

IKGPTU/ECE/M1
20/2/19

I.K.Gujral Punjab Technical University
Jalandhar-Kapurthala Highway, Kapurthala-144603 (PB)
Department of Electronics & Communication Engineering

Minutes of Meeting

Subject: Minutes of the 5th meeting of Board of Studies Electronics and Communication Engineering on 18/02/2019.

A meeting of the Board of Studies Electronics and Communication Engineering (ECE) held on 18.02.2019 at 10:30am, at Department of ECE, College Building-I, 2nd Floor, IKGPTU Main Campus, Kapurthala under the chairmanship of Dr Satvir Singh (officiating) for the under graduate programs listed below:

1. B.Tech. in Electronics & Communication Engineering
2. B.Tech. in Electronics & Instrumentation Engineering
3. B.Tech. in Electronics & Telecommunication Engineering

The Agenda of the meeting is to deliberate and finalize:

1. Study Scheme of above B.Tech. ECE and related programs from 3rd to 8th semesters.
2. Syllabus of above B.Tech. ECE and related programs for 2nd year along with Vision, Mission, Program Outcomes (POs), Course Objectives and Course Outcomes (COs).
3. To discuss any other matter with permission of the Chair.

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

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|------------------------|-----------------------|--------------------------------|
| 1. Dr J S Sahambi | Professor | IIT Roper, Special Invitee |
| 2. Dr Dilbag Singh | Professor | NIT Jalandhar, Special Invitee |
| 3. Dr. Y.S. Brar | Professor & Director | IKGPTU Main Campus |
| 4. Dr. Harpal Singh | Professor | CEC Landran Special invitee |
| 5. Dr Satvir Singh | Associate Professor | IKGPTU Main Campus Member |
| 6. Dr. Jagroop Singh | Associate Professor | DAVIET Jalandhar Member |
| 7. Dr. Ashish Arora | Associate Professor | IKGPTU Main Campus |
| 8. Dr. Sarabjeet Singh | Mathematical Sciences | Special Invitee |
| 9. Dr Rakesh Kumar | Assistant Professor | IKGPTU Main Campus, |
| | (Human Values) | Nominee/Special Invitee |
| | Assistant Professor | IKGPTU Bhikhiwind Campus, |
| | Assistant Professor | Special Invitee |
| | Assistant Professor | IKGPTU Main Campus Member |

10. Dr Rakesh Goyal

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11. Dr Amit Gupta	Assistant Professor	IKGPTU Main Campus Member
12. Dr. K.S.Bhatia	Assistant Professor	IKGPTU Batala Campus
13. Dr. Shabir Sidhu	Assistant Professor	IKGPTU Main Campus
14. Dr. Anshu Bhasin	Assistant Professor	IKGPTU Main Campus
15. Er Navdeepak Singh	Coordinator BOS CSE	Special Invitee
16. Dr Dalveer Kaur	T&P Officer	IKGPTU Kapurthala
17. Dr Sandeep Singh Gill	Assistant Professor & Coordinator BOS ECE	IKGPTU Main Campus Member
18. Dr Harbhajan Singh	Professor	GNDEC Ludhiana Member
19. Dr Avtar Singh Buttar	Professor	SSIET Derrabassi Member
20. Dr. B.S.Sohi	Chairman BOS ECE	Head ECE, IKGPTU Main Campus
21. Dr Jaswinder Singh	Pro Vice Chancellor	Chandigarh University, Gharuan
22. Dr Charanjit Singh	Associate Professor	Special Invitee
23. Dr Nina Gupta	Professor	BCET, Gurdaspur Member
24. Dr Dharminder Singh	Professor	RBIET Hoshiarpur Member
25. Dr A K Chatterjee	Professor	PEC Chandigarh Member
		IIT Roorkee Member
		Thapar University Member

Members of BOS from Sr. No. 16-24 could not attend the meeting.

Based on the deliberations, the Board recommended the following:

1. The Study schemes for B.Tech. Electronics and Communication Engineering (ECE), B.Tech. Electronics and Telecommunication Engineering (ETE) and B.Tech. Electronics and Instrumentation Engineering (EIE) from 3rd semester to 8th semester was discussed and finalised (attached herewith as Annexure-I).
2. Statements for Vision and Mission, Program Educational Objectives, Program Outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes has been discussed and finalised specifically for the B.Tech. ECE IKGPTU Main campus (attached herewith as Annexure-II).
3. The Board observed and finalized the syllabus contents for second year of B.Tech. Electronics & Communication Engineering (ECE), B.Tech. Electronics & Instrumentation Engineering (EIE), B.Tech. Electronics & Telecommunication Engineering (ETE) (attached herewith as Annexure-III).
4. In the meeting of BOS ECE, it is decided that following chapters should be covered in Mathematics III to meet the requirements of other core subjects, irrespective of the suggestions given by AICTE.
 - a. Fourier Transform
 - b. Laplace Transform
 - c. z-Transform
 - d. Probability & Statistic


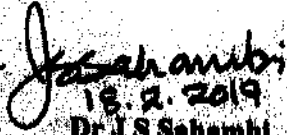
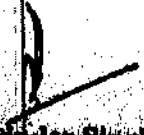









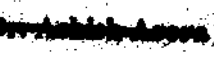
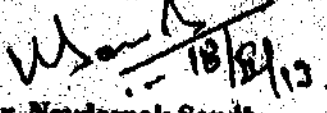

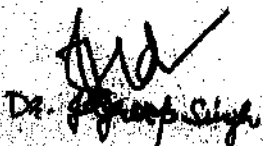

It is decided by the Board that the contents of the (a) Data Structures and Algorithms and (b) Environmental Sciences (a non credit Mandatory course).

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in 4th semester and (c) HUSS courses - Foundational course in Humanities (Development of Societies/Philosophy) and (d) Universal Human Values-2: Understanding Harmony (in semesters 3rd and 4th, respectively) will be provided by the concerned Department.

- The board finalised the syllabus of the subject: (a) BTEC-305-18 Basic Electronics (for B.Tech. Civil Engineering and B.Tech. Mechanical Engineering), (b) BTEC-315-18 Basic Electronics Lab (for B.Tech. Civil Engineering), (c) Instrumentation & Sensor Technology (for B.Tech Civil Engineering) as requested by the respective BOS.
- Further important suggestions (if any) will be incorporated with the approval of Chairman BOS ECE to be put for rectification in next BOS ECE meeting.

Meeting ended with vote of thanks.

 Dr. Dhillon Singh	 18.2.2019 Dr. J S Sahambi	 Dr. Yadwinder Singh Brar
 18/2/19 Dr. Anshu Bhatia	 18/2/19 Dr. Harpal Singh	 Dr. Ashish Arora (could not attend)
 Dr. Sarvag Singh	 Dr. Rakesh	 Dr. Kamal Singh
 18/2/19 Dr. Rakesh Kumar	 Dr. Sarabjit Singh	 Dr. Kamal Singh
 Dr. Ashish Arora	 18/2/19 Er. Navdeep Sandhu	 Dr. Shashi Sidhu (could not attend)
	 Dr. Anoop Singh	 Dr. Dhillon Singh