

Board of Studies Meeting Held on 16/11/13  
Saturday

Minutes of Meeting B.O.S. held on 16/11/13 (Saturday)  
Date: 16.11.13 Time 9.30 AM to Venue: ~~FEES~~ S. Hall

Members present: Expert member

- 1) Dr. N. Kamaraj - S. R.
- 2) Mr. N. Thevarayan - ~~base~~
- 3) Dr. M. Malathi - ~~red~~
- 4) Dr. S. Jabez Dhinapan - J. J. D.

Staff members.

- |                            |                        |                         |
|----------------------------|------------------------|-------------------------|
| 1. R. Rajan Prakash        | R. Pr.                 |                         |
| 2. M. Varathegian          | M. V.                  |                         |
| 3. N. Shanmuga Radivoo     | N. Shanmuga Radivoo    | Heleni - <del>HN</del>  |
| 4. D. Kavitha              | D. Kavitha             |                         |
| 5. S. A. F. Xavier         | S. A. F. Xavier        | Maheshi - <del>MA</del> |
| 6. S. Charles Raja         | S. Charles Raja        |                         |
| 7. R. Mediswaran           | R. Mediswaran          |                         |
| 8. B. Ashok Kumar          | B. Ashok Kumar         |                         |
| 9. Dr. K. Selvi            | Dr. K. Selvi           |                         |
| 10. D. Nandan Jayakumar    | D. Nandan Jayakumar    |                         |
| 11. V. Prakash             | V. Prakash             |                         |
| 12. G. Swasankar           | G. Swasankar           |                         |
| 13. S. Vijayarajan         | S. Vijayarajan         |                         |
| 14. R. Mediswaran          | R. Mediswaran          |                         |
| 14. M. Saravanan           | M. Saravanan           |                         |
| 15. S. M. Mahalingam       | S. M. Mahalingam       |                         |
| 16. J. Jane Rubel Angelina | J. Jane Rubel Angelina |                         |
| 17. P. S. MANOHARAN        | P. S. MANOHARAN        |                         |
| 18. M. GEETHA-SALI.        | M. GEETHA-SALI.        |                         |

✓ HOD welcomed all the expert members and briefed the agenda of the meeting.

E61 - Management theory & practice.

- ✓ Dr. Muralidharan, from Mechanical Engg. department briefed the content to the board members.
- ✓ Introduction on accounting should be included.
- ✓ Dr. Jayraj suggested to mention few points on the faculty planning & productivity to include Accounting.
- ✓ Finally it is concluded to include finance topic as separate unit and title should be changed as Principles of Management.

E62 - Software Engg.

- ✓ Mrs. Jane, from CSE presented the contents to the members.
- ✓ Few tools on industrial processes may be included.
- ✓ Software testing tools may be included.
- ✓ Introductory steps on test automation may be added.

E62 - Power Systems Analysis

- ✓ Dr. N. Shanmuga Vadivu briefed the syllabus content.
- ✓ Dr. Malathi suggested to include formation of bus impedance matrix.
- ✓ Kimbark should be added as reference.

E63 - Electric Drives

- ✓ Dr. J. A. B. Xavier explained the content in detail.
- ✓ It is suggested to include selection of drives, energy efficient drives.

E64 - Power Electronics & drives lab.

- ✓ Dr. Xavier listed the experiments proposed to be carried out and is passed.

### ✓ E64 - Design of Electrical Machine:

- + Mr. V. Mahesh briefed the content to be taught
- + Standards should be added - IS 4722, 2026

### E67 - Instrumentation Control lab

- + Dr. M. Anthesjuli showed the list of experiments to be conducted under this title.
- + It is suggested to change calibration of energy meter as we started using digital meter
- + Study of transducer should be made on experiments.

### ECX - Control of Electric drives

- + Mr. S. Vejarayan presented the syllabus & it is passed.

### EC - PLC and Distributed Control Systems.

- + Mr. V. V. Venkatesh explained the content in detail.
- + Some idea on safety PLC should be given to the students.

