

SPARK



News LETTER

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

January - June, 2020

GATEWAY TO JOBS

Basic tips to consider when preparing for an interview:

Choose Your Occupation Wisely:

Before you decide to pursue any career, ask yourself this question: "Can I see myself doing this all day, every day, for many years?" When you choose an occupation, make sure it's a good match for your personality, interests, aptitudes, and work-related values.

Don't Be Afraid to Ask for Help:

As much as you think you know, you don't know it all. There are people with more experience than you, and with that experience comes knowledge. To get access to it, you need experienced colleagues, in addition to your peers, in your network.

Always Acknowledge People Who Help You:

It may sound simple to acknowledge those who offer assistance, but it's genuinely a significant gesture. Whether someone gives you five minutes of their time or introduces you to a potential employer, it's important to let that person know that it meant something to you.

Own Your Mistakes:

Everybody makes mistakes. Even if you try hard not to, it will happen at some point. Of course, you will do what you can to avoid making a grave error, but sometimes they happen, despite your best efforts. While your instinct may be to run away and hide, that is the worst thing you can do.

Be Your Own Cheerleader:

Root for yourself. If you aren't your own biggest fan, who will be? Take note of and pride in all your successes and positive attributes. Don't wait for someone else to tell you "job well done!" Reflecting on your achievements will spur you on to accomplish even greater ones.

Don't Beat Yourself Up:

From time to time a little voice inside your head will whisper (hopefully not shout) that you aren't good enough or smart enough. That's the voice you need to shut out. Unfortunately, there will be plenty of people quite willing to bring you down. Don't do it to yourself, too. When you make a mistake, admit it, fix it, and move on.

Never Feel Like You Are Stuck:

No matter how careful you are about choosing the "right" career or job, someday you may want to make a change. You will probably be able to come up with a bunch of reasons not to do it (change is scary) but consider it anyway. Take this saying to heart: "If you don't like where you are, move. You are not a tree."

GATE Results:

The following is list of students who qualified in GATE-2020

S. No	Regd.No.	Name of the student	Hall Ticket Number	All India Rank	Marks Obtained	Gate Score
IV/IV B.Tech						
1	Y16EE904	M.Ramakrishna	EE20557106184	7306	41.67	456
2	Y16EE846	G.NagaVenkataSrikar	EE20557104066	5388	45	498
3	Y16EE825	Ch.Sunil Kumar	EE20557104021	29405	23.67	226
4	Y16EE808	A.Sravani	EE20557106205	6882	42.33	464
5	L17EE1003	P.Jagadeesh	EE20557119018	9742	38	448

Qualifying Marks for EE:	General	SC / ST / PD
	33.43	22.2

List of the students who won prizes in Paper Presentations & other events :-

Sl. No	Roll No	Name of the student	Name of the meet/ Contest	Date	Organized Institution	Activity	Awards
1	L18EE205	M .VENKATA SAI KRISHNA	BECTAGON 2020	14th & 15th February 2020	BAPATLA ENGINEERING COLLEGE	CIRCUIT DESIGN & DEBUGGING	1ST PRIZE
2	L18EE207	M. SIVA KRISHNA	BECTAGON 2020	14th & 15th February 2020	BAPATLA ENGINEERING COLLEGE	CIRCUIT DESIGN & DEBUGGING	1ST PRIZE
3	L18EE204	M. SUBRAMANESWARA SWAMY	BECTAGON 2020	14th & 15th February 2020	BAPATLA ENGINEERING COLLEGE	TECH HUNT	3RD PRIZE
4	L18EE202	K.SAROJINI DEVI	BECTAGON 2020	14th & 15th February 2020	BAPATLA ENGINEERING COLLEGE	TECH HUNT	3RD PRIZE
5	Y17EE041	G PURNA NARASIMHA	BECTAGON 2020	14th & 15th February 2020	BAPATLA ENGINEERING COLLEGE	TECH HUNT	3RD PRIZE
6	Y17EE051	G. V. N. S. Manisha	VVIT FEST-2K20	21st December 2019	VVIT GUNTUR	PLC	1ST PRIZE

