



CONTENTS

1. VISION AND MISSION	1
2. ABOUT THE DEPARTMENT	2
3. PROGRAMME OUTCOMES	3
4. HOD'S DESK	5
5. EDITORIAL MESSAGE	6
6. FACULTY DETAILS	7
7. BOS AND DAB MEMBERS	9
8. MOU's	11
9. DEPARTMENT LABORATARIES	12
10. GUEST LECTURES, WORKSHOPS, CONDUCTED IN THE DEPARTMENT	20
11. FACULTY PUBLICATIONS	45
12. RESULT ANALYSIS	52
13. TRAINING & PLACEMENTS	53
14. STUDENT ONLINE COURSES	55
15. STUDENT ACHIEVEMENTS	60
16. HIGHER STUDIES	61
17. INNOVATION DAY	61
18. BEST PROJECTS	64
19. RENEWABLE ENERGY SOURCES	65
20. ART GALLERY	66

VISION AND MISSION

INSTITUTE VISION

To nurture excellence in various fields of engineering by imparting timeless core values to the learners and to mould the institution into a centre of academic excellence and advanced research.

INSTITUTE MISSION

To impart high quality technical education in order to mould the learners into globally competitive technocrats who are professionally deft, intellectually adept and socially responsible. The institution strives to make the learners inculcate and imbibe pragmatic perception and proactive nature so as to enable them to acquire a vision for exploration and an insight for advanced enquiry.



DEPARTMENT VISION

To impart quality education and strive for centre of excellence in research.

DEPARTMENT MISSION

To prepare future technocrats for a global work place through excellence in teaching and research. The department endeavours to prepare the students professionally skilful, intellectually proficient and socially responsible

ABOUT THE DEPARTMENT

Velagapudi Ramakrishna Siddhartha Engineering College, established in the year 1977, is the first private Engineering College in the state of Andhra Pradesh. It is a selffinancing institution which owes its foundation to the bold and inspired vision of Siddhartha Academy of General and Technical Education, Vijayawada. Established in the year 1977, the EEE department offers two programs, one undergraduate and one



graduate. The undergraduate program is the B. Tech. Program in Electrical and Electronics Engineering (EEE) with an intake of 144. The graduate program is the M. Tech. Program in Power Systems Engineering (PSE) with an intake of 18. The department has thirty-three qualified faculty supported by twelve technical and administrative staff. The faculty composition is four Professors, four Associate Professors and twenty-two Assistant Professors with 15Ph.D and fifteen M.Tech. The faculty is also committed for research and publishing papers regularly in different areas. The research area comprises Optimal Control Systems, Power System Operation and Control, HVDC Transmission, Electric Drives, Power Quality, Distributed Generation, Gas Insulated Substations, Reduced order modeling, Optimal power flow, FACTS etc. The EEE department having ten laboratories which are well equipped with advance equipment.

The Department is equipped with High Voltage Engineering Lab, AC Network Analyzer and EHV 220kV Transmission Line Simulator in Power Systems Lab first of its kind in any private engineering college in A.P. Also, the department is actively engaged in consultancy work in electrical meter testing and third-party quality assurance for Vijayawada Municipal Corporation electrical works. The technical staff provides assistance to faculty for various laboratories and they provide electrical maintenance for the college campus. Department produces well-disciplined students with high pass percentage and good campus placements. For the last forty-two years, the department has produced highly professional and competitive engineers with greater quality and appropriate skills suitable for a rapidly changing industrial scenario. Our alumni are well established in India as well as abroad.

Under Graduate Program of our department is accredited by National Board of Accreditation (NBA) for a period of 5 years i.e., from 01-07-2015 to 30-06-2020.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- **PEO1:** Excel in chosen career and/or higher education.
- **PEO2:** Exhibit professionalism, ethical, attitude, communication skills, team work and adapt to current trends by engaging in lifelong learning.
- **PEO3:** Demonstrate technical competence in solving engineering problems that are economically feasible and socially acceptable.

PROGRAMME OUTCOMES (POs)

- **PO1:** Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **PO2: Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **PO3: Design/Development of Solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations
- **PO4:** Conduct Investigations of Complex Problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **PO5:** Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and

modelling to complex engineering activities with an understanding of the limitations.

- **PO6:** The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **PO7:** Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **PO8: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **PO9:** Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **PO10:** Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **PO11: Project Management and Finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **PO12:** Life-long Learning: Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

- **PSO1:** Understand analyze and design systems that efficiently generate, transmit, distribute and utilize electric power.
- **PSO2:** To expertise in the technology associated with efficient conversion and control of electrical Power to the required form.

HOD'S DESK

I am delighted to learn that our department is bringing out a magazine for the academic year 2020-21. I hope that this would be an ongoing process and the magazine would bring out the latent talent of everyone. Electrical and Electronics Engineering (EEE) department has grown abundantly in the recent past and continues to sustain its growth. People reading this magazine will realize the tremendous changes that are happening in the EEE department.



The magazine is presenting a glimpse of the growth of the department on many fronts. The department has been simply unstoppable in its progress as it has been actively involved in various activities that have brought to enlighten the hidden talents of the students and faculty. The highly qualified and dedicated faculty have always stood shoulder with the management and have carried out their duties with a level of commitment. This magazine has recorded achievements of department by faculty and students in various events. They stand as a witness to the monumental efforts taken by the management to make the department a centre of excellence in education and research. It is my pleasure to congratulate the Management, Principal and the editorial team that has taken the initiative for producing this magazine. I am sure that through the magazine readers will get a bird's eye view of EEE department and its wonders.

Yours Dr. P.V.R.L. NARASIMHAM Professor & Head

EDITORIAL MESSAGE

It is an occasion of immense pleasure for the Department of Electrical and Electronics Engineering to compile the magazine 2020-21. The name and fame of an institute and department depends on the calibre and achievements of the students and faculty. The role of a faculty is to be a facilitator in nurturing the skills and talents of students. This magazine is a platform to enhance the innovative ideas and technical skills of faculty and students. It also provides opportunity to exhibit the literary and cultural skills of students. This magazine presents all the achievements of students and faculty. The Editorial board would like to place on record our gratitude and heartfelt thanks to all those students and faculty who have contributed to make this effort a success. The Editorial board also wants to thanks the Management of the Institute, Principal and Head of the department for inspiring us to go forward in presenting this magazine. We truly hope that the pages that follow will make an interesting read.

Dr. B. SRINIVASA RAO PROFESSOR CHIEF-EDITOR Dr. J. RAMESH ASSOC. PROFESSOR EDITOR Mr. P. VENKATESH ASST. PROFESSOR EDITOR

FACULTY DETAILS

S.NO	NAME OF THE EMPLOYEE	DESIGNATION
1.	Dr. P V R L NARASIMHAM	Professor & Head
2.	Dr. M S KRISHNARAYALU	Professor
3.	Dr. A. RAMA DEVI	Professor
4.	Dr. B. SRINIVASA RAO	Professor
5.	Smt S.V.R. LAKSHMI KUMARI	Assoc. Prof.
6.	Dr.G. SRINIVASA RAO	Assoc. Prof.
7.	Dr. B. VENKATESWARA RAO	Assoc. Prof.
8.	Dr.J. RAMESH	Assoc. Prof.
9.	Dr. N. VAMSIKRISHNA	Sr.Asst.Prof
10.	Sri P. VENKATESH	Asst.Prof
11.	Sri S. N. V. S. K. CHAITANYA	Asst.Prof
12.	Sri T. SUNEEL	Asst. Prof
13.	Sri M. L. N. VITAL	Asst. Prof
14.	Sri R. GIRIDHAR BALA KRISHNA	Asst. Prof
15.	Sri K SRIKANTH	Asst. Prof
16.	Sri R MADHU SUDHANA RAO	Asst. Prof
17.	Sri V HARI VAMSI	Asst. Prof
18.	Sri T PURNACHANDRA RAO	Asst. Prof
19.	Sri T AJAYKUMAR	Asst. Prof
20.	Sri G. VENKATESWARLU	Asst. Prof
21.	Dr. A. VEERA REDDY	Asst. Prof
22.	Dr.P. CHANDRA BABU NAIDU	Asst. Prof
23.	Dr. ZAMEER AHMAD	Asst. Prof
24.	Dr. L.SURESH	Asst. Prof
25.	Dr.M.HAREESH	Asst. Prof
26.	Dr. B G TILAK VANGALAPUDI	Asst. Prof
27.	Sri. K. SAI TEJA	Asst. Prof
28.	Sri. P. SOWMITH	Asst. Prof

29. Sri. B. VARUN KUMAR	Asst. Prof
30. Dr. SUBHOJIT DAWN	Asst. Prof
31. Sri K V RAMANA	M.E

VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING TEACHING & NON TEACHING STAFF - 2021



BOARD OF STUDIES (BOS) MEMBERS



Dr. P. V. R. L. Narasimham Department of EEE V.R.S.E.C, Vijayawada Chairman -BOS Committee

Members of BOS



Dr. Suryanarayana Professor Dept of Energy Systems IIT Bombay



Dr. K. Sivakumar Associate Professor Dept. of Electrical Engineering IIT Hyderabad



Dr. Siva Sarma DVSS Professor Dept. of Electrical Engineering NIT Warangal



Dr. M.P. Selvan Associate Professor Department of EEE NIT Trichy



Dr. J.S.Siva Prasad Senior Scientist ABB GISPL Chennai, India

DEPARTMENT ADVISORY BOARD (DAB) MEMBERS

- Dr. P.V.R.L. Narasimham, HOD-EEE department and Chairman, Department Advisory Board.
- Dr. G.V.Maruteswar, Professor & HOD-EEE, S V University College of Engineering, Tirupati DAB Member.
- Er. K. BalaKrishna, Executive Manager (R & D), M/S Effctronics Pvt Ltd., Vijayawada, Representative from Industry DAB Member.
- Er. Raja Babu Chief Engineer APTRANSCO representative from Electricity Board DAB Member.
- Er. R. Sreeram, CEO, Eruvaka Technologies Pvt. Ltd, Vijayawada, representative from Industry DAB Member.
- Er. K. Rajasekhar, Analog Design Engineer (ASC), Texas Instruments Pvt. Ltd, Bangalore, representative from Industry DAB Member.
- Er. M.R.V.Rajesh, SENIOR MANAGER (ELECTRICAL), RAIN CII Carbon Company, Visakhapatnam, representative from Industry DAB Member.
- Dr. P.Roshan Kumar, Subject expert in Power Train, Micro fuzzy, Germany, representative from Industry DAB Member.
- Dr. M.S.K Rayalu, Professor.
- Dr. B. Srinivasa Rao, Professor, PG coordinator.
- Dr. A. Rama Devi, Professor, UG programme coordinator.

MEMORANDUM OF UNDERSTANDING (MOU)

Our department has signed MOUs with the following companies to undertake research and project work with the following companies.

S. No.	Name of the Industry/Institute/ Organization	Date of MOU
1.	M/S Energy Efficiency Services Limited (EESL)-New Delhi	28/08/2017
2.	M/S Andhra Pradesh State Skill Development Corporation – Siemens-Vijayawada	11/11/2017
3.	M/S Power Research & Development Consultants(PRDC)- Bangalore	04/12/2017
4.	M/S Kumar Pumps and Motors-Tenali	March 2018
5.	M/S Pantech Proed Pvt. Ltd Chennai	05/09/2018
6.	M/S G.S. Electricals - Vijayawada	November 2018
7.	M/S Microlink Peripherals Controls Pvt. Ltd Vijayawada	November 2018
8.	M/S Soltek Photovoltek Pvt. LtdVijayawada	February 2019
9.	M/S Imperial Society of Innovative Engineers (ISIE) India	13/05/2019
10.	M/S Panda Solar - Vijayawada	August 2019
11.	M/S Sarda Metals & Alloys Ltd – Vishakhapatnam	03/09/2019
12.	M/S AVERA Electric Vehicles(Bikes & Scooters)-Vijayawada	March 2020
13.	Plexim Gmbh Techno Switzerland	June 2020



DEPARTMENT LABORATORIES

1. ELECTRICAL MACHINES LAB

Machines Electrical Laboratory is exclusively intended students of Electrical for & Electronics Engineering for conducting various experiments on electrical machines. The total cost of the equipment is around Rs. 40 lakhs. The laboratory is equipped with 37 experimental setups with branded machines which include DC Machines. Transformers. Alternators, Induction Machines, Synchronous Motors. special machines and Synchronizing Panel



etc. All the experimental panel boards are established with digital meters of our own make. All machines are set up in the laboratory with the facility of loading up to 125% of full load. The lab facilities are sufficient to conduct experiments as per the syllabus and beyond the syllabus. The lab also provides with necessary protection like insulating mats, fire extinguishers etc. The lab gives the students sufficient practical knowledge and industrial applications of electrical machines. We are in the process of development of multi-function meters of our own make.



