

Virudhunagr S.Vellaichamy Nadar Polytechnic College(Autonomous)
Virudhunagar - 626 001
Department of Electrical and Electronics Engineering

The following activities were conducted during the period of March 2020 to February 2021 in EEE dept.

Activity (course/Webinar/workshop)	Period	Particulars	Remark/Prize won
Space Expo by IPRC-ISRO Govt 2020	27.02.20	Organized by ISRO in Valliammal Engg College, Madurai	Participated Mr.P.Jeyankondan
ITI students industry visit program in our electrical machines laboratory	02.03.20	Organized by EEE dept.VSVNPC	Incharge -HOD/EEE Mr.A.Chandra mohan Mr.D.Sarvanakumar Mr.P.Thirumurugan
Orientation programme for arduino based project for all branch III year students	19.01.21 20.01.21 21.01.21	Organized by VSVNPC R&D Centre	Head & Organizer Mr.P.Pandimuni Supporting Faculty Mrs.S.A.Amutha Mr.p.Kartheesh Mr.A.Bilal Mr.S.I.Thangaraj
Internship programme on "maintenance of Home Appliances and Servicing" for "VVV College students"	22.01.21 to 26.01.21 & 02.02.21 to 06.02.21	Organized by EEE dept.VSVNPC	Course coordinator Dr.K.Mareesan Supporting Faculty Mr.S.Balamurugan Mr.P.Jeyankondan
Industrial training on "Communication and Networking Technologies"	30.06.20 to 20.07.20	RGMTTC,BSNL	Dr.S.Jawahar
12 weeks course on "Non-conventional energy resources"	Jan 20 to April 20 (12 weeks)	Organized by NPTEL,IIT,Chennai	Mrs. B.Nirmala
Industrial training on "Communication and Networking Technologies"	30.06.20 to 20.07.20	Organized by RGMTTC,BSNL	MrsB.Nirmala
First International Virtual Conference on "Advanced Materials and Manufacturing Process", Organized by Kalasalingam Academy of Research	20.06.2020 June 2020	"Advanced Materials and Manufacturing Process" ISBN:978-93-90082-27-8	MrsB.Nirmala

and Education. Paper Title- "Process control and Automation Implemented at RAMCO cements for Energy Management".			
12 weeks course on "Non-conventional energy resources"	jan 20 to April 2020	Organized by NPTEL,IIT,Chennai	Dr.K.Mareesan
Short term course on "Household Electrical devices"	20.04.20 to 21.04.20	AVS College, Salem	
Short term course on "Power Electronics for Power System Short term course on "Household Electrical devices"	25.05.20 to 29.05.20	Nitttr, Kolkatta	
Short term course on "Renewable Energy Technologies, Integration to the Power grid"	28.05.20 to 01.06.20	Sri Sai Ram Inst. of Tech.	
Short term course on "Programming in MATLAB"	08.06.20 to 12.06.20	Nitttr, Chandigargh	
Short term course on "Role of Automation Techniques in Electrical Engg"	15.06.20 to 19.06.20	St.Joseph College of Engg.	
Short term course on "Real world applications of MC"	15.06.20 to 19.06.20	Nitttr, Chandigargh	
Short term course on "MATLAB Programming"	22.06.20 to 26.06.20	GCT, Coimbatore	
Short term course on "IoT Applications – Refresher course"	08.07.20 to 19.07.20	Nitttr, Chandigargh	
Short term course on "Electric Vehicle, series -1"	03.08.20 to 08.08.20	SCE, Kottayam	
Short term course on "Electric Vehicle, series -2"	14.09.20 to 19.09.20	SCE, Kottayam	
Short term course on "IOT"	07.09.20 to 11.09.20	SIT, Chennai	
Short term course on "IOT"	19.10.20 to 23.10.20	TCE, Madurai	
Short term course on "Enhancement of Data Analytics"	30.11.20 to 12.12.20	KLNCE, Madurai	