7	Y18EE085	Marripudi Prakash Kumar	INTER SPORTS	12th February 2020	ACHARYA NAGARJUNA UNIVERSITY	BASEBALL	1ST PRIZE
8	L19EE210	RohitSambana	Inter university (ANU)	9th December 2019	CHALAPATHI INSTITUTE OF TECHNOLOGY	CHESS	2ND PRIZE
9	L19EE210	RohitSambana	VignanMahostav	1st February 2020	VIGNAN UNIVERSITY	TAEKWONDO	2ND PRIZE
10	L19EE210	RohitSambana	Inter university (ANU)	5th February 2020	ACHARYA NAGARJUNA UNIVERSITY	TAEKWONDO	2ND PRIZE
11	L19EE210	RohitSambana	SRM SPORTS FEST	15th February 2020	SRM UNIVERSITY	CHESS	1ST PRIZE
12	L18EE203	M.Suneetha	YOUTH FEST-2K20	27th February 2020	RVR&JC COLLEGE OF ENGINEERING	THROWBALL	2ND PRIZE
13	L19EE214	T.B.V ANUSHA	STUDENT NO.1	5th August 2019	RVR&JC COLLEGE OF ENGINEERING	DANCE	1ST PRIZE
14	Y18EE107	Pandirla. Aaron	STUDENT NO.1	5th August 2019	RVR&JC COLLEGE OF ENGINEERING	DANCE	1ST PRIZE
15	Y18EE094	N V SAI KEERTHAN G	VIGNAN FEST	31st January 2020	VIGNAN UNIVERSITY	MYME	1ST PRIZE

Paper Presentations by the students in various Institutions under various events:-

Sl. No	Regd,No	Name of the student	Name of the meet	Date	Organized By	Activity
1	Y17EE010	B VENKATA NARESH	NATIONAL ENGINEERING OLYMPIAD	24-04-2020 to 28-04-2020	NEO FOUNDATION	QUIZ
2	Y17EE038	G.KAVYA	YOUTH FEST-2K20	27 th FEBRUARY-2020	RVR&JC COLLEGE OF ENGINEERING	TECHNICAL QUIZ
3	Y18EE112	G.LAKSHMI PAVAN	YOUTH FEST-2K20	27 th FEBRUARY-2020	RVR&JC COLLEGE OF ENGINEERING	PAPER PRESENTATION
4	Y18EE112	G.LAKSHMI PAVAN	YOUTH FEST-2K20	27 th FEBRUARY-2020	RVR&JC COLLEGE OF ENGINEERING	POSTER PRESENTATION

5	Y17EE017	G.PURNA	VVIT-2K20	21-12-2019	VVIT	PROJECT EXPO
6	Y17EE017	N.SRI VARSHA	YOUTH FEST-2K20	27 th FEBRUARY-2020	RVR&JC COLLEGE OF ENGINEERING	PAPER PRESENTATION
7	Y16EE814	B.VASAVI	SKILL-LYNC	23-04-2020	SKILL-LYNC	CFD SIMULATIONS
8	Y17EE129	V.SRIVALLI	YOUTH FEST-2K20	27 th FEBRUARY-2020	RVR&JC COLLEGE OF ENGINEERING	PAPER PRESENTATION
9	Y17EE133	R.AHALYA	VIGYANTRAM	30-01-2020 to 31-01-2020	IISC BANGALORE	QUADCROPTER
10	Y17EE050	SK.MAYRAZ	NATIONAL LEVEL QUIZ	21-05-2020	K.C.COLLEGE OF ENGINEERING	TECHNICAL QUIZ
11	Y17EE165	V.SARVANI	NATIONAL LEVEL QUIZ	21-05-2020	K.C.COLLEGE OF ENGINEERING	TECHNICAL QUIZ
12	Y17EE134	R.V.N.SHILPA	VIGYANTRAM	30-01-2020 to 31-01-2020	IISC BANGALORE	QUADCROPTER

Seminars/Short term courses/ Workshops/ Student Meets Conducted by the Dept.:

The Department of Electrical & Electronics Engineering of R.V.R &J.C College of Engineering organized a National Level Electrical & Electronics Engineering Student Activity 'VIDYUT TARANG 2020' for the undergraduate and post graduate engineering students at national level on 27th February, 2020.

The VIDYUT TARANG 2020 is aimed at encouraging the students to acquire advanced knowledge and to make them aware of latest developments in the various engineering fields. As a part of this endeavor, the paper presentation, Poster Presentation, Project Exhibition & Technical Quiz contests are proposed to be organized to bring out the brilliance of the students. The focus is on latest aspects of Electrical & Electronics Engineering employing computer techniques.

