



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

BOARD OF STUDIES MEETING

DATE : 16.03.2018
VENUE : COE Office
TIME : 10.00 am – 1.00pm

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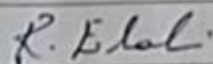
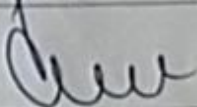
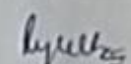
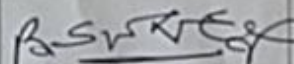
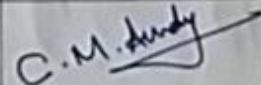
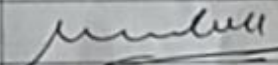
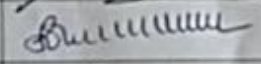
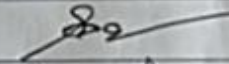
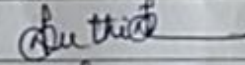
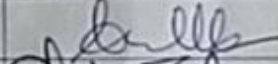
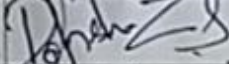
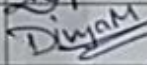
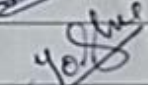
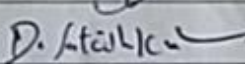
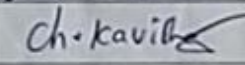
AGENDA FOR THE MEETING

- **Agenda 1** Approval of Scheme & Syllabus of Final year (VII & VIII semesters)
- **Agenda 2** Approval for revising the scheme of Second year, Third year Electrical & Electronics Engineering Subjects (III & IV,V & VI semesters)
- **Agenda 3** Approval for revising the syllabus of second year, Third year (III & IV,V & VI semesters) Electrical & Electronics Engineering Subjects
- **Agenda 4** Recommendation and approval of course outcomes for each of the proposed courses.

LIST OF MEMBERS

Sl. No	Category	Nomination of the committee	Name of the person
1	Head of the Department	Chairperson	Dr. Elumalai
2	Faculty member at different level with different specialization	Member	
		1	Dr.Mahesh K
		2	Dr. Sujitha S
		3	Mr. Inbasakaran S
		4	Mr.Arunkumar M
		5	Mrs. Karthika M
3	Subject expert from outside the college nominated by Academic Council	Member	
		1	Dr. Geetha, BMS college of Engineering
		2	Dr. Karthikeyan NITK, Suratkal
4	Experts from outside the college nominated by Vice Chancellor	Member	
		1	Dr. B.R Lakshmikantha
5	Representative from Industry / Corporate sector / allied area related to placements, nominated by Academic Council	Member	
		1	Dr. Subba Reddy, Senior Research Fellow, Honeywell,
		2	Dr. C M Ananda, Deputy Director, NAL.
6	Post Graduate meritorious alumni nominated by Principal	Member	
		1	Ms.Roshni Z Sholapurwala (Meritorious Alumni)
		2	Ms.Divya M (Meritorious Alumni)
7	Co-opted members	1	Mr. Joshua Daniel Raj
		2	Mr.Satish kumar D
		3	Mrs. Kavitha C. Reddy

LIST OF MEMBERS PRESENT

Sl. No.	Name	Signature
1	Dr.Elumalai (Chairman)	
2	Dr. B.R Lakshmikantha ,(VTU nominee), Principal, Dayanada Sagar Academy of Technology & Management.	
3	Dr. R.S.Geetha, Associate Professor, Dept. Of EEE,BMS college of Engineering (Subject Expert)	
4	Dr. Karthikeyan, Associate Professor, Dept. Of EEE,NITK, Suratkal (Subject Expert)	ABSENT
5	Dr. D.Subba Reddy, Senior Research Fellow, Honeywell. (Industry Representation)	
6	Dr. C M Ananda, Deputy Director, NAL. (Industry Representation)	
7	Dr.Mahesh K (Faculty member)	
8	Dr. Sujitha S (Faculty member)	
9	Mr. Inbasakaran S (Faculty member)	
10	Ms. Karthika M (Faculty member)	
11	Mrs. Anitha.A (Faculty member)	
12	Ms.Roshni Z Sholapurwala (Meritorious Alumni)	
13	Ms Divya M(Meritorious Alumni)	
14	Mr. Joshua Daniel Raj (Co-opted member)	
15	Mr. Satish kumar D (Co-opted member)	
16	Mrs. Kavitha C. Reddy(Co-opted member)	