2. POWER SYSTEMS LAB

Power systems lab caters the needs of seventh semester B.Tech EEE students as well as M.Tech Power Systems Engineering students. The lab is also used by both UG and PG students for their project works. The laboratory has state of the art equipment for all areas of power system engineering. The laboratory is equipped with all kinds of relay technologies from electromagnetic, static, microprocessor-based relays to the latest numerical relays with SCADA.



The laboratory houses GE make multiline IEDs D60, F650 Numerical relays. ABB REJ-601 relays are available in the lab. Other protection equipment like L&T make 650A Air Break circuit breaker with 1000A source, numerical transformer differential relay is also available. The laboratory has 30km length transmission line model, AC network analyser and six personal computers for power system modelling and analysis. The laboratory also has two numbers of salient pole alternator sets, three phase transformer and tap-changing transformer for fault studies. A programmable 5kW DC source which can be used to simulate solar PV system has been procured for studies on solar PV generation system. The power systems laboratory has adequate facilities for use of both UG and PG students in the field of power system engineering.

3. ELECTRICAL MEASUREMENTS LAB

The electrical measurements lab is one of the basic laboratories offered by the department of electrical and electronics engineering for the EEE students. The laboratory meets the theoretical concepts taught in the Electrical Measurements subject 17EE3402 of VR-17 regulation.

The experimentation is done on AC and DC bridges, energy meters, current transformer and potential transformer. The laboratory also has some major equipment like Power quality analyser (FLUKE 435 series-II), Current Transformer test set, Potential Transformer test set, which are helpful even in research activity.



4. CONTROL SYSTEMS LAB

Control systems and microcontrollers laboratory helps the students in enhancing their knowledge and skills in different concepts of control systems like Modelling control and design of systems. This includes hardware like PID controllers, Synchros, compensators, and DC Generators etc.

The laboratory also houses personal computer and varied range of microcontrollers ranging from 8086 microprocessor, 8051 Microcontroller controllers to the latest Programmable Logic Controllers (S7 200 CN), ARM (LPC214x)



controllers, FPGA (Basys3 A7) and advanced DSP controllers (TMS320ezdsp).



5. UG COMPUTER LAB

This Laboratory has been developed to perform simulation of real time machines, control systems on a virtual platform. They can vary any of the parameters and observe, analyse their effect immediately, which is not possible in the real time system. Hence it provides them with better understanding of what they have studied theoretically and performed practically on physical machines/ systems. Computer applications lab provides general computing facilities to students of Electrical & Electronics Engineering.



This laboratory is equipped with 45 desktop computers. The laboratory is fully air conditioned and provides printing and presentation facilities. The students of EEE branch perform programming related to numerical methods such as Bisection Method, Newton-Raphson Method, Gauss-Seidel method, Gauss-Jordan method etc., using the C++ programming language. The computer applications laboratory serves the needs of UG students for carrying out their Simulation Studies/project works/ Research related to Electrical Engineering. The laboratory is equipped with soft computing tools like MATLAB 2014b, MI Power V10.0, PSCAD/EMTDC V4.4, PSIM 6.0, EMTP, Pspice, Orcad Version 9.1, PV Sol 2016.



6. PG COMPUTER LAB

This Lab is exclusively for Post Graduate students for performing simulations of their project works in addition to the simulation lab experiments which are related to the power systems. This laboratory has 18 desktop computers with high configuration DELL I5, 7th GEN, 8 GB DDR IV RAM, 1TB HDD.



The lab is also equipped with a scanner, printer and a server with power back up. All the computers are installed with latest software computing packages like MATLAB, PSCAD, PSPICE, MI-Power 9.1, PSCAD, PVSOL and Power World simulators



7. POWER ELECTRONICS LAB

Power electronics lab deals with the application of solid-state power semiconductor devices for the control and conversion of electric power. Power electronics have already found an important place in modern technology and are now used in great variety of applications with power levels ranging from watts to mega-watt. Such applications include, heat controls, light controls, motor control, power supplies, vehicle propulsion systems and high voltage direct current (HVDC) systems. State of the art equipment like three phase IGBT Stack, 24 switch inverter stack, V/F ratio control of Induction motor drive and latest Digital storage oscilloscopes are available in the lab. The Power Electronic lab provides an introduction to Power Electronic circuits and its applications for the control of Power.





8. HIGH VOLTAGE LABORATORY

High Voltage Laboratory is one of the laboratories in Electrical Engineering Department in V.R Siddhartha Engineering College established under MODROB in year 2000 with a plinth area of (32ft x 22ft). It consists of one HV transformer with 100kV, 10mA continuous, HDVC of 140kV DC and two stage Impulse unit of each 140 kV 280 joules, 100 kV Motorized Test Vessel for Vacuum & Pressure Testing with Corona Cage, 100 kV Enclosed Sphere Gap for Liquid Insulation Breakdown Test kit and fabricated Oil testing kit of 100kV HVAC. The laboratory caters the needs of both UG and PG students. It has 3 units and one control panel.



9. ELECTRONICS LAB

This laboratory lays the foundation for students on electronic components testing like Diode, Transistor, LED, Photo diode, ICs, colour coding of Resistors and CRO basics. Electronics Lab is divided into two groups: Electronics devices lab & Digital electronics lab. In Electronics devices lab, each individual student solder the components on PCB and conduct the experiment to test the working of analog circuits such as rectifiers with and without filter, transistors in



common based and common emitter configuration and characteristics of PN junction diode and Zener diode etc. In Digital electronics lab, students understand the data sheet of different ICs like 74LS08, 74LS32, 74LS04, 74LS00, 74LS02 etc.



The realization of logic gates is universal using gates, implementation of Boolean function and verification of flipflops using logic gates are discussed in digital lab. This lab provides the design of Printed Circuit Boards (PCBs) in software followed by routing and etching process. This makes each individual student to develop their own hardware prototype setups.

INNOVATION AND INCUBATION CENTER



The department has a wellestablished Innovation and Incubation Centre. The centre is established during academic year 2015-16 with a foot area 63.06 square meters. Innovative and incubation centre is the place to develop hardware projects, products and to do R&D by the students and faculty. The centre is equipped with all verities of

electronics components like, sensors, relays, power supply components motors etc and proper tools to assemble circuit components. This centre also equipped with facility to make PCB boards the centre is utilizing by all students and staff to develop hardware projects in the field of Electrical and Electronics Engineering application. The developed hardware projects are exhibiting in this centre for the future reference to demonstrate the students by the staff.

DEPARTMENT LIBRARY

The department library has a stock of 833 volumes with 418 titles of books, has 772 volumes for UG and 61 volumes for PG students. Standard text books and books by authors of repute in all fields are stocked at the department library. The department library has access to National journals, magazines and e-Journals like IEEE, ELSEVIER which have subscription at institution level. The Staff and Students can access NPTEL Video Lessons, Old Question Papers, e-books and e-journals through Intranet service Ph.D. thesis reports of faculty, research papers of faculty available throughout the campus.



GUEST LECTURES, WORKSHOPS CONDUCTED IN THE DEPARTMENT

1. One Week National Level Online Short Term Training Program (STTP) - Phase-I



One Week National Level Online Short Term Training Program (STTP) conducted On **Recent Trends and Challenges in Power Market with Smart Grid Technology (Phase-I) from 2nd - 7th November, 2020**. This STTP was coordinated by Dr. B.Srinivasa Rao, Professor, EEE Department of VRSEC, and Vijayawada. There are 7 eminent professors from academic institutions and 4 industrial experts have delivered talks during this STTP. Totally 63 participants have been attended this one week STTP program (phase-1).

The inaugural function of STTP scheduled @ 9.30AM on 2-11-2020 (Monday) through virtual Mode: ZOOM Platform. The following esteemed personalities were present during the inauguration session of the programme:

- Dr. R.Nagaraja, Managing Director, PRDC Pvt. Ltd., Bengaluru
- Dr. A. V. Ratna Prasad, Principal, VRSEC
- Dr. PVRL Narasimham, HoD, EEE, VRSEC
- Dr. B. Srinivasa Rao, Coordinator of STTP & Professor in EEE, VRSEC





Inaugural Function of STTP scheduled @ 9.30AM on 2-11-2020 (Monday)



2. Online webinar on IOT based Technologies

On 20.11.2020 motivational speech arranged on "**IOT based Technologies**" through Institutions Innovation Council via ZOOM meeting. The program arranged by (Faculty coordinator) Dr. M Hareesh Assistant Professor with the resource person **Mr. S Gangadhara Rao Boppana**, Co-founder and CEO of STABILITY Hyderabad. Totally 168 students and 38 department faculties attended the program. The main objective of the program to motivate the students to become Good Innovators.

	M Hareesh Assis	rachelannelnara	5 Gannadhara	a SVR Lakshmi K	Lanka Rakesh			activitientes center		
							Q. Find a partic	2 Find a participant		
	Remove Pro O Factor	dog. H #					Cepartment	nt of E_ (Host, me) (1.11	
							pvrlmas	asim (Co-host, gaes	10 ÷ 1	
			Velagapud	Remakstationa			50 5 Gangard	harar (Co-host, gees	4 m	
			Siddhartha Eng	ineering College			178W1402	273 (Guest)	#	
			Apprentices to black and it likeling	Webrinset			1 170+1402	87 (Guerf)	#	
			"IoT Base	d Technologies"			V 178W1407	(B6 (RAHUL) (Guent)	H	
			Organized by Institute relation with Department of	tion Innovation Council (Distant & Electronics Engineer			1989/1A07	166 Pravalika (Guett)	#	
		Sec. 2		-			196W1A0	185 Banavathu (Gue	10.14	
			10.00	888 to 11.30 AM			1 198W1A02	(03 (Guest)	#	
			Mr. S Gar	gadhararao Boppana			198991407	105 (Guest)	#	
			Co-tasedo are	FCCD of STRATUTY , Hydroniand			1 158WUAD	116 (Guett)	#	
			0an //mem.an/2/9207112	Eners Johns Link 1995 Tawar, POL Pallar DEFTRAT			1 1989/1403	225 (Ouest)	W	
							1 TREWTAC	142 (Guest)		
E Departe	ment of EEE VESEC						1959/1401	132 (Overf)		
#	- Ma	÷ 44	. ¹¹¹ ~	💻 🛄 🗠	00	End	Inuite	Mute All	-	
		Security Particip	ants Parlis	Chat StareScore	Penne/Stop Recording	Contraction of the local division of the loc		AND REPARTAN	_	

3. Online webinar on Know your electrical appliances Bridging the gap between theory and practice

On 9.12.2020 motivational speech arranged on "A webinar on Know your electrical appliances Bridging the gap between theory and practice" through Institutions Innovation Council via ZOOM meeting. The program arranged by Faculty coordinator Dr. M Hareesh Assistant Professor and Dr. L Suresh Assistant Professor with the resource person: **Mr. B. Koti Reddy** Scientific Officer, Department of Atomic Energy, Govt. of India and **Mr. Krishna Sandeep Ayyagari**, Doctoral Candidate, The University of Texas at San Antonio, USA. Totally 62 students and 7 department faculties attended the program. The main objective of the program to motivate the students to become Good Innovators.





4. Online webinar arranged on "Energy Conservation Day-2020"

On 14.12.2020 one webinar arranged on "Energy Conservation Day-2020" through The Institutions of Engineers (India) via ZOOM meeting. The program arranged by Dr. B.Srinivasa Rao, Professor, EEE Department of VRSEC, and Vijayawada with the resource person **Mr. G.M. Sharat Chandra,** Chief Manager, National Load Dispatch Centre, Power System Operation Corporation Delhi. The main objective of the program to understand the industrial Competitiveness through Energy Savings.



5. One Week National Level Online Short Term Training Program (STTP) -Phase-II



One Week National Level Online Short Term Training Program (STTP) On Recent Trends and Challenges in Power Market with Smart Grid Technology (Phase-II) from 28th Dec – 2nd Jan, 2021. This STTP was coordinated by Dr. B.Srinivasa Rao, Professor, EEE Department of VRSEC, and Vijayawada. There are 5 eminent professors from academic institutions and 4 industrial experts have delivered talks during this STTP. Totally 45 participants have been attended this one week STTP program (phase-II).

The inaugural function of STTP scheduled @ 9.30AM on 28-12-2020 (Monday) through virtual Mode: ZOOM Platform. Dr. M. Sydulu, Professor, NITW, Warangal, Telangana, acted as chief guest and delivered a key note address during inaugural session of STTP.





6. International Conference on Smart and Intelligent Systems (SIS-2021)





Prof. Frede Blaabjerg Aalborg University, Denmark



Prof. Vincenzo Piuri University of Milan, Italy Prof. P. N. Suganthan Nanyang Technological University, Singapore



Prof. Pierluigi Siano University of Salerno, Italy

Organized by **Department of Electrical and Electronics Engineering** VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE

Mode of Conference : Online

(AUTONOMOUS) VIJAYAWADA-520007, A.P., INDIA.