Seminars/ Workshops/Conferences/Short Term Courses/ Symposia attended by the faculty:

- Dr. K. Swarna Sri, Dr. K. Radha Rani, Professors, Dr.A. Ramakoteswara Rao, Associate Professor attended two days FDP on ‘virtual teaching’, organized by CIT-TLC (Coimbatore Institute of Technology-Teaching Learning Centre), Coimbatore during 20 - 21 April, 2020.
- Dr. K. Swarna Sri, Professor attended FDP on ‘The new face of higher education after COVID-19’, organized by Acharyanagarjuna university on May 10, 2020.
- Dr. K. Swarna Sri, Professor attended Five day workshop on ‘Embedded, Electric Vehicle & power electronic converters for smart world’, organized by St. Joseph’s college of engineering in association with IEEE student branch chapter during 18-5-2020 to 22-05-2020.
- Dr. K. Radha Rani, Professor, Ms.P.Tripura, Assistant Professor attended one day workshop in ‘IEEE Xplore Digital Library: Delivering Research Better Than Ever’, organized by IEEE Education Society Chapter of IEEE Hyderabad Section on 05 April 2020.
- Dr.G.Sambasiva Rao, Professor, Yaramasuribabu, N. Dharani Kumar, Y. Sumanth, P.V.Mahesh, Veeranjanyulu Gopu Asst. Professors attended One Day Workshop on ‘Arduino’, Teaching learning centre, ICT organized by R.V.R. & J. C. College of Engineering, on 8 February 2020.
- Dr. A. Ramakoteswara Rao, Associate Professor, attended AICTE Training and Learning (ATAL) Academy Online FDP on ‘Artificial Intelligence’, organized by Motilal Nehru National Institute of Technology, Allahabad from 04-05-2020 to 08-05-2020.
- Dr. A. Ramakoteswara Rao, Associate Professor, attended One Day Workshop on ‘Outcome Based Education Software’, organized by vmedulife software services on 14th May 2020.
- Dr. A. Ramakoteswara Rao, Associate Professor, attended one week online Faculty Development Program on ‘Nanomaterials for Energy Harvesting and Biomedical Applications’, organized by Godavari Institute of Engineering and Technology, Rajamahendravaram, from 18 May 2020 to 22 May 2020.
- Dr. A. Ramakoteswara Rao, Associate Professor, attended one day virtual Faculty Development Programme on ‘Robotic Process Automation and its allied Machine Learning Techniques’, organized by Vels Institute of Science Technology and Advanced Studies (VISTAS) Chennai in association with Elektroniklab India Pvt Ltd, on 23rd May 2020.
- Dr. A. Ramakoteswara Rao, Associate Professor, Ms. M.Anitha, Assistant Professor, attended one week online Faculty Development Program on ‘NAAC Awareness Programme for Faculty’, organized by Marathwada Mitra Mandal Institute of Technology, Lohgaon, Pune, from 08/05/2020 to 14/05/2020.
- Dr. A. Ramakoteswara Rao, Associate Professor, attended 5 days online Faculty Development Programme on ‘Role of IOT, Embedded, Electric vehicle and Power Electronics converters for the smart world’, organized by St. Joseph's College of Engineering in association with IEEE student branch chapter, from 18th May to 22nd May 2020.
- Dr.N.Chaitanya, Associate Professor, attended 3 days workshop on ‘Real time Hardware-in-the-loop (HIL) Simulation for power electronics & power systems’, organized by Department of EEE, Anurag University, from 27th to 29th May 2020.

