



MOHAMED SATHAK ENGINEERING COLLEGE

KILAKARAI – 623 806.



Approved by AICTE, DGS, COA & Accredited by NBA and Affiliated to Anna University Chennai

An ISO 9001:2008 Certified Institution

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

STUDENTS ACTIVITIES

INTERNSHIP / INPLANT TRAINING

| ACADEMIC YEAR | INTERNSHIP | IN PLANT TRAINING |
|---------------|-----------------|-------------------|
| | No. of Students | No. of Students |
| 2019 - 2020 | 10 | 10 |
| 2018 - 2019 | 15 | 15 |

2019 - 2020

| SNO | NAME OF THE COMPANIES | NO OF STUDENTS | |
|--------------|---|----------------|------------|
| | | IPT | INTERNSHIP |
| 1 | Pioneer power Ltd, Valuthur, Ramanathapuram. | 04 | 04 |
| 2 | Valuthur Gas Turbine power Station, Valuthur , Ramanathapuram. | 06 | 06 |
| TOTAL | | 10 | 10 |

2018 -2019

| SNO | NAME OF THE COMPANIES | NO OF STUDENTS | |
|--------------|---|----------------|------------|
| | | IPT | INTERNSHIP |
| 1 | Pioneer power Ltd, Valuthur, Ramanathapuram. | 02 | 02 |
| 2 | Valuthur Gas Turbine power Station, Valuthur , Ramanathapuram. | 13 | 13 |
| TOTAL | | 15 | 15 |

Industrial Visits**2019 - 2020**

| S.NO | DATE OF EVENT | TOPIC/COMPANY | NAME OF THE RESOURCE PERSON/DESIGNATION/COMPANY ADDRESS |
|------|---------------|---------------------------------|--|
| 1 | 26.1.2020 | THIRUVANANTHAPURAM POWER GRID | General Manager, power grid 400/220V substation,Thiruvananthapuram,kerala. |
| 2 | 09.08.2019 | 110KV/11KV,SUBSTATION,KILAKARAI | AssistantEngineer ,TNEB Substation,kilakarai,Ramanathapuram |
| 3 | 05.08.2019 | ARKAY POWER PLANT | General Manager,Arkey Power Plant Valuthoor,Ramanathapuram |

2018 - 2019

| S.NO | DATE OF EVENT | TOPIC/COMPANY | NAME OF THE RESOURCE PERSON/DESIGNATION/COMPANY ADDRESS |
|------|---------------|--|---|
| 1 | 25.02.2019 | Adani Green Energy Pvt.Ltd (TN), Kamuthi , Tamilnadu- 623603. | Manager (Public Relation) |

| | | | |
|---|------------|---|--|
| | | | Adani Green Energy Pvt.Ltd (TN), Kamuthi , Tamilnadu- 623603. |
| 2 | 11.01.2019 | Wonderla Bio Gas & Sewage Power Plant Kochi, Kerala | Plant Engineer (Operation) , Wonderla Bio Gas & Sewage Power Plant , Kochi, Kerala |
| 3 | 11.01.2019 | Mysore Electrical Industries Ltd, Mysore, Karnataka. | Public Relation Officer , Mysore Electrical Industries Ltd, Mysore, Karnataka. |

| Type of the programme | Date | Name of the resource person with designation | Title of the programme |
|----------------------------------|----------------------------|--|---|
| National level Technical Seminar | 24.8.2018 | Er.Sikkandhar Basha Assistant Engineer Gas turbine power plant, Vazhuthur | Retro trends in conventional Power plants |
| National level Technical Seminar | 14.09.2018 | Raja Pandian, Senior Software Engineer (FM), Gigamon Solution India Pvt Ltd, Teynampet, Chennai 600018 | Embedded Systems |
| Workshop | 24.02.2019 & 25.02.2019 | Mr.G.Prithviraj Core Research Group Engineer, Prolific systems & Technologies Pvt Ltd, Chennai | Hands on Training on PLC & SCADA |
| Seminar | 22.8.2019 | Dr.R.Priyatharshini Associate Professor SRM Easwari Engineering College Chennai | Power Industry Today |

| | | | |
|---------|-----------|--|---|
| Seminar | 20.9.2019 | Dr.H.Shankar KPR Institute of Engineering and Technology, Coimbatore | Grid Connected and standalone solar plant design using PV system |
| Seminar | 12.2.2020 | Dr.S.Albert Alexander Department of EEE, Kongu Engineering College | Intelligent control systems |

STUDENT'S PUBLICATIONS

UG

| S.No | Academic Year | National Conference | International Conference | International Journal | National Journal | Total |
|------|---------------|---------------------|--------------------------|-----------------------|------------------|-------|
| 1 | 2019-2020 | - | - | - | - | - |
| 2 | 2018-2019 | - | - | - | - | - |

| S.No | Academic Year | Workshop | Seminar | Symposium | Total |
|------|---------------|----------|---------|-----------|-------|
| 1 | 2019-2020 | 6 | 21 | 5 | 32 |
| 2 | 2018-2019 | 4 | 2 | - | 6 |

PG

| S.No | Academic Year | National Conference | International Conference | International Journal | National Journal | Total |
|------|---------------|---------------------|--------------------------|-----------------------|------------------|-------|
| 1 | 2019-2020 | - | 6 | - | - | 6 |
| 2 | 2018-2019 | - | 7 | 2 | - | 9 |