We are very pleased to inform you that the Department of Electrical & Electronics Engineering, Velagapudi Ramakrishna Siddhartha Engineering College (Autonomous), Vijayawada, Andhra Pradesh, India had organized an "International Conference on Smart and Intelligent Systems (SIS-2021)" during February 25-26, 2021. This International Conference was inaugurated with a welcome address by Dr. P.V.R.L. Narasimham, Conference Chair and Head of EEE Department, Velagapudi Ramakrishna Siddhartha Engineering College. In the speech, honourable conference chair stated the importance of such an International conference during this COVID 19 pandemic situation. Dr. Subhojit Dawn, Organizing Chair, SIS-2021 have discussed the actual scenario of the conference in front of all participants.

Many prominent technical experts from various parts of the globe (Denmark, Italy, and Singapore) were present as Keynote Speakers in this International conference. **Prof. P. N. Suganthan**, Associate Professor, Nanyang Technological University, Singapore was our first Keynote Speaker. He had delivered a lecture on "Randomization-based deep and shallow learning algorithms". In the 2ndKeynote session, **Prof. Vincenzo Piuri**, 2021-22 IEEE Region 8 Director-Elect, Professor, University of Milan, Italy was with us. **Dr.Piuri** delivered a lecture on "Artificial intelligence for industry and environment". The 3rd Keynote session was started with a speech by **Prof. Frede Blaabjerg**, Professor, Aalborg University, Denmark. **Prof. Blaabjerg** discussed about "Power electronics — the key technology for grid integration". All the speakers have put some lights on the research innovations in their respective fields. This is an event of global scale which brings together researchers from all over the world on a single platform. This provides an opportunity to bring together researchers which facilitates for amalgamation of researches conducted throughout the world with one idea for betterment of technological advancement in the field of smart and intelligent systems.

We have received overwhelming response for this conference. An impressive submission of more than 150 papers from various parts of India for SIS-2021. Among all those impressive works the best 58 papers were selected. Finally 51 papers have been registered. The transparency in the method of selection of paper was maintained throughout the review process. Plagiarism or originality of the papers was verified using Turitin software. Blind review was maintained throughout the process. Reviewers were from reputed institutes like NITs and IITs and many other reputed institutes from India and abroad were given the task for review process. Advisory and Technical committee are constructed by the faculties from reputed Institutes from India and abroad. This International conference was concluded with the speech of Dr. B. Srinivasa Rao, Organizing Chair, SIS-2021. He had given special thanks to **Springer** as being part of the conference as publishing partner, **Soft Computing Research Society (SCRS)** for being our technical partner.

On behalf of the Department of Electrical & Electronics Engineering, Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh, India this International Conference (SIS-2021) was coordinated by Dr.Subhojit Dawn, Assistant Professor of EEE Department, VRSEC and Dr. B. Srinivasa Rao, Professor of EEE Department, VRSEC. We give best wishes to all the participants for their future.

Keynote Speakers:

Prof. FredeBlaabjerg, Professor, Aalborg University, Denmark.

Prof. Vincenzo Piuri, 2021-22 IEEE Region 8 Director-Elect, Professor, University of Milan, Italy.

Prof. P. N. Suganthan, Associate Professor, Nanyang Technological University, Singapore.



Some Glimpses of the Program







7. One day seminar on "INDUSTRY ELECTRICAL SAFETY AND ARC FLASH"

IQAC cell and Department of Electrical and Electronics Engineering, VRSEC has successfully organized a one day seminar on "INDUSTRY ELECTRICAL SAFETY AND ARC FLASH" for Margdarshan Mentee Colleges on 2nd May2021. The program arranged by (Faculty coordinator) Dr. A.Rama devi Professor with the resource person **Er.M. R. V. Rajesh,** SENIOR MANAGER (ELECTRICAL), RAIN CII Carbon Company, Visakhapatnam. A total of 58 participants from 10 mentee colleges, other colleges and host institutions have been deputed and attended the program through online mode. The main objective of the program to create the awareness about INDUSTRY ELECTRICAL SAFETY AND ARC FLASH to faculty and students.



8. One day seminar on Orientation on Fire Services and Electrical Safety



IQAC cell and Department of Electrical and Electronics Engineering, VRSEC has successfully organized a one day seminar on "Orientation on Fire Services and Electrical Safety "for Margdarshan Mentee Colleges on 9th May2021. A total of 67 participants from 11 mentee colleges, other colleges and host institutions have been deputed and attended the program through online mode. The session started by Dr. A.V Ratna Prasad, principal VRSEC explained the objective of the program, effective utilization of seminar by each faculty. Prof. P. V. R. L. Narasihmam, garu, HoD, Department of Electrical and Electronics Engineering, to give the message about the one day seminar. Dr. B.Venkateswara Rao, Associate Professor, Department of EEE co-ordinate the program.

The recourse person, **Dr. N Gouthamkumar**, Assistant Professor-Electrical Fire Wing, National Fire Service College, Nagpur, delivered their views on "Orientation on Fire Services and Electrical Safety"

The objectives of this seminar are:

- 1. To understand the fire services
- 2. Demonstrate on how to provide electrical safety
- 3. Able to illustrate methods of extinction
- 4. Able to illustrate classification of fire
- 5. Demonstrate on various electrical hazards



· At Uncontrollable Stage: Dial 101 for a local Fire Brigade to

-

L

suppress the fire.

0

📣 🎊 🖸

Meeting details \land

(7)

••• Head EEE Dep...

23

Turn on captions

Raise hand

X

W

🔇 sudheer kum.

÷

Dr Gouthamkumar Nadakuditi is presenting

▲ 🕑 11:32 /

9. Webinar on Electric Vehicle Design- VRSEC & PANTECH - 30.06.2021 3:45 - 5:00PM

Resource Persons: Mr.Sreenivasula Ala, M.Tech.,

Programme Convenor: Dr. P.V.R.L. Narasimham, HOD/EEE

Programme Coordinator: Dr. J.Ramesh, Associate Professor/EEE

Venue: Online mode

The Electric Vehicle Design programme has been conducted by the Pantech ProEd Pvt Ltd resource person. They have discussed about the basics of electric vehicle design. In this programme they are clearly explained about necessity of electrical vehicle in the current situation. In this programme totally 110 students are joined from second and third year EEE. Through the programme this students were got the knowledge about the electric vehicle design. During this programme some of the projects were showing to understand the techniques. This programme is really useful for students to understand current trends in the society.



VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE (AUTONOMOUS), VIJAYAWADA-520007, ANDHRA PRADESH. DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

WEBINAR ON ELECTRICAL VEHICLE DESIGN

30TH JUNE 2021, 03:30 TO 05:00 PM

Convenor : Dr.P.V.R.L.Narasimham,Ph.D HOD - EEE

Co-ordinators: Dr.J.Ramesh, Ph.D Associate Professor-EEE

www.pantechelearning.com






FDP/WORKSHOPS/WEBINAR ATTENDED BY FACULTY

S. No	Торіс	Organizing Institute	Dates of the Event	Name of the Faculty	FDP/ Workshop /Seminar /Webinar
1.	Online FDP on Electric vehicles	ATAL Academy	1-9-2020 to 5- 9-2020		FDP
2.	One day National Level Webinar on "Recent Trends in Inverter Topology"	Gurunanak Dev Engineering College, Bidar, Karnataka	11-Jul-20		Webinar
3.	Innovation: What, Why and How?	IEEE Bangalore Section and IEEE India Council	19-Jul-20		Webinar
4.	Teaching Control Systems with MATLAB and Simulink	Mathworks	10-Aug-20	Dr. B.Srinivasa Rao	Webinar
5.	Hands-on working with E-Tap Modules: Draw SLD, Load Flow and Fault current Study	Mahatma Gandhi Institute of Technology, Hyderabad	26-07-2020		Webinar
6.	Faculty Development Program (FDP) on "Research Grant for Higher Education"	Navjivan Center for Development, Gujarat	19-12-2020		FDP
7.	Vision of India's new education system "National Education Policy 2020 (NEP 2020)"	Chandubhai S. Patel Institute of Technology (CSPIT), Charotar University of Science and Technology , (CHARUSAT)	27-04-2021		Webinar
8.	One Day Webinar on Electrical Power Systems, Renewable Energy, Smart Grids & Switchgear Protection using NEPLAN Simulation software	India soft Technologies (P) Ltd.	03-11-2020		Webinar

9.	Two days State Level Faculty Development Programme on "Quality Sustenance and Enhancement Parameters – NAAC and NIRF Ranking Framework	Marudhar Kesari Jain College For Women, Vaniyambadi	06-08-2020 to 07-08-2020	FDP
10.	One Day Webinar on AI Techniques in Power Systems	Guru Nanak Intitutions Technical Campus, Hyderabad	19-07-2020	Webinar
11.	Modelling & Simulation of FACTS Controllers using MATLAB	JB Institute of Engineering & Technology, Hyderabad	10-06-2020	Webinar
12.	Three day FDP on "Outcome Based Education"	SR Institute of Management & Technology	16-07-2020 to 18-07-2021	FDP
13	FDP on "Design and Development of Control Strategies on Electrical Power Applications - An Industrial Perspective	PVPSIT, Vijayawada	07-12-2020 to 12-12-2020	FDP
14	International Webinar "Towards Ubiquitous Millimetre Wave Networks and Applications	PVPSIT, Vijayawada	26-08-2021	Webinar
15.	Introduction to PLECS Tool for Power Electronics Applications	Department of EEE, V R Siddhartha Engineering College in association with PLEXIM, Switzerland, Sponsored by AICTE Margadarshan Scheme	02-07-2020 to 06-07-2020	Workshop
16.	How to motivate the faculty in guiding the quality projects	Department of EEE, V R Siddhartha Engineering College	12-04-2021	Seminar
17.	Orientation on Fire Services and Electrical Safety"	Department of EEE,VRSEC	09-05-2021	Seminar

18.	"ICT Tools for Teaching, Learning Process and Institute"	Jointly organized by EICT Academies- NIT Patna, MNIT Jaipur, IIT Roorkee, IIITDM Jabalpur, IIT Guwahati	10-08-2020 to 21/8/21		FDP
19.	PG NBA Process - SAR Preparation" under AICTE Margdarshan	AICTE Margadharshan	31-08-2021 to 1-09-2021	Dr.A.Rama Devi	Workshop
20.	Global Sustainable Development: Role of Science & Technology	VRSEC	07-06-2021		Webinar
21.	Online webinar on Innovation and Design thinking	APSSDC	27-07-2020		Webinar
22.	Online workshop on Introduction to PLECS Tool for Power Electronics Applications	EEE, VRSEC	2-6 July 2020		Workshop
23.	Online seminar on India's First leadership talk	MHRD	11-07-2020		Seminar
24.	Coursera - Solar Energy and Electrical System Design	Coursera	22-08-2020		Online non credit course
25.	Online workshop on PG NBA Process - SAR Preparation" under AICTE Margdarshan	EEE, VRSEC	31/08/2020 to 01/09/2020	Dr.G.Srinivasa Rao	Workshop
26.	Online STTP on Recent Trends and Challenges in Power Market with Smart Grid Technology	EEE, VRSEC	02/11/2020 to 07/11/2020		STTP
27.	Outcome Based Education; Importance of Outcomes, Assessment and Evaluation for Accreditation	EEE, VRSEC	14/08/2020 to 16/08/2020		FDP under AICTE Margdarshan

28.	AICTE STTP on "Recent Trends and challenges in Power Market with Smart Grid Technology"	EEE, VRSEC	2-11-2020 to 7-11-2020	STTP
29.	One Day Seminar on How to Motivate the Faculty in guiding the quality projects & How to convert ideas in to viable product	EEE, VRSEC	12-04-2021	FDP
30.	Process of Innovation Development (Inspire to Innovate)	ME,VRSEC	17/12/2020	Webinar
31.	35th Indian Engineering Congress	Institution of Engineers India, Calcutta	18-20 December 2020	Seminar
32.	Business Model Canvas	ME, VRSEC	24/03/2021	Webinar
33.	Design Thinking	NPTEL	Sep 1 to Oct 31, 2020	FDP
34.	Innovation Ambassador training (Advanced Level) conducted by MoE's Innovation Cell & AICTE	MoE's Innovation Cell & AICTE	30th June - 30th July 2021	FDP
35.	National IP Literacy	Organized under KAPILA, MIC, Govt of India	15-23 October 2020	STTP
36.	Coursera- Energy: The Enterprise	University at Buffalo and the state University of New York.	19-08-2020	Coursera
37.	Safety in the Utility Industry	University at Buffalo and the state University of New York.	17-08-2020	Coursera
38.	Energy Engineering	North Eastern Regional Institute of Science and Technology.	21-09-2020 to 25-09-2020	FDP

