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**GURU NANAK DEV ENGINEERING COLLEGE LUDHIANA**  
**(Department of Electronics & Communication Engineering)**  
**(An Autonomous College under UGC Act.)**

No.ECE/1783

Date: 03.04.17

**MINUTES OF MEETING**

Minutes of the 7<sup>th</sup> meeting of Board of Studies of Department of Electronics & Communication Engineering held on 31.03.2017 at 02.30 PM in HOD office.

The following members were present in the meeting: -

1. Dr. Sandeep Singh Gill, Chairman, BOS
2. Pf. Ameeta Seehra, Member, Member — *Ameeta*
3. Pf. Narwant Singh Grewal, Member — *Narwant*
4. Dr. Balwinder Singh Dhaliwal — *BSDhaliwal*
5. Dr. Munish Rattan, Member — *Munish Rattan*

**Item No. 1** Approval of 6<sup>th</sup> semester syllabus of B.Tech (ECE).

The following modifications are suggested in syllabus: -

1. The latest topics needs to be added in subject of Microwave and Radar Engineering (EC-14602). Also the experiment on transmission line needs to be replaced with experiment on measurement of return loss of patch antenna using VNA.
2. Distribution of contents in chapters needs to be uniform in the subject Microelectronics (EC-14605).
3. Three experiments need to be added related to Texas Instrument lab in the lab subject of Microcontroller and Embedded System (EC-14611). Also, latest microcontrollers need to be added in theory subject – Microcontrollers & Embedded system (EC-14604).
4. Following matter to be added in note contents of each lab “All the students shall design and implement a small project related to lab”.

After the modification, all the contents will be circulated to all BOS members for comments. If no further suggestions received, then syllabus is approved.

*[Signature]*

Dr. Sandeep Singh Gill  
Chairman  
Board of Studies  
Department of ECE