

SRM VALLIAMMAI ENGINEERING COLLEGE

(An Autonomous Institution)

ESTD. 1999 - Accredited by NBA - Approved by AICTE

'A' Grade Accreditation by NAAC

ISO 9001:2015 Certified - Affiliated to Anna University Chennai

FACULTY OF ELECTRICAL ENGINEERING

(Department of Electrical and Electronics Engineering &
Department of Electronics and Instrumentation Engineering)

Date: 31/03/2023

The third Board of Studies meeting of Faculty of Electrical Engineering has been scheduled on 31.03.2023 (Friday) at 01.00 P.M. in the R&D lab of Electronics and Instrumentation Engineering Department.

Agenda

| Item No. | Particulars | | | | | | | | | | | | |
|----------|--|-------------|----------------------------|------------|----------|---|--|-----|----|---|--|-------------|----|
| FEE 3.01 | To Consider and approve the Curriculum and Syllabi of III & IV Semesters for the UG Degree Programmes to be offered under new regulation R-2023. 1. B. E. - Electrical and Electronics Engineering 2. B. E. - Electronics and Instrumentation Engineering | | | | | | | | | | | | |
| FEE 3.02 | To Consider and approve the Curriculum and Syllabi of PG Programmes of I to IV Semesters to be offered under new regulation R-2023. 1. M. E. - Power Systems 2. M. E. - Control and Instrumentation Engineering | | | | | | | | | | | | |
| FEE 3.03 | To discuss and approve the B.E. Degree subjects for the other departments as per requests received from various HoD's in 2023 Regulations Semester I <table border="1"><thead><tr><th>S. No.</th><th>Course Code - Course title</th><th>Department</th><th>Category</th></tr></thead><tbody><tr><td>1</td><td>Basic Electrical and Instrumentation Engineering</td><td>ECE</td><td>ES</td></tr><tr><td>2</td><td>Basic Electrical and Electronics Engineering</td><td>MDE & MECH.</td><td>ES</td></tr></tbody></table> | S. No. | Course Code - Course title | Department | Category | 1 | Basic Electrical and Instrumentation Engineering | ECE | ES | 2 | Basic Electrical and Electronics Engineering | MDE & MECH. | ES |
| S. No. | Course Code - Course title | Department | Category | | | | | | | | | | |
| 1 | Basic Electrical and Instrumentation Engineering | ECE | ES | | | | | | | | | | |
| 2 | Basic Electrical and Electronics Engineering | MDE & MECH. | ES | | | | | | | | | | |
| FEE 3.04 | To discuss and approve to CO & PO Mapping | | | | | | | | | | | | |
| FEE 3.04 | Any other points with the permission of Chair Person | | | | | | | | | | | | |

CC to,

1. Chairman, Academic Council – for kind information.
2. All Members of Board of Studies in FEE.

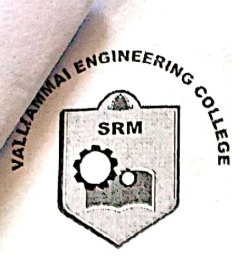

31/3/23
CHAIRMAN

BoS – Faculty of Electrical Engineering



SRM Nagar, Kattankulathur - 603203, Kanchipuram District, Tamil Nadu, India
Phone : 044 - 27454784, 27454726 & 27451498 Fax : 044 - 27451504

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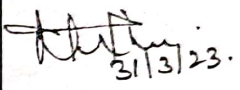
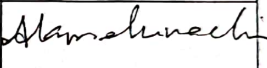
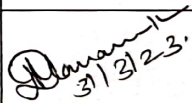
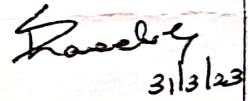

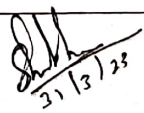
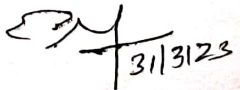
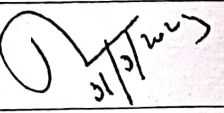

FACULTY OF ELECTRICAL ENGINEERING

(Department of Electrical and Electronics Engineering &

Department of Electronics and Instrumentation Engineering)

The Board of Studies meeting of Faculty of Electrical Engineering is conducted on 31.03.2023 (Friday) at 01.00 P.M. in the R&D lab of Electronics and Instrumentation Engineering Department.