39.	Intellectual Property Rights	Department of IT, V R Siddhartha Engineering College in association with TATA Consultancy Services	26-08-2020 to 28-08-2020		FDP
40.	Introduction to PLECS Tool for Power Electronics Applications	Department of EEE, V R Siddhartha Engineering College in association with PLEXIM, Switzerland, Sponsored by AICTE Margadarshan Scheme	02-07-2020 to 06-07-2020		Workshop
41.	Future scope of engineering in global development	Department of ECE, Velalar college of engineering and technology, Tamilnadu in association with Pantech solutions, Chennai	27-07-2020 to 31-07-2020	Dr. B. Venkateswara Rao	Industrial Training
42.	Solar Grid Tied System using WAVECT	Entuple technologies	16-06-2021		Webinar
43.	Challenges and Research Opportunities in the area of Communication &Signal Processing	CMR Engg College Hydrabad	20.07.2020 to 24.07.2020		STTP
44.	System Modelling and Control Methods	SCMS School of Engg & Tech Ernakulam	13.07.2020 to 17.07.2020		FDP
45.	Applications of Artificial Intelligence of Modern Power System	St.Joseph Engg College Chennai	20.07.2020 to 24.07.2020	Dr.J.Ramesh	FDP
46.	Current Research Trends in Power System & Power Electronics	Vignans Nirula Institute of Tech for Women, Guntur	20.07.2020 to 25.07.2020		FDP
47.	Recent Trends and Challenges in Smart Grid Technology	Sri Ramakrishna Engineering College Coimbatore	17.08.2020 to 21.08.2020		STTP
48.	A Five days FDP on Recent Trends in Electrical	Thirumala Engineering College, Narasaraopeta	25-06-2021 to 29-06-2021		FDP

		l		r	1
	Engineering				
49.	How to motivate the faculty in guiding the quality projects	Department of EEE, V R Siddhartha Engineering College	12-04-2021	Mrs. S.V.R.Lakshmi Kumari	Seminar
50.	One Day Seminar on Industry Electrical Safety and Arc Flash	Department of EEE, V R Siddhartha Engineering College	2-5-2021		Seminar
51.	Introduction to PLECS Tool for Power Electronics Applications	Department of EEE, V R Siddhartha Engineering College in association with PLEXIM, Switzerland, Sponsored by AICTE Margadarshan Scheme	02-07-2020 to 06-07-2020		Workshop
52.	Universal Human Value on the theme "Inculcating Universal Human Values in Technical Education"	AICTE	5-9 Oct, 2020		Workshop
53.	Internet of Things	The national Small scale Industries corporation Ltd, Hyderabad	15-29 July, 2020		Workshop
54.	Power quality & Energy auditing	The national Small scale Industries corporation Ltd, Hyderabad	21-9- 2020 to 05-10-2020		Industrial Training
55.	Energy Storage	AICTE	7-11 sep,2020	Dr. A. Veera	Industrial Training
56.	ARDUINO	SV Engineering College, Tirupati in association with IIT Bombay	29-06-2020 to 03-07-2020	Dr. A.Veera Reddy	FDP
57.	Introduction to PLECS Tool for Power Electronics Applications	EEE, VRSEC	2-6 July 2020		FDP
58.	Recent Trends and Research Opportunities in Electricity: Generation, Transmission and Distribution	VIT Chennai	17- 08-2020 to 21-08-2020		FDP

59.	International Online Faculty Development Program on Trends in Electric Vehicles	St.Joseph's College of Engineering, OMR, Chennai, Tamil Nadu, India.	20/7/20 to 24/7/20		FDP
60.	Challenges, Issues, Designing and Grid Management for Grid Connected Solar/Wind Energy Systems	University Visvesvaraya College of Engineering, Bangalore	23/7/20 to 27/7/20		FDP
61.	Renewable Energy Application in Smart Grid, Micro Grid and EVs (REASGMGEV- 2020)	GMR Institute of Technology, Rajam	13/7/20 to 17/7/20	Dr.P.Chandra	FDP
62.	FDP Series on Machine Learning using Python & Internet of Things	NIT K	16/7/20 to 18/7/20	Babu Naidu	FDP
63.	A Five Day Short Term Training Program (STTP) on Research in the area of Communication & Signal Processing	CMR Engineering College, Hyderabad	20th to 24th July, 2020		STTP
64.	Emerging Trends in Electrical Engineering - A research perspective	LBS College of Engineering Kasaragod.	27/7/20 to 31/7/20		FDP
65.	One Week International Online Faculty Development Program on "Real- time Protection of Modern Power Systems	KITSW in association with IEI - Warangal Local Centre	23rd - 27th June, 2020		FDP
66.	AICTE SPONSORED Six Days Online STTP Machine Learning and IoT for Industrial Applications	Dr.N.G.P.Institute of Technology, Coimbatore	27/7/20 to 1/8/20		STTP

67.	5 days Online "Faculty Development Program" on the topic "Contemporary Challenges in Electrical Engineering and Aiding Technologies	St. Joseph's College of Engineering, OMR, Chennai	6/7/20 to 10/7/20		FDP
68.	ATAL Academy online FDP on electric vehicles	Gyan ganga institute of technology and sciences, Jabalpur	1-9-2020 to 5- 9-2020		FDP
69.	Introduction to PLECS Tool for Power Electronics Applications	EEE, VRSEC	2-6 July 2020		Workshop
70.	Universal Human Value on the theme "Inculcating Universal Human Values in Technical Education"	AICTE	5-9 Oct, 2020		Workshop
71.	Webinar on Home Automation - An IoT Based Solution	Tata Power Delhi Distribution Limited, New Delhi	25-08-2020		Webinar
72.	FDP on Internet of Things (IOT)	APSSDC	24-08-2020 to 05-09-2020		FDP
73.	FDP on "Outcome Based Education; Importance of Outcomes, Assessment and Evaluation for Accreditation"	VRSEC	14th to 16th August, 2020	Dr. B G Tilak Vangalapudi	FDP
74.	Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)"	AICTE	15-12-2020 to 19-12-2020		FDP
75.	Part 1 of the online UHV Refresher 1 FDP	AICTE	30-11-2020 to 4-12-2020.		FDP
76.	Universal Human Value on the theme	AICTE	5-9 Oct, 2020	Dr. Suresh Lakhimsetty	Workshop

	"Inculcating Universal Human Values in Technical Education"				
77.	Introduction to PLECS Tool for Power Electronics Applications	Department of EEE, V R Siddhartha Engineering College in association with PLEXIM, Switzerland, Sponsored by AICTE Margadarshan Scheme	02-07-2020 to 06-07-2020		Workshop
78.	One Day Seminar on How to Motivate the Faculty in guiding the quality projects & How to convert ideas in to viable product	EEE, VRSEC	12-04-2021	Mr. M.L.N.Vital	FDP
79.	Universal Human Value on the theme "Inculcating Universal Human Values in Technical Education"	AICTE	5-9 Oct, 2020	Dr. M Hareesh	Workshop
80.	Orientation on Fire Services and Electrical Safety"	Department of EEE, V R Siddhartha Engineering College	09-05-2021		Seminar
81.	Global Sustainable Development: Role of Science & Technology	Department of EEE, V R Siddhartha Engineering College	07-06-2021		Webinar
82.	Artificial Intelligence and Machine Learning	MVJ College of Engineering.	18-01-2021 to 22-01-2021	Dr.N. Vamsi Krishna	FDP
83.	Introduction to PLECS Tool for Power Electronics Applications	Department of EEE, V R Siddhartha Engineering College in association with PLEXIM, Switzerland, Sponsored by AICTE Margadarshan Scheme	02-07-2020 to 06-07-2020		Workshop
84.	Orientation on Fire Services and Electrical Safety"	Department of EEE, V R Siddhartha Engineering College	09-05-2021		Seminar

_					
85.	How to Motivate the Faculty in guiding the quality projects & How to convert ideas in to viable product	Department of EEE, V R Siddhartha Engineering College	12-04-2021	Mr. T.Suneel	Seminar
86.	Global Sustainable Development: Role of Science & Technology	Department of EEE, V R Siddhartha Engineering College	07-06-2021		Webinar
87.	A Five days FDP on Recent Trends in Electrical Engineering	Tirumala Engineering College, Narasaraopeta	25-06-2021 to 29-06-2021	Mr. MadhuSudana Rao Ranga	FDP
88.	Five - Day Online FDP on "Recent Advances in Electrical Energy Management, Control and Automation"	L.B.Reddy Nagar,Mylavaram- 521230,Krishna Dist,Andhra Pradesh,India	08.06.2021 to 12.06.2021		FDP
89.	Industry Electrical Safety and Arc Flash	Department of Electrical & Electronics Engineering, Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh	2nd May 2021		Seminar
90.	How to motivate the faculty in guiding the quality projects" & "How to convert ideas into a viable product?	Department of Electrical & Electronics Engineering, Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh	12th April 2021	Mr. SNVSK Chaitanya	Seminar
91.	Orientation on Fire Services and Electrical Safety"	Department of EEE,VRSEC	09-05-2021		Seminar
92.	Introduction to PLECS Tool for Power Electronics Applications	Department of EEE, V R Siddhartha Engineering College in association with	02-07-2020 to 06-07-2020		Workshop

		PLEXIM, Switzerland, Sponsored by AICTE Margadarshan Scheme			
93.	Power electronics interfaces for green energy systems	NIT, Delhi	01-02-2021 to 5-02-2021	Mr. Purnachandra Rao Thota	STTP
94.	Process of Innovation Development	ME, VRSEC	17-12-2020	Mr. P.Venkatesh	Webinar
95.	Automation and intelligent Control of Electrical Systems Phase IV	AICTE	15- 20,March,2021	V.Hari Vamsi	STTP
96.	Universal Human Value on the theme "Inculcating Universal Human Values in Technical Education"	AICTE	5-9 Oct, 2020	K Sai Teja	FDP

FACULTY PUBLICATIONS (2020-21)

International Journals

- J. N. L. Naraharisetti, R. Devarapalli, and Venkateswara Rao Bathina, "Parameter extraction of solar photovoltaic module by using a novel hybrid marine predators – success history based adaptive differential evolution algorithm", Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, pp. 1–23, Aug. 2020, doi: 10.1080/15567036.2020.1806956. (SCIE) (Q2)
- Chandra Sekhar, O, Lakhimsetty, S, Bhat, AH. "A comparative experimental analysis of fractional order PI controller based direct torque control scheme for induction motor drive", International Transactions on Electrical Energy Systems. 2020; e12705. https://doi.org/10.1002/2050-7038.12705 (SCIE) (Q2)
- Hareesh Myneni, Siva Kumar Ganjikunta, "Design, Analysis and switching losses reduction of hybrid shunt compensator with adaptive control scheme", International Transactions on Electrical Energy Systems. DOI: doi.org/10.1002/2050-7038.12716 (SCIE) (Q2)
- M.Seshu, K.Bhavana, A.Veera Reddy, M.Sunil Kumar, M.Ravi Kumar, "Solar Based Multi-Purpose Agricultural Robot" Solid State Technology, Vol.63, no.5, pp.5402-5409,Dec 2020. (Scopus) (Q4)
- Vijaya Daniel, V. L. S Lakshmi Kumari, "Power Quality Improvement In PV Grid Connected System By Using Shunt Active Power Filter", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.7, Issue 4, Page No pp.412-416, November 2020. (UGC Approved Journal) (J-5) (PG Student Paper)
- Lakhimsetty, S, Hema Kumar, P, Somasekhar, V T. "Hybrid space-vector pulse width modulation strategies for a four-level open-end winding induction motor drive with an improvised harmonic performance and balanced DC-link capacitors". International Transactions on Electrical Energy Systems. 2021; e12814. https://doi.org/10.1002/2050-7038.12814. (SCIE) (Q2)
- Yadlapalli, R. T., Kotapati, A., Kandipati, R., Balusu, S. R., & Koritala, C. S. (2021). Advancements in energy efficient GaN power devices and power modules for electric vehicle applications: a review. International Journal of Energy Research (SCIE) (Q1)

- Gummadi Srinivasa Rao, "Multi objective optimal location and sizing of Distributed Generation unit using PSO", Turkish Journal of Computer and Mathematics Education, ISSN: 1309-4653, 2021. (Scopus) (Q3)
- Ramesh Devarapalli, Nikhil Kumar Sinha, Bathina Venkateswara Rao, Łukasz Knypinski, Naraharisetti Jaya Naga Lakshmi, Fausto Pedro García Márquez, "Allocation of real power generation based on computing over all generation cost: an approach of Salp Swarm Algorithm", Archives Of Electrical Engineering, vol. 70(2), pp. 337–349 (June-2021), DOI 10.24425/aee.2021.136988, Emerging Sources Citation Index, ISSN: 1427-4221. SNIP: 0.714, SJR-2020: 0.253. (ESCI) (Q3)
- Kavuturu, K.V.K., Narasimham, P.V.R.L. Optimal Parameters of OUPFC and GUPFC under Renewable Energy Power Variation Using Cuckoo Search Algorithm Variants. Journal of Electrical Engineering & Technology (2020). https://doi.org/10.1007/s42835-020-00501- x. Print ISSN: 1975-0102 (SCIE) (Q3)
- 11. Veera Reddy .A , Mahesh Kumar.B "The Effect of Various Levels of Inter turn Faults on the Characteristics of Switched Reluctance Motor using Finite Element Method" in Solid State Technology, Vol.: 63, Issue: 5, Oct-2020. (Scopus) (Q4)
- Kavuturu, K.V.K., Narasimham, P.V.R.L. "Multi-objective economic operation of modern power system considering weather variability using adaptive cuckoo search algorithm". Journal of Electrical Systems and Information Technology 7, 11 (2020). https://doi.org/10.1186/s43067-020-00019-2.
- 13. R B R Prakash, Madhusudana rao Ranga, A Pandian and P Srinivasa Varma "Induction Machine Stator winding Failure Detection Using Motor Current Signature Analysis" IOP Conf. Series: Materials Science and Engineering 993 (2020) 012084. doi:10.1088/1757-899X/993/1/012084 (Scopus)
- 14. Subhojit Dawn, "Effect of COVID-19 pandemic on air quality: a study based on Air Quality Index", Environmental Science and Pollution Research, DOI: https://doi.org/10.1007/s11356-021-14462-9, 2021 (SCIE) (Q2)
- 15. Timmidi Nagadurga, PVRL Narasimham, V. S. Vakula, Ramesh Devarapalli and Fausto Pedro García Márquez, "Enhancing Global Maximum Power Point of Solar Photovoltaic Strings under Partial Shading Conditions Using Chimp Optimization Algorithm", Energies 2021, 14(14), 4086; https://doi.org/10.3390/en14144086 (SCIE) (Q2)

