PERIYAR CENTENARY POLYTECHNIC COLLEGE

Periyar Nagar, Vallam - Thanjavur - 613 403

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING ACHIEVEMENTS AND ACTIVITIES REPORT 2020-2021

AWARDS & PRIZES

❖ FACULTY AWARD FOR 100 % RESULT

The following Staff Members have received the Certificate of Appreciation and cash award for 100% Result in Autonomous Examination.

| S.NO | SUBJECT | YEAR / SEM | NAME OF THE STAFF |
|------|-----------------------------------------------|------------|-------------------|
| 1 | Mobile Communication | III/VI | Dr.A.Hemalatha |
| 2 | Communication Engineering | II/IV | Ms.G.Roja |
| 3 | Embedded System | III/VI | Mr.Ramesh |
| | Linear Integrated Circuits | II/IV | |
| 4 | Computer Hardware Servicing and Networking | III/VI | Ms.G.Nageswari |
| | Digital Electronics | II/IV | |
| 5 | Industrial Electronics | II/IV | Ms.R.Rajeshwari |

BEST PAPER AWARD

8th ISTE TN Section Annual Polytechnic faculty convention in (online mode)

| S.No | Date | Name of the Staff | Title of the paper | Organiser |
|------|------------|----------------------------------|---------------------------------------------------------------|-------------------------------------------|
| 1 | 27.02.2021 | Dr.A.Hemalatha Vice-principal | Significance of Student Centered Learning (SCL) | Thiagarajar Polytechnic College, Salem |
| | | Ms.G.Roja Lecturer/ECE | and Social Emotional Learning(SEL) for future ready graduates | |

SHORT FLIM

The Students Won Prize in the Short Film Competition at Periyar Maniyammai Instituite os Science & Technology, Vallam 23.02.2020 & 24.02.2020.

| S.NO | NAME OF THE STUDENT | YEAR / SEM |
|------|---------------------|------------|
| 1. | B.Rajkumar | II /IV |
| | S.Srinath | |



FILM SHOW

*** PAPER PRESENTATION**

The following Students of Electronics and Communication Engineering submitted & presented papers at PERIYAR TECHNOMEET

| S.No | Date | Name of the Student | Year/Sem | Title of the paper |
|------|------------|-----------------------|----------|--------------------|
| 1 | 05.03.2021 | S.Soundarapandiyan | II/IV | Role of IOT in |
| | | A.Kinslein Raj Samuel | | Agricultural Field |
| 2 | | R.Vasantha Kumar | | |
| | | M.Mohammed Ameen | | |
| 3 | | S.Naveen Kumar | | |
| | | J.Arun kumar | | |
| 4 | | S.Junith Ahamed | | |
| | | A.Kathiravan | | |
| 5 | | A.Irfan Ali | | Green Energy |
| | | L.Dinesh Kumar | | |
| 6 | | R.Madhesh | | |
| | | V.Manikandan | | |
| 7 | | R.Shanmugam | | |
| | | S.Shanmugarajan | | |
| 8 | | R.U.Amirthavarshini | III/VI | Role of IOT in |
| 9 | | N.Shyamaladhevi | | Agricultural Field |

The following Students of Electronics and Communication Engineering submitted & presented papers in other colleges.

| S.NO | DATE | NAME OF THE STUDENT | YEAR /SEM | TOPIC | NAME OF THE COLLEGE |
|------|------------|------------------------|--------------|--------------------|------------------------|
| 2 | 04.01.2020 | B.Rajkumar | III/V | Nano Robots. | Kongunadu |
| | | S.Shiyamsundar | | | Polytechnic college |
| 3 | 01.02.2020 | B.Rajkumar | II/IV | Latest trends in | |
| | | S.Shiyamsundar | | wireless mobile | AdhiyamanPolytechnic |
| | | - | | communication (4G- | college |
| | | | | 5G) technologies | _ |

| | | R.K.Daniel S.Baranidharan R.U.Amirthavarshini N.Shyamala Devi | | Smart hospital using IoT Challenges in IoT networking Via TCP/IP Architecture | |
|---|------------|--------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------|-------------------------------------|
| | | P.Ganesh vikram D.Hariharan S.Gokul M.Govindaavasan | III/VI | An overview of 5G technologies. OLED-A ,odern diplay technologies | |
| 4 | 07.02.2020 | M.Mukilan R.Akash B.Vignesh C.Yogesh R.U.Amirthavarshini N.Shyamaladevi | II/IV | Nano Robots | Thiyagarajar Polytechnic college |
| | | P.Ganesh vikram D.Hariharan S.Gokul M.Govindaavasan R.Vanathi R.Dhivyapriyadharshini | III/VI | | |

