

UNIVERSITY OF KERALA

(Abstract)

B.Tech Degree Courses (2013 Scheme) – Corrections in the Syllabus of 6<sup>th</sup> semester - Approved - Orders issued.

=====

**ACADEMIC A.III .SECTION**

No.Ac.A.III/4/BoS/Engg/Tech/2016-I

Dated, Thiruvananthapuram: 22/02/2016

- =====
- Read: 1. Minutes of the Annual meeting of the Boards of Studies in Engineering (Pass I, II & III) held on 11.01.2016 (Item I).
2. Endorsement of the Dean, Faculty of Engineering and Technology.

**ORDER**

The Boards of Studies in Engineering (Pass I, II & III) vide paper read (1) above recommended the following corrections to be incorporated in the Syllabus of 6<sup>th</sup> semester B.Tech Degree Courses in Electrical and Electronics Engineering and Civil Engineering (2013 Scheme).

- a) Branch : Electrical and Electronics Engineering (E)
1. Page No. 28. Subject: 13.607 Microprocessor Lab (E)

**Internal Continuous Assessment (*Maximum Marks-25*)**

***Examination duration: 2 hours      Maximum Total Marks: 50***

2. Page No. 30. Subject: 13.608 Software Lab (E)

**Internal Continuous Assessment (*Maximum Marks-25*)**

***Examination duration: 2 hours      Maximum Total Marks: 50***

- b) Branch : Civil Engineering (C)
- Page No. 4. Subject: 13.602 Design of Reinforced Concrete Structures (C)

i. **Module – I**

Introduction to different design philosophies. Principles of Working Stress and Limit State methods (Limit State method in detail), Analysis and Design of singly and doubly reinforced beams of rectangular, and flanged sections for bending and shear. **Development length.**

ii. **Module – II**

Design of beams for torsion. Limit State of Serviceability – Check for Deflections – cracking (Brief description only). Design of slab spanning in one direction and two directions. **Design of continuous slabs.** Staircases – Design of straight flight and dog-legged staircases.

iii. **University Examination Pattern:**

*Examination duration: 3 hours      Maximum Total Marks: 100*  
*Use of IS 456: 2000, IS 1343: 2012 and Interaction curves for columns are permitted in examination halls.*

The Dean, Faculty of Engineering and Technology vide paper read (2) above endorsed the above recommendation of the Board.

P.T.O.

The Vice-Chancellor, subject to reporting to the Academic Council, approved the corrections in the Syllabus of 6<sup>th</sup> semester B.Tech Degree Courses in Electrical and Electronics Engineering and Civil Engineering (2013 Scheme), as recommended by the Boards of Studies in Engineering (Pass I, II & III) and endorsed by the Dean, Faculty of Engineering and Technology.

Orders are issued accordingly.

Sd/-  
REMA.M  
DEPUTY REGISTRAR(Acad.II)  
For **REGISTRAR**

To

1. PS to VC/ PVC
2. PA to Registrar/CE.
3. The Principals of affiliated Colleges offering EEE and CE.
4. DR (Engg) / AR (Engg)/ AR (ECL).
5. The EB IV Section/ Tabulation Sections concerned.
6. The Director, Computer Centre.
7. PRO/RO/Enquiry.
8. Stock File/File Copy.

Forwarded /By Order,

**SECTION OFFICER**