	Er Navdeepak Singh	T&P Officer	IKGPTU Kapurthala
19.	Dr Jagroop Singh	Associate Professor	DAVIET Jalandhar
20.	Dr Jaswinder Singh	Associate Professor	BCET Gurdaspur

Members of BOS from Sr. No. 14-20 could not attend the meeting. Board members deliberated on many issues and finally following decisions were taken unanimously:

1. The board accepted the credit-based system in line with AICTE Model Curriculum January 2018 for all UG & PG degree courses under consideration.
2. Students of batch 2018 onwards at IKGPTU main campus, constituent campuses, affiliated colleges (except UGC autonomous college) will undertake new curriculum.
3. Study scheme and course contents for first year will be same for all B.Tech. degree courses as decided by the office of Dean Academics. Board has observed that course contents of Basic Electrical Engineering are heavy for first year students, therefore, board recommended to remove Module 5 & 6 and replace with basic topics from electronics engineering.
4. Students will undertake three trainings of total 12 weeks: (a) 4-week Institutional Training, (b) 4-week Industrial Training after 4<sup>th</sup> sem and (c) 4-week Industrial Training after 6<sup>th</sup> sem. Six months industrial training will be eliminated from the curriculum.
5. To enhance soft skills among students three practical courses (of 1 credit each) on Professional Skills have been introduced in 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> semesters.
6. Under the supervision of course teacher, each student will design and submit a relevant (hardware/software) project in each practical course. Distribution of practical course assessment will be as follows:

S. No.	Description	Percentage	Marks
1.	Practical File	10%	3
2.	Attendance	10%	3
3.	Mid-Sem-Test	20%	6
4.	Viva	20%	6
5.	Lab Project	40%	12
Total		100%	30

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6. Board recommends that course contents and credits, if any, of all mandatory courses should be same for all B.Tech. disciplines
7. Board also discussed and approved the departmental Vision & Mission statements, Programme Education Objectives (PEOs), Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) for the Department of ECE at IKGPTU Main Campus (attached at **Annexure-I**).  
Other constituent campuses and affiliated institutes are free to adopt/modify PEOs and PSOs statements as per respective vision and mission statements. Board of studies recommends all institutes to adopt Outcome Based Education system and get accredited by National Board of Accreditation.
8. Further, in the meeting member directed to the departmental faculty to update propose Study Scheme for B.Tech. degree course and Course Outcomes (4 to 6 in number) for each theory and practical course of 3<sup>rd</sup> semester onwards. Board will deliberate and finalize the same in up coming BOS Meetings.

Meeting ended with vote of thanks

  
Dr Sandeep Singh Gill

  
Dr Rakesh Goyal

  
Dr Kamaljit Singh Bhatia

  
Dr Dilbag Singh


  
Dr Dalveer Kaur

  
Dr Rakesh Kumar

  
Dr Harbhajan Singh

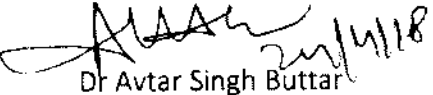
  
Dr Balwinder Singh

  
Dr Amit Gupta

  
Dr J S Sahambi  
24.4.2018

  
Dr Satvir Singh

  
Dr Rajesh Khanna

  
Dr Avtar Singh Buttar