PROJECT EXHIBITION

| S.No | Date | Name | Title of the Project | Name of the Institution |
|------|------------|--------------------|----------------------------|----------------------------|
| 1 | 23.01.2020 | B.Rajkumar | Non Compressor Air | PMIST, Vallam |
| | - | S.Shiyam Sundar | Conditioner | , |
| | 24.01.2020 | R.K.Daniel | | |
| | | A.Srinath | Radio Signal Finder | |
| | | D.Shyam | _ | |
| | | M.Manikandan | | |
| | | K.Yuvaraja | Water Pollution Controller | |
| | | V.Akash | | |
| | | S.Pragadeeswaran | | |
| | | R.Abineshwaran | Embedded based Air to | |
| | | B.Sivaji | Water Converter for | |
| | | Nitish Laiphrakpam | Embedded based Women | |
| | | G.Kousik | Safety | |
| | | S.Gokul | IoT Based Agriculture | |
| | | M.Govindaavasan | Monitoring System | |
| | | S.Sangavi | | |
| | | R.Dhiviya | IoT based Safety System | |
| | | Priyadharshini | | |
| | | R.Vanathi | | |

| | | D.Hariharan | IOT based Garbage | |
|----|------------|--------------------------------|-------------------------|------------------|
| | | P.Praveen | Monitoring System | |
| | | K.Santhosh Kumar | Embedded based Fully | - |
| | | G.Kannan | Automated Solar Grass | |
| | | O.Txumum | Cutter | |
| 2 | 01.02.2020 | B.Rajkumar | Non Compressor Air | Adiyamaan |
| _ | 0110212020 | S.Shiyam Sundar | Conditioner | Polytechnic |
| | | S.Gokul | IOT based Garbage | College, Hosur |
| | | M.Govindaavasan | Monitoring System | |
| | 15.02.2020 | J.Robert Leo | Embedded based Air to | JEYAM College of |
| 3. | 13.02.2020 | R.Abineswaran | Water Converter for | Engineering, |
| | | R.Vivekram | Embedded based Women | Dharmapuri |
| | | Nithish Laiphrakpam | Safety Device With GPS | |
| | | M.Govindaavasan | IoT Based Smart | |
| | | M.Yazar Arafeth | Agriculture Monitoring | |
| | | S.Naveen | IOT based Garbage | - |
| | | P.Sivanesan | Monitoring System | |
| | | P.Ganesh Vikram | Embedded based Air to | - |
| | | J.Robert Leo | Water Converter for | |
| | | R.Abineswaran | Drinking | |
| | | B.Sivaji | Dillikilig | |
| | | R.Vivekram | Embedded based Women | _ |
| | | M.Sivamoorthy | Safety Device With GPS | |
| | | • | 1 | |
| | | Nitish Laiphrapham G.Kousik | Alarm System | |
| | | M.Govidaavasan | IoT Based Smart | _ |
| | | | | |
| | | M.Yazar Arafeth | Agriculture Monitoring | |
| | | D.Yuvan Sathya | System | |
| | | S.Sangavi | 1 m1 1 g c . | - |
| | | R.Akash | IoT based Safety System | |
| | | R.Vanathi | and Securely Prevent | |
| | | R.Dhiviyapriyadharshini | Unauthorized QR Code | - |
| | | D.Hariharan | IOT based Garbage | |
| | | P.Praveen | Monitoring System | |
| | | S.Naveen | | |
| | | P.Sivanesan | | |
| | | B.M.Jeyakrishna | IOT Based Industrial | |
| | | A.Gunalan | Protection System | |
| | | A.Ezhilan | | |
| | | S.Dhinesh | | |
| | | A.Imran Basith | Embedded Based Bionic | |
| | | K.Rengaraj | Arm for Physically | |
| | | P.Vignesh | Challenged People | _ |
| | | V.Kavirajan | IOT based Flood | |
| | | V.Keerthivasan | Monitoring | |
| | 1 | 1 | <u> </u> | |

