



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

NEWS LETTER- JULY- 2021

About the Department:

The Department was started in the year 2008 with an objective of creating a leader in engineering education and research with the application of knowledge for uplifting the society globally. Initially, the Department was started with an intake of 60 students and later it was increased to 120 students in the year 2011. The Department inaugurated IEEE students' chapter in the year 2012. The faculty members are consistently doing well in teaching and research activities. The Department had well established and equipped laboratories like Electrical Machines Lab, Power Electronics Lab, Power System Simulation Lab, Microprocessor Lab & Measurements and Instrumentation Lab with equipment cost of Rs. 65 Lakhs. The Department provides exposure to the students with hands-on experience on various Electrical Engineering subjects to face the challenges of the modern corporate world and to mould them as responsible citizens of the country with a willingness to serve the society.

The Department established internal Library with 400 titles and IEEE volumes for the welfare of the Faculty members and students.

VISION

To create comprehensive electrical engineers to meet up the growing technological demands of the society.

MISSION

- **Higher Order Thinking:** To impart high quality education to help the students hone their professional skills.
- **Competency:** To improve the competencies of students and faculties on contemporary technologies through continuous improvement programs.
- **Continuous learning:** To undertake research on frontier areas of electrical and electronics engineering.
- **Entrepreneurship:** To imbibe the spirit of innovation and entrepreneurship among the students

Program Educational Objectives (PEOs)

- **Employability:** Graduates will have the ability to demonstrate skills in developing innovative ideas, and in providing effective solutions to complex engineering problems thereby being productive and participative global citizens
- **Higher Education:** Our graduates will have the ability and confidence to pursue higher education or exhibit professionalism in the career or take up entrepreneurial accomplishments.

- **Entrepreneurship:** Our graduates will have the technical competency to involve in multidisciplinary research within the suitable technological, global, societal, ethical, economical, environmental and organizational context.
- **Ethical:** Our graduates will engage themselves in life-long learning thereby keeping themselves abreast of the contemporary issues.

Program outcomes (POs)

POs	DESCRIPTION
P01	Engineering knowledge: An ability to apply the knowledge of mathematics and engineering fundamentals to provide solutions to complex Electrical Engineering problems
P02	Problem analysis: An ability to identify and analyse the problems on electrical engineering, and formulate the solutions appropriate to the problem through structured approach
P03	Design/development of solutions: An ability to design and develop software solutions to the problem with due considerations on socio-economical and environmental sustainability
P04	Conduct investigations of complex problems: An ability to design and conduct experiments, analyse and interpret data to provide valid conclusions and recommendations.
P05	Modern tool usage: An ability to use appropriate techniques and adapt modern electrical engineering simulation tools to solve intricate engineering problems
P06	The engineer and society: Apply logic informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and recognise their responsibility relevant to the profession and explore the human side of engineering.
P07	Environment and sustainability: Understand the role of electrical engineers in society regarding social, cultural, environmental and global responsibilities for sustainable development.
P08	Ethics: Ability to understand and practice the professional, legal and ethical principles involved in the area of electrical engineering-
P09	Individual and team work: An ability to function effectively as a team member or a leader focusing on a common goal in multi disciplinary settings
P010	Communication: An ability to communicate effectively on technical activities both orally and in written form
P011	Project management and finance: An ability to apply the knowledge of engineering and management principles to manage projects in multi disciplinary environments
P012	Life-long learning: An ability to undertake self learning of contemporary issues and engage in lifelong learning

Programme Specific Outcome (PSO)

PSOs	Description
PSO1	Products Development: An ability to design, analysis and to implement power electronics converters in renewable energy applications.
PSO2	Design Thinking: A capability to design and examine the power system and to solve the unit commitment with various constraints.