Paper presentation on "Green manufacturing practice followed in RAMCO Cements, 1st International Virtual Conference on Advanced materials and Manufacturing process"	20.06.20	Kalasalingam Academy of Research and Education, Krishnankoil, Virudhunagar Dt.	Dr.K.Mareesan
Paper published on "Investigation on Charge and Discharge curve and polarization curve of rechargeable batteries to suggest its suitability for Electric Vehicle"	Dec' 20	The Institution of Engineers(India)z, Vol.: 04, pp – 64 – 69, Dec. 2020,	
Industrial training	01.06.20 to 19.06.20 - 3 weeks	"BSNL, Virudhunagar"	
Review of reserch papers on Assessment of Awareness and Knowledge of impacts of Electricity use behavior among higher education residence students in Nigeria – JENRR_61052, Sep.2020	Sep.2020	Journal of Energy Research and Reviews	
Review of reserch papers on Optimal Placement and Sizing of Capacitors in Radial Distribution System: A Two stage method – JERR_62572, Oct.2020	Oct.2020	Journal of Engineering Research and Reports	
Patent Grant Design of Self Supervisory Target Painting Drone[SSTD] Patent no.: 2020103342, 8 years from 10 th November 2020	10.11.20	Australian Government	
Wellness and stress management during the pandemic	27.04.20 to 01.05.20	NITTTR, Chandigarh	Mrs.K.Valarmathi
Matlab programming	11.05.20 to 15.05.20	NITTTR, Chandigarh	
Machine Learning & Deep Learning Techniques with its Applications	18.08.20 to 22.08.20	Rajasthan Technical University, Kota Poornima College of Engineering, Jaipur	

Writing and Publishing high impact research publications and Scientific Documents	21.09.20 to 26.09.20	Rajalakshmi Engineering College, Chennai	Mrs.S.A.Amutha
Correlation Based Brightness Preserving Adaptive Image Contrast Enhancement		Tierärztliche Praxis, Vol. 40, 2020 Pages 657 - 674, ISSN: 0303-6286	
Research Oriented Project Work	11.05.2020 to 15.05.2020	NITTTR, Chandigarh	
Problem Based Learning	18.05.2020 to 29.05.2020	NITTTR, Kolkatta	
Industrial Training on Electrical Engineering Applications in Telecom Industry	01.06.2020 to 19.06.2020	BSNL, Chennai	
Probability & Statistics	22.06.2020 to 03.07.2020	NITTTR, Kolkatta	
Advance Programming in C	06.07.2020 to 10.07.2020	NITTTR, Kolkatta	
Leadership and Team Building in Academia	13.07.2020 to 17.07.2020	NITTTR, Kolkatta	
Data Science with R programming	10.08.2020 to 21.08.2020	NITTTR, Kolkatta	
Assessment and Evaluation of Student's Performance	21.09.2020 to 25.09.2020	NITTTR, Kolkatta	
Design and Development of content for e-Learning	05.10.2020 to 16.10.2020	NITTTR, Kolkatta	
Modern Office Management	19.10.2020 to 23.10.2020	NITTTR, Kolkatta	

Stress Management	13.04.2020 to 17.04.20	AVS College of Arts & Science, Salem	
MOODLE	13.05.2020 to 15.05.20	VIT in association with IIT, Bombay	
Non-conventional energy resources	Jan 20 to April 20 (12 weeks)	Organized by NPTEL, IIT, Chennai	Mr.P.Pandimuni
Problem based learning	18.05.20 to 29.05.20	NITTR, KOLKATTA	
Industrial Training	01.06.20 to 19.06.20	BSNL, Chennai	
Training Program on energy storage and harvesting devices	06.07.20 to 17.07.20	NITTR, Chandigarh	
Recent Innovations in Electrical, Electronics, Instrumentation, Automation & Teaching Pedagogy	18.05.2020 to 30.05.2020	MHRD	
Communication and Networking Technologies (Three week Industrial Training)	01.06.2020 to 19.06.2020	BSNL	Mr.C.Nagavel
Theory, Operation and Experimentation on Sensors, Transducers & Actuators	06.07.2020 to 10.07.2020	NITTTR / Kolkata	
Training Programme on Energy Harvesting and Materials Characterization Techniques	13.07.2020 to 24.07.2020	NITTTR / Chandigarh	
Novel Materials	17.08.2020 to 21.08.2020	AICTE - ATAL	
Artificial Intelligence	31.08.2020 to 04.09.2020	AICTE - ATAL	
Research Trends in VLSI Design	25.05.20 to 29.05.20	NITTTR, Chandigarh	Mrs.C.Kamalthangam
VLSI Physical Design Techniques	15.06.20 to 19.06.20	NITTTR, Chandigarh	