International Conferences

- Aishwarya Karra, Bhuvana Kondi and Ramesh Jayaraman, "Implementation of Wireless Communication to Transfer Temperature and Humidity Monitoring Data using Arduino Uno", 9th IEEE International Conference on Communication and Signal Processing(ICCSP'20),Sep2020,pp.11011105.DOI:10.1109/ICCSP48568.2020.918213
 9. (IEEE) (UG student paper)
- Geethika Kilari, Rizwana Mohammed and Ramesh Jayaraman,"Automatic Light Intensity Control using Arduino UNO and LDR", 9th IEEE International Conference on Communication and Signal Processing (ICCSP'20), Sep-2020,pp.0862-0866.DOI:10.1109/ICCSP48568.2020.9182238 (IEEE) (UG student paper)
- Inturi Meghana, J.D.N.V.L.Meghana and Ramesh Jayaraman, "Smart Attendance Management System using Radio Frequency Identification," 9th IEEE International Conference on Communication and Signal Processing (ICCSP'20), Sep-2020,pp.1045-1049.DOI:10.1109/ICCSP48568.2020.9182167 (IEEE) (UG student paper)
- 4. Sushma Sirasanagandla, Mounisha Pachipulusu and Ramesh Jayaraman, "Development of Surveillance Robot to Monitor the Work Performance in Hazardous Area", 9th IEEE International Conference on Communication and Signal Processing (ICCSP'20), Sep-2020, pp.1559-1562.DOI:10.1109/ICCSP48568.2020.9182126. (IEEE) (UG student paper)
- P.Venkatesh, K.Sri Kumar, "Automatic Generation Control with Renewable energy sources optimized by TLBO algorithm", International Springer Conference on Intelligent Computing in Control and Communication (ICCC-2020), August 7th-8th, 2020, Organized by Aditya Institute of technology and Management, Tekkali.
- B. Venkateswara Rao, "Optimal Power Flow with BAT algorithm for a Power System to reduce transmission line losses using SVC", IEEE International Conference on Emerging Frontiers in Electrical and Electronic Technologies (ICEFEET -2020), July 10-11, 2020, NIT Patna. (IEEE) (PG student paper)
- Lakshmi P, B Venkateswara Rao, Ramesh Devarapalli and Upendra Prasad, "BAT algorithm based Optimal Power Flow for Power System consisting of Wind Power plants and Static VAR Compensator", Michael Faraday IET International Summit 2020 (MFIIS 2020), 3-4 October 2020, Organized by IET Kolkata Network, The Institution of Engineering and Technology. (Scopus) (PG student paper)
- 8. Upendra Prasad, Nikhil Kumar Sinha, **Bathina Venkateswara Rao**, Naraharisetti Jaya Naga Lakshmi, Ramesh Devarapalli, "Optimal placement of shunt capacitor with

VCPI to improve voltage profile using Mi power", IOP Conf. Series: Materials Science and Engineering 981 (2020) 042061, doi:10.1088/1757-899X/981/4/042061. (Scopus)

- Suresh Lakhimsetty, KHAJA MOHIDDIN SHAIK, "A Comparative Analysis of Current Control Strategies for a Solar based Single-Phase Grid Connected Inverter", 2021 International Conference on Sustainable Energy and Future Electric Transportation (SEFET), Pg 1-5, Feb, 2021 (IEEE) (PG student paper)
- 10. M. L. N. Vital, PVRL Narasimham, "An Improved Pulse Width Modulation Technique for the Attenuation of Leakage Current in Five-Level Transformerless PV Cascaded Multilevel Inverter," 2020 IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES), Jaipur, India, 2020, pp. 1-5. (IEEE)
- Paruchuri Chandra Babu Naidu, Umashankar Subramaniam and A.Anbarasan, "Design And Simulation Of Hybrid AC/DC Micro Grid System," 2021 7thInternational Conference on Electrical Energy Systems (ICEES), Chennai, India, 2021, pp. 319-322 (IEEE)
- P. Eekshita, N. S. V. Narayana and R. Jayaraman, "Wireless Power Transmission System", IEEE 2021 International Conference on Computer Communication and Informatics (ICCCI), 2021, pp. 1-4, doi: 10.1109/ICCCI50826.2021.9402575. (IEEE) (UG student paper)
- J. Yerramsetti, D. S. Paritala and R. Jayaraman, "Design and Implementation of Automatic Robot for Floating Solar Panel Cleaning System using AI Technique", 2021 International Conference on Computer Communication and Informatics (ICCCI), 2021, pp. 1-4. doi: 10.1109/ICCCI50826.2021.9402482 (IEEE) (UG student paper)
- 14. A.Veera Reddy, P.V.R.L. Narasimham, K. Sai Teja, P. Shiva Kumar ,"Feasibility Analysis of SEPIC converter as a PV Balancer for Practical Photovoltaic System", International Conference on Smart and Intelligent Systems (SIS-2021), Organized by Department of EEE, V.R. Siddhartha Engineering College, Vijayawada, Feb 25 -26, 2021. (Springer)
- 15. T Nagadurga, PVRL Narasimham, "Maximum power extraction from solar photovoltaic strings using grey wolf optimization technique under partial shading condition", International Conference on Smart and Intelligent Systems (SIS-2021), Organized by Department of EEE, V.R. Siddhartha Engineering College, Vijayawada, Feb 25 -26, 2021. (Springer)
- 16. P. Sowmith, N. Vamsi Krishna and B. Varun Kumar, "Conventional and Heuristic Optimization Techniques Comparison for Economic Load Dispatch", International

Conference on Smart and Intelligent Systems (SIS-2021), Organized by Department of EEE, V.R. Siddhartha Engineering College, Vijayawada, Feb 25 -26, 2021. (**Springer**)

- K.V.V.R.S.Vishnu, Venkateswara Rao B, T. Thirumala Rao, Y. Jaswanth, "QR code based Digital Assistant for Seminar Halls using Tinker Board and Node-RED", International Conference on Smart and Intelligent Systems (SIS-2021), Organized by Department of EEE, V.R. Siddhartha Engineering College, Vijayawada, Feb 25 -26, 2021. (Springer) (UG student paper)
- Subhojit Dawn, "Energy Audit and Advancement of Solar Installation in SIT: A Case Study", International Conference on Smart and Intelligent Systems (SIS-2021), Organized by Department of EEE, V.R. Siddhartha Engineering College, Vijayawada, Feb 25 -26, 2021. (Springer)
- Subhojit Dawn, "Market Clearing Mechanism by Optimal Scheduling of Electric Power Suppliers", International Conference on Smart and Intelligent Systems (SIS-2021), Organized by Department of EEE, V.R. Siddhartha Engineering College, Vijayawada, Feb 25 -26, 2021. (Springer)
- Subhojit Dawn, "Smart wearable safety device: A wearable anti-assault and location tracking device", International Conference on Smart and Intelligent Systems (SIS-2021), Organized by Department of EEE, V.R. Siddhartha Engineering College, Vijayawada, Feb 25 -26, 2021. (Springer)
- 21. P. R. Thota and S. Jeevananthan, "A New Switched Capacitor Nine-Level Inverter with Quadruple Voltage Boosting and Capacitor Voltage Balancing Capabilities," 2020 IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES), 2020, pp. 1-5, doi: 10.1109/PEDES49360.2020.9379374. (IEEE)
- 22. R. Giridhar Balakrishna, "Impedance Source Inverter Based Asynchronous Motor Drive Using Different Modulating Signals", International Conference on Smart and Intelligent Systems (SIS-2021), Organized by Department of EEE, V.R. Siddhartha Engineering College, Vijayawada, Feb 25 -26, 2021. (Springer)

National Conferences

 Yerramsetti Jaswanth, Bathina Venkateswara Rao, Kalagara V V R S Vishnu and Thejavathu Thirumalarao, "Cybernation of Home Appliances using Raspberry Pi", Engineering for self-reliance and sustainable goals, Technical volume of 35th Indian Engineering Congress, December 18-20, 2020, pp. 925-929, ISBN: 978-81-950662-0-9. (UG student paper)

Book Chapters

- T. Thirumala Rao, B. Venkateswara Rao, K. V. V. R. S. Vishnu, and Y. Jaswanth (2021) "Gleaming of Lights by Pedaling Using Arduino", In: Advanced Manufacturing Systems and Innovative Product Design, Lecture Notes in Mechanical Engineering. Springer, Singapore, Feb 2021, DOI https://doi.org/10.1007/978-981-15-9853-1_30, Print ISBN 978-981-15-9852-4 (Scopus) (UG student paper)
- D. H. C. P. Babu Nayak and M. S. Krishna Rayalu, "Automatic Generation Control of Single Area Power System with PID Controller Using State Space Approach", Lecture Notes in Electrical Engineering, 700, https://doi.org/10.1007/978-981-15-8221-9_135, 2021 (Scopus) (PG student paper)
- S. N. V. S. K. Chaitanya, R. Ashok Bakkiyaraj, and B. Venkateswara Rao, "Technical Review on Optimal Reactive Power Dispatch with FACTS Devices and Renewable Energy Sources", Advances in Energy Technology 2021, Lecture Notes in Electrical Engineering 766, DOI: https://doi.org/10.1007/978-981-16-1476-7_18, Springer Nature Singapore (Scopus)
- 4. P. Ramkee, S. N. V. S. K. Chaitanya, B. Venkateswara Rao, and R. Ashok Bakkiyaraj, "Optimal Reactive Power Dispatch Under Load Uncertainty Incorporating Solar Power Using Firefly Algorithm", Advances in Energy Technology 2021, Lecture Notes in Electrical Engineering 766, https://doi.org/10.1007/978-981-16-1476-7_39, Springer Nature Singapore (Scopus) (PG student paper)



FACULTY INTERACTION WITH OUTSIDE WORLD

1. Dr. B. Srinivasa Rao, Prof/EEE has been recognized by IEEE as Senior Member in the year of Dec 2021

2021 Certificate of IEI	EE Membership
This certificate recog	Inizes
SRINIVASA RAO E	BALUSU
as a Senior Member in good standing through a personal and professional commitment to the a	December 2021, denoting advancement of technology
In the company of Imnovators worldwide	
Chenming Hu 2021 Medal of Honor Recipient	Summer Kilden I
Distinguished Professor Interactions Department of Electrical Engineering and Computer Sciences, University of Celifornie Derkeley CA, USA	SUSAN K. "KATHY" LAND 2021, IEEE PRESIDENT
"Go a distinguished camerio di devidoping and putting units practicer entrationalistic en rucicità de particularity. 3-Di device retructures, this have he ped livero Moorie's Law grant over many decades."	Advancing Technology ker Munuluy

2. Dr.Subhojit Dawn, Assistant Professor/EEE has received Best Associate Editor Award from Journal of Electrical Engineering and Technology



RESULT ANALYSIS (BATCH: 2017-2021)

S. No	SEMESTER	PASS PERCENTAGE
1.	First Semester	73.28
2.	Second Semester	58.03
3.	Third Semester	63.70
4.	Fourth Semester	78.63
5.	Fifth Semester	88.28
6.	Sixth Semester	85.04
7.	Seventh Semester	96.83
8.	Eighth Semester	98.41

TRAINING & PLACEMENTS

The objective of Training & Placement cell is to equip students with globally employable skills through training and help them attain their desired employment and career goals. The function of the Training & Placement cell is to be the mentor of students to frame their careers, build and develop relevant competencies among students for placements. Through this training they make them 'Industry ready' to enable placements for all students.