Staff Activities

- Dr.C.Shanmuga Sundaram, HoD/EEE, has attended Two Week Refresher Course ON “RECENT INNOVATION IN ELECTRICAL, ELECTRONICS AND TEACHING PEDAGOGY”,MHRD,18.05.2020 - 30.05.2020
- Dr.C.Shanmuga Sundaram, HoD/EEE, has attended Five days FDP on “RENEWABLE ENERGY”, The institute of green engineering,08.06.2020-12.06.2020
- Dr.C.Shanmuga Sundaram, HoD/EEE, has attended One Week International FDP On “RECENT STRATEGIES ON MICRO- AND SMART-GRID TECHNOLOGIES”,GMR Institute of technology 15.06.2020 19.06.2020
- Dr.C.Shanmuga Sundaram, HoD/EEE, has attended “ELECTRIC CARS TECHNOLOGIES AND MODERN POWER SYSTEM”,AICTE Sponsored Six Day Online Stp,12th– 17th October, 2020
- Dr.C.Shanmuga Sundaram, HoD/EEE, has attended Online Workshop on “RURAL ENTREPRENEURSHIP DEVELOPMENT(REDE)” Action Plan conducted on by Mahatma Gandhi National Council of Rural Education, Hyderabad 24.09.2020
- Dr.C.Shanmuga Sundaram, HoD/EEE, has attended “ELECTRIC VEHICLES”,Aditya Institute of Technology and Management (A),2020-11-16 to 2020-11-20
- Dr.C.Shanmuga Sundaram, HoD/EEE, has attended "INTERNET OF THINGS (IOT)", Sri Manakula Vinayagar Engineering College,2021-2-1 to 2021-2-5
- Dr.C.Shanmuga Sundaram, HoD/EEE, has attended "SOLAR ENERGY: TECHNOLOGIES AND APPLICATIONS", Jyothi Engineering College,2020-9-21 to 2020-9-25
- Dr.C.Shanmuga Sundaram, HoD/EEE, has attended "SUSTAINABILITY ENGINEERING",St. Joseph's College of Engineering,2020-12-14 to 2020-12-18
- G.Renuka Devi, ASP/EEE has attended the Two Weeks FDP on “WIND, SOLAR AND WIRELESS COMMUNICATION” from 2nd to 13th Nov,2020 at National Institute of Technical Teachers Training and Research-Chennai.
- G.Renuka Devi, ASP/EEE has participated & completed successfully 5-day FDP-SI UHV Online Workshop day FDP AICTE “INCORPORATING UNIVERSAL HUMAN VALUES IN EDUCATION”, from 14th Dec to 18th Dec 2020.
- G.Renuka Devi, ASP/EEE has participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "ENERGY ENGINEERING" from 28th Dec 2020 – 01st Jan, 2021 at National Institute of Technology, Tiruchirappalli.

- G.Renuka Devi, ASP/EEE has attended & completed successfully the Quality Improvement Programme on “PWM CONTROL TECHNIQUES IN MODERN MULTI-PHASE POWER CONVERTERS USED FOR GRID INTERFACES AND INDUSTRIAL DRIVES” during January 11-15, 2021 organized by Continuing Education Centre, IIT Roorkee.
- G.Renuka Devi., ASP/EEE “DESIGN AND ANALYSIS OF FAULT TOLERATE FEATURE OF N-PHASE INDUCTION MOTOR DRIVE”, International Journal of Energy and Power Engineering vol:15, no:1, pg.no 7-14, Jan2021.
- G.Renuka Devi, ASP/EEE has participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "ELECTRICAL AND COMPUTER ENGINEERING" from 8th- 12th Feb, 2021 at National Institute of Technology, Patna.
- G.Renuka Devi, ASP/EEE has participated in the MoE, Government of India sponsored Five-Day Online INDO-US National SPARC workshop on “POWER CONVERSION TECHNOLOGIES FOR RENEWABLE ENERGY AND MICRO-GRID APPLICATIONS” organized by the Department of Electrical Engineering, NIT Warangal during 2nd to 6th March, 2021 under SPARC project.
- G.Renuka Devi, ASP/EEE has participated in a 40hours online Faculty Development Programme titled “DATA SCIENCE FOR ALL” organized by E & ICT Academy, NIT Warangal from 12-04-2021 to 23-04-2021.
- G.Renuka Devi, ASP/EEE has participated in the in the one week National level Faculty Development Programme on “TECHNOLOGIES FOR SMART ELECTRICAL POWER GRID”conducted through online mode by Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli during 24th – 28th May 2021 under the aegis of AICTE – MARGDARSHAN.
- G.Renuka Devi, ASP/EEE has participated in the Five-Day Online Short-term Course on “SUSTAINABLE POWER SYSTEMS”, during 7th to 11th June 2021, Organized by Department of Electrical and Electronics Engineering, National Institute of Technology Tiruchirappalli, in Association with The Hong Kong Polytechnic University.
- G.Renuka Devi, ASP/EEE has participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "STATE OF THE ART APPLICATIONS AND RESEARCH AREAS IN HIGH VOLTAGE ENGINEERING (RAHVE-21)" from 5th Jul 2021 – 9th Jul, 2021 at National Institute of Technology, Calicut.
- Dr.K. Sedhuraman,ASP/EEE has attended AICTE Sponsored One Week online STTP on “ROLE OF SMART TECHNOLOGIES IN MARITIME INDUSTRIES” organized by Academy of Maritime Education and Training from 23rd Nov 2020 to 28th Nov 2020.
- Dr.K. Sedhuraman,ASP/EEE has attended AICTE sponsored one week STTP (Phase-II) on “RESEARCH TRENDS IN RENEWABLE PHOTOVOLTAIC SYSTEM AND ITS RESEARCH CHALLENGES" organized by SV College of Engineering, Tirupathi held on 23rd Nov, 2020 to 28th Nov, 2020.