Short-Term Course on "Python Programming for Beginners"	29.06.20 to 04.07.20	UNIVERSITY COLLEGE OF ENGINEERING, RAMANATHAPURAM	Mrs.C.Kamalathangam
Nanoelectronics Devices and Circuits Design	06.07.20 to 10.07.20	NITTTR, Chandigarh	
Basic MATLAB Programming	20.07.20 to 24.07.20	NITTTR, Chandigarh	
Short-Term Training programme on "Emerging Research Trends on Robotics and its Applications -Phase I"	03.08.20 to 05.08.20	MEPCO SCHLENK ENGINEERING COLLEGE, SIVAKASI	
Short Term Course on Sub-micrometer Semiconductor Device to Circuit Co-Design and Modeling Techniques	20.08.20 to 24.08.20	Dr. B R Ambedkar National Institute of Technology, Jalandhar	
One Week online Short-Term Training programme on "Emerging Research Trends on Robotics and its Applications- Phase II"	24.08.20 to 29.08.20	MEPCO SCHLENK ENGINEERING COLLEGE, SIVAKASI.	
Two days Webinar on "Accelerated Design approach for Antenna and Antenna arrays using Altair Feko"	26.05.2020 to 27.05.20	Bangalore Institute of Technology, Bengaluru.	
Webinar on "Arduino programming"	29.05.2020	P A C R Polytechnic College, Rajapalayam.	
Two days FDP on "Intelligent Controllers for Renewable Energy Systems"	02.06.2020 to 03.06.20	P.S.R. Engineering College, Sivakasi.	
Webinar on "Programmable Logic Controller"	05.06.2020	P A C R Polytechnic College, Rajapalayam.	
Webinar on "RF Fundamentals for Wireless Communications"	09.06.2020	Kamaraj College of Engineering and Technology	
Webinar on "CAD Tools for VLSI Design"	13.06.2020	Kamaraj College of Engineering and Technology	

Webinar on "Higher Degree Education"	15.06.2020	SRM Valliammai Engineering College, Kattankulathur.	
Webinar on "Research Challenges in Cloud Communication - Industry perspective"	17.06.2020	Dr. N.G.P Institute of Technology	
Webinar on "YOGA FOR HEALTH"	20.06.2020	V.H.N.S.N. College, Virudhunagar.	Mrs.C.Kamalathangam
Webinar on "Advancements in Industrial Automation and Latest Trends"	20.06.2020	Ganadipathy Tulsi's Jain Engineering College, Vellore.	
Webinar on "IoT in Automotive Industries"	22.06.2020	Kamaraj College of Engineering and Technology	
Webinar on "Solar PV Technology"	24.06.2020	Francis Xavier Engineering College, Tirunelveli.	
Webinar on "HOW TO BE PHYSICALLY FIT"	25.06.2020	VOORHEES COLLEGE, Vellore.	
National Webinar on "Emerging Technologies in Computer Network Applications: Prospects and Challenges"	26.06.2020	V.H.N.S.N. College, Virudhunagar.	
Webinar on Lighting and Space Planning"	26.06.2020	NITTE School of Fashion Technology	
Online Workshop on "Decoupage Jewelry Box Making"	28.06.2020	Nehru Arts and Science College, Coimbatore	
Webinar on "Robotics & its future"	29.06.2020	SRM Valliammai Engineering College	
Webinar on "WIRELESS SENSOR"	29.06.2020	Francis Xavier Engineering College, Tirunelveli	