| | | K.Rajarajan | | |
|----|------------|------------------------------------------|--------------------------|--------------------|
| | | C.Manikandan | Embedded based Fully | |
| | | S.S.Ruthran | Automated Solar Grass | |
| | | M.Venkateswaran | Cutter | |
| | | G.Kannan | | |
| | | K.Malavan | IOT Based Laser Checking | |
| | | P.Prathap | Emission Speed Control | |
| | | R.Mosesraj | System | |
| | | R.Sathish | System | |
| 4. | 21.02.2020 | P.Ganesh Vikram | Embedded based Air to | NPR College of |
| | 21.02.2020 | B.Vijay | Water Converter for | Engineering and |
| | | J. J | Drinking Drinking | Technology, |
| | | R.Vivekram | Embedded based Women | Dindigul |
| | | Nitish Laiphrakpaham | Safety Device With GPS | |
| | | Tittish Zaipinanpanani | Alarm System | |
| | | M.Govindaavasan | IoT Based Smart | |
| | | M.Yazar Arafeth | | |
| | | Wi. i azai Araicui | Agriculture Monitoring | |
| | | D 41 1 | System | |
| | | R.Akash | IoT based Safety System | |
| | | M.Sivamoorthy | and Securely Prevent | |
| | | | Unauthorized QR Code | |
| | | D.Hariharan | IOT based Garbage | |
| | | P.Praveen | Monitoring System | |
| | | A.Ezhilan | IOT Based Industrial | |
| | | S.Dinesh | Protection System | |
| | | A.Imran Basith | Embedded Based Bionic | |
| | | S.Kishore | Arm for Physically | |
| | | | Challenged People | |
| | | V.Keerthivasan | IOT based Flood | |
| | | J.Robert Leo | Monitoring | |
| | | S.S.Ruthran | Embedded based Fully | |
| | | G.Kannan | Automated Solar Grass | |
| | | | Cutter | |
| | | K.Malavan | IOT Based Laser Checking | |
| | | P.Prathap | Emission Speed Control | |
| | | | System | |
| 5. | 28.02.2020 | J.Robert Leo | Embedded based Air to | Trichy Engineering |
| | | R.Abineswaran | Water Converter for | College, Trichy |
| | | | Drinking | |
| | | G.Kousik | Embedded based Women | |
| | | M.Sivamoorthy | Safety Device with GPS | |
| | | | Alarm | |
| | | M.Gokul | IoT Based Smart | |
| | | M.Yazar Arafeth | Agriculture Monitoring | |
| | | 1.1.1 4241 1 1141041 | System | |
| | | | System | |

| | | R.Vanathi | IoT based Safety System | |
|---|------------|------------------------|----------------------------------------------|-------------------|
| | | S.Sangavi | IoT based Safety System and Securely Prevent | |
| | | S.Sangavi | _ | |
| | | D.H. 'I | Unauthorized QR Code | |
| | | D.Hariharan | IOT based Garbage | |
| | | S.Naveen | Monitoring System | |
| | | A.Ezhilan | IOT Based Industrial | |
| | | S.Dinesh | Protection System | |
| | | R.Arockia Georgebush | Embedded Based Bionic | |
| | | S.Kishore | Arm for Physically | |
| | | | Challenged People | |
| | | V.Keerthivasan | IOT based Flood | |
| | | A.Imran Basith | Monitoring | |
| | | S.S.Ruthran | Embedded based Fully | |
| | | G.Kannan | Automated Solar Grass | |
| | | | Cutter | |
| | | K.Malavan | IOT Based Laser Checking | |
| | | R.Mosesraj | Emission Speed Control | |
| | | | System | |
| 6 | 19.03.2021 | S.Srinath | Asset Tracking | Periyar Centenary |
| | | S.Baranidharan | System Using IoT | Polytechnic |
| | | S.Madhan | | College, Vallam |
| | | S.Vellusamy | | |
| | | S.Vijaya Kumar | | |
| | | M.Mukilan | | |
| | | S.Saran | Farm Protector Drone | |
| | | N.Gopi S.Manikandan | Using ARDUINO | |
| | | P.Ramesh | | |
| | | P.Vetrivel | | |
| | | S.Shyam Sundar | Double Collector Solar | |
| | | J.Abinash | Dryer for Agricultural | |
| | | K.Gunalan | Products | |
| | | Y.Krishanth | | |
| | | S.Vasantha Kumar | | |
| | | C.Yogesh | | |
| | | R.U.Amirthavarshini | Soldiers Tracking System | |
| | | B.V.Pavithra | Using GPS & GSM | |
| | | A.Sarojini | Modem | |
| | | N.Shyamaladhevi | Social Distancina | |
| | | D.Shyam R.Akash | Social Distancing | |
| | | V.Saminathan | & Monitoring Robot | |
| | | R. Veerapandiyan | For Queue Using IoT | |
| | | M.Guru Moorhi | | |
| | | B.Vino Bala | | |
| | | R.Praveen Raj | Temperature & Mask | |
| | | K.Kaviyarasan | Scan Entry System For | |
| 1 | | IX.IXaviyarasan | Scan Entry System For | |