- Dr.K. Sedhuraman,ASP/EEE has attended AICTE Sponsored Six days Online STTP on “FUTURISTIC INNOVATIONS, TRENDS IN RENEWABLE ENERGY AND UTILIZATION TECHNOLOGIES” organized by V.S.B Engineering College, Karur 23rd Sep 2020 to 28th Sep 2020.
- Dr.K. Sedhuraman,ASP/EEE has attended AICTE sponsored one week STTP -Phase-I on “APPLICATION OF AI AND IOT TO POWER SYSTEMS INCLUDING SMART GRID”, during 09.11.2020 to 14.11.2020 organized by Sridevi Women’s Engineering College, Hyderabad, Telangana.
- Dr.K. Sedhuraman,ASP/EEE has attended AICTE sponsored two week FDP on “APPLICATION OF POWER ELECTRONICS IN RENEWABLE ENERGY SYSTEMS” conducted from 2nd to 14th Nov, 2020 organized by Vasireddy Venkatadri Institute of Technology [VVIT], Namburu.
- Dr.K. Sedhuraman,ASP/EEE has attended AICTE sponsored Six Days Online Short Term Training Programme on “IOT BASED CONTROL STRATEGIES FOR AC/DC MICROGRIDS IN SMART CITY IMPLEMENTATION” organized by Sri Ramakrishna Engineering College, Coimbatore from November 23rd to 28th, 2020.
- Dr.K. Sedhuraman,ASP/EEE has attended AICTE Training And Learning (ATAL) Programme on “ELECTRIC VEHICLES” organized by Aditya Institute of Technology and Management (A), 2020-11-16 to 2020-11-20.
- Dr.K. Sedhuraman,ASP/EEE has attended AICTE Training And Learning (ATAL) Programme on “SUSTAINABILITY ENGINEERING” organized by St. Joseph's College of Engineering, 2020-12-14 to 2020-12-18.
- Venkadesan, K. Sedhuraman, S. Himavathi and A. Chitra ‘A NEW NEURAL NETWORK BASED FLUX ESTIMATOR FOR DIRECT VECTOR CONTROL OF INDUCTION MOTOR DRIVE’, Willey Publication, Pages: 219-232, July 2020. (ISBN: 978-0-470-82828-1) (DOI: <https://doi.org/10.1002/9781119682035.ch12>).
- K. Sedhuraman, A. Venkadesan, M. Abiraman (July 2020), ‘PERFORMANCE INVESTIGATION OF SMART INTEGRATED CIRCUIT BREAKER USING RASPBERRY PI AND ARDUINO CONTROLLER’, Proc. IEEE International Conference on Systems, Computation, Automation and Networking (ICSCAN 2020), Manakula Vinayagar Institute of Technology, Pondicherry, India. (ISBN: 978-1-7281-6202-7 (Online), 978-1-7281-6203-4 (Print)) DOI: 10.1109/ICSCAN49426.2020.9262308.
- Dr.K. Sedhuraman received award of “YOUNG RESEARCHER AWARD” from Institute of Researchers on 19-06-2021
- S.RAJKUMAR, AP/EEE has participated & Successfully completed the one week Short Term Training course on “ARTIFICIAL INTELLIGENCE” organized by Sanskrithi School Of Engineering, AP from 24st to 28th May 2021.
- S.RAJKUMAR, AP/EEE has participated & Successfully completed the one week Short Term Training Programme on “EMBEDDED SYSTEM DESIGN” organized by K. C. College of engineering & management Studies & research, Thane from 14st to 19th Jun 2021.

