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**COLLEGE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ELECTRICAL ENGINEERING - Board of Studies meeting**

Faculty : Electrical Engineering
Program Offered : Bachelor of Engineering
Date & Time : 31th August 2023 at 10.30 a.m.
Venue : NPRCET Rear block Seminar Hall - II

The Members of the Board are:

| S. No. | Member Category | Name, Designation and Affiliation |
|--------|---|--|
| 1 | Chair Person | Dr.K.Kanimozhi, Professor & Head NPR College of Engineering and Technology Natham,Dindigul |
| 2 | University Nominee | Dr.V.Saravanan, Professor/EEE, Thiagarajar College of Engineering, Madurai. |
| 3 | Academic Expert Members | Dr.P.Raja, Professor/EEE , National Institute of Technology, Tiruchirappalli. |
| 4 | | Dr.P.K.Dhal, Professor/EEE, Vel Tech University, Chennai. |
| 5 | Industrial Expert Member | Mr.Pon Kumar, Proprietor Brand Automation, Madurai-625001 |
| 6 | Alumni Member | Mr.Natrayan Subramani Assistant Manager, Asia Pacific Bonfiglioli Engineering,Coimbatore. |
| 7 | Experts from outside the Autonomous college | Dr.B.MuraliBabu Professor/EEE, Paavai Engineering college, Pachal,Namakkal-637018 |
| 8 | Members of the faculty of Electrical Engineering | Dr.P.Kanirajan |
| | | Dr.M.Iyappan |
| | | Dr.S.Prakash |
| | | Mr.K.Rajesh |
| | | Mr.S.Sathyamoorthi |
| | | Mr.T.Sivakuamar |
| | | Mr.R.Muthukumar |
| | | Mr.R.Venkatesh kuamr |
| | | Mr.S.Sathish kumar |



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| 4 | | Dr.P.K.Dhal, Professor/EEE, Vel Tech University, Chennai. |
| 5 | Industrial Expert Member | Mr.Pon Kumar, Proprietor Brand Automation, Madurai-625001 |
| 6 | Alumni Member | Mr.Natrayan Subramani Assistant Manager, Asia Pacific Bonfiglioli Engineering,Coimbatore. |
| 7 | Experts from outside the Autonomous college | Dr.B.MuraliBabu Professor/EEE, Paavai Engineering college, Pachal,Namakkal-637018 |
| 8 | Members of the faculty of Electrical Engineering | Dr.P.Kanirajan |
| | | Dr.M.Iyappan |
| | | Dr.S.Prakash |
| | | Mr.K.Rajesh |
| | | Mr.S.Sathyamoorthi |
| | | Mr.T.Sivakuamar |
| | | Mr.R.Muthukumar |
| | | Mr.R.Venkatesh kuamr |
| | | Mr.S.Sathish kumar |

Dr.K.Kanimozhi, Chairman, Board of Studies of the Faculty of Electrical and Electronics Engineering welcomed and introduced the BoS members for the first BoS meeting. She started the presentation with a brief introduction to the PEO, PO & PSO of Programme B.E Electrical and Electronics Engineering. She explained the highlights of the new curriculum to the members.

Based on the following suggestions given by the members, and the Chairman of BoS the suggestions are incorporated appropriately in the Curriculum and Syllabus of Semesters 1 & 2.

Suggestions given by Dr. V.Saravanan - University Nominee

1. It is suggested that six course outcomes covering 50 % of understand level and 50 % Apply level can be introduced for the courses in higher semesters.
2. In second semester 23GE201 Basics of Civil and Mechanical Engineering, Unit 4 Internal Combustion Engines and Power plants shall be modified as Thermodynamics and Power Plants.
3. The course Indian Constitution may be added in the list of mandatory courses.
4. Course arrangement in all semesters should be reordered as: Basic Science Courses , Engineering Science Courses followed by Professional Core Courses.

Suggestions given by Dr. P.Raja - Subject Expert

1. In first semester 23GE101 Problem Solving and Python Programming may be modified as “Problem Solving and C Programming”
2. In second semester 23MA201 Statistics and Numerical Methods may be modified as “Transforms and Numerical Methods “ and in third semester 23MA301 Probability and Complex functions may be modified as “Probability and Statistics” in discussion with the department of Mathematics.
3. The distribution of credits per semester shall follow normal distribution.
4. In third semester 23EE301 Electromagnetic Theory may be modified as “Electromagnetic Field Theory”

5. In third semester 23CS305 Python and Data Structures is suggested as Blended course.
6. In third semester 23EE303 Electron Devices and Circuits is to be offered as separate Theory and Laboratory course.
7. 23EE503 Power System protection in fifth semester and 23EE601 Embedded Systems and IOT in sixth semester shall be swapped.
8. In seventh semester 23EE701 High Voltage Engineering is to be added in Professional Elective list Electric Power Utilization shall be offered as core course in place of High Voltage Engineering.
9. The course in the verticals should be ordered according to prerequisites.