| B.Vishwathma | IoT | |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--|
| V.Akash | | |
| P.Ranjith Kumar | | |
| B.Rajkumar K.Yuvaraja A.Arun S.Pragadeeshwaran S.Shanmuga Prabhu M.Bhuvaneshwaran | Intelligence Surveillance And Night Patrolling Drone Camera Using IoT | |
| R.K.Daniel M.Abimanyu S.Ganesh A.Kavinesan M.Manikandan C.Sanjay | Wireless Cellphone Detection System Using RF Technology | |

Idea Spark 2020-2021

| S.No | Date | Name | Project Title | Venue |
|------|------------|--------------------------------------------------------|---------------------------------------|-------------|
| 1 | 07.11.2020 | B.V.Pavithra R.U.Amirthavarshini N.Shyamaladhevi | Fully Automated Solar Grass Cutter | IIT, Madras |

***** AUTONOMOUS RESULTS

IV SEMESTER – APRIL 2020

| SL. NO | SUBJECT | REGISTERE D | PASS | FAIL | %OF PASS | STAFF NAME |
|-----------|--------------------------|----------------|------|------|-------------|------------------|
| 1 | Industrial Electronics | 46 | 46 | - | 100 | Ms. R.Rajeshwari |
| 2 | Communication | 46 | 46 | - | 100 | Ms.G.Roja |
| 2 | Engineering | | | | | |
| 3 | Digital Electronics | 46 | 46 | - | 100 | Ms.G.Nageswari |
| 4 | Linear Integrated | 46 | 46 | - | 100 | Mr.M.Ramesh |
| 4 | Circuits | | | | | |
| | Industrial Electronics & | 46 | 46 | - | 100 | Ms.G.Nageswari |
| 5 | Communication | | | | | |
| | Engineering Practical | | | | | |
| 6 | Integrated Circuits | 46 | 46 | - | 100 | Ms.G.Roja |
| 0 | Practical | | | | | Ms. R.Rajeshwari |
| 7 | Life and Employability | 46 | 46 | - | 100 | Ms.Uma |
| ' | Skills Practical | | | | | |

Appeared : 46 Passed : 46

Failures : -- $Overall\ Percentage-100\ \%$

VI SEMESTER -- APRIL 2020

| SL. NO | SUBJECT | REGISTERE D | APPEARE D | PAS S | FAI L | % OF PASS | STAFF NAME |
|-----------|----------------------|----------------|--------------|----------|----------|-----------------|---------------|
| 1 | Embedded Systems | 59 | 59 | 59 | _ | 100 | Mr.M.Ramesh |
| | Computer Hardware | 59 | 59 | 59 | - | 100 | Ms.G.Nageswar |
| 2 | Servicing and | | | | | | i |
| | Networking | | | | | | |
| 3 | Mobile | 59 | 59 | 59 | - | 100 | Dr.A.Hemalath |
| 3 | Communication | | | | | | a |
| 4 | Embedded Systems | 59 | 59 | 59 | - | 100 | Mr.M.Ramesh |
| 4 | Practical | | | | | | |
| | Computer Hardware | 59 | 59 | 59 | - | 100 | Ms.G.Roja |
| 5 | Servicing and | | | | | | Ms. |
| | Networking Practical | | | | | | R.Rajeshwari |
| | Advanced | 59 | 59 | 59 | - | 100 | Ms. |
| 6 | Microcontroller & | | | | | | R.Rajeshwari |
| | Simulation Practical | | | | | | Ms.R.Yasika |
| 7 | Project Work | 59 | 59 | 59 | - | 100 | All staff |
| | | | | | | _ | memebers |

