

NEWSLETTER
AY:2022-23
Issue - 1

Department of

Electrical



Electronics

Engineering

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EVENTS ORGANIZED

FACULTY EVENTS :

AICTE Training and Learning (ATAL) Academy Sponsored 2 Week Faculty Development Program on “IOT Based Green Energy Technologies” from 17th October - 29th October, 2022

Coordinator & Convener: Dr J.Sivavara Prasad

Co-coordinator: Dr K.R.L.Prasad

Program Schedule for 1st Week

Week 1 (17th OCT 2022-22nd OCT 2022) –Online (7:00PM-9:30PM)

AICTE sponsored two-week faculty development program on “IOT based Green Energy Technologies” was conducted from 17th to 22nd October, 2022 in Online mode and from 25th to 29th October, 2022 in Offline mode. In this FDP, 50 participants are registered from 22 engineering colleges in Andhra Pradesh and Telangana states.

S. No	Date and Session	Name and details of Resource Person	Topic of Presentation	Online Link
1	17-10-2022 Session-1	Dr. Suresh Mikkili Associate Professor Department of Electrical Engineering National Institute of Technology, Goa.	Smart Electric Grid : Architecture Indian Smart Grid Journey, Status of Pilot Projects, Smart Grid Challenges & Opportunities	https://tinyurl.com/ ATAL FDP- DAY1
2	18-10-2022 Session-2	Dr.Gurunath Gurrala Associate Professor Department of Electrical Engineering, Indian Institute of Science Bangalore.	1.Sensing and analytic smart campus 2. Fault classification using symbolic dynamics	https://tinyurl.com/ ATAL FDP- DAY2

3	19-10-2022 Session-3	Dr. Kotni Srikumar Professor of EEE & Principal, JNTU-GV College of Engineering, Vizianagaram.	Introduction to Green Technologies	https://tinyurl.com/ATAL FDP-DAY3
4	20-10-2022 Session-4	Dr. M.Jaya Bharata Reddy Professor, Department of Electrical and Electronics Engineering, NIT, Tiruchirapalli.	Supervisory Control and Data Acquisition (SCADA) & Internet of Things (IOT)	https://tinyurl.com/ATAL-FDP-DAY4
5	21-10-2022 Session-5	Dr. Ch. Ramulu, Assistant Professor, Department of Electrical Engineering, National Institute of Technology, Warangal.	Introduction to Solar PV Induction Motor Based Water Pumping System & IoT Based Solar Power System	https://tinyurl.com/ATAL-FDP-DAY5
6	22-10-2022 Session-6	Mr. Ramesh Babu Darla, Sr. Engineer, Power CQT Cisco Systems (India) Private Limited Bangalore	Solar Energy and IOT Applications	https://tinyurl.com/ATAL- FDP-DAY6

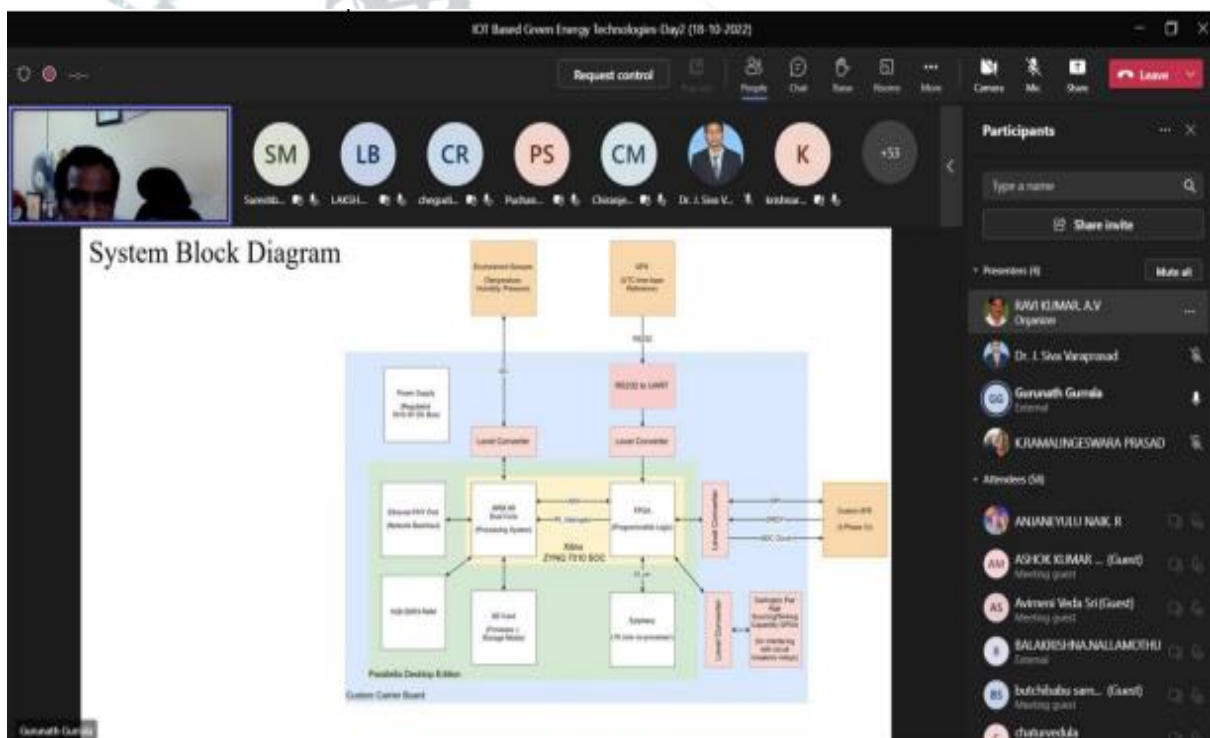


Fig. 1 Online session by Dr. Gurunath Gurrula

Program Schedule for 2nd Week

Week 2 (25th OCT 2022-29th OCT 2022) –Offline (9:00AM-4:30PM)