Suggestions given by Mr. Pon Kumar - Industrial Expert

1. He suggested to introduce Industrial Emerging Topics in Automation .
2. Students should be motivated to attend more workshops/seminars to enhance their abilities .

Suggestions given by Mr. Natryan Subramani , Alumni

1. It is suggested to reduce number of Professional Elective courses and increase number of Professional core courses.

Finally, the meeting ended with a vote of thanks by Mr.R.Muthukumar, Assistant Professor, Department of EEE. The chairman thanked all the members for their suggestions and substantial inputs.


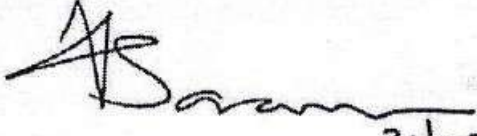


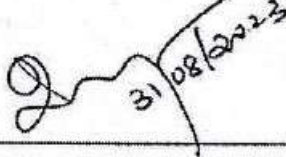
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|  31/8/23 |  31/08/2023 |
| BoS, Chair Person | University Nominee |
| Dr.K.Kanimozhi, Professor & Head Electrical and Electronics Engineering NPR College of Engineering and Technology, Natham, Dindigul | Dr.V.Saravanan, Professor/EEE, Thiagarajar College of Engineering, Madurai |

| | |
|---|---|
|  31/08/2023 | ONLINE |
| Academic Expert Members | |
| Dr.P.Raja, Professor/EEE , National Institute of Technology Tiruchirappalli. | Dr.P.K.Dhal, Professor/EEE, Vel Tech University, Chennai. |

| | | |
|---|---|---|
|  |  | ONLINE |
| Industrial Expert | Alumni Member | Experts from outside the Autonomous college |
| Mr.PonKumar, Proprietor Brand Automation Madurai-625001 | Mr.Natrayan Subramani Assistant Manager Asia Pacific Bonfiglioli Engineering Coimbatore. | Dr.B.MuraliBabu Professor/EEE, Paavai Engineering college, Pachal,Namakkal-637018 |



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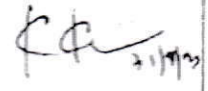


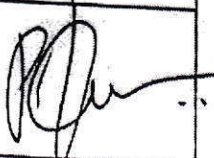

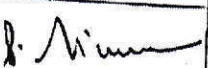

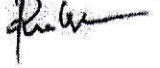

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Faculty of Electrical Engineering

Board of studies Meeting - Attendance Report

Date : 31.08.2023 Time : 10.30 a.m. Venue : NPRCET Rear block Seminar Hall-II

| S. No | Name | Designation, Affiliation | Association | Signature |
|-------|--------------------------|--|---|---|
| 1 | Dr.K.Kanimozhi | Professor & Head NPR College of Engineering and Technology Natham,Dindigul | Board of Chairman |  |
| 2 | Dr.V.Saravanan, | Professor/EEE, Thiagarajar College of Engineering, Madurai | University Nominee |  |
| 3 | Dr.P.Raja, | Professor/EEE , National Institute of Technology Tiruchirappalli . | Academic Expert Member |  |
| 4 | Dr.P.K.Dhal, | Professor/EEE, Vel Tech University, Chennai | Academic Expert Member | ONLINE |
| 5 | Dr.B.MuraliBabu | Professor/EEE, Paavai Engineering college, Pachal,Namakkal-637018 | Experts from outside the Autonomous college | ONLINE |
| 6 | Mr.Pon Kumar | Proprietor Brand Automation Madurai-625001 | Industry Member |  |
| 7 | Mr.Natrayan Subramani | Assistant Manager Asia Pacific Bonfiglioli Engineering,Coimbatore. | Alumni |  |
| 8 | Dr.P.Kanirajan | Professor | Faculty Member |  |
| 9 | Dr.M.Iyappan | Associate Professor | Faculty Member |  |
| 10 | Dr.S.Prakash | Associate Professor | Faculty Member |  |
| 11 | Mr.K.Rajesh | Assistant Professor | Faculty Member |  |