Appeared : 59 Overall Percentage - 100 %

Passed : 59

Failures : --

❖ PLACEMENT DETAILS 2020 – 2021

| S.No | NAME | COMPANY NAME |
|------|-----------------------------------------------------------------------------------------------|--------------------------------|
| | Arun A Daniel R K Kaviyarasan K Mukilan M Sarojini A Shiyam Sundar S Shyam D Shyamala Dhevi N | > Apollo Tyres, Chennai |
| 2 | Vinobala B Arun A Kaviyarasan K Mukilan M | > AXLES India Limited, Chennai |

| 3 | Saran S | |
|---|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| | Arun A Vinobala B Veerapandiyan R Kaviyarasan k Yuvaraja K Amirthavarshini R.U Pavithra B.V Sarojini A Shyam D Shyam Sundar S | ➤ LUCUS-TVS, Pondicherry |
| 4 | Amirthavarshini R.U Pavithra B.V Sarojini A Saran S Arun A Veerapandiyan R Kaviyarasan K Shyam D Shyam Sundar S Akash V Bhuvaneswaran M | > TVS-TS, Chennai |
| 5 | Amirthavarshini R.U Pavithra B.V Sarojini A Shyamala Dhevi N Arun A Mukilan M | Nokia Solutions, Chennai |
| 6 | Saran S Madhan S Pavithra B.V Sarojini A | > SREE Engineering Solutions, Chennai |
| 7 | Amirthavarshini R.U Shyamala Dhevi N Arun A Rajkumar B Akash V Pavithra B.V Kaviyarasan K Shyam D Mukilan M | Sakthi Auto Components Limited (SACL), Coiambatore |

*** PARENT-TEACHERS MEETING**

❖ Parents Teachers meeting was held on 10.01.2020 Parents participated in the meeting and students performance was reviewed.







***** CONTINUING EDUCATION

| SL.NO | YEAR/ SEM | COURSES | DURATION |
|-------|-----------|---------------------------|------------|
| 1 | II/IV | ORCAD Capture PCB Circuit | 16.02.2020 |
| | | Design | to |
| 2 | III/VI | ARDUINO with Robotics | 15.03.2020 |

***** EMDP

| SL.N | YEAR/ | DATE | TOPIC | RESOURCE PERSON |
|------|--------|------------|----------------------|------------------------|
| О | SEM | | | |
| 1. | III/V | 07.01.2021 | Applications of | S.Aravind Kumar |
| | | | ARDUINO Controller | Senior Project Manager |
| | | | | Pantech ProedPvt Ltd., |
| | | | | Trichy 620018 |
| 2. | II/III | 08.01.2021 | Household Appliances | S.M.Sethupathy |
| | | | and Servicing | Embedded Developer |
| | | | | Logiczen Carrier |
| | | | | Development Center, |
| | | | | Thanjavur-613005 |



❖ DEPARTMENT ASSOCIATION ACTIVITIES- SMATRONICS ASSOCIATION STUDENTS SEMINAR

III Year

| SL.NO | ACTIVITY | DATE |
|-------|------------------|-------------|
| 1 | Quiz | 23.01.2020 |
| | | 24.01.2020 |
| | | 01.02.2020 |
| 2. | E-Quiz | 08.06.2020- |
| | | 12.06.2020 |
| 2 | Skill Test | 29.01.2020 |
| 3 | Seminar | 15.02.2020 |
| 4 | Group Discussion | 27.02.2020 |

II-Year

| SL.NO | ACTIVITY | DATE |
|-------|---------------------|-------------|
| 1 | Seminar | 10.02.2020 |
| 2 | Quiz | 08.06.2020- |
| | | 12.06.2020 |
| 3 | Aptitude Test | 20.02.2020 |
| 4 | Communication Skill | 05.03.2020 |