25-10-2022	26-10-2022	27-10-2022	28-10-2022	29-10-2022
9:00 – 9:30 Inauguration	9:00 – 10:00 Travel for Visit	9:00 – 11:30 Session 10 (ORB Energy Bangalore)	9:00 – 11:30 Session 12 (Emsys Technologies Coimbatore)	9:00 – 11:30 Session 14 (Dr. Narla Tatarao Thermal Power Station Ibrahimpatnam Circle Vijayawada)
9:30 – 11:30 Session 7 (Microchip Technology Chennai)	10:00 – 12:30 Session 9 (Efftronics System Guntur)	11:30 – 12:30 Article 2 Discussion	11:30 – 12:30 MCQs	11:30 – 12:30 Visit Report (Team)
11:30 – 12:30 Article 1 Discussion	12:30 – 1:30 Lunch	12:30 – 1:30 Lunch	12:30 – 1:30 Lunch	12:30 – 1:30 Lunch
12:30 – 1:30 Lunch	1:30 – 4:30 Visit (Efftronics System Guntur)	1:30 – 3:30 Session 11 (ORB Energy Bangalore)	1:30 – 3:30 Session 13 (Emsys Technologies Coimbatore)	1:30 – 2:30 Reflection Journal
1:30 – 3:30 Session 8 (Microchip Technology Chennai)	4:30 – 5:30 Travel back	3:30 – 4:45 Teaching Practice	3:30 – 4:45 Teaching Practice	2:30 – 3:30 Feedback
3:30 – 4:45 Teaching Practice				3:30 – 4:30 Valedictory



Fig. 2 Inaugural Function (25th October, 2022)



Fig. 3 & 4 Representing Awards Distribution to Best Participants.

STUDENT EVENTS :

Skill Oriented Training Programme on "ADVANCED PYTHON PROGRAMMING"

Date / Duration : 18-07-2022 to 23-07-2022 (one week)

Resource Person : Mrs. M.Ruthumma, Trainer and Developer, APSSDC, Vijayawada.

Name of the Coordinator(s) : Mrs G.Tabita, Sr. Assistant Professor

Mrs K.S.L.Lavanya, Sr. Assistant Professor

Objective of the event : To get Coding skills in Python.

Outcome of event : Students acquired more knowledge on python programming and applied to core related examples.

Description / Report on Event:

The EEE department conducted one week skill oriented training program on Advanced Python Programming for V Semester Students from 18-07-2022 to 23-07-2022 in association with APSSDC and IEEE student branch of LBRCE. During the training sessions, the students got the knowledge on the following topics.

- Introduction to Data Analysis
- Data Manipulation with Numpy
- Data Analysis with Pandas
- Introduction to Data Visualization with Matplotlib
- Data Visualization With Seaborn



Keynote speech by **Dr. K.Harinadha Reddy**, Vice-Principal



Addressing by **Dr. J. Sivavara Prasad**, HOD-EEE



Addressing by **Dr.Y.Vijaya Bhaskar Reddy**, APSSDC Coordinator, LBRCE



Felicitation to Resource Person **Mrs. M.Ruthumma**, Trainer & Developer, APSSDC

Paper Clippings:

శ్రీమంతులు
19/07/22

సాక్షి

అంతర్జాతీయ

జిం ఫ్రజిల్

నాలెడ్జి కేంద్రాలతో నైపుణ్యం మెరుగు

పైబాస్ కోడింగ్ భాష నేర్పుకోవడం సులభం

ఎల్ బిఆర్ సిఇఆర్ నైపుణ్య శిక్షణ సదస్సు

ఎల్ బిఆర్ సిఇఆర్ పైబాస్ పై నైపుణ్య శిక్షణ

“PPT PRESENTATION COMPETITION” ON THE OCCASION OF ENGINEER’S DAY

Event Type : PPT Presentation Competition– LBRCE IEEE SB, Green Energy Club & AEEL

Date / Duration : 14-09-2022, 10.30 AM to 1.30 PM

Names of Coordinator : Mr.K.Nagalinga Chary

Target Audience : All Students of EEE, LBRCE

Description: The EEE Department in association with LBRCE IEEE SB, Green Energy Club & AEEL is organized a PPT Presentation Competition on the occasion of “Engineers Day” on September 15th , 2022. The following are the topics

1. Trends in Green Energy Technology
2. Global Technology
3. Role of Green Energy on Human Capital
4. Renewable based Electric Vehicles

Winners of the event:

S.NO	NAME OF THE STUDENT	ROLL NO	WINNERS
1	B.VENU MADHAV	20761A0271	I
2	P.LOHITH	20761A02A4	II



“One day Workshop on “Advances in Emerging Technologies – Hands-on experience on Industrial Robot”

Date : 04-11-2022

Resource Person : Mr.Venkat Raj, Director, ECM, Germany

Names of Coordinator: Dr. Y. Vijaya Bhaskara Reddy, SPOC, APSSDC Skill Centre

Dr.K.R.L.Prasad, Professor

Mr. P.Srihari, Sr. Assistant Professor

The objective of the event: To enhance the knowledge of ROS programming and practical implementation on a real-time ROBOT.

Description / Report on Event:

The Department of Electrical and Electronics Engineering, in collaboration with the Applied Robotic Control (ARC) Lab, the European Centre for Mechatronics (ECM), Germany, and the Andhra Pradesh State Skill Development Centre (APSSDC), organized a one-day workshop on “Advances in Emerging Technologies” on 4th November 2022. This event aimed to enhance students' skills in Mechatronics, Robotics, PLC software, and ROS software.

The international internship, conducted from 29th August to 21st October 2022, was organized in three phases by the associate organizations. It introduced students to the latest technologies in Robotics and Automation, including robot control through programming. The ARC team provided hands-on training using the YASKAWA robot, a high-quality industrial robot from the Japan-based M/s YASKAWA.

The workshop, supported by industry experts, expanded the students' technical knowledge and provided practical experience in robot control for applications such as processing, assembling, picking and placing, palletizing, and depalletizing. Additionally, the workshop discussed Industry 4.0, the Internet of Things, and AI, encouraging students to focus on these emerging technologies to enhance their skills.

“ELOCUTION COMPETITION” ON THE OCCASION OF NATIONAL ENERGY CONSERVATION DAY

Date / Duration : 14-09-2022, 10.30 AM to 1.30 PM

Names of Coordinator : Mr.K.Nagalinga Chary

Objective of the event : To create awareness about effects of wastage from industry and household.

Description / Report on Event:

The Green Energy Club of EEE Department in association with Centre for Innovation, Incubation and Entrepreneurship(CIIE),AEEL & LBRCE IEEE Student Branch is organized an Elocution Competition on “The effects of industrial and household waste” on the occasion of “National Energy Conservation Day”on 14-12-2022.