WELCOME ADDRESS BY THE CHAIRMAN OF BOS AND INTRODUCTION OF MEMBERS

Minutes

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

*1. Dr. Subba Reddy,
Senior Research Fellow,
Honeywell.*

*2. Dr. C M Ananda,
Deputy Director,
NAL.*

*3. Dr. Geetha,
BMS college of Engineering*

AGENDA -1

Approval of Scheme & syllabus of Final year (VII & VIII semesters)

Minutes

- *Scheme & Syllabus of Final year Electrical & Electronics Engineering Subjects (III & IV, V & VI semesters) were reviewed.*
- *Opinion and suggestions were considered before finalizing the scheme.*
- *The scheme & Syllabus was approved unanimously by all the members.*

Seventh semester EEE subjects

Sl	Course Name	Course Code
1	Computer Aided Power System Analysis	EEE71
2	Advanced Industrial & Building Automation	EEE72
3	Professional Elective - III	EEE73X
4	Professional Elective - IV	EEE74X
5	Open Elective -II	NHOPXX
6	Project Phase I	EEE75

Professional Elective -III

Sl	Course Name	Course Code
1	Electrical vehicles and Drives	EEE731
2	FACTS & HVDC transmission	EEE732
3	Testing & Commissioning	EEE733
4	Energy Auditing and Demand side Management	EEE734

Professional Elective -IV

Sl	Course Name	Course Code
1	Utilization of Electrical Energy	EEE741
2	Power System Operation and Control	EEE742
3	Solar Electric Systems	EEE 743
4	Artificial Neural network and Fuzzy logic	EEE 744

Eighth semester EEE subjects:

Sl	Course Name	Course Code
1	Professional Elective - V	EEE81X
2	Open Elective -III	NHOPXX
3	Project Phase II	EEE82

Professional Elective -V

Sl	Course Name	Course Code
1	Estimation & Costing of electrical systems	EEE811
2	Smart grid	EEE812
3	Power quality	EEE813
4	Integration of distributed generation	EEE814

AGENDA -2

Approval for revising the scheme of Second year, Third year Electrical & Electronics Engineering Subjects (III & IV,V & VI semesters)

Minutes

- *Scheme of Second year, Third year Electrical & Electronics Engineering Subjects (III & IV, V & VI semesters) were reviewed.*
- *Opinion and suggestions were considered before finalizing the scheme.*
- *The scheme was approved unanimously by all the members.*

Third semester EEE subjects

Sl	Course Name	Course Code
1	Programmable Logic Controller	EEE33
2	Electronic Devices And Circuits	EEE34
3	Digital Electronics	EEE35
4	Electric Circuit Theory	EEE36

Fourth semester EEE subjects

Sl	Course Name	Course Code
1	Electromagnetic Field Theory	EEE43
2	Measurements And Instrumentation & Lab	EEE44
3	Microprocessors And Microcontrollers	EEE45
4	Electrical Machines-I	EEE46

Fifth semester EEE subjects

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

Sl	Course Name	Course Code
1	Op-amps & Linear IC's	EEE561
2	Modern Communication systems	EEE562
3	Advanced Microcontroller & Applications	EEE563
4	Object Oriented Programming withC++	EEE564
5	MEMS & Applications	EEE565

Sixth semester EEE subjects:

Sl	Course Name	Course Code
1	Power System Analysis	EEE61
2	Power Electronics	EEE62
3	Relay & High voltage Engineering	EEE63
4	Power System Protection	EEE64
5	Professional Elective – II	EEE65X
6	Open Elective – I	NHOPX
7	Mini Project II	EEE67

Professional Elective -I

Sl	Course Name	Course Code
1	Operation Research	EEE651
2	VLSI Design	EEE652
3	Embedded System	EEE653
4	Special Electrical Machines	EEE654
5	Advanced Control Systems	EEE655
6	Industrial Automation	EEE656