ATTENDANCE SHEET

| S. No. | Name & Designation | Address | Position in BOS | Signature |
|--------|--|--|--|--|
| 1 | Dr. S. Visalakshi Professor & Head | Department of EIE, SRM Valliammai Engineering College | Chairman |  31/3/23. |
| 2 | Dr. Alamelu Nachiappan Professor | Department of EEE, Puducherry Technological University, Puducherry -14. | University Nominee |  |
| 3 | Dr. D. Manamalli Professor | Dept. of Instrumentation Engineering, MIT Campus, Anna University, Chennai-44 | External Member (Subject Expert) |  31/3/23. |
| 4 | Dr. C. Sharmeela Professor | Department of EEE, CEG, Anna University, Chennai-25. | External Member (Subject Expert) |  31/3/23 |
| 5 | Dr. J. Balamurugan Assistant Executive Engineer, | Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO), Chennai. | External Member (Industry Expert) |  31/3/2023 |
| 6 | Mr. G. P. Thirumurugan CEO | RLT Instrumentation Pvt.Ltd, No.2, Factory Road, Athur, Chengalpet - 603 101. | External Member (Industry Expert) | - ABSENT - |
| 7 | Mr. S. Shrivathsan Senior Associate - Projects | Cognizant Technology Solution, Chennai | External Member (Alumnus) |  31/3/23 |
| 8 | Mr. Nathan Kannan Director & Adjunct Consultant | Alionova Consulting India Pvt. Ltd., Chennai | External Member (Alumnus) | - ABSENT - |
| 9 | Dr. K. Elango Professor & Head | Department of EEE, SRM Valliammai Engineering College | Internal Member (Subject Expert) |  31/3/23 |
| 10 | Dr. R. Karthik Professor | Department of EEE, SRM Valliammai Engineering College. | Internal Member (Subject Expert) |  31/3/23 |
| 11 | Dr. K. Ayyar Associate Professor | Department of EIE, SRM Valliammai Engineering College. | Internal Member (Subject Expert) |  31/3/23 |



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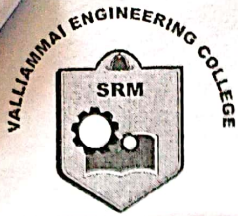
The third Board of Studies meeting of Faculty of Electrical Engineering has been scheduled on 31.03.2023 (Friday) at 01.00 P.M. in the R&D lab of Electronics and Instrumentation Engineering Department.