WINNERS LIST:

S.NO	NAME OF THE STUDENT	ROLL NO	WINNERS
1	G.Charan Babu	22765A0205	I
2	M.Harika	21761A0226	II



Participant delivering the topic



Participants

“Workshop on PSPICE, LAB-VIEW & PSCAD”

Date / Duration : 12-09-2022 To 30-12-2022 (Total 32 Contact Hours)

Resource Persons : Mr.A.V.Ravikumar & Mrs.T.Naga Durga

Names of Coordinators : Mr.A.V.Ravikumar & Mrs.T.Naga Durga

Objective of the event : To gain the basic skills on PSPICE, LAB-VIEW & PSCAD in software.

Description on Event: The EEE Department organized a skill-oriented training course on “PSPICE, LAB-VIEW & PSCAD” from 12-09-2022 To 30-12-2022. The students are practiced the following softwares.

- Introduction to PSPICE
- Introduction to LAB-VIEW
- Introduction of PSCAD



Lecture Delivering by Resource Person



Software Practice by the Students

LAKSHYA – 2K22

16th NATIONAL LEVEL TECHNICAL & CULTURAL FEST

28th December, 2022

Our flagship National level annual Techno-Cultural Fest was organized on December 28, 2022 with the participation of 2000+ students from various engineering colleges within and outside A.P. This highly innovative, competitive and fun-filled Techno- Cultural Symposium provided a wide spectrum of events to bring out the latent technical and aesthetic talents of students and their creativity, innovation and originality in thinking. It included Technical Events like Paper Presentation (SRUJANA), Poster Presentation (PRAGNA), Quiz (MEDHA), Project Exhibition (NIPUNA), Some special events and some highly creatively designed cultural events in Music & Dance. Total prize money of 3,00,000/- given to the winners & runners of all the events.

Due to pandemic online events were conducted previous academic years but this academic year 2022-23 we conducted offline mode the response was huge. All the students were excited and inspired by the events.

The following members were acted as Coordinators for LAKSHYA2K22

Faculty Co-Ordinator's

S. NO	NAME	BRANCH
1	Mr.G V Surya Narayana, Asst Prof	ASE
2	Mr.K Venkatesh, Asst Prof	AI&DS
3	Mr.P Mohan Ganga Raju, Asst Prof	CE
4	Mr.N V Naik, Sr Asst Prof	CSE
5	Mr.O Venkata Siva, Asst Prof	CSE(AI&ML)
6	Mr.P Rathnakar Kumar, Asst Prof	EEE
7	Mr.G Venkat Rao, Assoc Prof	ECE
8	Mr.B Sandeep, Sr Asst Prof	EIE
9	Mr.SK Saida, Asst Prof	IT
10	Mr.K Lakshmi Prasad, Sr Asst Prof	ME
11	Dr.V V Narsi Reddy, Assoc Prof	MBA

Student Co-Ordinator's

S NO	NAME	BRANCH
1	Syed Shoukath Aleem	ASE
2	P Sai Krishna	AI&DS
3	Ch Siddartha Reddy	CE
4	V Akshay Kumar	CSE
5	M Harsha vardhan Reddy	CSE(AI&ML)
6	D Ayyappa	EEE
7	B Venkata Satya Sravan	ECE
8	K Lakshmi Narayana	EIE
9	M David	IT
10	K Syam Paul	ME
11	Ch Lakshmi Narayana	MBA

The details and broad objectives of the four major technical events are as follows:

SRUJANA: Paper Presentation

- To promote, showcase and reward the technological developments taking place in the world.
- To exhibit the creative ability in identifying and communicating the views and ideas.

PRAGNA: Poster Presentation

- To collate, compile, analyze and communicate the technical assessments in one's own technological domain.

MEDHA: Quiz Competition

- To develop thinking ability, general awareness and sharpness in diagnosing the problem.
- To test the technical quotient of students.

NIPUNA: Technical Project Exhibition

- To formulate, plan, develop and execute technical models or prototypes.
- To develop innovative solutions for real-time problems.

And all departments were conducted the following special events and many more spot events:

❖ **WATER ROCKET from Department of Aerospace Engineering**

Building and launching rockets is just enormously enjoyable. It combines the simple pleasure of watching in awe at the power of a compressed gas, with the rather more subtle pleasure of mastering an engineering problem. In short, it's fun for all ages.

❖ **BUG HUNTER from Department of AI & DS**

A bug is a coding error in a computer program.

❖ **CREATIVE MINDS from Department of Civil Engineering**

Create a innovative model within the given time provided using material like paper waste, cutboards, thermocol sheets and spoons etc. Participants should justify the design and explain to the judge.

❖ **WHO IS THE KGF? from Department of CSE**

1. Coding contest aims foster learning and growth among participants who are passionate about programming through healthy competition.
2. Improves the problem-solving capabilities among all the participants.
3. Makes participants efficient, focused and fast.

❖ **ART EXPO from Department of EEE**

This exhibition and competition was an excellent opportunity for your creative thoughts and innovative ideas.

❖ **CRUIZE 7.0 from Department of ECE**

Real time Demo Examination for getting a job in your dream companies, Having 3 rounds and every round will be an elimination round.

❖ **CIR'KIT from Department of EIE**

1. Create your innovative thoughts into reality by the Electronics and Instrumentation core knowledge.

2. Come with working prototype of your application.
3. Display and deliver the information about your futuristic application.

❖ **BRAIN EXPEDITIOUS from Department of IT**

Brain expeditious is a test of knowledge in various fields like technical & non-technical.

Task: The students should sound knowledge in various fields like General Knowledge, identify the pictures/photos of famous persons, and programming, etc.

❖ **YANTHRORA (ROBO SPRINT) from Department of Mechanical Engineering**

1. The robots build by given dimensions and specifications will be allowed for the game.
2. If the participants fail to get their own robot, the organisers shall provide a kit. Please note that the same robot will be given to other participants falling in to the same criteria. Hence, it is highly recommended to make your own kit.
3. The rounds will be decided according to groups participated.
4. The robot which gains maximum points will be the winner.

❖ **BULLS vs BEARS from Department of MBA**

A stock market game is an event that attempts to reproduce or duplicate some or all features of a live stock market on a computer so that a player may practice trading stocks without financial risk. Stock market game is a simulated trading process in which would-be investors can 'practice 'investing without committing real money.

This is done by the manipulation of imaginary money and investment positions that behave in a manner similar to the real markets. New investors can practice making fortunes time and time again before actually committing financially. Stock market game is often used for educational purposes.