❖ GUEST LECTURE

| SL.N O | DATE | YEAR/ SEM | NAME & ADDRESS OF THE EXPERTS | ТОРІС |
|-----------|------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| 2 | 06.02.2020 | II/IV | Mr.Aaudaiyappan Pantech Proed Private Limited 22/C 82,4 Th Cross Near Vinayagar Temple, Thillainagar East, Trichy -620 018 | Application using Arduino Controller |
| 3 | 10.02.2020 | III/V | Mr.M.Appas Asquar Systems,Trichy | Advanced Microcontroller |
| 4 | 05.01.2021 | III/V | Mr.M.Gunasekaran DGM (Rtd) BSNL Thanjavur-613007 | Cellular Communication (Online) |
| 5 | 06.01.2021 | II/III | Mr.S.Dhanasekaran Professor/EEE NITTTR, Chennai-600113 | Electronic Components and its Applications (Online) |
| 6 | 25.01.2021 | II/IV | Mr.G.M.Prabu Prasar Tech Solutions PVT Ltd MC Road Thanjavur-613007 | Applications of LED's (Online) |
| 7 | 27.01.2021 | III/VI | Mr.M.Appas Project Manager Asquar System Trichy | Applications of Advanced Microcontroller (Online) |
| 8 | 05.02.2021 | II/IV | Mr.N.Santhosh Kumar Project Engineer Pantech Solutions Pvt. Ltd., Trichy-620018 | Introduction to PLC and its Applications (Online) |

❖ WEBINAR

| S. No | Date | Delivery Platform | Programme Topic | Resource Person Name | No. of Participants Registered |
|----------|------------|----------------------|--------------------|-------------------------|--------------------------------------|
| 1 | 15.06.2020 | Zoom | Product | Er.S.M.Sethupathi | 40 |
| | | | Development | Embedded | |
| | | | & innovation | Developer | |

| | | | using | Logiczen Career | |
|---|------------|--------|----------------|--------------------|----|
| | | | Embedded | Development | |
| | | | Systems | Centre, Thanjavur. | |
| 2 | 19.06.2020 | Google | Application of | Dr.G.Gandhimathi | 48 |
| | | Meet | 6G Communi | Alumni ECE | |
| | | | cation | Lecturer / ECE | |
| | | | | NIT, Trichy | |
| 3 | 18.09.2020 | Google | EDII HUB | Mr.M.Martin | 22 |
| | | Meet | SASTRA- | Field Co-ordinator | |
| | | | Student | IEDP-EDII HUB | |
| | | | Innovators-20 | | |

❖ INDUSTRIAL VISIT



| SL.NO | DATE | YEAR/ SEM | COURSES |
|-------|------------|-----------|------------------------------------------------------------|
| 1 | 08.01.2020 | III/VI | Siemens Center of Excellence in Manufacturing, NIT, Trichy |
| 2 | 14.02.2020 | II/IV | PLC Centre, PMIST, Vallam |

***** WORKSHOP

For the following students attended the Skill Development Workshop at at Periyar Maniammai Institute of Science & Technology on 27.02.2020 & 28.02.2020.

| No. | Name of the student | Year/sem | Title |
|-----|---------------------|----------|------------------|
| 1 | R.K.Daniel | II/IV | Embedded Systems |
| | | | and Robotics |
| 2 | B.Rajkumar | | |
| 3 | C.Sanjay | | |
| 4 | S.Shyamsundar | | |
| 5 | R.Vignesh | | |
| 6 | R.U.Amirthavarshini | | |
| 7 | M.Bhuvaneshwaran | | |
| 8 | M.Mukilan | | |
| 9 | N.Shyamaladevi | | |

| 10 | C.Yogesh | | |
|----|---------------------|--------|--|
| 11 | R.Dhivyapriyarshini | III/VI | |
| 12 | M.Govindavasan | | |
| 13 | A.Gunalan | | |
| 14 | P.Praveen | | |
| 15 | S.Sangavi | | |
| 16 | R.Vanathi | | |
| 17 | K.Karthik | | |
| 18 | K.Santhoshkumar | | |
| 19 | B.Shivaji | | |
| 20 | D.Yuvansatha | | |