- S.RAJKUMAR, AP/EEE has participated & completed successfully AICTE FDP on “ELECTRIC VEHICLES” from 16th Nov to 20th Nov 2020 at Aditya Institute of Technology and Management (A).
- S.RAJKUMAR, AP/EEE has participated & completed successfully AICTE FDP on “SUSTAINABILITY ENGINEERING” from 14th Dec to 18th Dec 2020 at St. Joseph's College of Engineering.
- S.RAJKUMAR, AP/EEE has participated & completed successfully AICTE FDP on “INTERNET OF THINGS (IOT)” from 1st Feb to 5th Feb 2021 at Sri Manakula Vinayagar Engineering College.
- S.Rajkumar, (July. 2020) “IRRIGATION AND SOIL MOISTURE DETECTION BY USING AUGUMENTED REALITY”, International Conference on System, Computation, Automation and Networking (ICSCAN), MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY, PONDICHERRY. ISBN: 978-1-7281-6201-0
- Mr.D.Balaji, AP/EEE has participated & completed successfully AICTE Training and Learning Academy (ATAL) on “ENERGY ENGINEERING” from 23th to 27th November 2020 at Government College of Technology, Coimbatore.
- Mr.D.Balaji, AP/EEE has participated & completed successfully AICTE Training and Learning Academy (ATAL) on “INTERNET OF THINGS (IOT)” from 7th to 11th December 2020 at Government College of Technology, Coimbatore.
- Mr.D.Balaji, AP/EEE has participated & completed successfully AICTE Sponsored STTP on “RECENT TRENDS IN ELECTRICAL VEHICLES” from 30th November to 05th December 2020 at Pragati Engineering College, Anandra Pradesh.
- Mr.D.Balaji, AP/EEE has participated & completed successfully AICTE Training and Learning Academy (ATAL) on “SUSTAINABILITY ENGINEERING” from 14th to 18th December 2020 at St. Joseph's College of Engineering, Chennai.
- Mr.D.Balaji, AP/EEE has participated & completed successfully Three days FDP on “IMPACT OF CONTROLLERS IN POWER ELECTRONICS CONVERTER FOR ELECTRIC VEHICLES” from 1st to 3rd June 2021 at Dr.N.G.P.Institute of Technology, Coimbatore.
- Mr.D.Balaji, AP/EEE has participated & completed successfully Six days International FDP on “CHALLENGES IN ENERGY MANAGEMENT FOR SMART CITIES” from 7th to 11th June 2021 at Centre for Renewable Energy Technology -AVIT, Chennai.
- Mr.D.Balaji, AP/EEE has participated & completed successfully Six days International FDP on “RESEARCH INNOVATIONS AND EMERGING ADVANCES IN ELECTRICAL ENGINEERING” from 14th to 19th June 2021 at Easwari Engineering College, Chennai.
- Mr.D.Balaji, AP/EEE has participated & completed successfully AICTE Training and Learning Academy (ATAL) on “ELECTRICAL VEHICLE TECHNOLOGY: CHALLENGES AND BUSINESS OPPORTUNITY” from 21st to 25th June 2021 at National Small Industries Corporation (NSIC), Hyderabad.
- Muruganandhan.D, Assistant Professor of Manakula Vinayagar Institute Of Technology participated in the “AI BASED NOVEL POWER DISTRIBUTION AND CORRECTIONS

TECHNOLOGY” organized by Sengunthar Engineering College, Namakkal,Tamilnadu. From 23-11-2020 to 28-11-2020.

- Muruganandhan.D, Assistant Professor of Manakula Vinayagar Institute Of Technology has attended AICTE sponsored One Week Online STTP on “ROLE OF SMART TECHNOLOGY IN MARITIME INDUSTRIES” from 23-11-2020 to 28-11-2020 organised by Academy of Maritime Education and Training (AMET) Deemed to be University, Chennai.
- Muruganandhan.D, Assistant Professor of Manakula Vinayagar Institute Of Technology has attended the AICTE Sponsored STTP on “SENSOR INTERFACING AND CONTROLLER IMPLEMENTATION IN ENGINEERING SYSTEMS” from 07-12-2020 to 12-12-2020- series-IV, Organised by Saveetha Engineering College, Chennai.
- Muruganandhan.D, Assistant Professor of Manakula Vinayagar Institute Of Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "SUSTAINABILITY ENGINEERING" from 2020-12-14 to 2020-12-18 at St. Joseph's College of Engineering.
- Muruganandhan.D, Assistant Professor of Manakula Vinayagar Institute Of Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “DISTRIBUTED ENERGY SYSTEM MODELLING AND CONTROL” from 2021-06-21 to 2021-06-25 at Government Engineering College, Bharuch.
- Muruganandhan.D, Assistant Professor of Manakula Vinayagar Institute Of Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “APPLICATION OF IOT IN AGRICULTURE” from 2021-07-06 to 2021-07-10 at Gandhi Institute For Technology (GIFT) Bhubaneswar.
- Muruganandhan.D, Assistant Professor, Participated in Three Days A Virtual Faculty Development Programme on "EMERGING TRENDS IN ROBOTICS AND INDUSTRIAL AUTOMATION“ organized by Department of Mechatronics Engineering, Er.Perumal Manimekalai College of Engineering, Hosur - 635117 on 02.06.2021 to 04.06.2021.
- Muruganandhan.D, Assistant Professor of Manakula Vinayagar Institute of Technology participated in COVID relief fund FDP on “RECENT TRENDS AND RESEARCH PERSPECTIVE ON ENERGY AND POWER SYSTEM” organized by PSN College of Engineering and Technology from 31-05-2021 to 04-06-2021.
- Muruganandhan.D, Assistant Professor of Manakula Vinayagar Institute of Technology has actively participated in the webinar on “ELECTRIC VEHICLE TECHNOLOGY” organized by Department of Electrical and Electronics Engineering, DMI College of Engineering, Chennai on 23.06.2021.
- Muruganandhan.D, Assistant Professor of Manakula Vinayagar Institute of Technology has delivered a SPECIAL LECTURE ON “PAST PRESENT FUTURE OF ELECTRONICS” for second Year EEE students on 04-06-2021.