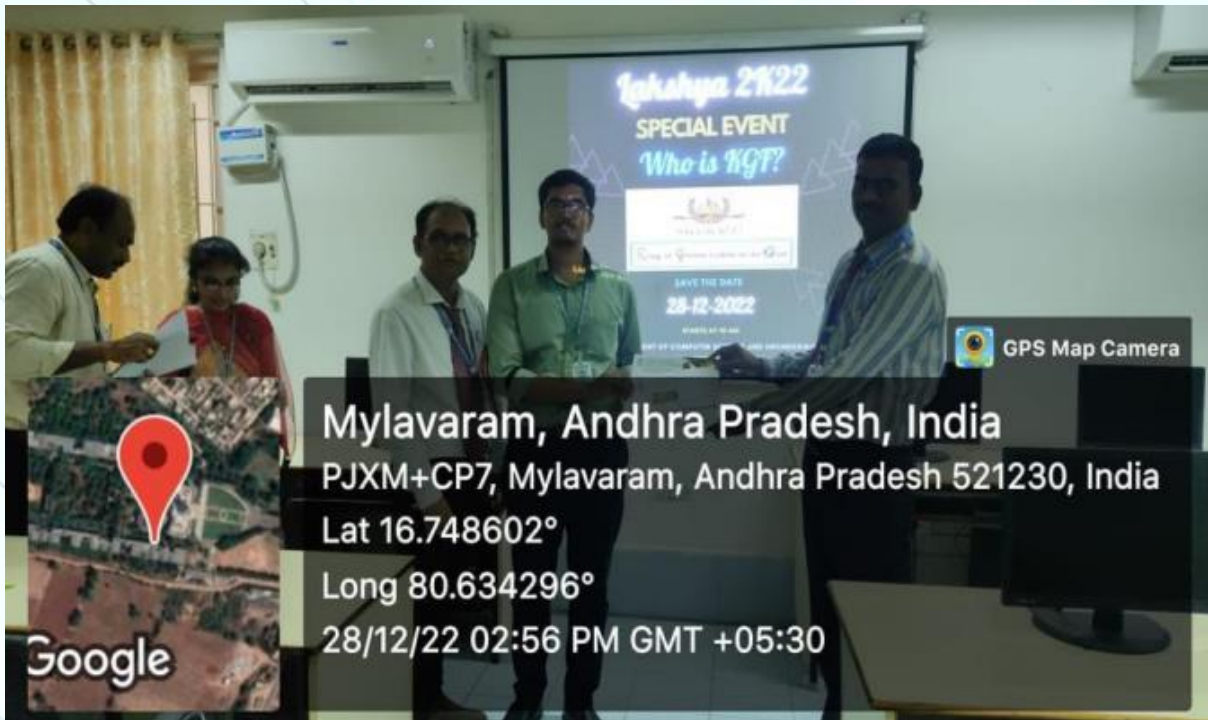
Conveners:

Dr. S.Pichi Reddy, HOD, Department of MECH

Dr. J. Sivavara Prasad, HOD, Department of EEE

We invited TCS senior consultant MSR MURTHY garu as the chief guest for Lakshya 2k22





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Long 80.634296°
28/12/22 02:56 PM GMT +05:30



తూనాడు 29/12/22

వైపుణ్యాలతోనే ఉద్యోగావకాశాలు సాధ్యం

మైలవరం, మ్యాన్బుట్: ఇంజనీరింగ్ విద్యార్థులు తమ వైపుణ్యాల మేరకున తమకుంటేనే ఉద్యోగావకాశాలు లభిస్తాయని టీసీఎస్ సీనియర్ కన్వెన్షనల్ ఎంపీఎల్ మూర్తి అన్నారు. స్టాఫ్ లోకల్ కెర్నల్ బాధితుల ఇంజనీరింగ్ కళాశాలలో బుధవారం అక్టో-2322 సాంకేతిక సమావేశం ఆయా విద్యార్థులు, ఆంధ్ర తెలంగాణ రాష్ట్రాల నుంచి మహిళలు రెండు వేలమందికి పైగా ఇంజనీరింగ్ విద్యార్థులు హాజరయ్యారు. ఈ సందర్భంగా మూర్తి మాట్లాడుతూ ప్రస్తుత తరగతి వేగంలోనే ఉపకాశాలు లభించుతాయన్నారు. ఒకే సందర్భ



మూర్తి మాట్లాడుతూ టీసీఎస్ ఫంక్షనల్ ఎంపీఎల్ మూర్తి వేదికపై ఆయన ప్రసంగం

వకలో టీసీఎస్ ఇంజనీరింగ్ వంటి సంస్థలో ఉద్యోగాలు లభించాయన్నారు. వారిలో వేదీ ప్రముఖ సంస్థల నుంచి భారతదేశానికి వెళ్లి దోర్లగాంట్ బ్యూటీఫుల్ ప్రాజెక్టులను చేస్తుంటే యువతకు వరమన్నారు. భారత్

వారి దోర్లగాంట్ హాట్ మాంటింగ్ ఇంజనీరింగ్ కళాశాల వకలోనే ఉద్యోగాలు పొందటం విద్యార్థుల్లో ఉత్సాహం పెంచుతుంటే కళాశాల గోడల వైపున లోకల్ అయిల్ కాలిక్టర్ కేంద్రాలను ఏర్పాటు చేసిన విధంగా పోలీస్ విభాగం ద్వారా 200 మంది విద్యార్థులకు బహుమతులు అందజేశారు. సాయంత్రం విద్యార్థులు ప్రవర్ణించిన సాంస్కృతిక కార్యక్రమాలు ఉత్సాహంగా కళాశాల ఆయనకు ఉత్సాహం పెంచే కార్యక్రమం అయిల్ కాలిక్టర్ కేంద్రాలను ఏర్పాటు చేసిన విధంగా పోలీస్ విభాగం ద్వారా 200 మంది విద్యార్థులకు బహుమతులు అందజేశారు.