❖ STAFF DEVELOPMENT

STAFF DEVELOPMENT PROGRAMMES

| S.NO | DURATION | NAME OF THE STAFF | TOPIC | VENUE |
|------|--------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 1 | 08.06.2020 - 14.06.2020 | Ms.G.Roja Mr.M.Ramesh Ms.G.Nageswari Ms.R.Rajeswari | ICP Tools for Effective Teaching and Learning | Murugappa Polytechnic College, Avadi Chennai |
| 2 | 05.06.2020 | Ms.R.Rajeshwari | Quiz program on Basics of Electrical Drives Control | Rajagopal Polytechnic College Gudiyatham |
| 3 | 15.06.2020 | Dr.A.Hemalatha/HOD/ECE Ms.G.Roja, Lect/ECE Mr.M.Ramesh, Lect/ECE Ms.G.Nageswari, Lect/ECE | Product Development and Innovation using Embedded System | Logiczen Career Development Center |
| 4 | 12.10.2020 to 16.10.2020 | Ms.G.Roja | Advanced Pedagogy | National Institute of Teachers Training and |
| 5 | 17.02.2021 to 22.02.2021 | Dr.A.Hemalatha Vice- Principal Ms.G.Roja Lect/ECE | Internet of Things | Siemens Centre of Excellence, National Institute of Technology (NIT), Trichy |

INDUSTRIAL TRAINING

| S.No | Date | Staff Name | Topic | Industry |
|------|----------------------------|---------------------------|-------------------------------------------|-----------------|
| 1. | 14.07.2020 - 03.08.2020 | Ms. G.Roja Lectuer/ECE | Communication and Networking Technologies | BSNL, Thanjavur |

Two day International Conference on Innovative Technologies in Electronics and Health Care -2019

| S.No | Date | Title of the paper | Name of the Staff | Organiser |
|------|------------|------------------------------------------|----------------------|-----------|
| 1 | 12.03.2019 | Performance evaluation of Peak to | Dr.A.Hemalatha | PMIST, |
| | to | Average Power ratio reduction technology | HOD/ ECE | Vallam |
| | 13.03.2019 | in orthogonal Frequency division | Ms.G.Roja | |
| | | multiplexing for improved wireless | Lect/ECE | |
| | | communication | | |

Twenty Seventh IEI Convocation and Technicians / Students Convention

| S.No | Date | Title of the Paper | Name of the Faculty | Organizer |
|------|------------|------------------------|---------------------|---------------|
| 1 | 09.11.2019 | Smart Dustbin with IoT | Dr.A,Hemalatha | IEI Rajasthan |
| | to | Notification | HOD/ECE | State Centre, |
| | 10.11.2019 | | Ms.G.Roja | Gandhi Nagar, |
| | | | Lect/ECE | Tonk Road, |
| | | | | Jaipur |

49th ISTE National Annual Faculty Convention – Siksha "O" Anusandhan Deemed to be University Campus, Bhubaneswar during 29th- 30th November 2019

| S.No | Date | Name of the Staff | Title of the paper | Organiser |
|------|--------------------------------|------------------------------------------|------------------------------------------|-------------------------------------------------------------------|
| 1 | 29.11.2019 to 30.11.2019 | Dr.A.Hemalatha, Ms.G.Roja Mr. M.Ramesh | Quality Assurance in Technical Education | Siksha "O" Anusandhan Deemed to be University Campus, Bhubaneswar |

35TH Indian Engineering Congress – Conference under the theme of Engineering 35TH Indian Engineering Congress – Conference under the theme of Engineering for Self reliance and Sustainable goals (Online)

| S.No | Date | Name of the Staff | Title of the paper | Organiser |
|------|------------|----------------------|------------------------------|--------------------------|
| 1 | 18.12.2020 | Ms.G.Roja | IOT based Smart Agricultural | Institution of Engineers |
| | to | Lect/ECE | Monitoring System | (India), Kolkatta |
| | 20.12.2020 | Mr.M.Ramesh | | |
| | | Lect/ECE | | |

8th ISTE TN Section Annual Polytechnic faculty convention in (online mode)

| S.No | Date | Name of the Staff | Title of the paper | Organiser |
|------|------------|---------------------------------|-----------------------------------------------|-------------------------------------------|
| 1 | 27.02.2021 | Mr.M.Ramesh Lecturer/ECE | Innovative Methodology for Effective Teaching | Thiagarajar Polytechnic College, Salem |
| | | Ms.R.Rajeshwari Lecturer/ECE | Learning Process | |

National Virtual Conference on Automation, Robotics, Artificial Intelligence and Mechatronics

| S.No | Date | Name of the Staff | Title of the paper | Organiser |
|------|------------|---------------------------|------------------------------------|--------------|
| 1 | 19.03.2021 | Dr.A.Hemalatha HOD/ECE | IOT for Day to Day Applications | SSN, Chennai |
| | | Ms.G.Roja Lecturer/ECE | | |