- Dr. G. V. Prasannaanjaneyulu Professor, attended Two Day Online Workshop on 'Online Tools & Software for Remote Teaching Learning', organized by UGC-HRDC, JNTUH, Hyderabad, from 24th & 25th April, 2020.
- Dr. G. V. Prasannaanjaneyulu Professor, attended Three day Faculty Development Program on 'Advanced Research Methodology', organized by Eswar college of Engineering, Narasaraopet, from 4th – 6th May, 2020.
- Dr. G. V. Prasannaanjaneyulu Professor, attended Two day Faculty Development Program on 'Research Paper & Project Proposal Writing', organized by SreeVidyanikethan Engineering College, A. Rangampet, Tirupathi, from 15th – 16th May, 2020.
- Dr. G. V. Prasannaanjaneyulu Professor, attended Two day online workshop on 'Modern Methods for Teaching Learning Practices', organized by Krishna University, Machilipatnam in Association with A.P State Council for Higher Education, from 12th – 13th May 2020.
- Dr. G. V. Prasannaanjaneyulu Professor, attended Five day National level online FDP on 'Cutting-Edge Technologies for Electrical Engineering', organized by Andhra Loyola Institute of Engineering and Technology, from 18th – 22th May 2020.
- Dr. G. V. Prasannaanjaneyulu Professor, attended One week Faculty Development Program on 'Research Challenges in Electrical Engineering', organized by Ramchandra College of Engineering, Eluru, from 18th – 23th May 2020.
- Dr. G. V. Prasannaanjaneyulu Professor, attended One Week National Level FDP on 'ICT Tools in Education Using MOODLE', organized by IQAC in Association with CSE Department, PACE Institute of Technology and Sciences, Ongole, from 22nd – 26th May 2020.
- Ms.V.Sarayu, Mr.Ch.RangaRao, Assistant Professors, attended Two day online faculty development program on 'Research opportunities in electrical engineering', organized by EEE Department, KHIT, Guntur, from 20th -21st May 2020.
- Ms.TripuraPidikiti, Mr.Y. Sumanth, Assistant Professors, attended Online FDP on 'Role of IoT, Embedded electric vehicle & Power electronic converters for smart world', organized by St. Joseph's college of engineering, Chennai, from 18/05/2020-22/05/2020.
- Mr.Y. Sumanth, Assistant Professor, attended International Webinar on 'Intelligent control systems', organized by New Horizon college of Engineering, Bangalore, on 29/05/2020.
- Mr. B. Sarath Chandra, Assistant Professor, attended Online FDP on 'Integration of Renewable Energy Systems', organized by Lakkireddy Balireddy College of Engineering, from 18/05/2020 to 22/05/2020.
- Mr.Veeranjaneyulu Gopu, Assistant Professor, attended Ten days work shop on 'Research Methodolgy', organized by VTU human resource centre, muddanhalli, Karnataka, from 17 jan 2020 to 26 jan 2020.
- Mr.P.V.Kishore Babu, Assistant Professor, attended Webinar on 'Electric vehicles and their impacts on electrical distribution networks', organized by Miracle Educational Society group of institutions, vizayanagaram, on 3rd june 2020.

- Mr.P.V.KishoreBabu, Assistant Professor, attended Webinar on ‘Art of writing Scientific research paper’, organized by SSN College of Engineering, Chennai, during 1-2 June 2020.
- Mr.P.V.KishoreBabu, Assistant Professor, attended National level FDP on ‘Tools for online classroom post covid-19’, organized by P.B.Siddhartha College of Arts & Science and computer Society of India-Vijayawada, during 18-20 May 2020.
- Mr.P.V.KishoreBabu, Assistant Professor, attended Webinar on ‘Drafting a Patent Application & Procedure for Filing an Indian Patent’, organized by Vignan Pharmacy College, Vadlamudi, on 10th May 2020.
- Ms.P.Tripura, Assistant Professor, attended Webinar on ‘IEEE COLLABRATEC community and its benefits to members, Operations’, organized by IEEE Computer Society Chapter, IEEE Hyderabad section, on 9 April 2020.
- Ms.P.Tripura, Assistant Professor, attended Webinar on ‘Electric Vehicles: Can Legislation Keep up with Technology’, organized by IEEE Hyderabad section, on 15 January 2020.
- Ms.P.Tripura, Assistant Professor, attended Webinar on ‘A Review of Advanced Power Module Packaging and Thermal Management in WBG Era’, organized by IEEE Hyderabad section, on 13 May 2020.
- Ms.P.Tripura, Assistant Professor, attended Three-Day Webinar Series on ‘Design of Power switched converters for Renewable Energy Applications’, organized by Koneru Lakshmaiah Education Foundation, Vaddeswaram, from 9th to 11th May, 2020.
- Ms.P.Tripura, Assistant Professor, attended 5 Days online FDP on ‘Universal Human Values and Professional Ethics’, organized by Chebrolu Engineering college, Chebrolu, from 13th-17th May 2020.
- Ms.P.Tripura, Assistant Professor, attended Three day Faculty Development program on ‘Real Time Hardware in the-Loop(HIL) Simulation for power Electronics & Power Systems’, organized by Anurag University, Hyderabad, from 27th to 29th May 2020.
- Ms.P. Tripura, Assistant Professor, attended FDP on ‘Teaching, Learning, and Assessment Strategies’, organized by IEEE Hyderabad Section, from 18 – 23 May 2020.
- Mr.Y.SuriBabu, Mr.DharaniKumar, Ms.P. Tripura, Assistant Professors, attended Five Days FDP Program on ‘Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles’, organized by Bapatla Engineering College, Bapatla, from 01-06-2020 to 05-06-2020.
- Ms.P. Tripura, Assistant Professor, attended FDP on ‘Advanced control design for power electronic converters’, organized by Mahendra Engineering College, from 2-4 May 2020.