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|-----|--------------------------|---------------------|----------------|--|
| 12 | Mr.S.Sathyamoorthi | Assistant Professor | Faculty Member | |
| 13 | Mr.T.Sivakuamar | Assistant Professor | Faculty Member | |
| 14 | Mr.R.Muthukumar | Assistant Professor | Faculty Member | |
| 15 | Mr.R.Venkatesh Kuamar | Assistant Professor | Faculty Member | |
| 16. | Mr.S.Sathish Kumar | Assistant Professor | Faculty Member | |

Dr.K.Kanimozhi

Chairman BoS

Head of the Department

Department of Electrical & Electronics Engineering
NPR College of Engineering & Technology
Natham, Dindigul (DT) 624 401



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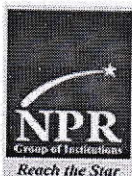


**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
BOARD OF STUDIES MEETING**

HELD ON 31.08.2023

ACTION TAKEN REPORT

| S.No. | Faculty Name | Suggestions Given | Action Taken |
|-------|---|--|--|
| 1. | Dr.V.Saravanan, Professor/EEE, Thiagarajar College of Engineering, Madurai. (Anna University Nominee) | It is suggested that six course outcomes covering 50 % of understand level and 50 % Apply level can be introduced for the courses in higher semesters. | The suggestion will be incorporated while framing syllabus for higher semesters. |
| | | In second semester 23GE201 Basics of Civil and Mechanical Engineering, Unit 4: Internal Combustion Engines and Power plants shall be modified as Thermodynamics and Power Plants. | In unit 4 basics of IC Engines are only discussed. So course cannot be renamed as Thermodynamics and Power Plants. |
| | | The course Indian Constitution may be added in list of mandatory courses | The suggested topics Francis Kaplan and Pelton Turbine are added in Unit 4. |
| | | Course arrangement in all semesters should be reordered as: Basic Science Courses ,Engineering Science Courses followed by Professional Core Courses. | The course Indian Constitution is added in list of mandatory courses |
| 2 | Dr.P.Raja, Professor/EEE, National Institute of Technology, Tiruchirappalli (Academic Expert Member) | In first semester 23GE101 Problem Solving and Python Programming may be modified as "Problem Solving and C Programming" | All semester courses are reordered. |
| | | In second semester 23MA201 Statistics and Numerical Methods may be modified as "Transforms | In first semester Problem solving and C Programming is offered The suggestions were incorporated as |



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| | | and Statistics “ and In third semester 23MA301 Probability and Complex functions may be modified as “Probability and Numerical Methods” in discussion with the department of Mathematics. | 1.II Semester: Transforms and Numerical Methods 2.III Sem :Probability and Statistics |
| | | The distribution of credits per semester shall follow normal distribution. | Has been incorporated |
| | | In third semester 23EE301 Electromagnetic Theory may be modified as “Electromagnetic Field Theory” | The course is renamed as Electromagnetic Field Theory |
| | | In third semester 23CS305 Python and Data Structures is suggested as Blended course. | In third semester Python Programming is offered as Blended Course and Data structures will be offered as value added course |
| | | In third semester 23EE303 Electron Devices and Circuits is to be offered as separate Theory and Laboratory course. | In third semester 23EE303 Electron Devices and Circuits is offered as separate Theory and Laboratory course. |
| | | 23EE503 Power System protection in fifth semester and 23EE601 Embedded Systems and IOT in sixth semester shall be swapped. | The courses are swapped |
| | | In seventh semester 23EE701 High Voltage Engineering is to be added in Professional Elective list Electric Power Utilization shall be offered as core course in place of High Voltage Engineering. | The changes are incorporated |
| | | The course in the verticals should be ordered according to prerequisites. | Courses would be reordered |
| | Mr.PonKumar, Proprietor Brand Automation, Madurai-625001 | He suggested to introduce Industrial Emerging Topics in Automation . | Te topics will be introduced while framing syllabus for higher semesters |




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|----|---|---|--|
| 3. | | Students should be motivated to attend more workshops/seminars to enhance their abilities | Already our students have participated in workshops and they will be motivated for future participation. |
| 4 | Mr.Natrayan Subramani Assistant Manager, Asia Pacific Bonfoglioli Engineering, Coimbatore. | It is suggested to reduce number of Professional Elective courses and increase number of Professional core courses. | Anna University is offering industry verticals under the name Professional Electives. Those electives are needed to get B.E Honours .So electives cannot be reduced. |


Chairman/BoS

(Dr. K. K. Anand)
Head of the Department
Department of Electrical & Electronics Engg.
NPR College of Engineering & Technology
Natham, Dindigul (DT) 624 401