



**VIVEKANANDA GLOBAL UNIVERSITY, JAIPUR**  
**Department of Electrical Engineering**

(Established by Rajasthan State Legislature vide Act. No. 11/2012 and covered u/s 2(f) of UGC Act 1956)

VGU/EE/15-16/ 1360

5, May 2016

## **Minutes of the Meeting of the Board of Studies**

**Minutes of the meeting of the Board of Studies-** Department of Electrical Engineering, Faculty of Engineering & Technology, Held at 10.30 am on 28, April 2016 in the Board Room of the University

Following members were Present:

1. Prof. (Dr.) M. Raisinghani- Vice Chairperson, Special Invitee
2. Prof. N.C Bhandari-Convener, BOS & Dean
3. Prof. A.S Poonia-Pro-President- Special Invitee
4. Dr. Ramesh Pachar- SKIT, External Member,
5. Shri B. N. Saini, Ex-Director, RVPNL, External Member,
6. Mr. Parmeshwar Kumawat-Member, HOD EE
7. Mr. Govind Rai Goyal- Departmental, Faculty Member EE
8. Mr. Atul Dadichi, Faculty Member EE
9. Shri R. K. Gupta-Secretary

**Leave of absence was granted to:**

10. Dr. K R Niazi – MNIT, Jaipur, External Members
11. Dr. Rajesh Kumar – MNIT, Jaipur, External members

Member discussed the draft syllabuses of the B.Tech. Electrical Engineering as per guide lines of “**Choice Based Credit System**” and also discussed scheme and syllabus of M.Tech Power System, and Diploma Electrical Engineering. Following decision were taken.

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**M.Tech Power Systems**

1. BOS suggested that eliminating the marks from scheme and only having credit system.
2. BOS suggested that per week academic Hours for M.Tech. students should not exceed more than 28 hours.
3. BOS suggested that course work should be completed in first two semesters. In 3<sup>rd</sup> semester student undergo six months internship and will complete their dissertation part-I. BOS also suggested to restructure the scheme accordingly.
4. BOS suggested to include some new topics related to Power System Security and Analysis in syllabus of “**Computer Aided Analysis of Power System**” (PS M102)’.  
5. Committee members observed that ‘HVAC and HVDC transmission system (PS M104)’ covered at U.G level, therefore it is recommended that a new subject title as “**Restructing of Power system Networks**” can be added at place of “**HVAC and DC**” which is related to deregulation of Power System.
6. BOS advised that “**Advance power Electronics**” (PS M105.1) is already covered at U.G. level so it can be removed from Elective-I.
7. Syllabus of ‘Computer Adied Analysis of Power System Lab (PS M106)’ is lengthy, so it is suggested to reduce experiment up to 8/9.
8. It is advised by committee members to include “**Project formulation and Appraisal (UC M208)**” in theory subject instead of sessional work.
9. BOS suggested to add one new subject “**Distributed Generation and Control**” as elective subject to fulfill the requirement of the power industries.

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9. BOS members also discuss the syllabus of the “**Advance simulation lab (EE610)**” BOS members observed, the syllabus of the above lab is require and approved for adopting new syllabus of the lab for new session as well as old session.

**Diploma in Electrical Engineering**

1. BOS suggested to eliminate the marks from scheme and only having credit system. Over all credit should not be more than 150.
2. BOS suggested that per week academic hours for Diploma students should be 32 hr. at most but in general not more than 30 hours.
3. BOS suggested to follow the credits scheme as per AICTE norms, i.e. in theory subjects 1 credit for each hr and 0.5 credit for each hr in laboratory and tutorial .
4. BOS observed that “**Electrical Circuit Theory (EE D401)**” subject required in 3<sup>rd</sup> semester instead of 4<sup>th</sup>, so that it is recommended the “**Electrical Workshop (EE D303)**” subject interchang with “**Electrical Circuit Theory (EE D401)**” and same for respective Labs.
5. BOS suggested to rename subject title “**Electrical Engineering and Machines (EE D304)**” to “**Electrical Machines (EE D304)**” and same for the Lab.
6. BOS suggested to split the subject title as “**Generation and Transmission (EE D403)**” in two subjects title as “**Generation of Electrical power**” (in 4<sup>th</sup> semester) and “**Transmission and Distribution**” (in 5<sup>th</sup> semester)’.
7. BOS suggested rename subject “**Industrial Electronics and Transducers**” (EE D404) to “**Industrial Electronics**” because of transducers topic relevant to EMI subject and already included in Electrical measurement and Instrumentation subject and same for the Lab.

*P. Singh*

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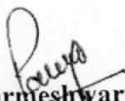



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8. Subject, title as **“AC Distribution and Utilization”** (EE D503) replace by **“Transmission & Distribution”** subject.
9. BOS suggested that content of **“Electrical and Electronics Equipments”** (EE D504) is common with **“EMI (EE D405)”** and **“GEP (EE D403)”** subjects, so that it is recommended that this subject should be replaced by a new subject like **“Utilization of Electrical Power and Traction”**.
10. Syllabus content of subject title as **“Power Station Engineering”** (EE D603) is already covered in **“GEP (EE D403)”** so that BOS suggested this subject should be replaced by **“Electrical Design and Drawing”** subject which is requirement of the power industries and same for labs.
11. Rename the Subject, title as **“Microprocessor and Microcontrol Application** (EE D604) to **“Microprocessor and Their Application”**, and modify the syllabus of above said subject.

**Thereafter the meeting ended with a Vote of Thanks to the Chair.**

  
**Parmeshwar**  
**HOD-EE**

  
**Mr. R. K. Gupta**  
**Member secretary, BOS**