### ECY - Hybrid Vehicle.

- + Dr. M. Saravaram elaborated the content to be taught.
- + Syllabus accepted with few corrections

### E63 - Microprocessors and Microcontrollers

- + Dr. M. Saravaram explained the modifications to be carried out
- + Syllabus passed.

### EC - Digital Image Processing.

- + Dr. Helen presented the content of the syllabus.
- + Members suggest to meet it on fool passed.

### E65 - Automation Electronics

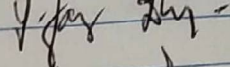
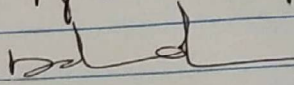
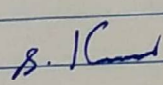
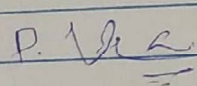
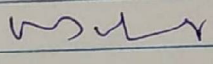
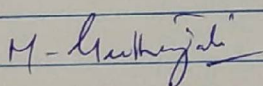
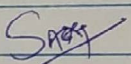
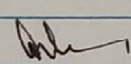
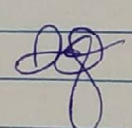
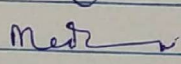
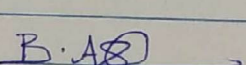
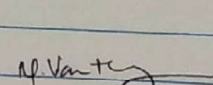
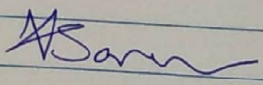
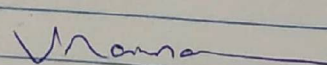
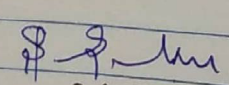

- + Mr. R. Madhwarani explained the content included in the syllabus.
- + Syllabus is passed.

## Board of Studies Meeting Held on 26/04/2014

Venue: FFE-Seminar Hall

Time 9.30 AM.

M/s. Member of Present: Expert members

- |                             |   |
|-----------------------------|---|
| 1) Dr. S. JABEZ DHIVAGAR.   |    |
| 2) Dr. M. MALATHI.          |     |
| 3) Dr. N. KAMARAJ.          |    |
| 4) Dr. P. Venkatesh         |     |
| 5) Dr. V. Suresh Kumar      |    |
| 6) Dr. M. Gellanjali.       |    |
| 7) Dr. S. Anelia Edwin Oram |   |
| 8) Dr. R. Helen             |   |
| 9) Dr. D. N. Jayakumar      |   |
| 10) Dr. R. Medaguram        |   |
| 11) Prof. B. Ashok Kumar    |   |
| 12) Prof. M. Varadharajam   |   |
| 13) Dr. V. Saravanan.       |   |
| 14) Dr. V. Ramanthan        |   |
| 15) G. SIVASANKAR           |   |
| 16) Dr. S. Charles Raja     |  |

- 17) Dr. V. Prakash : Prakash V.
- 18) Dr. V. Sathyanarayanan : Sathyanarayanan V.
- 19) Dr. M. Saravanan : M. Saravanan
- 20) Dr. P. S. MANOHARAN : P. S. Manoharan

### AGENDA

1. Scrutinize and pass VII & VIII Sem. Curriculum, Core, and elective courses for B. E. EEE 2011-12 batch.
  2. Scrutinize & pass <sup>new</sup> elective course "NES - State Estimation" for M.Tech. C&I programme.
- \* HOD Welcomed the Expert member & faculty members
    - Dr. C. Nagamani, NIT expressed her inability to attend BOS meeting and she sent her comments on Syllabus
    - Dr. N. Theivrajam, IGICAR, Kalpetam not able to attend BOS meeting and sent views on Syllabus content for updation
  - \* HOD presented the Curriculum, Scheduling of Courses, list of electives of B. E. EEE (2011-12)
  - \* Dr. V. Saravanan presented the Content of Course "E71 Utilization of Elec. Energy"
    - Dr. SJD suggested to include Lithium battery and to remove Ni-Cd battery. In the illumination topic, said to mention the spectrum of various lamps, radiation & its effects
    - Dr. V. H. suggested to rearrange the content in the battery.
    - Dr. SJD also suggested to rename the battery topic as Energy Storage System.