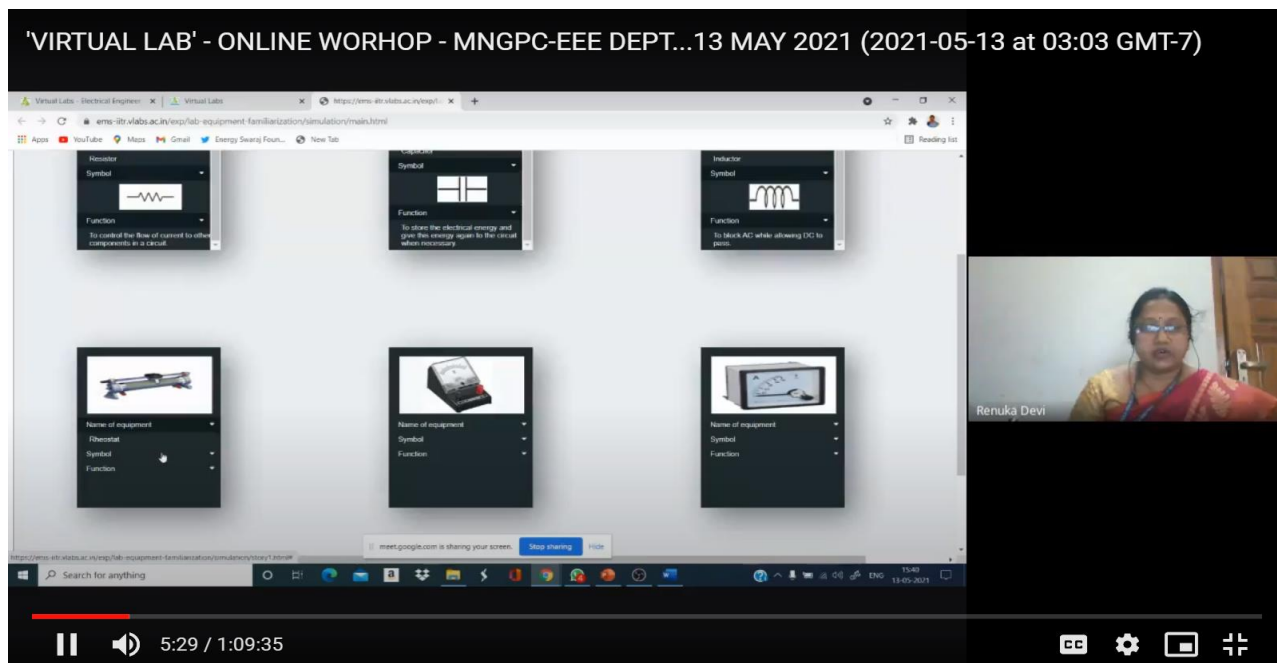
- Muruganandhan.D, Assistant Professor of Manakula Vinayagar Institute of Technology has delivered a SPECIAL LECTURE ON “HARMONICS AND FILTERS USED IN HVDC SYSTEMS” for Final Year EEE students on 29-05-2021.
- P.L.Santhana Krishnan, AP/EEE, attended 5 days Atal FDP on “BLOCK CHAIN TECHNOLOGY: CURRENT TRENDS AND FUTURE ASPECTS IN SMART GRID “at Gyan Ganga Institute of Technology on 12th June to 17th June 2021
- P.L.Santhana Krishnan, AP/EEE, attended 5 days Atal FDP on “ENERGY ENGINEERING” at National Institute of Technology, Delhi on 25th June to 29th Dec 2021
- P.L.Santhana Krishnan, AP/EEE has Submitted 2 days seminar on “WIRELESS TECHNOLOGY” in CSIR proposal on 19.12.2020
- Muthunagai.R, Assistant Professor of Manakula Vinayagar Institute Of Technology participated in the “AI BASED NOVEL POWER DISTRIBUTION AND CORRECTIONS TECHNOLOGY” organized by Sengunthar Engineering College, Namakkal,Tamilnadu. From 23-11-2020 to 28-11-2020.
- Muthunagai.R, Assistant Professor of Manakula Vinayagar Institute Of Technology has attended AICTE sponsored One Week Online STTP ON “ROLE OF SMART TECHNOLOGY IN MARITIME INDUSTRIES” from 23-11-2020 to 28-11-2020 organised by Academy of Maritime Education and Training (AMET) Deemed to be University, Chennai.
- Muthunagai.R, Assistant Professor of Manakula Vinayagar Institute Of Technology has attended the AICTE Sponsored STTP on “SENSOR INTERFACING AND CONTROLLER IMPLEMENTATION IN ENGINEERING SYSTEMS” from 07-12-2020 to 12-12-2020- series-IV, Organised by Saveetha Engineering College, Chennai.
- Muthunagai.R, Assistant Professor of Manakula Vinayagar Institute Of Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "SUSTAINABILITY ENGINEERING" from 2020-12-14 to 2020-12-18 at St. Joseph's College of Engineering.
- Muthunagai.R, Assistant Professor of Manakula Vinayagar Institute Of Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “DISTRIBUTED ENERGY SYSTEM MODELLING AND CONTROL” from 2021-06-21 to 2021-06-25 at GOVERNMENT ENGINEERING COLLEGE, BHARUCH.
- Muthunagai.R, Assistant Professor of Manakula Vinayagar Institute Of Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “APPLICATION OF IOT IN AGRICULTURE” from 2021-07-06 to 2021-07-10 at Gandhi Institute For Technology (GIFT) Bhubaneswar.
- Muthunagai.R, Assistant Professor, Participated in Three Days A Virtual Faculty Development Programme on "EMERGING TRENDS IN ROBOTICS AND INDUSTRIAL AUTOMATION“ organized by Department of Mechatronics Engineering, Er.Perumal Manimekalai College of Engineering, Hosur - 635117 on 02.06.2021 to 04.06.2021.
- Muthunagai.R, Assistant Professor of Manakula Vinayagar Institute of Technology participated in COVID relief fund FDP on “RECENT TRENDS AND RESEARCH PERSPECTIVE ON ENERGY AND