International Webinar on "Thy food is Thy Medicine: Enrich your Health the Perfect Way"	30.06.2020	Rajapalayam Rajus' College, Rajapalayam.	
Webinar on 'Industry Webinar Series'	01.07.2020	Vogue institute of Art & Design	
Webinar on "Internet of Things (IoT) and Applications"	01.07.2020	ARASAN GANESAN POLYTECHNIC COLLEGE, Sivakasi.	Mrs.C.Kamalathangam
Webinar on "Smart Parking Management in E- Governance"	02.07.2020	Loyola Institute of Technology, Chennai.	
Webinar on "RECENT TRENDS IN E-VEHICLE"	04.07.2020	Francis Xavier Engineering College, Tirunelveli.	
Webinar on "Dev-Ops Automation-Software Development Engineer in Test"	09.07.2020	Loyola Institute of Technology, Chennai.	
Webinar on " Automation & Robotics".	10.07.2020	Loyola Institute of Technology, Chennai.	
Webinar on " Personality Development "	12.07.2020	Francis Xavier Engineering College, Tirunelveli.	
Webinar on "Wind Energy Conversion System"	13.07.2020	Francis Xavier Engineering College, Tirunelveli.	
Webinar on "Ultrasonic Sensors for Process Industries"	14.07.2020	Francis Xavier Engineering College, Tirunelveli.	
Webinar on "EMERGING TRENDS IN TRANSFORMER PROTECTION"	18.07.2020	Francis Xavier Engineering College, Tirunelveli.	
National Webinar on "Think Creative, Write Creative"	25.07.2020	Vivekananda College, Kolhapur.	
Webinar on "Simulation Tools for Wireless and Sensor Networks"	26.07.2020	Francis Xavier Engineering College, Tirunelveli.	

Webinar on "UX Process - Problem to Solution"	01.08.2020	ICAT Design and Media College, Bangalore.	
Webinar on "Amazon Cloud Platform Overview"	01.08.2020	Kamaraj College of Engineering and Technology	
Faculty Development Programme attended -07 on the topic of 1.Wireless sensor 2.Industrial collaboration and commercialization 3.Creation of animated e content, interactive evaluation 4.Programmable logic controller 5.Creation of digital posters creation of gif 6.Intelligent controllers for renewable energy systems 7.Ncovid - 19 awareness and prevention program	29.06.2020 12.06.2020 16.06.2020 to 20.06.20 05.06.2020 02.06.2020 to 06.06.20 02.06.2020 08.04.2020	1.Francis xavier engineering college 2.Kamaraj college Of engg and tech 3.Universal teachers academy 4.P.a.c.r polytechnic college, rajapalayam 5.Universal teachers academy 6.P.s.r.engineering college 7.Apollo medskills	Mr.P.Kartheesh
Arduino Programming	29.05.20	PACR Polytechnic college	
Energy management in Electrical installation	30.05.20	THIAGARAJAR College of Engineering	
Intelligent controllers for Renewable Energy System	02.06.20 to 03.06.20	PSR Engineering College	
Power Conditioning System for Remote Microgrid and Reliability Assessment	13.06.20	JERUSALEM College of Engineering	Mr.S.Balamurugan
Advancements in Industrial Automation and latest trends	20.06.20	GANADIPATHY Tulsi's Jain Engineering College	
Five days online FDP on "Recent Trends in Operation and Maintenance of Electrical Equipments,Energy management and Energy conservation	08.02.21 to 12.02.21	Organized by TNPT, madurai	Participated Mr.S.Balamurugan
Intelligent Controllers For Renewable Energy systems	02.06.20 to 03.06.20	P.S.R.E.C, Sivakasi	
Course Projects: Industrial Collaboration and Commercialization	12.06.20	KCET, Virudhunagar	Mr.R.Ganesh