S. NO	NAME OF THE COMPANY	NO OF STUDENTS SELECTED	PAY PACKAGE
1.	Accenture	1	6.5LPA
2.	Eruvaka Technologies Pvt. Ltd	2	5LPA
3.	Accenture	25	4.5LPA
4.	Cognizant	13	4LPA
5.	Infosys	6	3.8LPA
6.	Capgemini	9	3.8LPA
7.	Ninja	23	3.8LPA
8.	Hexaware	6	3.6LPA
9.	Kpit	1	3.6LPA
10.	Wipro	2	3.5LPA
11.	Cyient	1	3.5LPA
12.	Astra Microwave Products	10	3.2LPA
13.	Laksh Semiconductors	2	3LPA
14.	Q Spiders	3	3LPA
15.	Polyhose India Rubber Private Limited	22	2.5LPA
	TOTAL	126	

5	ENG	INER	Ris	
AL IN	61	h)	s)
No.	111	1	1	
		1	J.	
6	10	/E-linkers		1

Department of Electrical & Electronics Engineerring Accredited by NBA Placements 2020 - 21



	Company	Package LPA	NO	
accenture	Accenture	6.5	1	
🜔 Eruvaka	Eruvaka Technologies	5	2	
accenture	Accenture	4.5	25	
Cognizant	Cognizant	4	12	
CONSTRUCTS	TCS Ninja	3.8	22	
Capgemini	Capgemini	3.8	9	
Infosys"	Infosys	3.8	6	
ti HEXAWARE	Hexaware	3.6	6	
KPIT	KPIT	3.6	1	
wipro	Wipro	3.5	2	
CYIENT	Cyient	3.5	1	
Astra Microwave Products Limited On Altimory Revelopt	Astra Microwave	3.2	10	
LAKSH	Laksh Semiconductors	3	2	
Spiders	Qspiders	3	3	
Polyhose	Polyhouse India Rubber Pvt.Itd	2.5	18	
VELAGAPUDI RAMAKRISHNA				
SIDDHARTHA ENGINEERING COLLEGE (Autonomous)				

STUDENTS ONLINE COURSES THROUGH NPTEL

NON-CONVENTIONAL ENERGY RESOURCES

S.NO	REG.NO	NAME	COURSE TITLE
1.	168W1A0202	B Sivaiah	Non-Conventional Energy Resources
2.	178W1A0201	Alekya P	Non-Conventional Energy Resources
3.	178W1A0202	Aluri Pallavi	Non-Conventional Energy Resources
4.	178W1A0205	B.Sri Harshitha	Non Conventional Energy Resources
5.	178W1A0206	Birudugadda Harika	Non-Conventional Energy Resources
6.	178W1A0208	Chittiboyina Saisneha	Non Conventional Energy Resources
7.	178W1A0213	Yamini	Non Conventional Energy Resources
8.	178W1A0214	Goli . Bhargavi	Non Conventional Energy Resources
9.	178W1A0215	G.Naga Anandini	Non-Conventional Energy Resources
10.	178W1A0218	Mukta. Hruthik	Non-Conventional Energy Resources
11.	178W1A0219	Meghana Inturi	Non-Conventional Energy Resources
12.	178W1A0222	J.N.V.Eswar	Non Conventional Energy Resources
13.	178W1A0223	Jujjuru Devi Naga Venkata Lakshmi Meghana	Non-Conventional Energy Resources
14.	178W1A0224	Kakarlapudi Sai Sri Venkatapathi Varma	Non Conventional Energy Resources
15.	178W1A0226	Kancharla Rakesh	Non-Conventional Energy Resources
16.	178W1A0228	Siva Sai Kameswararao Kasturi	Non Conventional Energy Resources
17.	178W1A0229	Geethika Kilari	Non-Conventional Energy Resources
18.	178W1A0231	Kondeti Harish	Non-Conventional Energy Resources
19.	178W1A0232	K.Bhuvana	Non-Conventional Energy Resources
20.	178W1A0233	Praneeth Saikumar	Non-Conventional Energy Resources
21.	178W1A0234	Krishna Prasad Duddi	Non-Conventional Energy Resources
22.	178W1A0237	M. Siva Sri Harsha	Non-Conventional Energy Resources
23.	178W1A0238	Mohammed.Rizwana	Non-Conventional Energy Resources
24.	178W1A0241	Nallabothula Sangeeth	Non Conventional Energy Resources
25.	178W1A0242	Patakula Eekshita	Non-Conventional Energy Resources
26.	178W1A0243	P. Aditya	Non Conventional Energy Resources
27.	178W1A0246	Rayidi Harsha Vardhan	Non Conventional Energy Resources
28.	178W1A0247	Royyuru Manasa Lakshmi	Non Conventional Energy Resources
29.	178W1A0250	Shaik Abdul Khuddus	Non-Conventional Energy Resources
30.	178W1A0253	Phani Srikantam	Non Conventional Energy Resources
31.	178W1A0254	Tungala Gopi Krishna	Non Conventional Energy Resources
32.	178W1A0255	V N L A Pravallika Tenneti	Non Conventional Energy Resources
33.	178W1A0256	Vvn Murthy	Non Conventional Energy Resources
34.	178W1A0259	Y Krishna Chaitanya	Non-Conventional Energy Resources
35.	178W1A0261	Abdul Kalam	Non-Conventional Energy Resources

36.	178W1A0263	Athukuri Anand Babu	Non Conventional Energy Resources
37.	178W1A0277	Jakkula Siddhartha Babu	Non Conventional Energy Resources
38.	178W1A0280	Kanakam Govardhan	Non Conventional Energy Resources
39.	178W1A0286	Kondaveeti Harsha Vardhan	Non-Conventional Energy Resources
40.	178W1A0291	Maradana Dhamodar	Non Conventional Energy Resources
41.	178W1A02A0	Pothala Sreekanth	Non Conventional Energy Resources
42.	178W1A02A4	Satya Sreeram Gullapalli	Non-Conventional Energy Resources
43.	178W1A02B5	Vema Raviteja	Non-Conventional Energy Resources
44.	188W5A0202	Ch. Kavyasri	Non Conventional Energy Resources
45.	188W5A0211	Tonduru Venkata Yadav	Non-Conventional Energy Resources

COMPUTER NETWORKS AND INTERNET PROTOCOL

1.	178W1A0203	Andraju Geetha	Computer Networks And Internet Protocol
2.	178W1A0207	B.Geethareddy	Computer Networks And Internet Protocol
3.	178W1A0244	Ramala Sethumadhavi	Computer Networks And Internet Protocol
4.	178W1A0248	Sai Lalithya Sivani Perumalla	Computer Networks And Internet Protocol
5.	178W1A0252	Siripurapu Lakshmi Rikwith	Computer Networks And Internet Protocol
6.	178W1A0257	Vijay Kumar Vemana	Computer Networks And Internet Protocol
7.	178W1A0265	Balireddy Jahnavi	Computer Networks And Internet Protocol
8.	178W1A0270	Ch Krishna Haritha	Computer Networks And Internet Protocol
9.	178W1A0274	G. D. N. B. Monika	Computer Networks And Internet Protocol
10.	178W1A0278	Javvaji Avinash Reddy	Computer Networks And Internet Protocol
11.	178W1A0285	K Venkata Sai Rahul	Computer Networks And Internet Protocol
12.	178W1A0288	Lalitha Kameswari Chembuli	Computer Networks And Internet Protocol
13.	178W1A0289	Mallela Venkata Sushma	Computer Networks And Internet Protocol
14.	178W1A02B6	Vempati Venkata Sai Rahul	Computer Networks And Internet Protocol
15.	188W5A0201	Sandhya Bussa	Computer Networks And Internet Protocol
16.	188W5A0204	Guraja Naga Venkata Phani Prasad	Computer Networks And Internet Protocol
17.	188W5A0205	Konakala Kiran Venkata Sai	Computer Networks And Internet Protocol
18.	188W5A0206	Kovela .Kumar	Computer Networks And Internet Protocol

19.	188W5A0210	Orisala Satya	Computer Networks And Internet Protocol
20.	188W5A0212	Vanukuri Naveen	Computer Networks And Internet Protocol
21.	188W5A0214	Vamsi Dasari	Computer Networks And Internet Protocol
22.	188W5A0218	Srinivas Reddy Karnati	Computer Networks And Internet Protocol

FUZZY SETS, LOGIC AND SYSTEMS & APPLICATIONS

1.	178W1A0209	Hemanth Raj Dakarapu	Fuzzy Sets, Logic And Systems & Applications
2.	178W1A0210	Devineni Sai Teja	Fuzzy Sets, Logic And Systems & Applications
3.	178W1A0220	Janjam Hemanth Kumar	Fuzzy Sets, Logic And Systems & Applications
4.	178W1A0235	Hareesh Lanke	Fuzzy Sets, Logic And Systems & Applications
5.	178W1A0239	Lakshmi Srinivasa Reddy Mukkara	Fuzzy Sets, Logic And Systems & Applications
6.	178W1A0251	Deena Vali Shaik	Fuzzy Sets, Logic And Systems & Applications
7.	188W5A0207	M.Chinni Krishna	Fuzzy Sets,Logic And Systems & Applications
8.	188W5A0208	Vamsi Mudineti	Fuzzy Sets, Logic And Systems & Applications
9.	188W5A0209	Nalluri Naga Srinivas	Fuzzy Sets, Logic And Systems & Applications

THE JOY OF COMPUTING USING PYTHON

1.	178W1A0217	Haritha Sri Boppana	The Joy of Computing Using Python
2.	178W1A0227	Karra Aishwarya	The Joy of Computing Using Python
3.	178W1A0236	Sai Pradeep Madapati	The Joy of Computing Using Python
4.	178W1A0262	Alapati Navya Sri	The Joy of Computing Using Python
5.	178W1A0264	Avanigadda Harika	The Joy of Computing Using Python
6.	178W1A0266	B.Dharani	The Joy of Computing Using Python
7.	178W1A0267	Bhukya Naga Raju	The Joy of Computing Using Python
8.	178W1A0268	B.Rishitha	The Joy of Computing Using Python
9.	178W1A0269	Lathanjali	The Joy of Computing Using Python
10.	178W1A0272	Deevi Sri Harsha	The Joy of Computing Using Python
11.	178W1A0273	Tanuja Ede	The Joy of Computing Using Python
12.	178W1A0276	Gujjula Kalyani	The Joy of Computing Using Python
13.	178W1A0279	Lakshmi Sai Kalavagunta	The Joy of Computing Using Python
14.	178W1A0281	Jatin Swaroop Kanaparthi	The Joy of Computing Using Python
15.	178W1A0282	K.Swathi	The Joy of Computing Using Python
16.	178W1A0283	Karnati Ramya	The Joy of Computing Using Python
17.	178W1A0284	K. Lavanya	The Joy of Computing Using Python
18.	178W1A0287	Kotu Naga Sravani	The Joy of Computing Using Python
19.	178W1A0295	Nikhila Anumolu	The Joy of Computing Using Python