POWER SYSTEM” organized by PSN College of Engineering and Technology from 31-05-2021 to 04-06-2021.

- Muthunagai.R, Assistant Professor of Manakula Vinayagar Institute of Technology has actively participated in the webinar on “ELECTRIC VEHICLE TECHNOLOGY” organized by Department of Electrical and Electronics Engineering, DMI College of Engineering, Chennai on 23.06.2021.
- Mrs.R.Priya ,AP/EEE has participated in the “FACULTY INDUCTION PROGRAM” from 16th Nov to 11th Dec 2020 at NITTTR, Bhopal.
- Mrs.R.Priya ,AP/EEE has participated in the “AICTE INCORPORATING UNIVERSAL HUMAN VALUES IN EDUCATION” from 14th to 18th Dec 2020
- Mrs.R.Priya ,AP/EEE has participated ATAL FDP Titled "ADVANCES IN POWER ELECTRONICS FOR HYBRID ELECTRIC VEHICLE-2020" from 11th to 15th Dec 2020 at National Institute of Technology, Andhra Pradesh
- Mrs.R.Priya ,AP/EEE has participated ATAL FDP titled "INTEGRATION OF ALTERNATE ENERGY RESOURCES IN SMART GRID" from 25th to 29th Dec 2020 at National Institute of Technology, Delhi
- Mrs.R.Priya ,AP/EEE has completed online certification of the courses MOSFET Crash Course,How to Teach Online – Remote teaching, Excel- Microsoft Excel Brginner to AdvancedDigital Electronics –Made Easy,How to build a powerful memory,Google Workspace (G suite) in UDEMY portal.
- Mrs.R.Priya ,AP/EEE has participated ATAL FDP titled " GREEN ENTREPRENEURSHIP AND DEVELOPMENT " from 14th to 18th June 2021 at NITTTR , Bhopal
- Mrs.R.Priya ,AP/EEE has participated ATAL FDP titled " VIVEKANANDA EDUCATIONAL SOCIETY" from 5th to 7th July 2021 at NITTTR , Bhopal
- J.Vijaya Raghavan, AP/EEE has participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP ON "INTERNET OF THINGS (IOT)" from 13th to 19th MAR 2021 at Government college of Engineering, Dharmapuri.
- J.Vijaya Raghavan, AP/EEE has participated & Successfully completed the one week Short Term Training course on “ARTIFICIAL INTELLIGENCE” organized by Sanskrithi School Of Engineering, AP from 24st to 28th May 2021.
- J.Vijaya Raghavan, AP/EEE has attended covid relief fund FDP on “RECENT TRENDS AND RESEARCH PERSPECTIVE ON ENERGY AND POWER SYSTEM " organized by PSN College Of Engineering And Technology,Tiruneveli from 31th May 2021 to 05th Jun 2021.
- J.Vijaya Raghavan, AP/EEE has participated & completed successfully Six Days International Online FDP on " RESEARCH INNOVATIONS AND EMERGING ADVANCES IN ELECTRICAL ENGINEERING " from 14th to 19th Jun 2020 at Eswari Engineering College,Ramapuram ,Chennai.
- J.Vijaya Raghavan, AP/EEE has participated & Successfully completed the one week Short Term Training Programme on “EMBEDDED SYSTEM DESIGN” organized by K. C. College of engineering & management Studies & research, Thane from 14st to 19th Jun 2021.