Perspectives of online teaching and learning	08.06.20 to 13.06.20	GRIET,Hyderabad.	Mr.A.Chandra mohan
"Covid -19" Awareness Program	08.06.20	D.K.T.E,Ichalkaranji.	
Programmable Logic Controller	16.05.20	PACRPC, Rajapalayam	
Arduino Programming	29.05.20	PACRPC, Rajapalayam	
Faculty Awareness Programme on NBA	16.05.20	PACE,Andhrapradesh.	
Webinar on "Arduino Programming"	29.05.20	Dept.of EEE,I.S.T.E staff and student's chapter,PACR Polytechnic College.	
Two days FDP on "Intelligent Controllers for Renewable Energy Systems"	02.03.20 to 03.03.20	Department of EEE, P.S.R.Engineering College	
Webinar on "Programmable Logic Controller"	05.06.20	centre for high skill training and research and Department of EEE,PACR Polytechnic college	
Webinar on "RF Fundamentals for Wireless Communications"	09.06.20	Department of ECE, Kamaraj college of Engineering and technology	
Webinar on "Course Projects:Industrial Colloboration and Commercialization"	12.06.20	Department of ECE, Kamaraj college of Engineering and technology	
Five days FDP on "Role of automation techniques in Electrical Engineering"	15.06.20 to 19.06.20	St.Joseph college of engineering	
Webinar of "Applications of Signal Processing Techniques in Electrical Engineering"	16.06.20	Francies xavier engineeering college,tirunelveli	
Webinar on "Environment Awareness and Management"	18.06.20	Environment development cell (CIICP) of P.A.C.R polytechnic college	
Webinar on "Artificial Neural Network using MAT Lab"	26.06.20	Dept. of EEE, Francies xavier engineeering college,tirunelveli	
Webinar on "Internet of Things(IOT) and its applications"	26.06.20	Depr.of EEE,Kakinada Institute of Technology and Science,Andhra pradesh.	

Webinar on "Harmonics Issues from power converters and mitigation techniques"	27.06.20	Dept. of EEE, Francies xavier engineering college,tirunelveli	Mr.A.Chandra mohan
Webinar on "Wireless sensor"	29.06.20	Dept. of EEE, Francies xavier engineering college,tirunelveli	
Webinar on "Power Enhancement Techniques in Photovoltaic Power System"	29.06.20	Dept. of EEE, Francies xavier engineering college,tirunelveli	
Webinar on "Basic Ideas of Mini Solar Plant"	30.06.20	Dept. of EEE, Francies xavier engineering college, Tirunelveli	
Webinar on " Transients in power system"	01.07.20	Dept. of EEE, Francies xavier engineering college, Tirunelveli	
Webinar on"Wireless Communication and 5G Applications"	08.07.20	Dept.of ECE & Institution's Innovation Council of Francies xavier engineering college, Tirunelveli	
Webinar on "Soft Skills and Time Management"	25.07.20	Dept.of Mechatronics Engineering,Kamaraj College of Engineering & Technology Virudhunagar.	
Webinar on "Wearable Electronics"	30.07.20	Dept.of ECE & IETE,PSG Institute of Technology and Applied Research,Coimbatore.	
Two days online workshop on "The Art of Technical Writing"	07.08.20 to 08.08.20	Dept.of Mech,Jyothi Engineering College,Thrissur.	
Short term course on "Learn to Design your own Solar Home System"	12.08.20	Energy Literacy of the energy swaraj foundation assocation with VSVN Polytechnic College,virudhunagar	