Sports

| SL.NO | ACADEMIC YEAR | NO OF STUDENTS PARTICIPATED |
|-------|---------------|-----------------------------|
| 1. | 2017-2018 | 11 |
| 2. | 2016-2017 | 08 |
| 3. | 2015-2016 | 16 |
| 4. | 2014-2015 | 17 |
| 5. | 2013-2014 | 18 |
| 6. | 2012-2013 | 16 |

2017-2018

| S.NO | DATE | NAME OF STUDENT | YEAR/SEM | NAME OF INSTITUTION | NAME OF EVENT | PRIZE WINNING STATUS |
|------|------------|-----------------|----------|--|---------------|--|
| 1. | 04.08.2018 | K.Vishwa | II/EEE | Mohamed Sathak Engineering College,Kilakarai | 5000 Mtrs | Third Place conducted by Ramanathapuram District Athletic Association |
| 2 | 27.12.2018 | A.Mohamed Nizam | III-EEE | Mohamed Sathak Engineering College,Kilakarai | Hockey | Represented for South zone inter university tournament by Anna university zone XIV |

2018-2019

| S.NO | DATE | NAME OF STUDENT | YEAR/SEM | NAME OF INSTITUTION | NAME OF EVENT | PRIZE WINNING STATUS |
|------|------------|-----------------|----------|--|---------------|---|
| 1. | 19.11.2018 | K.Vishwa | III/EEE | Mohamed Sathak Engineering College,Kilakarai | 1500 Mtrs | First Place conducted by Ramanathapuram Marathon Club |
| 2 | 02.02.2019 | A.Moahmed Nizam | IV-EEE | Mohamed Sathak Engineering College,Kilakarai | Hockey | Represented for interuniversity hockey tournament by Anna University Zone XIV |

2019-2020

| S.NO | DATE | NAME OF STUDENT | YEAR/SEM | NAME OF INSTITUTION | NAME OF EVENT | PRIZE WINNING STATUS |
|------|--------------------------------|-------------------|----------|--|---------------|--|
| 1. | 31.10.2019 to 02.11.2019 | S.Abul Jararudeen | III-EEE | Mohamed Sathak Engineering College,Kilakarai | Football | Represent for Indian Football team in Indo-Thailand International Championship held at Bang lamung(Thailand) |
| 2 | 09.11.2019 | S.Abul Jararudeen | III-EEE | Mohamed Sathak Engineering College,Kilakarai | Football | Selected for Algarve Sharks football club,Portugul |

Research and Development

BEST PROJECTS

LIST OF BEST PROJECTS

Best Projects - 2019 - 2020

| Sl.No. | Title of the project | Students Name | Projects Conducted At | Project Supervisor |
|--------|--|--|-----------------------|--------------------|
| 1. | RFID with password enabled protection to newborns in the hospitals including voice alert | Siyam Sundar. C Udaya Suriya .S Vijayaraj .M Jaswanth . S | In House | S.BOOBALAN |
| 2. | MEMS based hand gesture recognition for hospital automation | Abdul Ameer . M Mansur Aligan . A Dhivin Kumar . G Samsuluha .A | In House | A.MANJULA |

Best Projects - 2018 - 2019

| Sl.No. | Title of the project | Students Name | Projects Conducted At | Project Supervisor |
|--------|---|--|-----------------------|--------------------|
| 1. | Automated Urban drinking water supply control and water theft identification system | Diwan Mohamed M Navas Kadeer Ali A Raja C Kader Mohideen M | In House | P.Radha |
| 2. | Power management strategies of electrical vehicle charging station based grid tied PV - battery system. | Prosekhan M Muthukumar N Sathya S Kaviraj K Sathiesh Kumar V | In House | S.Chitra Devi |

BOOK PUBLICATIONS

BOOK PUBLISHED BY FACULTY MEMBERS (2020)

| S.No. | Name of the Faculty | Title of the Book | Name of the Publisher | Year of Publication |
|-------|----------------------|------------------------------|-------------------------|---------------------|
| 1. | S.Syed Musthafa Gani | Intellectual Property Rights | Charulatha Publications | 2020 |

BOOK PUBLISHED BY FACULTY MEMBERS (2019)

| S.No. | Name of the Faculty | Title of the Book | Name of the Publisher | Year of Publication |
|-------|--|---|--|---------------------|
| 1. | Dr.S.Boobalan S.Syed Musthafa Gani N.Ahamed Hussain Asif | Basic Electrical ,Electronics and Measurement Engineering Engineering | Sri Krishna Hi-Tech publishing company | 2019 |

BOOK PUBLISHED BY FACULTY MEMBERS (2018)

| S.No. | Name of the Faculty | Title of the Book | Name of the Publisher | Year of Publication |
|-------|--|---|-----------------------|---------------------|
| 1. | S.Chitra Devi, R.Niraimathi, A.Manjula, M.Shanthi | Basic Electrical, Electronics and Instrumentation Engineering | Maruthi Publications | 2018 |
| 2. | S.Chitra Devi, R.Niraimathi, A.Manjula | Basic Electrical and Electronics Engineering | Maruthi Publications | 2018 |

Sponsored Research – Completed

| Project Title | Funding Agency | Project Coordinator | Sanction Details | Duration & Status |
|---------------|----------------|---------------------|------------------|-------------------|
| NIL | NIL | NIL | NIL | NIL |

Grants Received

2019-2020

| Title of the Proposal | Funding Agency | Coordinators | Sanction Details | Status |
|-----------------------|----------------|--------------|------------------|--------|
| NIL | NIL | NIL | NIL | NIL |

2018-2019

| Title of the Proposal | Funding Agency | Coordinators | Sanction Details | Status |
|-----------------------|----------------|--------------|------------------|--------|
| NIL | NIL | NIL | NIL | NIL |