- J.Vijaya Raghavan, AP/EEE has participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on " DISTRIBUTED ENERGY SYSTEM MODELING AND CONTROL " from 21st to 25th Jun 2021 at Government Engineering College, bharuch.
- J.Vijaya Raghavan, AP/EEE has participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on " APPLICATION OF IOT IN AGRICULTURE" from 06th to 10th July 2021 at Gandhi Institute For Technology (GIFT) Bhubaneswar

• **DEPARTMENT ACTIVITIES:**



Dr.G.Renuka Devi, ASP/EEE has delivered online workshop on “VIRTUAL LAB” on 13th May 2021 organized by Motilal Nehru Government Polytechnic College, Puducherry.



Power system FGS Group organized a guest lecture on " EXPLORING THE OPPORTUNITIES IN ELECTRICAL SECTOR - A ROUTE MAP " by Shamshudeen Magbul Basha ,Team Lead ,Thermax Limited(Water and Waste Water Solution),Pune on 27th May 2021.

Zoom Meeting

You are viewing yuva raja's screen

G.Renuka Devi shanmugasund... Muruganandha... yuva raja

Recording...

fpga

Field programmable gate arrays

FPGAs belong to a wide family of programmable logic components. An FPGA is defined as a matrix of Configurable Logic Blocks (CLBs), linked to each other by an interconnection network, which is entirely reprogrammable

- Logic blocks
 - to implement combinational and sequential logic
- Interconnect
 - wires to connect inputs and outputs to logic blocks
- I/O blocks
 - special logic blocks at periphery of device for external connections

Logic blocks

Input/Output Cells

Programmable Interconnect

Participants (59)

GD G.Renuka Devi (Host, me)

YR yuva raja

Agilan

A Akash

A Anas

Ashwinkumar

BALAJI AP EEE MVIT

Chandru

DM Datchina moorthi

Dhanush

EEE_21_Arun Deepan

EK EEE_22_Praveen kumar

F EEE-21-Dhivyapreethi.M

EK EEE-22-Gokula Krishnan

E EEE-23-MSATHAM

EA EEE-24-Mohamed Abbas

Unmute Start Video Security Participants Polls Chat Share Screen Breakout Rooms Reactions More

Type here to search

31°C 09:16 28-05-2021

Dr.G.Renuka Devi, Associate Professor/EEE has organized guest lecture on “VHDL” to II, III and IV year Students on 28th May 2021. Mr.Yuvaraj,JSK lab Instruments, Chennai has delivered the session.

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Accredited by NBA 10

Approved by the AICTE, New Delhi and Affiliated to Pondicherry University, Accredited by NBA, New Delhi. Kalvi vallal N.Kesavan Salai, Medical College Campus, Kalitheerthalkuppam, Puducherry- 605 107. Ph: 0413 2643007 / Website: www.mvit.edu.in

Department of Electrical and Electronics Engineering

Date: 31.05.2021
Time: 11AM

Organizes **Guest Lecture**
Journey of IT into EEE

Watch Us At **zoom**

spring
Firebase
SVELTE
REACT

Java
HTML JS CSS
spring boot
JSP
A + N = N
NativeScript
HIBERNATE
ZEND FRAMEWORK
UNIX
STRUTS
spring MVC
RDBMS