National Seminar(web) on "Atmanirbhar Bhart:Environment Sustainability"	16.08.20	NITTR Kolkata collaboration with Knowledge PartnerSPIU,Uttar Pradesh	
Three day Faculty Development Programme on "Nano Materials and its Applications in Science and Technology"	07.09.20 to 09.09.20	Rajasthan Technical University, Kota, Vivekananda Institute of Technology,Jaipur.	Mr.A.Chandra mohan
Five days online FDP on "Recent Trends in Operation and Maintenance of Electrical Equipments,Energy management and Energy conservation	08.02.21 to 12.02.21	Organized by TNPT,madurai	Participated Mr.A.Chandra mohan
Alumni meet organized (25 year batch)	23..01.21	Organized by OPA and dept.of EEE	HOD/EEE
Arduino Programming	29.05.20	PACRPC, Rajapalayam	Mr.A.Bilal
Energy Management in Educational Institutions	30.05.20	TCE, Madurai	
Intelligent Controllers For Renewable Energy systems	02.06.20 to 03.06.20	P.S.R.E.C, Sivakasi	
Course Projects: Industrial Collaboration and Commercialization	12.06.20	KCET, Virudhunagar	
Power Conditioning System for Remote Microgrid and Reliability Assessment	13.06.20	JCE, Chennai	
Role of Automation Techniques in Electrical Engineering	15.06.20 to 19.06.20	SJCE ,Chennai	
Applications of Signal Processing Techniques in Electrical Engineering	16.06.20	FXEC, Tirunelveli	
Advancements in Industrial Automation and latest Trends	20.06.20	GTEC, Vellore	
Condition Monitoring of High Voltage Apparatus	17.04.20	LAPC, Kovilpatti	
Arduino programming	29.05.2020	Pacr polytechnic college	
Industrial collaboration and commercialization	12.06.2020	Kamaraj college Of engg and tech	

Applications of signal processing techniques in electrical engineering	16.06.2020	Fx engineering college	
Role of automation techniques in electrical engineering	15.06.20 to 19.06.20	St joseph's college of engineernig	
Webinar on "Post Covid -19, Job opportunities and Entrepreneurial possibilities - Indian and Global Scenario - An analysis"	04.05.2020	Francis Xavier Engineering College	Mr.D.Saravankumar
Webinar on "winning the competitive world"	04.05.2020	SNS College of Engineering and Technology	
International Faculty Development Programme on "Research Challenges and Innovations in Renewable Energy Systems"	11.05.20 to 16.05.20	Aarupadai Veedu Institute Of Technology	
Webinar on "Testing commisioning and retrofitting numerical relay"	11.05.2020	Easwari Engineering College	
Faculty developmant program on " Evolution of teaching Learning process - post COVID - 19"	11.05.2020 to 15.05.20	Bharath Institute of Science and Technology	
Faculty Development Program on " Research Ideas & Performance Analysis of Switched Reluctance Motor Using MagNet Software"	13.05.20 to 14.05.20	JERUSALEM COLLEGE OF ENGINEERING	
"Faculty Awareness Programme on NBA to keep in touch with NBA Accreditation"	20.05.20	PACE INSTITUTE OF TECHNOLOGY AND SCIENCES	
Webinar on "Arduino Programming "	29.05.20	P.A.C RAMASAMY RAJA POLYTECHNIC COLLEGE	
FDP on"Intelligent Controllers For Renewable Energy Systems"	02.06.20 to 03.06.20	P.S.R.ENGINEERING COLLEGE	
Webinar on "ENERGY CONSERVATION"	05.06.2020	Francis Xavier Engineering College	
Webinar on "Power Conditioning System for Remote Microgrid and Reliability Assessment"	13.06.2020	JERUSALEM COLLEGE OF ENGINEERING	
Webinar on "Energy Audit"	25.06.2020	GIRIJABAI SAIL INSTITUTE OF TECHNOLOGY	

AICTE Sponsored Six day online STTP on " Electric Cars Technologies and Modern Power System Series-II"	07.09.20 to 12.09.20	Kamaraj College of Engineering and Technology	
Recent innovations in Electrical,Electronics,Instrumentation,Automation & Teaching Pedagogy	18.05.20 to 30.05.20	Sri Sairam Engineering college,Chennai	Mr.S.I.Thangaraj
Arduino Programming	29.05.20	PACRPC, Rajapalayam	
Energy Management in Educational Institutions	30.05.20	TCE, Madurai	
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Power Conditioning System for Remote Microgrid and Reliability Assessment	13.06.20	JCE, Chennai	
Applications of Signal Processing Techniques in Electrical Engineering	16.06.20	FXEC, Tirunelveli	
Environment Awareness and Management	18.06.20	PACRPC, Rajapalayam	
Programmable Logic Controller	05.06.20	PACRPC, Rajapalayam	