E71 - Syllabus approved by the members with above suggestion
  - \* Dr. M. Ananthanarayanan presented the Syllabus content of course "E72 - Protection & Switch gear"
    - Dr. V. Malathi suggested to rearrange the topic as follows:

1) Introduction 2) Over Voltage protection 3) Circuit Breaker and fuses 4) Protection Relays.  
Also suggested to shift CT, PT, substation layout etc. to introduction topic

\* HOD suggested to mention about rating & setting of relays and CBR.

\* Dr VS suggested to mention the ELCB  
E72 - Syllabus approved with above suggestions.

\* Dr MG presented the Lab. course "E77 - Power system lab"  
• Dr VM suggested to add C coding along with Matlab coding for 1 cycle of experiments.

\* Dr PV presented the Lab course "E78 - Simulation Lab"  
• Dr STD mentioned that students ~~now~~ do not use the plant & motor model from the library of Matlab for simulation. They have to develop mathematic models for plant and motor control separately and integrate & simulate.

\* Dr NK presented the New elective courses:

EC2 - Quality Engineering

EC3 - Reliability Engineering

EC4 - Automotive Engineering

\* Dr STD suggested to include example from any electrical / electronic domain and do calculation using the data available or to use simulation tool to find the quality & reliability concept studied thro. these courses.

Also mentioned that in Automotive Engineering context - topics from motor cycle physics to end of course, it is sufficient to know the concept (ie. as block box, i/p, o/p, energy no.), no need to solve equation or problem. Qualitative treatment is sufficient. To group the headings Suspension, Wheel, brake, Power train, Transmission system as "Key Component of Automotive Engrg."

with the above suggestions EC2, EC3 & EC4 Courses approved by members.

- Mr. M. Varatharajan presented the course "CVES - State Estimation" as elective course for M.Tech. C&I programme. There is no comment. Members approved the syllabus.
- HoD briefed the proposal of new Curriculum for 2014-15 and invited suggestion from all members.

The meeting end with Vote of Thanks by HoD at 11 PM.

Minutes of Board of Studies (UG) - EEE Towards  
the approval of one credit course for  
BE (EEE) Students.

Date : 10.07.2013

Venue : Department office [EEE]

Time : 2.30 pm

Members Present :

1. Dr. N. Kamaraj
2. Dr. K. Selvi
3. Dr. S. Arokia Edwin Xavier.
4. Ms. R. Rajan Prakash
5. Ms. B. Ashok Kumar

Members scrutinized the syllabus submitted  
by the course designers and approved the  
syllabus of the following course.

EIH: Design of Power Supplies

course coordinator for the above course

B. Ashok Kumar.

Course coordinator will help the department  
for the conduct of the above course.

1. Dr. N. Kamaraj
2. Dr. K. Selvi
3. Dr. S. Arokia Edwin Xavier.
4. Ms. R. Rajan Prakash
5. Ms. B. Ashok Kumar.

S. I. Sundar

K. Selvi

S. Arokia

R. Rajan

B. Ashok Kumar



Minutes of Board of Studies - UG - EEE -  
towards the approval of one credit course for  
B.E. (EEE) students.

DATE : 25.7.2013.

VENUE : EEE Dept. office.

Time : 10.30 p.m.

MEMBERS PRESENT :

1. Dr. N. KAMARAJ
2. Dr. K. SELVI
3. Dr. V. SARAVANAN
4. Dr. M. GEETHANJALI
5. Mr. R. MEDESWARAN.

Members scrutinized the syllabus submitted by  
the course designers and approved the  
syllabus of the following course.

E1J - MICRO GRID.

Course coordinator for the above course -

Dr. M. GEETHANJALI.

The Course Coordinator will help the department  
for the conduct of the above course.

1. Dr. N. KAMARAJ. - S. I. Kond.
2. Dr. K. SELVI - K. S. S.
3. Dr. V. SARAVANAN - S. S. S.
4. Dr. M. GEETHANJALI - M. S. S.
5. Mr. R. MEDESWARAN - M. S. S.

Minutes of Board of studies (UG-EEE)  
towards approval of one credit course for  
BE-EEE students

Date: 11-06-14

Venue: EEE - Department office.