సాక్షి

వైపుణ్యభివృద్ధికి ఇంటర్నెట్ దోహదం

మైలవరం, మెర్సెస్: ఇంజనీరింగ్ వంటి విద్యార్థుల్లో వైపుణ్యాల మెరుగుతాయని ప్రాధాన్యత పొందిన టీసీఎస్ సీనియర్ కన్వెన్షనల్ మూర్తి మూర్తి తెలిపారు. మైలవరం లోకల్ కెర్నల్ ఇంజనీరింగ్ కళాశాలలో 18వ సాంకేతిక, సాంస్కృతిక ఉత్సవం అక్టో-2322 బుధవారం కళాశాల హావలర్ వైపున లోకల్ అయిల్ కాలిక్టర్, ఎమ్పీఎస్ సార్వజనీన కేంద్రం ప్రముఖల వేదిక ప్రారంభించారు. ఆయన ప్రసంగం ఆయా విద్యార్థులు, ఆంధ్ర తెలంగాణ రాష్ట్రాల నుంచి మహిళలు రెండు వేలమందికి పైగా ఇంజనీరింగ్ విద్యార్థులు హాజరయ్యారు. ఈ సందర్భంగా మూర్తి మాట్లాడుతూ ప్రస్తుత తరగతి వేగంలోనే ఉపకాశాలు లభించుతాయన్నారు. ఒకే సందర్భ



మైలవరంలో అక్టో-2322లో హాజరైన ప్రముఖులు

వివిధ పోలీస్ విభాగాలకు యా.కె.ఎల్.ఎస్. కళాశాల పురస్కారాలు, మెర్సెస్ కెర్నల్ కెంద్రం అందజేశారు. వివిధ విభాగాలకు విద్యార్థులు, కెంద్రం హాజరయ్యారు. వివిధ సాంస్కృతిక కార్యక్రమాలు నిర్వహించారు.

జంక్షన్

పరిశ్రమల్లో ఇంటర్నెట్ తో ఉపాధి అవకాశాలు మెరుగు

టీసీఎస్ సీనియర్ కన్వెన్షనల్ ఎంపీఎల్ మూర్తి

మైలవరం, డిసెంబర్: 28 (ప్రభుత్వ మ్యాన్) పరిశ్రమల్లో ఇంటర్నెట్ కేంద్రం ద్వారా విద్యార్థులకు వైపుణ్యాల మెరుగుతాయని టీ సీ ఎస్ సీనియర్ కన్వెన్షనల్ ఎం. ఎస్. ఆర్. మూర్తి విద్యార్థులకు హాజరయ్యారు. స్టాఫ్ లోకల్ కెర్నల్ ఇంజనీరింగ్ కళాశాలలో 18వ సాంకేతిక, సాంస్కృతిక ఉత్సవం (బ) బుధవారం మెర్సెస్ నిర్వహించారు. ఈ కార్యక్రమానికి ముఖ్య అతిథిగా వచ్చిన మూర్తి మాట్లాడుతూ విద్యార్థులు తమ వైపుణ్యాల మెరుగుతాయని ప్రాధాన్యత పొందిన టీసీఎస్ సీనియర్ కన్వెన్షనల్ మూర్తి మూర్తి తెలిపారు. మైలవరం లోకల్ కెర్నల్ ఇంజనీరింగ్ కళాశాలలో 18వ సాంకేతిక, సాంస్కృతిక ఉత్సవం అక్టో-2322 బుధవారం కళాశాల హావలర్ వైపున లోకల్ అయిల్ కాలిక్టర్, ఎమ్పీఎస్ సార్వజనీన కేంద్రం ప్రముఖల వేదిక ప్రారంభించారు. ఆయన ప్రసంగం ఆయా విద్యార్థులు, ఆంధ్ర తెలంగాణ రాష్ట్రాల నుంచి మహిళలు రెండు వేలమందికి పైగా ఇంజనీరింగ్ విద్యార్థులు హాజరయ్యారు. ఈ సందర్భంగా మూర్తి మాట్లాడుతూ ప్రస్తుత తరగతి వేగంలోనే ఉపకాశాలు లభించుతాయన్నారు. ఒకే సందర్భ

వారు నాయకత్వ లక్షణాలను అలవరుతుంటే ముందుకు సాగుతారు. కళాశాల ప్రస్థాపక బాధ్యక. కె.ఎస్.ఎం. మాట్లాడుతూ విద్యార్థులు దేశం సుఖనాథ్యక కేంద్రం పొందటం కోసం, ఎంపీఎస్ సార్వజనీన కేంద్రం ప్రముఖల వేదిక ప్రారంభించారు. ఆయన ప్రసంగం ఆయా విద్యార్థులు, ఆంధ్ర తెలంగాణ రాష్ట్రాల నుంచి మహిళలు రెండు వేలమందికి పైగా ఇంజనీరింగ్ విద్యార్థులు హాజరయ్యారు. ఈ సందర్భంగా మూర్తి మాట్లాడుతూ ప్రస్తుత తరగతి వేగంలోనే ఉపకాశాలు లభించుతాయన్నారు. ఒకే సందర్భ

ప్రతిసార్లు టీసీఎస్ సీనియర్ కన్వెన్షనల్ మూర్తి

వివిధ పోలీస్ విభాగాలకు యా.కె.ఎల్.ఎస్. కళాశాల పురస్కారాలు, మెర్సెస్ కెర్నల్ కెంద్రం అందజేశారు. వివిధ విభాగాలకు విద్యార్థులు, కెంద్రం హాజరయ్యారు. వివిధ సాంస్కృతిక కార్యక్రమాలు నిర్వహించారు.

GUEST LECTURES

Guest Lecture On “FUTURE POWER GENERATION AND CHALLENGES”

Resource Person : Mr. G.V.Srinivas,Executive Engineer (APCPDCL)-Vijayawada Division

Mr.Sobhan,Regional Electrical Corporation(REC)- Vijayawada Division

Names of Coordinator : Mrs.K.S.L.Lavanya

- As part of Azadi Ka Amrit Mahotsav, a programme highlighting the achievements of power sector under the umbrella of Ujjwal Bharat and Ujjwal Bhavishya – Power @2047 was celebrated on Wednesday at Lakireddy Bali reddy college of engineering,Mylavaram.
- Discussed the service of the officials in ensuring the constant supply of electricity. “The employees of power department often have to wade through cut-off roads to restore disrupted power connection caused due to various calamities and therefore it was a befitting day to acknowledge their contribution in ensuring the regular flow of electricity”.
- The government is doing remarkable work in the field of power sector by implementing various schemes with the help of the central government. Terming the power sector as a vital sector, the chief guest exhorted the concerned department to strengthen and streamline their public service delivery mechanism.
- Achievements in the power sector, including the renewable energy sector, along with a vision of the nation in this sector by 2047 when the country completes 100 years of Independence.
- The EEE Department organized a guest lecture on “Future Power Generation and Challenges” by Mr. G.V.Srinivas,Executive Engineer (APCPDCL)-Vijayawada Division and Mr.Sobhan,Regional Electrical Corporation(REC)- Vijayawada Division on 27-07-2022.



