

AY: 2017-18

**New Horizon College of Engineering**  
**Department of**  
**Electrical & Electronics Engineering**

**BOARD OF STUDIES MEETING**

**DATE: 16/06/2017**

**VENUE: Conference Room, Dept. of EEE**

**TIME: 10:30 am**

**NEW HORIZON COLLEGE OF ENGINEERING**  
**BOARD OF STUDIES MEETING**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

**AGENDA**

**Date: 16/06/2017**

**Venue: Conference room, Dept.of EEE**

**Time: 10:30 am**

- **Welcome address by the Chairman of BOS**
- **Introduction of BOS members**
- **Approval of syllabus & Scheme of third year (V & VI semesters) and modification of second year ( III & IV semesters) Electrical & Electronics Engineering Subjects**
- **Approval of tentative scheme of Fourth year Electrical & Electronics Engineering Subjects (VII & VIII semester)**
- **Vote of Thanks**

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## MEMBERS OF THE BOARD OF STUDIES

Sl No	Category	Nomination of the committee	Name of the person
1	Head of the Department	<b>Chairperson</b>	Dr. Elumalai
2	Faculty members at different level veering different specialization	<b>Member</b>	
		1	Dr.Mahesh K
		2	Dr. Sujitha S
		3	Mr. Inbasakaran S
		4	Ms. Karthika M
		5	Mrs. Anitha A
3	Experts from outside the college nominated by Vice Chancellor (One among six nominated member from VTU)	<b>Member</b>	
		1	Dr. B.R Lakshmikantha
4	Subject expert from outside the college nominated by Academic Council	<b>Member</b>	Dr. H.M Ravikumar
5	Representative from Industry / Corporate sector / allied area related to placements, nominated by Academic Council	<b>Member</b>	
		1	Mr. Rajendra Prasad Director, Donvey Power Control System
		2	Mr. Vinu Kumar H.K AGM- Electrical (ETA, Bangalore)
6	Meritorious alumni nominated by Principal	<b>Member</b>	
		1	Ms.Roshni Z Sholapurwala
7	Co-opted members	1	Mr. Joshua Daniel Raj
		2	Mr.Satish kumar D

MEMBER LIST

No.	Name of the Member and Address	Signature
1	Mr. J. ...	[Signature]
2	Mr. ...	[Signature]
3	Mr. ...	[Signature]
4	Mr. ...	[Signature]
5	Mr. ...	[Signature]
6	Mr. ...	[Signature]
7	Mr. ...	[Signature]
8	Mr. ...	[Signature]
9	Mr. ...	[Signature]
10	Mr. ...	[Signature]
11	Mr. ...	[Signature]
12	Mr. ...	[Signature]
13	Mr. ...	[Signature]
14	Mr. ...	[Signature]

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**WELCOME ADDRESS BY THE CHAIRMAN OF THE BOS AND  
INTRODUCTION OF MEMBERS**

**Minutes:**

**Dr. Elumalai, Chairman of BOS, welcomed all members and introduced External BOS members.**

1. Dr. H.M Ravikumar (Subject Expert)
  2. Mr. Rajendra Prasad (Industry Representation)
  3. Mr. Vinu Kumar H.K (Industry Representation)
  4. Ms.Roshni Z Sholapurwala (Meritorious Alumni)
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**NEW HORIZON COLLEGE OF ENGINEERING  
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING  
BOARD OF STUDIES MEETING  
AGENDA -1**

**Approval of syllabus & Scheme of Third year (V & VI) and modification of second year (III & IV semesters) Electrical & Electronics Engineering Subjects**

**Fifth semester EEE subjects**

Sl	Course Name	Course Code
1	Digital Signal Processing	17EEE51
2	Electrical Machines - II	17EEE52
3	Linear Control Systems	17EEE53
4	Electrical Machine Design & Drawing	17EEE54
5	Generation, Transmission And Distribution	17EEE55
6	Professional Elective -I	17EEE56X
7	Mini Project I	17EEE57

**Professional Elective -I**

Sl	Course Name	Course Code
1	Op-amps & Linear IC's	17EEE561
2	Modern Communication Systems	17EEE562
3	Advanced Micro Controller & Applications	17EEE563
4	MEMS & Applications	17EEE564
5	Object Oriented Programming with C++	17EEE565