Minutes of Meeting

| Item No. | Particulars | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|---|---|-------------|--------------|----------|---|--------|-------------------------------|-----|---|--------|---------------------------------------|-----|---|--------|----------------------------------|-----|---|--------|---|-----|---|--------|---|-----|
| | Discussed and approved the Curriculum and Syllabi of III & IV Semesters for the UG Degree Programmes to be offered under new regulation R-2023. 1. B. E. - Electrical and Electronics Engineering 2. B. E. - Electronics and Instrumentation Engineering EEE : Semester III | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"><thead><tr><th>S. No.</th><th>Course Code</th><th>Course title</th><th>Category</th></tr></thead><tbody><tr><td>1</td><td>EE3361</td><td>Digital Logic Circuits</td><td>PCC</td></tr><tr><td>2</td><td>EE3362</td><td>Electrical Machines-I-</td><td>PCC</td></tr><tr><td>3</td><td>EE3363</td><td>Electric Circuit Analysis</td><td>PCC</td></tr><tr><td>4</td><td>EE3364</td><td>Electrical Machines Laboratory-I</td><td>PCC</td></tr><tr><td>5</td><td>EE3365</td><td>Electric Circuits Laboratory</td><td>PCC</td></tr></tbody></table> | S. No. | Course Code | Course title | Category | 1 | EE3361 | Digital Logic Circuits | PCC | 2 | EE3362 | Electrical Machines-I- | PCC | 3 | EE3363 | Electric Circuit Analysis | PCC | 4 | EE3364 | Electrical Machines Laboratory-I | PCC | 5 | EE3365 | Electric Circuits Laboratory | PCC |
| S. No. | Course Code | Course title | Category | | | | | | | | | | | | | | | | | | | | | | |
| 1 | EE3361 | Digital Logic Circuits | PCC | | | | | | | | | | | | | | | | | | | | | | |
| 2 | EE3362 | Electrical Machines-I- | PCC | | | | | | | | | | | | | | | | | | | | | | |
| 3 | EE3363 | Electric Circuit Analysis | PCC | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EE3364 | Electrical Machines Laboratory-I | PCC | | | | | | | | | | | | | | | | | | | | | | |
| 5 | EE3365 | Electric Circuits Laboratory | PCC | | | | | | | | | | | | | | | | | | | | | | |
| | EEE : Semester IV | | | | | | | | | | | | | | | | | | | | | | | | |
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| S. No. | Course Code | Course title | Category | | | | | | | | | | | | | | | | | | | | | | |
| 1 | EE3461 | Electrical Machines- II | PCC | | | | | | | | | | | | | | | | | | | | | | |
| 2 | EE3462 | Transmission and Distribution | PCC | | | | | | | | | | | | | | | | | | | | | | |
| 3 | EE3463 | Measurements and Instrumentation | PCC | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EE3464 | Electrical Machines Laboratory-II | PCC | | | | | | | | | | | | | | | | | | | | | | |
| 5 | EE3465 | Measurements and Instrumentation Laboratory | PCC | | | | | | | | | | | | | | | | | | | | | | |
| | EIE : Semester III | | | | | | | | | | | | | | | | | | | | | | | | |
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| S. No. | Course Code | Course title | Category | | | | | | | | | | | | | | | | | | | | | | |
| 1 | EI3361 | Electron Devices and Circuits | PCC | | | | | | | | | | | | | | | | | | | | | | |
| 2 | EI3362 | Electrical and Electronic Instruments | PCC | | | | | | | | | | | | | | | | | | | | | | |
| 3 | EI3363 | Transducers Engineering | PCC | | | | | | | | | | | | | | | | | | | | | | |
| 4 | EI3364 | Measurements and Transducers Laboratory | PCC | | | | | | | | | | | | | | | | | | | | | | |
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| EIE : Semester IV | | | | | | | | | | | | | | | | |
|-------------------|---|--|----------|--|--------|----------------------------|------------|----------|---|--|-----|----|---|--|-------------|----|
| S. No. | Course Code | Course title | Category | | | | | | | | | | | | | |
| 1 | EI3461 | Electrical Machines | PCC | | | | | | | | | | | | | |
| 2 | EI3462 | Industrial Instrumentation-I | PCC | | | | | | | | | | | | | |
| 3 | EI3463 | Electronics for Analog Signal Processing | PCC | | | | | | | | | | | | | |
| 4 | EI3464 | Control Systems | PCC | | | | | | | | | | | | | |
| 5 | EI3465 | Microprocessors and Microcontrollers | PCC | | | | | | | | | | | | | |
| 6 | EI3466 | Electrical Machines and Control Systems Laboratory | PCC | | | | | | | | | | | | | |
| 7 | EI3467 | Linear and Digital Integrated Circuits Laboratory | PCC | | | | | | | | | | | | | |
| 8 | EI3468 | Microprocessors and Microcontrollers Laboratory | PCC | | | | | | | | | | | | | |
| FEE 3.02 | <p>Discussed and approved the Curriculum and Syllabi of PG Programmes of I to IV Semesters to be offered under new regulation R-2023.</p> <ol style="list-style-type: none"> M. E. - Power Systems M. E. - Control and Instrumentation Engineering | | | | | | | | | | | | | | | |
| FEE 3.03 | <p>Discussed and approved the B.E. Degree subjects for the other departments as per requests received from various HoD's in 2023 Regulations</p> <p>Semester I</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Course Code - Course title</th> <th>Department</th> <th>Category</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Basic Electrical and Instrumentation Engineering</td> <td>ECE</td> <td>ES</td> </tr> <tr> <td>2</td> <td>Basic Electrical and Electronics Engineering</td> <td>MDE & MECH.</td> <td>ES</td> </tr> </tbody> </table> | | | | S. No. | Course Code - Course title | Department | Category | 1 | Basic Electrical and Instrumentation Engineering | ECE | ES | 2 | Basic Electrical and Electronics Engineering | MDE & MECH. | ES |
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| 1 | Basic Electrical and Instrumentation Engineering | ECE | ES | | | | | | | | | | | | | |
| 2 | Basic Electrical and Electronics Engineering | MDE & MECH. | ES | | | | | | | | | | | | | |
| FEE 3.04 | Discussed and approved to CO & PO Mapping. | | | | | | | | | | | | | | | |
| FEE 3.04 | <p>The following points were suggested and implemented during the BoS meeting for UG Programme,</p> <ol style="list-style-type: none"> Applied Machine Learning subject may be included in the PCC category. Dept. of EIE - Logic and Distributed Control systems Subject in V Sem and Computer Control of Processes Subject in VII Sem may be combined in a single subject. Course Outcomes should be redefined/reformed with full consideration to achieve good attainments. Suggested to prepare minimum seven (07) course outcomes in Laboratory courses. | | | | | | | | | | | | | | | |



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5. Microprocessor and Microcontroller subject in IV semester, the order of the unit 3 and 4 should be changed.

The following points were suggested and implemented during the BoS meeting for PG Programme,

1. Suggested that advanced technology subjects like Machine learning, IOT etc., should be included in the first year.

Alamelu Nachiappan
University Nominee
Dr. Alamelu Nachiappan

Manamalli
3/13/2023
External Member
(Subject Expert)
Dr. D. Manamalli

Sharmeela
3/13/23
External Member
(Subject Expert)
Dr. C. Sharmeela

J. Balamurugan
2/12/2023
External Member
(Industry Expert)
Dr. J. Balamurugan

S. Shrivathsan
3/13/23
External Member
(Alumnus)
Mr. S. Shrivathsan

K. Elango
3/13/23
Internal Member
(Subject Expert)
Dr. K. Elango

R. Karthik
3/13/23
Internal Member
(Subject Expert)
Dr. R. Karthik

K. Ayyar
3/13/23
Internal Member
(Subject Expert)
Dr. K. Ayyar

S. Visalakshi
3/13/23
CHAIRMAN
BoS - EEE
Dr. S. Visalakshi