AGENDA -3

Approval for revising the Syllabus of Second year, Third year Electrical & Electronics Engineering Subjects (III & IV, V & VI semesters)

Minutes

- *Syllabus of Second year, Third year Electrical & Electronics Engineering Subjects (III & IV, V & VI semesters) were reviewed.*
- *Opinion and suggestions were considered before finalizing the syllabus.*
- *The material science (EEE33) was removed and Programmable Logic Controller (EEE33) is introduced instead of material science, since it is a prerequisite subject for industrial automation.*
- *The Digital Signal Processing (EEE51) subject content was revised.*
- *The syllabus was approved unanimously by all the members.*

AGENDA 4

Recommendation and approval of course outcomes for each of the proposed courses.

Minutes

- *Course outcomes for each of the proposed courses were reviewed.*
 - *Opinion and suggestions were considered before finalizing the course outcomes.*
 - *Course outcomes were approved unanimously by all the members.*
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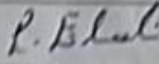
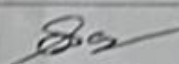
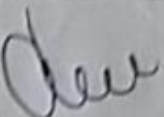
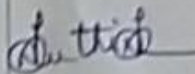
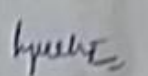
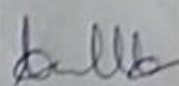
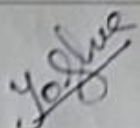
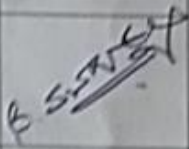
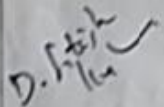
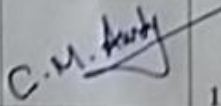
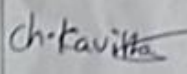
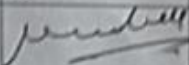
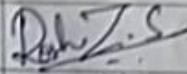
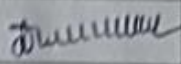
RECOMMENDATIONS OF THE BOARD

Subject/ Suggestions	Sem	Comments
7 th and 8 th semester scheme related to project Phase I and Phase II	VII, VIII	Appreciated by BOS members for the split up of project phases.
In integrated subjects, Lab can be evaluated for 1credit	III-VII	More credits can be given for projects
Professional elective -Solar electric systems	VII	This subject can be replaced by renewable sources which includes solar, wind etc.,
Schnider Industrial Automation	VII	Apart from the schinder content, it is advised to include other industry oriented content in theory.
Electric Vehicles & drives	VII	Lectures should be taken effectively with related videos and practical demos.
Industrial visits	-	It is advised to go for industrial visits to CPRI , IISC & Public sectors related to EEE domain.,
Introduction of new courses	-	Industry related courses such as Mathematical modeling of machines, Robotics, Machine learning, IOT can be introduced.
Utilization of electrical energy	VII	Wiring and harnessing concepts can be included
Solar simulator Lab	-	Solar simulator lab can be introduced for students projects
Internship credit	-	Credits should be given for internship courses.
Grounding scheme	-	It is advised to introduce grounding scheme for EEE students.

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.

Name and Signatures of all the Attendees:

Sl. No.	Name	Signature	Sl. No.	Name	Signature
1	Dr.Elumalai (Chairman)		9	Mr. Inbasakaran S (Faculty member)	
2	Dr. B.R Lakshmikantha, Principal, Dayanada Sagar Academy of Technology & Management. (VTU nominee)		10	Ms. Karthika M (Faculty member)	
3	Dr. R.S.Geetha, Associate Professor, Dept. Of EEE, BMS college of Engineering (Subject Expert)		11	Mrs. Anitha.A (Faculty member)	
4	Dr. Karthikeyan, Associate Professor, Dept. Of EEE, NITK, Suratkal (Subject Expert)	ABSENT	12	Mr. Joshua Daniel R aj (Co-opted member)	
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7	Dr.Mahesh K (Faculty member)		15	Ms.Roshni Z Sholapurwala (Meritorious Alumni)	
8	Dr. Sujitha S (Faculty member)		16	MS Divya M (Meritorious Alumni)	