**Sixth semester EEE subjects:**

SI	Course Name	Course Code
1	Power System Analysis	17EEE61
2	Industrial Automation	17EEE62
3	Power Electronics	17EEE63
4	Power System Protection	17EEE64
5	High voltage Engineering	17EEE65
6	Professional Elective - II	17EEE66X
7	Mini Project II	17EEE67

**Professional Elective -II**

SI	Course Name	Course Code
1	Operation Research	17EEE661
2	VLSI Design	17EEE662
3	Embedded System	17EEE663
4	Special Electrical Machines	17EEE664
5	Advanced Control Systems	17EEE665



## **AGENDA -2**

### **Approval of scheme of Fourth year Electrical & Electronics Engineering Subjects (VII & VIII semester)**

#### **Minutes:**

- **Scheme of Fourth year Electrical & Electronics Engineering courses (VII & VIII semesters) were reviewed.**
  - **Opinion and suggestions were considered before finalizing the scheme.**
  - **The scheme was approved unanimously by all the members.**
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NEW HORIZON COLEGE OF ENGINEERING, BENGALURU

DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING

BOS MEETING – MINUTES OF MEETING

- Contents of syllabus in each course were scrutinized thoroughly by the members and following suggestions were given by the members:

Subject/ Suggestions	Sem	Comments
Global Elective	-	Global elective courses should meet the Industry needs to solve the Multi disciplinary problems
Digital Signal Processing	05	Merging of DSP and Signals and Systems is appreciated
Material Science	03	Recommended to replace by Introduction to MATLAB
Op Amps and LICs	05	Instead of elective, it can be made as professional core subject OR the content of this subject can be added in other subjects.
Industrial Automation	06	Title can be changed to Automation and its Applications (Merging of both Industrial and Home Automation can be done) Industry Driven Elective may be imposed and taken by Industrial Expert and mentor Internally

## Recommendations of Board

Industry on CAMPUS	-	Bringing Industry to Campus for learning
Integrated Lab	-	Students failed in Lab / Theory no need to write both the exams instead I grade may be introduced
Industry Meet Credits	-	Evaluation – 2 Credits for Internship can be given - 2 credits for Self Study Electrical Machines Lab and High Voltage Lab industrial Visits – 0.5 Credits can be Given
Online Courses credits	-	Tie up with Foreign university on line Courses. Value Added Webinar Courses in foreign Universities NPTEL videos can be displayed to the students
Suggestions to include other elective subjects	-	Bio electronics related Subjects Artificial Intelligence Virtual Reality Image Processing Engineering Presentation Design Lab can be included
Next BOS Meeting	-	Modifications in Course File need to Verified
BOE – Panel Approval and Panel of Examiners	-	BOE – Panel Approval and Panel of Examiners list can be included in BOS Meeting

- **Suggestions and opinions of the members were viewed to arrive at final approval of syllabus contents with modifications.**
- **Syllabus content in each course after incorporating relevant changes was ratified and approved.**

**Name and Signatures of all the Attendees:**

**MEMBERS PRESENT**

Sl No	Name of the Attendees	Signature
1	Dr.Elumalai (Chairman)	R. Elal
2	Dr. B.R Lakshmikantha (Subject Expert-VTU nominee)	[Handwritten Signature]
3	Dr. H.M Ravikumar (Subject Expert)	[Handwritten Signature]
4	Mr. Rajendra Prasad (Industry Representation)	Rajendra
5	Mr. Vinu Kumar H.K (Industry Representation)	Vinuy
6	Dr.Mahesh K (Faculty member)	[Handwritten Signature]
7	Dr. Sujitha S (Faculty member)	[Handwritten Signature]
8	Mr. Inbasakaran S (Faculty member)	[Handwritten Signature]
9	Ms. Karthika M (Faculty member)	[Handwritten Signature]
10	Mrs. Anitha.A (Faculty member)	[Handwritten Signature]
11	Mrs. Kavitha C. Reddy(Faculty member)	Ch.Kavitha
12	Ms.Roshni Z Sholapurwala (Meritorious Alumni)	Roshni Z
13	Mr. Joshua Daniel Raj (Co-opted member)	Joshua
14	Mr. Satish kumar D (Co-opted member)	Du

**VOTE OF THANKS BY THE CHAIRMAN-BOS**

**The BOE-Chairman conveyed his thanks to all the BOS members for spending their valuable time in this regard.**