Time: 2 pm.

Members Present.

1. Dr. N. Kamaraj
2. Dr. V. Saravanan
3. Dr. P.S. Manoharan
4. Dr. D. Nelson Jayakumar
5. Mr. B. Ashok kumar.

Members scrutinized the syllabus submitted  
by the course designers and approved the  
syllabus of the following course.

EIT- Industrial Safety

Course Coordinator for the above course

Mr. B. Ashok kumar

Course Coordinator will help the department  
for the conduct of the above course.

1. Dr. N. Kamaraj
2. Dr. V. Saravanan
3. Dr. P.S. Manoharan
4. Dr. D. Nelson Jayakumar
5. Mr. B. Ashok kumar

S. I. Chand  
P.S. Manoharan  
B. Ashok kumar

Minutes of Board of Studies (UG-EEE)  
towards approval of Basis of Electrical  
Engineering course for B.E. EEE. Students.

Date: 12.07.14.

Venue: EEE Department office

Time: 2pm.

Members present:

1. Dr. N. Kamarej
2. Dr. S. Charles Raja
3. Ms. B. Arthok Kumar
4. Ms. G. Sivasonkar
5. Ms. V. Seetharaman.

\* Meeting was conducted to identify the areas and to frame the contents of the syllabus under them.

\* Following areas were identified

1. History & Inventions
2. Fundamentals of Electricity
3. Indian Electricity Schemes.

\* Course contents under the above mentio-  
-ned areas are identified.

\* Course designers are requested to prepare the course material for the same.

1. Dr. N. Kamarej
2. Dr. S. Charles Raja
3. Ms. B. Arthok Kumar
4. Ms. G. Sivasonkar
5. Ms. V. Seetharaman.

S. Ramesh

BAB  
S. Ramesh  
S. Ramesh

Thiagarajar College of Engineering: Madurai, 15.  
(A Govt. Aided ISO 9001:2008 Certified Autonomous Institution affiliated to Anna University)  
**Department of EEE**

No.EEE/1 CREDIT COURSE/2015/

17.02.2015

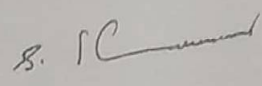
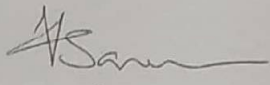
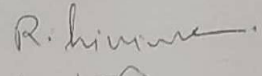
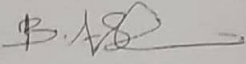
Minutes of the BOS meeting held on 17.02.2015 (Tuesday) at EEE Department Office.

Members present:

- 1. Dr.N.Kamaraj - Chairman / HOD
- 2. Dr.V.Saravanan - Member
- 3. Dr.R.Rajan prakash - Member
- 4. Prof.B.Ashok kumar - Member

Members scrutinized the syllabus submitted by the course designers and approved the syllabus for the course 'E1L - Power Grid Operation'.

Prof.R.Medeswaran has been nominated as the course coordinator, and he will organize and facilitate the course.

- 1. Dr. N. Kamaraj - 
- 2. Dr.V.Saravanan - 
- 3. Dr. R. Rajan prakash - 
- 4. Prof.B.Ashok kumar - 

Minutes of Adhoc Board of studies (44) - BE EEE  
towards the approval of one credit course  
for BE EEE students.

Date: 02.03.2016

Venue: EEE Department office

Time: 2.30 PM.

Members Present

1. Dr. N. Kamalraj
2. Dr. V. Saravanan
3. Dr. P. S. Manoharan
4. Mr. B. Ashok Kumar

Members scrutinized and passed the syllabus  
submitted by the course designer Mr. S. Anand Kumar  
Technical lead, Schneider Electric, Bangalore and  
approved the syllabus of the course.

"EIN - Solar Power Plant"

Course Coordinator for the course.

Mr. B. Ashok Kumar.

Course Coordinator will help the department  
for the conduct of above course.

1. Dr. N. Kamalraj
2. Dr. V. Saravanan
3. Dr. P. S. Manoharan
4. Mr. B. Ashok Kumar

S. I. Kund  
ASan  
P. S. Manoh  
B. ASK