Ph.D Registration by Faculty

The following Faulty members joined in Part Time Ph.D Program

| S.No | Name of the Faculty | Title of Research | Year of | University |
|------|---------------------|------------------------------|---------|------------------|
| | | | Joining | |
| 1 | Ms.G.Roja Lect/ECE | Compact Low Profile Meta | 2021 | Anna University, |
| | | Material inspired Wearable | | Chennai |
| | | Antenna for Cancer Detection | | |

***** EXTRA CURRICULAR ACTIVITIES

❖ National Cadet Corps (NCC)

The following students attended the NCC Camp

| Sl.No. | Date | Name | Year/Sem | Place |
|--------|------------|-------------------|----------|----------------------|
| 3. | 09.01.2020 | S.Thangaprakasam | III/VI | Periyar Maniammai |
| | _ | M.Praveenkumar | II/IV | University Thanjavur |
| | 23.01.2020 | B.Abimanyu | | AAC Camp |
| 4. | 22.01.2020 | B.V.Pavithra | II/IV | Periyar Maniammai |
| | _ | R.Vanathi | III/VI | University Thanjavur |
| | 31.01.2020 | S.Sangavi | | ATC Camp |
| | | R.Dhivyadharshini | | |
| 5. | 22.01.2020 | S.Thangaprakasam | III/VI | Thathanur, Ariyalur |
| | _ | M.Praveenkumar | II/IV | QTC Camp |
| | 31.01.2020 | B.Abimanyu | | |
| 6. | 25.01.2020 | S.Thangaprakasam | III/VI | Periyar Maniammai |
| | | | | University Thanjavur |
| | | | | AAC Camp |
| 7. | 01.02.2020 | M.Praveenkumar | II/IV | |
| | | B.Abimanyu | | FIRING CAMP |

| | 8. | 08.02.2020 | M.Praveenkumar | II/IV | Ncc Unit, Trichy | |
|---|----|------------|------------------|--------|---------------------|--|
| | | | B.Abimanyu | | | |
| | 9. | 14.02.2020 | S.Thangaprakasam | III/VI | Kumbakonam | |
| | | 15.02.2020 | M.Praveenkumar | II/IV | NCC 'B" Certificate | |
| | | | B.Abimanyu | | Exam | |
| ١ | | | | | | |

***** Prizes won in Competitions

Date: 18.12.2020 & 19.12.2020

| S.NO. | NAME | YEAR/SEM | EVENT | PLACE | |
|-------|---------------------|----------|-------------|----------|--|
| 1 | K.Rengaraj | III/VI | 400 mts | II Place | |
| 2 | K.Rengaraj | III/VI | 1000mts | II Place | |
| 3 | T.Ranjithkumar | II/IV | Longjump | II Place | |
| 4. | T.Ranjithkumar | II/IV | Highjump | I Place | |
| 5 | S.Thangaprakasam | III/VI | 4x100 mts | II Place | |
| | S.Kishore | | | | |
| | K.Rengaraj | | | | |
| | K.Vinobala | II/IV | 7 | | |
| 6. | R.Abineshwaran | III/VI | Ball | Winner | |
| 0. | | 111/ V I | Batminton | w milei | |
| | T.Arun | | Datiminton | | |
| | B.Jeykrishna | | | | |
| | T.Ranjithkumar | II/IV | | | |
| | K.Kaviyarasan | | | | |
| 7 | S.Karunakaran | III/VI | Ball | Runner | |
| | K.Siranjeevi | | Batminton | | |
| | Nithish Laiphrakpam | | | | |
| | S.Sakthi | | | | |
| 8. | K.Gunalan | III/VI | Volley Ball | Runner | |

***** ENVIRONMENT DEVELOPMENT

> PERIYAR BIRTHDAY CELEBRATION

Tree plantation on 17.09.2020

HEAD OF THE DEPARTMENT/ECE

PERIYAR CENTENARY POLYTECHNIC COLLEGE PERIYAR NAGAR-VALLAM- THANJAVUR

| $\mathbf{D}\mathbf{D}$ | ARTMENT | OE E | I ECTDA | ANITA'S A | | | I ENICH | NIEEDING |
|------------------------|------------|------|---------|-----------|------|-------|----------|----------|
| DEF | ANTIVICINI | OF E | LECTIV | MIUOB | MD C | CALIO | N DINCTH | NECKING |

ACHIEVEMENTS

2020-2021