Lecture Delivering by Resource persons

Guest lecture on “Orientation/interaction on the Importance of Global certification and Global Internship to students”

- To give a clear vision to the students about their Industrial Internship of their 4 years academic course in the college.
- To focus on the knowledge they are here to gain..
- To learn the required skills in college as per the industry demands and requirements.
- Motivational seminar for both faculty & students for better understanding of the course and to know the importance of Internship.
- The EEE Department organized a guest lecture on “ ” by Mr. Mr.V.V.N RAJU M.D.President Indo-Euro synchronization on 25-08-2022

Resource Person : Mr.V.V.N RAJU M.D.President Indo-Euro synchronization

Names of Coordinator : Dr.A.V.G.A.Marthanda , Mr.A.V.Ravi Kumar



ALUMNI INTERACTIONS

ALUMNI INTERACTION on 23/07/2022

Resource Person : Mr. Sai Manoj Challa (16761A02A4)

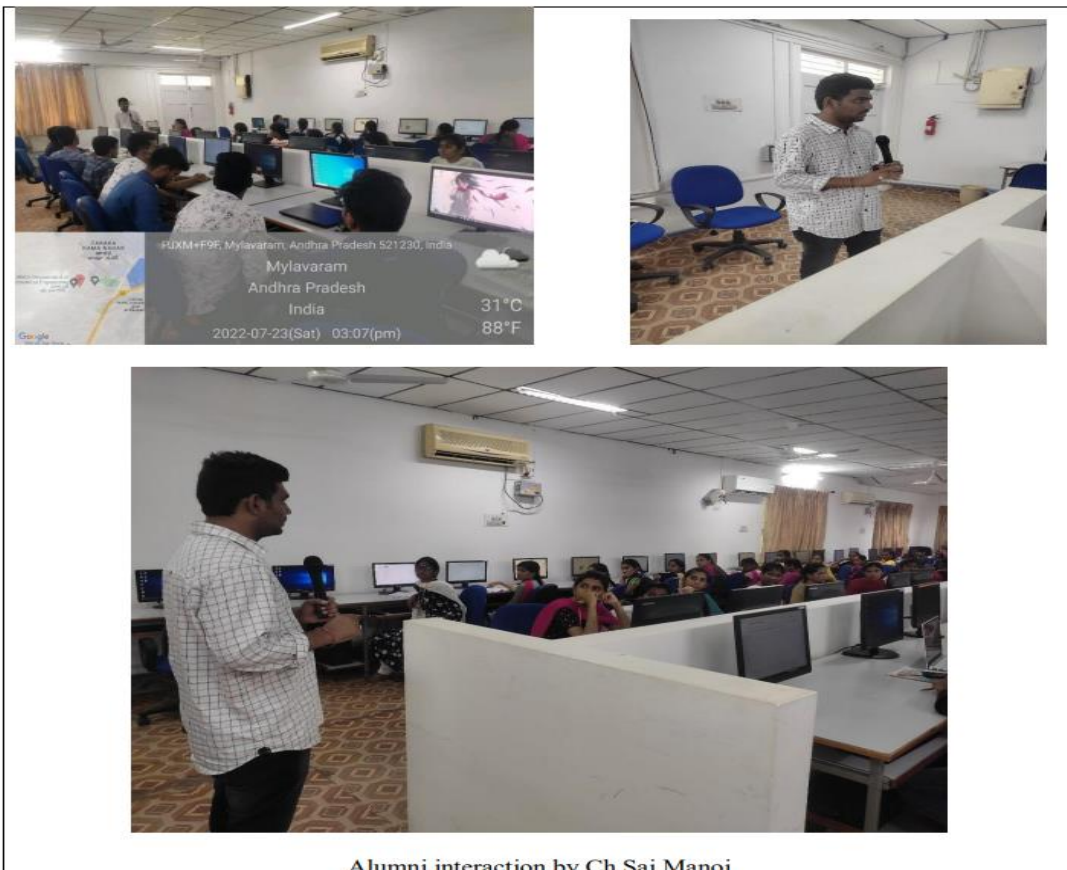
Designation : Software Engineer

Organisation : Wipro

Outcome of Event : All the students interacted well and enhanced their knowledge.

He discussed the key responsibilities of software engineers in the industry and detailed the steps and courses for a successful career in software. He also provided insights into the current software industry scenario and offered valuable guidance during the student interaction session following his talk on "Career Guidance."

In this alumni interaction program, the HoD appreciated Mr. Ch. Sai Manoj for his insightful presentation and career guidance. The event was coordinated by alumni coordinators Mrs. K.S.L. Lavanya and G. Tabita.



Alumni interaction by Ch.Sai Manoj

ALUMNI INTERACTION ON CAREER GUIDANCE ON CRT on

12/08/2022

Resource Persons : Gunapati Rahul (16761A0223)

R.Hrushika Hari Hrudhay(16761A0242)

Designation: Software Engineers @TCS

Name of Coordinator: Mrs.K.S.L.Lavanya

Outcome of Event : Students are familiar with the various steps and courses involved in getting a bright career in the software industry.

- They addressed the key responsibilities of software engineer in software organizations. The various steps and courses involved in getting a bright career in software field are explained in detail for the students.
- Also, they delivered about the overview of IT recruitment process and its career growth as software Engineer, Team Leader, Project Manager and Deputy manager. Finally, valuable guidance is given for the students who interacted after the completion of his talk on “Career Guidance on CRT”.



ALUMNI INTERACTION REPORT ON JOB OPPORTUNITIES IN CORE SECTOR on 24/08/2022

Resource Persons : J.Naga Surya (14761A0224), On-Site Engineer, ION Technology Solutions

Name of Coordinator: Mrs.K.S.L.Lavanya

Outcome of Event : Students are familiar with the various steps and courses involved in getting a bright career in the core industry.

- He delivered the possible job opportunities for the Electrical Engineers in various core and private industries.
- The various steps involved in getting a bright career in core field are explained at length for all the students. Also, he interacted with students regarding the recruitment in various organizations like wind energy domain, solar electric cars and manufacturing industries.
- Also, he pointed out the importance of skills on Electrical software's like ANSYS, MATLAB in industries for getting the core jobs. He also enlightens the students regarding the higher education possibilities and GATE importance.



ALUMNI INTERACTION ONLINE MEETING ON HOW TO CRACK MOCK INTERVIEWS on 25/09/2022

Resource Person : Mr.S.S.Ravi Teja (13761A02A6)

Designation : Team leader

Organisation : Tech Mahindra

Name of Coordinator: Mrs.K.S.L.Lavanya

Outcome of Event : Students are familiar with the various queries in interview process.