Industrial tours & Short Visits:

Third year B.tech students have gone to 400/220KV Sub Station, Sattenapalli for a short Industrial Visit, during 18/02/2020, 19/02/2020 & 20/02/2020. These students who visited the plant in 3 batches got an insight regarding the internal working of plant. This real life experience was simply exciting, students said, after their visit.

Training & Placement Information:

- The following students of **IV/IVB.Tech (EEE) Qualified by M/s. Asahi India Glass Ltd, Gurgaon**, during the campus recruitment exercise held on **29th January, 2020**.

S. No.	Regd. No.	Name of the Student	Course & Branch
1	Y16EE947	HASSAIN SHAIK	B.Tech (EEE)
2	Y16EE976	VUNNAM NARAYANA	B.Tech (EEE)

- The following students of **IV/IVB.Tech (EEE) Qualified by M/s. Sutherland, Chennai** during Campus recruitment exercise held on **28th January, 2020**.

S. No.	Regd. No.	Name of the Student	Course & Branch
1	L17EE981	AKURATHI BHAGYA SRI	B.Tech (EEE)
2	L17EE982	A B S SIVANI GRACE	B.Tech (EEE)
3	Y16EE811	B SWATHI KIRANMAI	B.Tech (EEE)
4	Y16EE827	CHENNUPATI. MOUNIKA	B.Tech (EEE)
5	Y16EE928	PENUMALA NARESH VARMA	B.Tech (EEE)

- The following students of **IV/IVB.Tech (EEE) Qualified in M/s. Western Shipping "Westline-Group", Ahmedabad**, during the campus recruitment exercise held on **31st January, 2020**.

S. No.	Regd. No.	Name of the Student	Course & Branch
1	L17EE1005	PUTTA NAGA VISHNU REDDY	B.Tech (EEE)
2	L17EE994	MALAPATI MANOJ KUMAR	B.Tech (EEE)
3	Y16EE876	KOTA ANURAG VAMSI KRISHNA	B.Tech (EEE)
4	Y16EE885	LOHITH MOTAPARTHI	B.Tech (EEE)

- The following students of **IV/IVB.Tech (EEE) Qualified in M/s. ETHNUS Consultancy Services Pvt.Ltd, Bengaluru**, during the campus recruitment exercise held on **06th February, 2020**.

S. No.	Regd. No.	Name of the Student	Course & Branch
1	Y16EE912	NAGINENI PARAMESWARI	B.Tech (EEE)
2	Y16EE956	SURE SATYANARAYANA	B.Tech (EEE)

- The following students of **IV/IVB.Tech (EEE) Qualified in M/s. DXC Technologies, Bangalore**, Campus recruitment exercise held on **30th January, 2020**.

S. No.	Regd. No.	Name of the Student	Course & Branch
1	Y16EE886	MADDU SHEELA RANI	B.Tech (EEE)
2	Y16EE978	YATHAM RAMA S M NAGESWARA RAO	B.Tech (EEE)

- The following students of IV/IVB.Tech (EEE) Qualified in M/s. Allsec Technologies, Chennai, during the campus recruitment exercise held on 19th February, 2020.