Cloud Firestore
YouTube

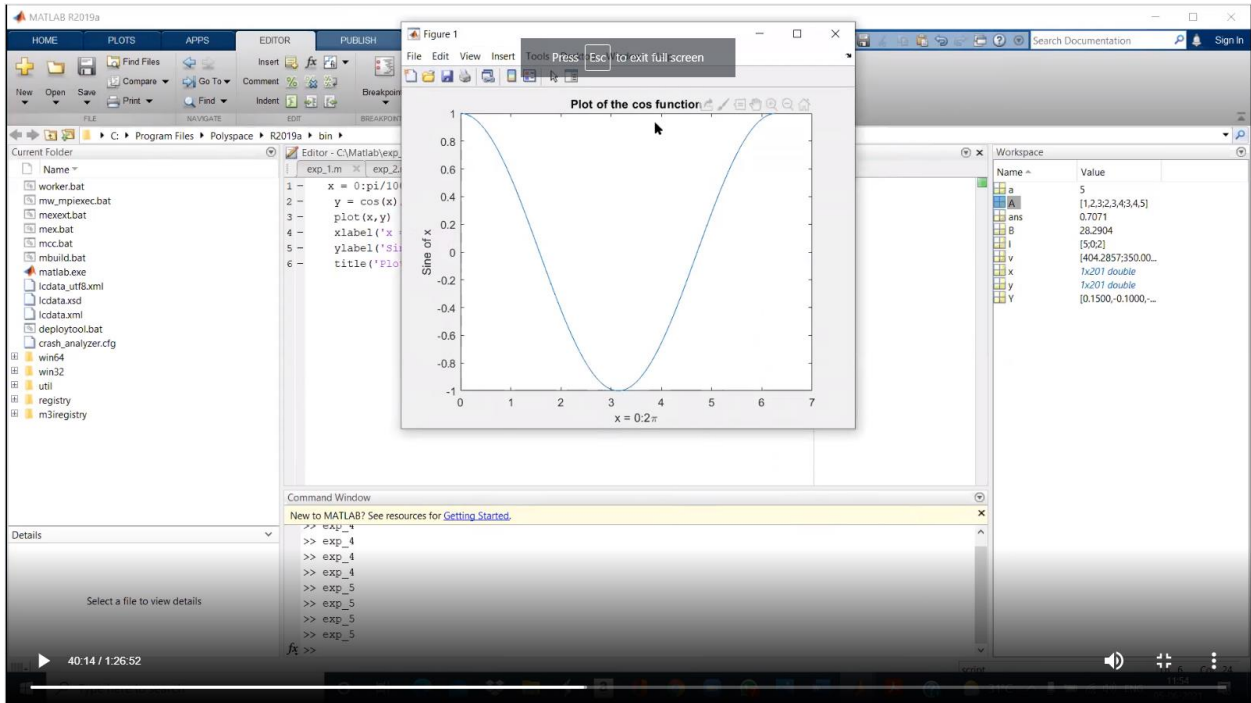
4000+ hrs Molding talents

100+ Hours of Online Training

Guest Lecture on “JOURNEY OF IT INTO EEE” Organized by Power Electronics FSG, Department of Electrical and Electronics Engineering on 31.06.2021



Mr.D.Balaji, AP/EEE has organized guest lecture titled - "SMT – PCB ASSEMBLY PROCESS" to II, III and IV year Students on 5th June 2021 by Mr. D.Mohanaligam, Proprietor & CEO, MEI Technologies, and Coimbatore has delivered Session.



FSG-Electrical Drives and Control group has conducted one day internal workshop on "BASICS OF ELECTRICAL SIMULATION SOFTWARE -PV" to II, III and IV year Students on 5th Jun 2021.

Recording... You are viewing Devi M's screen View Options

Torque and current generation block

zoomus is sharing your screen. Stop sharing Hide

Unmute Start Video Security Participants 37 Polls Chat Share Screen Breakout Rooms Reactions More End

Devi M
Faculty (Olympus)
EEE 23 YUVARAJ
BALAJI D AP/EE...
Ashwinkumar
EEE-22-DINESH
EEE keerthi vasan

P.L.Santhana Krishnan, AP/EEE, has conducted Guest lecture on “AN OVERVIEW OF MATLAB” for II, III and IV year EEE Students by Dr.B.Ezhilavan, MD, VEI Technologies, Chennai on 14.6.2021

- Muthunagai.R, Assistant Professor of Manakula Vinayagar Institute of Technology has delivered a SPECIAL LECTURE ON “CONDITION MONITORING OF ROTATING MACHINES” for Second Year EEE students on 07-06-2021.
- Muthunagai.R, Assistant Professor of Manakula Vinayagar Institute of Technology has delivered a SPECIAL LECTURE ON “TROUBLE SHOOTING MAINTENANCE & PROTECTION OF ELECTRICAL MOTOR AND DRIVES” for Final Year EEE students on 02-06-2021.
- **STUDENT PARTICIPATION:**
 - TCS Inframind 2020 – 18 students Cleared First Round 02 students got offer in TCS through “TCS INFRAMIND 2020”
 - Final year EEE students, Hemalatha.S, Yuvasri.D, Kishorekumar.V & Thirunavukarasu.D are selected for final round of presentation for project title “SMART AGRICULTURE SYSTEM” of Chhatra Vishwakarma Awards 2020.
 - Two EEE batches (Batch1: S.Naveenkumar, K.MohamedAnas, S.Harish & S.Gowtham – “RATTLE BOARD”) & (Batch2: M.Balamurugan, K.MohamedAnas & S.Harish – “BE MY EYES”) are selected for final round presentation in TOYCATHON – 2021.