- He addressed the key responsibilities of software engineer in software organizations
- The various steps and queries in interview process in getting a bright career in software field are explained in detail for the students.
- Also, he delivered about the overview of IT recruitment process and its career growth as software Engineer, Team Leader, Project Manager and Deputy manager. Finally, valuable guidance is given for the students who interacted after the completion of his talk on “Mock interviews awareness”.



ACHIEVEMENTS

FACULTY ACHIEVEMENTS :

AWARDS:

S. No.	Name of the Faculty	Award/ Achievement	Name of the Awarding Organisation/ Institution
1.	Dr. J. Sivavara Prasad	Best Teacher	Raja Ratna Group
2.	Dr. G. Nageswara Rao	Best Research Award	Novel research group academy
3.	Mr. P. SriHari	Best Teacher	LBRCE, Mylavaram

NPTEL TOPPERS:

Name of the Faculty	Name of the Course	Grade	Position
Dr. P. Sobha Rani	Educational Leadership	Elite+ Gold	--

RECOGNITIONS:

S.No	Name of the Faculty	Name of the Award/Recognition	Awarding Agency with Contact Details (Email ID Website & Contact Number)	Date of receiving Award	If Innovation category Title of the Innovation
1	Dr.G.Nageswara Rao	Reviewer	AICTE- JNTUA	2023	AICTE Book Writing in Telugu JNTUA, AP
2	Dr.G.Nageswara Rao	Reviewer	"Reviewer of the manuscript	2022	"Internation al Journal
3	Dr.G.Nageswara Rao	Reviewer	""Comparative performance of Three- level Modular Multi level with Cascaded	2022	(IJECE) p-ISSN 2088- 8708, e- ISSN 2722- 2578"

4	Dr.G.Nageswara Rao	Reviewer	H-Bridge Inverters for Induction Motor	2022	IEEE Access
5	Dr.K.R.L.Prasad	Resource Person	Design and Thermal Analysis of Linear Hybrid Excited Flux Switching Machine"		2022 International Journal of Power Electronics and Drive Systems (JPEDS)
6	Dr.M.S.Giridhar	Resource Person	AICTE Book Writing in Telugu	2022	L H R Degree College
7	Dr.M.S.Giridhar	Reviewer	IJPEDS Article Review	2022	Narayana Engineering College (Autonomous), Nellore
8	Mr.A.V.Ravi Kumar	Reviewer	Manuscript entitled "Short -Term Rescheduling of Microgrids with High - Penetration of Smart Electric Vehicles Using Grasshoppers Optimization Algorithm	2022	LBRCE

STUDENT ACHIEVEMENTS :

Academic Toppers: A.Y 2022-23

S.No	Roll No.	Name Of the Student	Name of the award
1	19761A0278	Sravanthi	Branch Topper(Overall)

INTRAMURAL RESULTS FOR THE ACADOMIC YEAR 2022-23

ATHLETICS(BOYS)

	POSITION	NAME OF THE STUDENT	YEAR	REGD. NO.
100 mts. Sprint	II	B.THIRUPATHI NAIK	IV	19761A0203
200 mts. Sprint	III	B.THIRUPATHI NAIK	IV	19761A0203
SHOT PUT	III	B.THIRUPATHI NAIK	IV	19761A0203
DISCUS	III	GOLLA NANDAN KUMAR	IV	19761A0214
JAVELIN	III	B.THIRUPATHI NAIK	IV	19761A0203
LONG JUMP	I	B.THIRUPATHI NAIK	IV	19761A0203

RELAY (4X 100)

POSITION	NAME OF THE STUDENT	YEAR	REGD. NO.
II	B.THIRUPATHI NAIK	IV	19761A0203
	K. VENKATA MAHESH	II	21761A0270
	D. SAGAR	IV	19761A0264
	G. VENKATESWARA RAO	II	21765A0206

BEST MEN ATHLETE: B.TIRUPATHI NAIK, IV EEE, 19761A0203

MEN POWERLIFTING

CATEGORY	POSITION	NAME OF THE STUDENT	YEAR	REGD. NO.
53 Kg	II	M. LEELA SAI CHENDU	I	227611A0279
93 Kg	I	P. ANAND BABU	I	227611A0292

WOMEN BADMINTON (DOUBLES)

POSITION	NAME OF THE STUDENT	YEAR	REGD. NO.
WINNER	J. THUSHITHA SAI	IV	19761A0219
	Y. AKHILA	IV	19761A0253

KABADDI RUNNERS

S.NO	NAME OF THE STUDENT	YEAR	REGD. NO.
1	T.LAKSHMI ALEKHYA	IV	19761A02A1
2	P.NAGA LAKSHMI	IV	19761A0287
3	B LASYA PRIYA	IV	19761A0204
4	J.THUSHITHA SAI	IV	19761A0219
5	B.DEEPTHI	II	21761A0254
6	G.TRISHA	I	22 EEE 004
7	N.SAILAJA	II	21761A0278
8	B.LAVANYA	III	20761A0269
9	K.PUJITHA	III	20761A0224
10	V.SIREESHA	IV	19761A02A4
11	R.GAYATHRI	IV	19761A0236
12	V.VENU MADHAVI	III	20761A02C1

CRICKET RUNNER

S.NO	NAME OF THE STUDENT	YEAR	REGD. NO.
1	A.KEERTHANANJALI	III	20761A0265
2	CH. LAKSHMI PRASANNA	III	20761A0209
3	A. LEELA DIVYA	III	20761A0264
4	M.LALITHA	III	20761A0298
5	T.GEETHANJALI	II	21761A0242
6	V.VENU MADHAVI	III	20761A02C1
7	B. LAVANYA	III	20761A0269
8	T.ALEKHYA	IV	19761A02A9
9	Y. AKHILA	IV	19761A0253
10	I.ASHA LATHA	IV	19761A0268
11	T. BHARGAVI	IV	19761A02A0
12	P. ANUSHA	IV	20765A0216

ATHLETICS(WOMEN)

	POSITION	NAME OF THE STUDENT	YEAR	REGD. NO.
200 mts. Sprint	II	B. DEEPTHI	II	21761A0254
	III	P. pRAMEELA	III	20761A0246
400 mts. Sprint	III	M. HARIKA	II	21761A0226
SHOT PUT	II	PUJITHA	III	20761A0224
DISCUS	I	A.KEERTHANANJALI	III	20761A0265
JAVELIN	I	A.KEERTHANANJALI	III	20761A0265

RELAY (4X 100)

POSITION	NAME OF THE STUDENT	YEAR	REGD. NO.
III	B. DEEPTHI	II	21761A0254
	R. GAYATHRI	IV	19761A0236
	Y. AKHILA	IV	19761A0253
	P.PRAMEELA	III	20761A0246