S. No.	Regd. No.	Name of the Student	Course & Branch
1	L17EE991	KOMMAVARAPU ANIL KUMAR	B.Tech (EEE)
2	Y15EE828	BURUGUPALLI VIJAY ADHITYA	B.Tech (EEE)
3	Y16EE812	BANDLA HARI TEJA	B.Tech (EEE)
4	Y16EE847	GUDIPALLI NAGA SIVAJI GANESH	B.Tech (EEE)
5	Y16EE864	KATI KI DILEEP	B.Tech (EEE)
6	Y16EE869	K VENKATESH	B.Tech (EEE)
7	Y16EE873	K V MANIKANTA SAI KUMAR	B.Tech (EEE)
8	Y16EE874	KORITALA MADHAV	B.Tech (EEE)
9	Y16EE906	MOHAMMED ZUBER BAIG	B.Tech (EEE)
10	Y16EE933	PODILE SAI MAHESH	B.Tech (EEE)
11	Y16EE940	R S PREVEEN SUMANTH KUMAR	B.Tech (EEE)
12	Y16EE950	SHAIK NAGA NALISHA	B.Tech (EEE)
13	Y16EE952	SIKHAKOLLI VENKAT JAYANTH	B.Tech (EEE)
14	Y16EE953	SINDIRI SAI VARMA	B.Tech (EEE)
15	Y16EE977	VUTUKURI RAKESH	B.Tech (EEE)

- The following students of IV/IVB.Tech (EEE) Qualified in M/s. Cognizant Technology Solutions (CTS), Campus recruitment exercise held on 29th February & 01st March, 2020.

S. No.	Regd. No.	Name of the Student	Course & Branch
1	Y16EE918	NEELAM.CHANDRASEKHAR PRAMOD MAHAVEER	B.Tech (EEE)
2	Y16EE975	VIJAY NALAMOTHU	B.Tech (EEE)

R & D Activities:-

Research Papers Published in Journals:

- E. Aswani Kumar, **K Chandra Sekhar**, Rayapudi SrinivasaRao, “Refined Model Predictive Control of Back-to-back 3L-NPC Converter Interfacing a PMSG Based WECS with Grid for Blocking High Jumps in Voltages”, Recent Advances in Electrical & Electronic Engineering (Formerly Recent Patents on Electrical & Electronic Engineering), Volume 13, Number 1, 2020, pp. 43-51(9), Publication date: February 1, 2020.
- **M. Venkatesh, K Chandra Sekhar**, “Control and minimization of circulating harmonic current component using sliding mode control in modular multilevel converter ” Journal of Advanced Research in Dynamical and Control Systems-JARDCS, Volume 12, Special issue1, 2020, pp. 962-969, DOI: 10.5373/JARDCS/V12SP1/20201147, March, 2020.
- Shaik Mohammad Tayyab, **K Chandra Sekhar**, “A modern technique for PD detection & mitigation in GIS ” Journal of Advanced Research in Dynamical and Control Systems-JARDCS, Volume 12, issue2, 2020, pp. 2008-2014, DOI: 10.5373/JARDCS/V12I2/S20201246, April, 2020.