20.178W1A0296P. MounishaThe Joy of Computing Using Pytho21.178W1A0297P.Dhatri SriThe Joy of Computing Using Pytho22.178W1A0298P. DeepthiThe Joy of Computing Using Pytho23.178W1A0299P. Anu JahnaviThe Joy of Computing Using Pytho24.178W1A02A1Ravuri Naga Siva KumarThe Joy of Computing Using Pytho25.178W1A02A3S. Sai ManasaThe Joy of Computing Using Pytho26.178W1A02A5Shaik Abdul HameedThe Joy of Computing Using Pytho27.178W1A02A6Shaik Fatima ShahanazThe Joy of Computing Using Pytho28.178W1A02B0Sushma SirasanagandlaThe Joy of Computing Using Pytho29.178W1A02B1Tanuja SunkaraThe Joy of Computing Using Pytho30.178W1A02B3T.V.S.ViswanathThe Joy of Computing Using Pytho31.178W1A02B4Pravallika VakaThe Joy of Computing Using Pytho33.178W1A02B7Rishika.VenigallaThe Joy of Computing Using Pytho34.188W5A0203Rachel GajelliThe Joy of Computing Using Pytho35.188W5A0216Gayathri JampaniThe Joy of Computing Using Pytho36.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho37.188W5A0221Korada TanushaThe Joy of Computing Using Pytho38.188W5A0222Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho39.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho<	1 1 1
21.178W1A0297P.Dhatri SriThe Joy of Computing Using Pytho22.178W1A0298P. DeepthiThe Joy of Computing Using Pytho23.178W1A0299P. Anu JahnaviThe Joy of Computing Using Pytho24.178W1A02A1Ravuri Naga Siva KumarThe Joy of Computing Using Pytho25.178W1A02A3S. Sai ManasaThe Joy of Computing Using Pytho26.178W1A02A5Shaik Abdul HameedThe Joy of Computing Using Pytho27.178W1A02A6Shaik Fatima ShahanazThe Joy of Computing Using Pytho28.178W1A02B0Sushma SirasanagandlaThe Joy of Computing Using Pytho29.178W1A02B1Tanuja SunkaraThe Joy of Computing Using Pytho30.178W1A02B4Pravallika VakaThe Joy of Computing Using Pytho31.178W1A02B7Rishika.VenigallaThe Joy of Computing Using Pytho33.178W1A02B8Yanamandra VinayThe Joy of Computing Using Pytho34.188W5A0203Rachel GajelliThe Joy of Computing Using Pytho35.188W5A0217Kalagara V V R S VishnuThe Joy of Computing Using Pytho36.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho37.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho38.188W5A0222Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computi	1
22.178W1A0298P. DeepthiThe Joy of Computing Using Pytho23.178W1A0299P. Anu JahnaviThe Joy of Computing Using Pytho24.178W1A02A1Ravuri Naga Siva KumarThe Joy of Computing Using Pytho25.178W1A02A3S. Sai ManasaThe Joy of Computing Using Pytho26.178W1A02A6Shaik Abdul HameedThe Joy of Computing Using Pytho27.178W1A02A6Shaik Fatima ShahanazThe Joy of Computing Using Pytho28.178W1A02B0Sushma SirasanagandlaThe Joy of Computing Using Pytho29.178W1A02B1Tanuja SunkaraThe Joy of Computing Using Pytho30.178W1A02B3T.V.S.ViswanathThe Joy of Computing Using Pytho31.178W1A02B4Pravallika VakaThe Joy of Computing Using Pytho32.178W1A02B7Rishika.VenigallaThe Joy of Computing Using Pytho33.178W1A02B8Yanamandra VinayThe Joy of Computing Using Pytho34.188W5A0203Rachel GajelliThe Joy of Computing Using Pytho35.188W5A0216Gayathri JampaniThe Joy of Computing Using Pytho36.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho37.188W5A0221Kalagara V V R S VishnuThe Joy of Computing Using Pytho38.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho39.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho41.188W5A0222Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho </td <td>1</td>	1
23.178W1A0299P. Anu JahnaviThe Joy of Computing Using Pytho24.178W1A02A1Ravuri Naga Siva KumarThe Joy of Computing Using Pytho25.178W1A02A3S. Sai ManasaThe Joy of Computing Using Pytho26.178W1A02A5Shaik Abdul HameedThe Joy of Computing Using Pytho27.178W1A02A6Shaik Fatima ShahanazThe Joy of Computing Using Pytho28.178W1A02B0Sushma SirasanagandlaThe Joy of Computing Using Pytho29.178W1A02B1Tanuja SunkaraThe Joy of Computing Using Pytho30.178W1A02B3T.V.S.ViswanathThe Joy of Computing Using Pytho31.178W1A02B4Pravallika VakaThe Joy of Computing Using Pytho32.178W1A02B7Rishika.VenigallaThe Joy of Computing Using Pytho33.178W1A02B8Yanamandra VinayThe Joy of Computing Using Pytho34.188W5A0203Rachel GajelliThe Joy of Computing Using Pytho35.188W5A0216Gayathri JampaniThe Joy of Computing Using Pytho38.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho39.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho40.188W5A0223Shaik Parnidimarri JilanibashaThe Joy of Computing Using Pytho41.188W5A0224Meriga ManjulaThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226Valaxemari PedasanagantiThe Joy of Computing Using P	
24.178W1A02A1Ravuri Naga Siva KumarThe Joy of Computing Using Pytho25.178W1A02A3S. Sai ManasaThe Joy of Computing Using Pytho26.178W1A02A5Shaik Abdul HameedThe Joy of Computing Using Pytho27.178W1A02A6Shaik Fatima ShahanazThe Joy of Computing Using Pytho28.178W1A02B0Sushma SirasanagandlaThe Joy of Computing Using Pytho29.178W1A02B1Tanuja SunkaraThe Joy of Computing Using Pytho30.178W1A02B3T.V.S.ViswanathThe Joy of Computing Using Pytho31.178W1A02B4Pravallika VakaThe Joy of Computing Using Pytho32.178W1A02B7Rishika.VenigallaThe Joy of Computing Using Pytho33.178W1A02B8Yanamandra VinayThe Joy of Computing Using Pytho34.188W5A0203Rachel GajelliThe Joy of Computing Using Pytho35.188W5A0216Gayathri JampaniThe Joy of Computing Using Pytho37.188W5A0219Korada TanushaThe Joy of Computing Using Pytho38.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho39.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri ItlanibashaThe Joy of Computing Using Pytho42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226X IsawathThe Joy of Computing Using Pytho </td <td>1</td>	1
25.178W1A02A3S. Sai ManasaThe Joy of Computing Using Pytho26.178W1A02A5Shaik Abdul HameedThe Joy of Computing Using Pytho27.178W1A02A6Shaik Fatima ShahanazThe Joy of Computing Using Pytho28.178W1A02B0Sushma SirasanagandlaThe Joy of Computing Using Pytho29.178W1A02B1Tanuja SunkaraThe Joy of Computing Using Pytho30.178W1A02B3T.V.S.ViswanathThe Joy of Computing Using Pytho31.178W1A02B4Pravallika VakaThe Joy of Computing Using Pytho32.178W1A02B7Rishika.VenigallaThe Joy of Computing Using Pytho33.178W1A02B8Yanamandra VinayThe Joy of Computing Using Pytho34.188W5A0203Rachel GajelliThe Joy of Computing Using Pytho35.188W5A0216Gayathri JampaniThe Joy of Computing Using Pytho36.188W5A0219Korada TanushaThe Joy of Computing Using Pytho37.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho38.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho39.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho41.188W5A0223Shaik Patindimarri JilanibashaThe Joy of Computing Using Pytho42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226Y LaswathThe Joy of Computing Using Pytho <td>1</td>	1
26.178W1A02A5Shaik Abdul HameedThe Joy of Computing Using Pytho27.178W1A02A6Shaik Fatima ShahanazThe Joy of Computing Using Pytho28.178W1A02B0Sushma SirasanagandlaThe Joy of Computing Using Pytho29.178W1A02B1Tanuja SunkaraThe Joy of Computing Using Pytho30.178W1A02B3T.V.S.ViswanathThe Joy of Computing Using Pytho31.178W1A02B4Pravallika VakaThe Joy of Computing Using Pytho32.178W1A02B7Rishika.VenigallaThe Joy of Computing Using Pytho33.178W1A02B8Yanamandra VinayThe Joy of Computing Using Pytho34.188W5A0203Rachel GajelliThe Joy of Computing Using Pytho35.188W5A0216Gayathri JampaniThe Joy of Computing Using Pytho36.188W5A0217Kalagara V V R S VishnuThe Joy of Computing Using Pytho37.188W5A0219Korada TanushaThe Joy of Computing Using Pytho38.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho40.188W5A0223Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226X LaswanthThe Joy of Computing Using Pytho	1
27.178W1A02A6Shaik Fatima ShahanazThe Joy of Computing Using Pytho28.178W1A02B0Sushma SirasanagandlaThe Joy of Computing Using Pytho29.178W1A02B1Tanuja SunkaraThe Joy of Computing Using Pytho30.178W1A02B3T.V.S.ViswanathThe Joy of Computing Using Pytho31.178W1A02B4Pravallika VakaThe Joy of Computing Using Pytho32.178W1A02B7Rishika.VenigallaThe Joy of Computing Using Pytho33.178W1A02B8Yanamandra VinayThe Joy of Computing Using Pytho34.188W5A0203Rachel GajelliThe Joy of Computing Using Pytho35.188W5A0216Gayathri JampaniThe Joy of Computing Using Pytho36.188W5A0217Kalagara V V R S VishnuThe Joy of Computing Using Pytho38.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho39.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho40.188W5A0222Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0255Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0266X JaswanthThe Joy of Computing Using Pytho	1
28.178W1A02B0Sushma SirasanagandlaThe Joy of Computing Using Pytho29.178W1A02B1Tanuja SunkaraThe Joy of Computing Using Pytho30.178W1A02B3T.V.S.ViswanathThe Joy of Computing Using Pytho31.178W1A02B4Pravallika VakaThe Joy of Computing Using Pytho32.178W1A02B7Rishika.VenigallaThe Joy of Computing Using Pytho33.178W1A02B8Yanamandra VinayThe Joy of Computing Using Pytho34.188W5A0203Rachel GajelliThe Joy of Computing Using Pytho35.188W5A0216Gayathri JampaniThe Joy of Computing Using Pytho36.188W5A0217Kalagara V V R S VishnuThe Joy of Computing Using Pytho37.188W5A0219Korada TanushaThe Joy of Computing Using Pytho39.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho40.188W5A0222Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho43.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho44.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho	1
29.178W1A02B1Tanuja SunkaraThe Joy of Computing Using Pytho30.178W1A02B3T.V.S.ViswanathThe Joy of Computing Using Pytho31.178W1A02B4Pravallika VakaThe Joy of Computing Using Pytho32.178W1A02B7Rishika.VenigallaThe Joy of Computing Using Pytho33.178W1A02B8Yanamandra VinayThe Joy of Computing Using Pytho34.188W5A0203Rachel GajelliThe Joy of Computing Using Pytho35.188W5A0216Gayathri JampaniThe Joy of Computing Using Pytho36.188W5A0217Kalagara V V R S VishnuThe Joy of Computing Using Pytho37.188W5A0219Korada TanushaThe Joy of Computing Using Pytho38.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho39.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226X JaswanthThe Joy of Computing Using Pytho	1
30.178W1A02B3T.V.S.ViswanathThe Joy of Computing Using Pytho31.178W1A02B4Pravallika VakaThe Joy of Computing Using Pytho32.178W1A02B7Rishika.VenigallaThe Joy of Computing Using Pytho33.178W1A02B8Yanamandra VinayThe Joy of Computing Using Pytho34.188W5A0203Rachel GajelliThe Joy of Computing Using Pytho35.188W5A0216Gayathri JampaniThe Joy of Computing Using Pytho36.188W5A0217Kalagara V V R S VishnuThe Joy of Computing Using Pytho37.188W5A0219Korada TanushaThe Joy of Computing Using Pytho39.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho40.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho43.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226X IaswanthThe Joy of Computing Using Pytho	1
31.178W1A02B4Pravallika VakaThe Joy of Computing Using Pytho32.178W1A02B7Rishika.VenigallaThe Joy of Computing Using Pytho33.178W1A02B8Yanamandra VinayThe Joy of Computing Using Pytho34.188W5A0203Rachel GajelliThe Joy of Computing Using Pytho35.188W5A0216Gayathri JampaniThe Joy of Computing Using Pytho36.188W5A0217Kalagara V V R S VishnuThe Joy of Computing Using Pytho37.188W5A0219Korada TanushaThe Joy of Computing Using Pytho38.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho39.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho40.188W5A0222Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226X JagwanthThe Joy of Computing Using Pytho	1
32.178W1A02B7Rishika.VenigallaThe Joy of Computing Using Pytho33.178W1A02B8Yanamandra VinayThe Joy of Computing Using Pytho34.188W5A0203Rachel GajelliThe Joy of Computing Using Pytho35.188W5A0216Gayathri JampaniThe Joy of Computing Using Pytho36.188W5A0217Kalagara V V R S VishnuThe Joy of Computing Using Pytho37.188W5A0219Korada TanushaThe Joy of Computing Using Pytho38.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho39.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho40.188W5A0222Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho43.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho44.188W5A0226Y JaswanthThe Joy of Computing Using Pytho	1
33.178W1A02B8Yanamandra VinayThe Joy of Computing Using Pytho34.188W5A0203Rachel GajelliThe Joy of Computing Using Pytho35.188W5A0216Gayathri JampaniThe Joy of Computing Using Pytho36.188W5A0217Kalagara V V R S VishnuThe Joy of Computing Using Pytho37.188W5A0219Korada TanushaThe Joy of Computing Using Pytho38.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho39.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho40.188W5A0222Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226X JaswanthThe Joy of Computing Using Pytho	1
34.188W5A0203Rachel GajelliThe Joy of Computing Using Pytho35.188W5A0216Gayathri JampaniThe Joy of Computing Using Pytho36.188W5A0217Kalagara V V R S VishnuThe Joy of Computing Using Pytho37.188W5A0219Korada TanushaThe Joy of Computing Using Pytho38.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho39.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho40.188W5A0222Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226Y JaswanthThe Joy of Computing Using Pytho	1
35.188W5A0216Gayathri JampaniThe Joy of Computing Using Pytho36.188W5A0217Kalagara V V R S VishnuThe Joy of Computing Using Pytho37.188W5A0219Korada TanushaThe Joy of Computing Using Pytho38.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho39.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho40.188W5A0222Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226X JaswanthThe Joy of Computing Using Pytho	1
36.188W5A0217Kalagara V V R S VishnuThe Joy of Computing Using Pytho37.188W5A0219Korada TanushaThe Joy of Computing Using Pytho38.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho39.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho40.188W5A0222Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226Y JaswanthThe Joy of Computing Using Pytho	1
37.188W5A0219Korada TanushaThe Joy of Computing Using Pytho38.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho39.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho40.188W5A0222Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226X JaswanthThe Joy of Computing Using Pytho	1
38.188W5A0220Maddireddi Ravi DurgaThe Joy of Computing Using Pytho39.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho40.188W5A0222Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226Y JaswanthThe Joy of Computing Using Pytho	1
39.188W5A0221Meriga ManjulaThe Joy of Computing Using Pytho40.188W5A0222Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226X JaswanthThe Joy of Computing Using Pytho	1
40.188W5A0222Vijaya Kumari PedasanagantiThe Joy of Computing Using Pytho41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226X JaswanthThe Joy of Computing Using Pytho	1
41.188W5A0223Shaik Pamidimarri JilanibashaThe Joy of Computing Using Pytho42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226X JaswanthThe Joy of Computing Using Pytho	1
42.188W5A0224Thejavathu ThirumalaraoThe Joy of Computing Using Pytho43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226X JaswanthThe Joy of Computing Using Pytho	1
43.188W5A0225Vemula PriyankaThe Joy of Computing Using Pytho44.188W5A0226X JaswanthThe Joy of Computing Using Pytho	1
44. 188W5A0226 Y Jaswanth The Joy of Computing Using Pytho	1
The sty of computing Using Fythe	1
45. 188W1A0264 B.Vasanthi The Joy of Computing Using Pytho	1
46. 188W1A0269 Ch.Sree Mouli The Joy of Computing Using Pytho	1
47. 188W1A0271 D.S.V.S.Harsha Vardhan The Joy of Computing Using Pytho	1
48. 188W1A0273 D.Anusha The Joy of Computing Using Pytho	1
49. 188W1A0275 E.Manikanta The Joy of Computing Using Pytho	1
50. 188W1A0279 I.Lakshya Rani The Joy of Computing Using Pytho	1
51. 188W1A0287 K.Maruthi Kumar The Joy of Computing Using Pytho	1
52. 188W1A0291 M.Dharani Sri Sai The Joy of Computing Using Pytho	1
53.188W1A0293M.Greeshma RoshiniThe Joy of Computing Using Pytho	1
54.188W1A0296N.Syam Sai KumarThe Joy of Computing Using Pytho	1
55. 188W1A02A2 P.Praveena The Joy of Computing Using Pytho	1
56.188W1A02A6P.AkshithaThe Joy of Computing Using Pytho	1
57. 188W1A02A7 Preetham The Joy of Computing Using Pytho	1
58. 188W1A02B0 Sai Karthil Podila The Joy of Computing Using Pytho	