BEST WOMEN ATHLETE: A. KEERTHANANJALI, III EEE, 20761A0265

Achievements in CoCurricular Activities 2022-23

S.NO.	Roll Number	Name Of The Student	Conducted Institute	Participated in	Date	Prize
1	20761A0271	B.Venu Madhav	LBRCE	Engineers Day Event	15/9/2022	I st Prize
2	20761A02A4	P.Lohith	LBRCE	Engineers Day Event	15/9/2022	II nd Prize
3	21761A0254	B.Deepthi	LBRCE	LAKSHNA-22	28/12/2022	I st Prize
4	21761A0258	G.Naga Bhagya Lakshmi	LBRCE	LAKSHYA-22(PRAGNA)	28/12/2022	I st Prize
5	20761A02B2	Shaik Sameer	LBRCE	LAKSHYA-22 (PROJECT EXPO)	28/12/2022	II nd Prize
6	20765A0203	J.Chitanya Kumar	LBRCE	LAKSHYA-22(PPT)	28/12/2022	I st Prize
7		G.Yaswatnth	LBRCE	LAKSHYA-22(PPT)	28/12/2022	III rd Prize
8	22761A0270	I.Naveen Kumar	LBRCE	LAKSHYA-22(PPT)	28/12/2022	II nd Prize
9	20761A02B2	Shaik Sameer	NRI Institute of technology	SUNRISE 2K23	27/2/2023 & 28/2/2023	I st Prize
10	20761A0271	B.Venu Madhav	PVPIST	SITAR2023	10/3/2023&11/3/2023	II nd Prize
11	20761A02B2	Shaik Sameer	PVPIST	SITAR2023	10/3/2023&11/3/2023	II nd Prize

PUBLICATIONS

FACULTY PUBLICATIONS:

SCIE PUBLICATION:

- **K. Harinadha Reddy**, Improved tunicate swarm search-based MPPT for photovoltaic on a “grid-connected” inverter system, Environmental Science and Pollution Research, 0944-1344, November, 2022, **SCIE**
- **K. Harinadha Reddy**, Machine Learning k-Means Cluster Support S-FSCV Algorithm to Estimate Integrated Network Operating State, Arabian Journal for Science and Engineering., 1319-8025, October, 2022, **SCIE**
- **Mr. B. Pangedaiah**, A robust passive islanding detection techniques with zero-non-detection zone for inverter interfaced distributed generation, IEEE ACCESS, 2169-3536, 08 September 2022, **SCIE**
- Divyendu Kumar Mishraa , AbyThomasb , JinsaKuruvillab , P.Kalyanasundaram c , **K. Ramalingeswara Prasad** , AnandakumarHaldo raie, Design of mobile robot navigation controller using neuro –fuzzy, Computer Vision and Electrical System Technologies, 457906, July 2022, **SCIE**
- G. Radhika, M. Raja Nayak, M. Saritha, **R. Padma**, T. Nagaraju, T. Santhosh Kumar, Maximum Power Point Tracking Algorithm Based on Particle Swarm Optimization to Capture Maximum Power from PV Strings, Sustainable Energy Technologies and Assessments, 2213 -1388, October 2022, **SCIE**
- Siva Kumar Venu, Jayasri Kotti, A.Pankajam, Dharmesh.D, **Dr.G.Nageswara Rao**, Rohit.B, Ankur Gupta, F.Sammy, Secure Big Data Processing in Multi homing Networks with AI - Enabled IoT, Wireless Communication and Mobile Computing, 1530 -8669, August 2022, **SCIE**
- Varaprasad Janamala, K. Radha Rani, **P. Sobha Rani** , A. N. Venkateswarlu, Sai Ram Inkollu, Optimal Switching Operations of Soft Open Points in Active, PROCESS INTEGRATION AND OPTIMIZATION FOR SUSTAINABILITY, 25094246, December 2022, **SCIE**
- **P.Sobha Rani**, K.Radha Rani, Is it feasible to reduce academic stress in net zero energy buildings? Reaction from chat GPT Annals of bio medical engineering ,Springer Nature, 1878-3619, September 2022, **SCIE**

- Balasubramanian, Kishorea | Prabu, A.V.b | Shaik, Mahammad Firosec | **Naik, R. Anjaneyulu** | Suguna, S. Kanimozhie, A hybrid deep learning for patient activity recognition (PAR): Real time body wearable sensor network from healthcare monitoring system (HMS), Journal of Intelligent & Fuzzy Systems, 1875-8967, 2022 SEPTEMBER, **SCIE**

SCOPUS PUBLICATIONS:

- Vivek.v, Narendra babu.R, **Dr.G.Nageswara Rao**, S.Ahamad, Ankur Gupta, C.S.Suri, Securing Online Web Application for IoT Management, IEEE Xplore, 1499-1508, July 2022, **SCOPUS**
- Dr.MYuvaraju, Sumitakumar, Dr.Kamlesh Singh, **Dr.G.Nageswara Rao**, B. Jagadish Kumar, K. Vigneshwarani, Transformer Monitoring and Security System using IoT, IEEE Xplore, 1499-1508, October 2022, **SCOPUS**
- P. venkata mani sudha , **Dr.J.Siva Vara Prasad** , **Mr.J.V.Pavan Chand**, Flywheel Energy Based Energy Power Generator Grid-Connected VSC HVDC Performance Under Faults, Proceedings of the International Conference on Artificial Intelligence Techniques for Electrical Engineering Systems (AITEES 2022), 978-94- 6239-266-3_21, 2022 OCTOBER, **SCOPUS**
- **DIVYA SATYA SREE**, **P.Sobha Rani**, **T.Nagadurga**, Maximum Power Point Tracking Algorithm Based on Particle Swarm Optimization to Capture Maximum, Proceedings of the International Conference on Artificial Intelligence Techniques, 978-94- 6239-266-3_21, 2022 OCTOBER, **SCOPUS**
- Varaprasad Janamala, K. Radha Rani,**P. Sobha Rani** ,A. N. Venkateswarlu, Sai Ram Inkollu, Optimal Renewable Resource for Enhanced Performance of Unbalanced Radial Distribution Systems, Proceedings of the International Conference on Advances in Communications, March 2022, **SCOPUS**
- Antosheeba.J Sangari.A, Sivamani D, Jayashree.K, **A.V.G.A. Marthanda**, R.Ramkumar, Healthcare Monitoring System of Patients using IoT, IEEE Xplore, 1499-1508, October 2022, **SCOPUS**

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