- M. Nagaiah, **Dr. K. Chandra Sekhar** , A Journal on “Analysis of Fuzzy Logic Controller Based Bi-Directional DC-DC Converter for Battery Energy Management in Hybrid Solar/Wind Micro Grid System” International Journal of Electrical and Computer Engineering (IJECE), ISSN: 2088-8708, Vol 10, No 3, June 2020 (PART-I).
- PonnampVenkata K Babu, Dr. K. Swarnasri, “Novel Technique for Optimal Placement and Sizing of DG in 3-Phase Unbalanced Radial Secondary Distribution System”, International Journal of Innovative Technology and Exploring Engineering, Vol. 09, Issue 4, February, 2020.
- PonnampVenkata K. Babu, Dr. K. Swarnasri, “Multi-Objective Optimal Allocation of Electric Vehicle Charging Stations in Radial Distribution System Using Teaching Learning Based Optimization”, International Journal of Renewable Energy Research, Vol. 10, No 1, March, 2020.
- PonnampVenkata K. Babu, Dr. K. Swarnasri, “Multi-Objective Optimal Allocation of Electric Vehicle Charging Stations and Distributed Generators in Radial Distribution Systems using Metaheuristic Optimization Algorithms”, Engineering, Technology & Applied Science Research, Vol. 10, No 3, June, 2020.
- M.Chiranjivi, Dr. K. Swarna Sri, “A Review On D Statcom, Dvr (Dynamic Voltage Restorer) And Upqc For Compensating Power Quality Issues”, International Journal of Grid and Distributed Computing Vol. 13, No. 1, (2020), pp. 1168 – 1175.
- SriramuluNaikMudhavath, GudapatiSambasiva Rao, “ Control of Modular Multilevel Converter Fed 3-Phase Induction Motor using DTC with PI Controller”, International Journal of Innovative Technology and Exploring Engineering, DOI: 10.35940/ijitee.C8591.019320, ISSN: 2278-3075, Volume-9 Issue-3, January 2020, Page No. 3451-3456, SCOPUS indexed.
- G. V. V. Nagaraju, SambasivaraoGudapati" Three phase PUC5 inverter fed induction motor for renewable energy applications" International Journal of Power Electronics and Drive System (IJPEDS), Vol. 11, No. 1, March 2020, pp. 1-9, ISSN: 2088-8694, SCOPUS indexed.
- SriramuluNaikMudhavath, Dr. GudapatiSambasiva Rao, ” Performance comparison of 5-level modular multilevel converter fed 3-phase induction motor with direct torque control using PI and fuzzy logic controller”, Journal of Advanced Research in Dynamical & Control Systems, DOI: 10.5373/JARDCS/V12I2/S202012554, Vol. 12, Issue-02, May 2020, ISSN 1943-023X, Pages: 2084-2095, SCOPUS indexed.
- Mr.SriramuluNaikMudhavath, Dr.GudapatiSambasiva Rao, “Direct Torque Control of MMC fed 3-Phase Induction Motor Using Fuzzy Logic Controller”, International Journal of Advanced Science and Technology, ISSN: 2005-4238, Vol. 29, No. 6, May 2020, pp. 2113–2121, SCOPUS indexed.
- SriramuluNaikMudhavath, GudapatiSambasiva Rao, “ DTC of 3-Level NPC Inverter and MMC Fed 3-Phase Induction Motor”, International Journal of Innovative Technology and Exploring Engineering, DOI: 10.35940/ijitee.G4977.059720 , ISSN: 2278-3075, Volume-9 Issue-7, May 2020, Page No. 1156-1160, SCOPUS indexed.
- CH.Naga Sai Kalyan,GudapatiSambasiva Rao, “Automatic Generation Control of Multi-Area Hybrid System Considering Communication Time Delays" Journal of Advanced Research in Dynamical & Control Systems,DOI: 10.5373/JARDCS/V12I2/S202012553, Vol. 12, Issue-02, May 2020, ISSN 1943-023X, Pages: 2071-2083, SCOPUS indexed.

- Ravindranath Tagore Yadlapalli, Rajanand Patnaik Narasipuram, AnuradhaKotapati, ‘An overview of energy efficient solid state LED driver topologies’ Int J Energy Research, 2020;44:pp 612-630.
- Yadlapalli, R.T., Kotapati, A.: Modeling, Design and Implementation of Quadratic Buck Converter for low power applications. Int. J. Power Electronics, Vol. 11, No. 3, 2020, pp. 322-338.
- Yadlapalli, R.T., Kotapati, A.: Implementation of fuzzy logic controller-based quadratic buck converter for LED lamp driver applications, Int. J. Innovative Computing and Applications, Vol. 11, Nos. 2/3, 2020, pp. 159-166.
- M. Anitha,Dr.T.R. Jyothsna , "Power Quality Enhancement in Distribution Systems using LOA Involves IUPQC",IJAST,Vol. 29, No. 03, (2020), pp. 5219-5236,ISSN: 2005-4238,SCOPUS.

International Conferences:

- PonnamVenkata K Babu, Dr. K. Swarnasri presented a paper title “Novel Technique for Optimal Placement and Sizing of DG in 3-Phase Unbalanced Radial Secondary Distribution System” in International Conference on Smart Energy Systems and Electric Vehicles (ICSESEV-2020) held during 8th – 10th Jan-2020.
- M.Anitha,Dr.T.R.Jyothsna,"Review of dual upqc for power quality improvement with different control techniques",Velagapudiramakrishnasiddhartha engineering college,8TH -10TH JANUARY,2020,ICSESEV-2020
- M.Anitha, A Control Scheme for Dual Unified Power Quality Conditioner to Improve Power Quality in Distribution System" ANDHRA UNIVERSITY,14TH&15TH ,FEBRUARY,NCECE-2020.



Student's Visit to 400/220KV Sub Station, Sattenapalli



Student's receiving certificates in VIDYUT TARANG 2020

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