59.	188W1A02B3	T.Rohini	The Joy of Computing Using Python
60.	188W1A02B5	T.Saicharan	The Joy of Computing Using Python
61.	188W1A02B6	K.Vijaya Lakshmi	The Joy of Computing Using Python

SENSORS AND ACTUATORS

1.	178W1A0271	Charan Manish Chigurupati	Sensors And Actuators
2.	178W1A0293	Mohammad Akram	Sensors And Actuators
3.	178W1A02A7	Shaik Rasool	Sensors And Actuators
4.	178W1A02A8	Shaik Tasleem	Sensors And Actuators
5.	178W1A02A9	Shiny Susan Edward	Sensors And Actuators
6.	178W1A02B2	S.Risitha	Sensors And Actuators

INTRODUCTION TO INTERNET OF THINGS

1.	188W1A0201	A.Kanchana	Introduction to Internet of Things
2.	188W1A0216	G.Kavya	Introduction to Internet of Things
3.	188W1A0260	A.Vijay Gopi Krishna	Introduction to Internet of Things
4.	198W5A0202	Ch.Geetanjali	Introduction to Internet of Things
5.	198W5A0203	G.Revathi	Introduction to Internet of Things
6.	188W1A0220	K.Sandhya Rani	Introduction to Embedded System
			Design
7.	188W1A0254	V.Jahnavi	Introduction to Embedded System
			Design
8.	188W1A0281	K.Syam Prasad	Google Cloud Computing
			Foundations
9.	188W1A0285	K.Madhu Chandan	Electrical Equipment And
			Machines:Finite Element Analysis

STUDENTS ACHIEVEMENTS

STUDENT PARTICIPATIONS IN CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES IN INTRA INSTITUTE:

S.No	Reg.No	Name	Date	Organizing College	Activity	Achievement								
1	188W1A02A0	N.Tanveer		Innovation	IOT	First Prize								
2	188W1A0264	B.Vasanthi	15/10/20	15/10/20	15/10/20	15/10/20	15/10/20	15/10/20	15/10/20	15/10/20	15/10/20	Day VRSEC,	Based Robotic	First Prize
3	188W1A02A6	P.Akshitha		Vijayawada	Arm	First Prize								
4	188W1A0226	L.YaminiDurga		Innovation		Second Prize								
5	188W1A0216	G.Kavya	15/10/20	15/10/20	15/10/20	Day VRSEC,	Smart Water	Second Prize						
6	188W1A0294	M.Abhishikta		Vijayawada	Dispenser	Second Prize								

STUDENT PARTICIPATIONS IN CO-CURRICULAR & EXTRACURRICULAR ACTIVITIES IN INTER INSTITUTES:

S.No	Reg.No	Name	Date	Organizing College	Activity	Achievement
1	178W1A0215	G.NagaAnandini	24/07/20 02/08/20	World Telugu Cultural Fest, Organized by TANA	Clay Moulding	First Prize
2	178W1A0215	G.NagaAnandini	12/08/20	JIGNASA Interface, Vijayawada	Painting	First Prize
3	188W1A0266	B.Mouli Krishna	01/04/21 04/04/21	WISANARIE 21, IIT Bhubaneswar	Electrical- Colloquia	Second Prize
4	188W1A02B2	R.Naga Ajay Babu	01/04/21 04/04/21	WISANARIE 21, IIT Bhubaneswar	Electrical- Colloquia	Second Prize
5	188W1A0266	B.Mouli Krishna	12/03/21 14/03/21	TECHKRITI 21 IIT Kanpur	Renewable energy source- ECDC	Third Prize
6	188W1A02B2	R.Naga Ajay Babu	12/03/21 14/03/21	TECHKRITI 21 IIT Kanpur	Renewable energy source- ECDC	Third Prize
7	188W1A0235	M.Abhigna	2020- 2021	Conducted By Forever Shinings Organization	Literary Field	Award for excellence

STUDENTS QUALIFIED FOR HIGHER STUDIES

GATE-2021

S. No	Roll No.	Name	Gate Marks	Rank	Batch
1	178W1A0205	Batchu Sri Harshitha	56	1582	2017-2021
2	178W1A02B1	Sunkara Tanuja	40	6053	2017-2021
3	178W1A0297	Paritala Dhatri Sri	34	8934	2017-2021
4	178W1A0257	Vemana Vijay Kumar	34	9184	2017-2021
5	178W1A0231	Kondeti Harish	33	9761	2017-2021
6	178W1A0298	Parvatam Deepthi	33	10008	2017-2021
7	178W1A0272	Kanaparthi Jatin Swaroop	23.33	21490	2017-2021

INNOVATION DAY

Velagapudi Ramakrishna Siddhartha Engineering College has organized Innovation day in Concurrent with the Grand Occasion of **Dr. A P J Abdul Kalam birth day on 15th October.** The college conducted **Intercollegiate Technical Model Exhibition-cum-Competition**, the theme of the program is to solve societal problems related to Agricultural, Health, Rural Development, Transportation, Urban Development, Additive Manufacturing, Industrial Internet of Thinks, Robotics Augmented Reality etc with technology related to **Industry 4.0.** The program is organized through On line mode, due to Covid-19.

The department of Electrical and Electronics Engineering has taken initiative to bring out the hard efforts of engineering students and to bring their ideas from mind to solve societal problems related to Agricultural, Health, Rural Development, Transportation, Urban Development, Additive Manufacturing, Industrial Internet of Things, Robotics Augmented Reality etc with technology related to **Industry 4.0.** The total of 8 innovative project ideas presented in the event .The students presented their innovative ideas and developed proto types in different fields of electrical and electronics engineering on innovation day 2020. To encourage the student's college awarded the cash prize for top two projects models.

S	TITLE OF POROJECT	ROLL NO	PARTICIPENT NAME	YEAR OF	
NO				STUDY	
				/COLLEGE	
1	Automatic Hand Sanitizan Dianangan	188W1A0453	Tellakula Ramya Sri	3⁄4 ECE-	
1	Automatic Hand Samuzer Dispenser	188W1A0458	Yeluripati Sucharitha	VRSEC	
	Weer A Meek Deer	188W3001090	Siddharthan A	3⁄4 EEE- SSN	
2	(Wam Door):	188W3001076	Saikrishna S	College of	
	(want Door).	188W3001077	Saiprasath R	Engineering	
		188W1A0266	Bobbili Moulikrishna		
3	Smart Electricity Bill Congrator	188W1A02B2	Rayana Naga Ajay Babu	3⁄4 EEE	
5	Smart Electricity Bin Generator	198W5A0213	Pelluri Harsha Vardhan	VRSEC	
		198W5A0214	Sivakoti Vijaya Krishna		
	Home Appliances Converted To	188W1A0260	Amalapurapu Vijay Gopi Krishna	3/ EEE	
4		188W1A0265	Bheemavarapu Girija Hema Sundar	- VRSEC	
	Smart for Devices	188W1A0271	Dadhirao S V S Harsha Vardhan		
		188W1A02A0	Neha Tanveer	34 EEE	
5	Iot Based Robotic Arm	188W1A0264	Bezawada Vasanthi	- VRSEC	
		188W1A02A6	Pedapudi Akshitha		
	Andhaar Rasad Fingar Print	188W1A04A7	Tatineni Sharmila Swaroopa	34 ECE	
6	Flectronic Voting Machine	188W1A0495	Nalluri Bhavya Sree	- % ECE-	
	Electronic voting Machine	188W1A0494	Nalamalapu Keerthi Sri	VIGLC	
		188W1A0226	Loya Yamini Durga	34 FEE	
7	Smart Water Dispenser	188W1A0216	Gugulothu Kavya	VRSEC	
		188W1A0294	Meruvu Abhishiktha	VIGLC	
	Over Voltage Protection Using	188W1A0245	Repakula Vara Prasad	34 EEE	
8	Raspherry Pi	188W1A0232	Mekala Tejavardhan	VPSEC	
		188W1A0255	Vatluri Rajesh	VISEC	

List of Projects ideas and models presented on Innovation Day 2020 (15-10-2020)

List of Prize winners on Innovation day 2020, i.e 15-10-2020

S NO	TITLE OF PROJECT	NAMES OF PARTICIPANTS	ROLL NO	COLLEGE / BRANCH	PRIZE LEVEL
	MODEL				
1	Iot Based Robotic Arm	Neha Tanveer	188W1A02A0	VRSEC / 3/4 EEE	EIDCT
		Bezawada Vasanthi	188W1A0264	VRSEC / 3/4 EEE	2000/
		Pedapudi Akshitha	188W1A02A6	VRSEC / 3/4 EEE	2000/-
2	Smart Water Dispenser	Loya Yamini Durga	188W1A0226	VRSEC / 3/4 EEE	SECOND
		Gugulothu Kavya	188W1A0216	VRSEC / 3/4 EEE	1000/
		Meruvu Abhishiktha	188W1A0294	VRSEC / 3/4 EEE	1000/-

Details of Judge

S No	Name	Designation	College
1	DR K.Chandra Sekhar	Professor And Head Of The Department Of EEE	RVR& JC College Of Engineering, Chowdavaram



BEST PROJECTS

S.No.	Roll No.	Name of the student	Name of the guide	Title of the project	Ranking
	178W1A02A8	Shaik Tasleem		Improved Cascaded	
	178W1A0262	Alapati Navya Sri	Sri.M. L. N. Vital	Multilevel Inverter	
1.	179W1 A 02D2	Suvarnakanti	Assistant	Topology With	Ι
	1/8W1A02B2	Risitha	Professor/EEE	Reduced Number Of	
	178W1A0264	Avanigadda Harika		Switches and THD	
	178W1A0297	Paritala Dhatri Sri			
	178W1A02B1	Sunkara Tanuja		Diagoalastria Douyan	
2	178W1A0296	Pachipulusu	DI. F V K L Narasimham	Generation In	п
۷.		Mounisha	Hod/EEE	Automotive Tyres	11
	178W1A0284	Kasi Reddy		Automotive Tytes	
		Lavanya			
	178W1A0210	Devineni Sai Teja	Dr. J.Ramesh	Biometric based	
3.	178W1 A 0257	Siripurapu	Associate	electronic voting	III
	1/8w1A0257	Lakshmi Rikwith	Professor/EEE	machine	

RENEWABLE ENERGY SOURCE

In our college 400kWp solar roof top power plant installed in the Mechanical Engineering department and S&H department blocks to meet the load demand. In this project Net metering system is provided to export the excess solar power to the grid. In this manner we are initiating green energy in the campus




























EDITORIAL BOARD



Dr. B. SRINIVASA RAO PROFESSOR DEPT OF EEE CHIEF-EDITOR



Dr. J. RAMESH ASSOC PROFESSOR DEPT OF EEE EDITOR



Mr. P. VENKATESH ASST PROFESSOR DEPT OF EEE EDITOR

DESIGN CREDITS



K. ASHWARYA (178W1A0227)



J.N.VISHAL ESWAR (178W1A0222)