

# G. PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL

## Department of Electrical & Electronics Engineering



**July 2020**



**Volume 7**

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### *About EEE Dept*



*Empowering the students towards  
Ebullient Engineers for the benefit*

#### **Vision:**

To transform the individuals into globally competent electrical and electronics engineers to realize technological needs of the society and to develop the department into an ideal education and research center.

#### **Mission:**

**Mission1:** To impart high quality education and enhance students' skills to meet the present needs by introducing concurrent trends in curriculum and through collaborative industry institution interaction.

**Mission2:** To share and disseminate expertise for use in the solution of problems faced by electrical & electronics engineering and by the society.

**Mission3:** To mould the students into responsible citizens with social, ethical and environmental awareness.



**Dr. T. Bramhananda Reddy**  
Professor & Head

#### **About EEE:**

The Department of EEE at G. Pulla Reddy Engineering College (Autonomous) was established in 1994 with an intake of 60. The intake was increased to 120 from 2008 and is affiliated to Jawaharlal Nehru Technological University, Ananthapur, Anthapuram.

The Department aims at imparting high quality technical education in the area of Electrical and Electronics Engineering. Apart from an undergraduate course, the Department is also offering one Post Graduate Program with specialization in Power Electronics with an intake of 18 since 2004. The Department seeks to shape its graduates into critical, original and independent thinkers sufficiently

equipped with the necessary tools to venture out into the practical world with professional competency, who can add to the body of scientific knowledge. It was accredited by NBA four times, first in the year 2005, then in 2008 and also in 2013 and again in 2017 as per new changes in NBA. Also the department is recognized as Research centre by JNTU University Ananthapur and full time PhD course is offered from 2013-2014 academic years onwards.

The department has a strong pool of faculty with 13 Ph.D.'s and 13 M.Tech's. It boasts of having highly qualified faculty with an unparalleled level of expertise in their respective fields. Break up of teaching staff is 5 Professors, 10 Associate Professors and 11 Assistant Professors. The sheer expertise and dedication of the faculty members along with infrastructural facilities coupled with perseverance of the students have catapulted the branch to the top league. Active research is going on in the areas of Electric vehicles, Renewable energy sources, Power Systems, Power Electronics & Drives and Control Systems.

## *Department Achievements/Workshops/Conferences*

Dr. N. Ravishankar Reddy, Assoc Prof of EEE Dept, Dr. V. Ananthakshmi, Assoc Professor of EEE Dept were elevated as Senior IEEE Members in the month of July 2019. GPREC IEEE PES CHAPTER of EEE dept stood at 9th position across the world as one of the largest PES student branch chapters in IEEE across the world for the year 2019.

Sri. C. Harinatha Reddy was selected as Vice Chairman for PES/IAS/PELS Joint Chapter of IEEE Hyderabad Section from 2020 January onwards.

Dr. N. Ravishankar Reddy received Best Research Paper award on “Reduction of Common Mode Voltage for 3-level inverter fed DTC of open end winding Induction Motor Drive” during International Conference on Computing, Communication, Electrical and Electronics Engineering (ICCEEE-2019) held at G.Pulla Reddy Engineering College, Kurnool on 10 th -11 th January 2020.

Dr. C. Harinatha Reddy, Associate Professor and Sri. A. Pradeep Kumar, Assistant Professor EEE dept has filed a Patent on “A wearable safety device and a method to operate the same” with Ref No 201941042830 dated 22/10/2019 and application number TEMP/E- 1/45433/2019-CHE and C.B.R no 34498 along with Sri. N. Dinesh Kumar, Vice Principal of Vignan Institute of Technology & Science, Deshmukhi, Nalgonda dist, Telangana other members.

Sri. A. Pradeep Kumar, Assistant Professor EEE dept has filed a Patent on “A Sewer monitoring and controlling systems a method to operate the same” with Ref No 201941042837 dated 22/10/2019 and application number TEMP/E-1/45440/2019-CHE and C.B.R no 34503 along with Sri. N. Dinesh Kumar, Vice Principal of Vignan Institute of Technology & Science, Deshmukhi, Nalgonda dist, Telangana and other members.

GPREC IEEE SB under the supervision of Dr. G. Kishor and Dr. C. Harinatha Reddy Associate Professors of EEE received **Lead Student branch** Award for the year 2019 from IEEE Hyderabad Section.

Dr. N. Ravi shankar Reddy Associate Professor , was sanctioned with Rs 3 Lakhs from AICTE/ISTE for conducting a refresher programme on “Industrial Process & Automation” in online mode and due to Covid Situation this FDP was conducted in February, March and April 2021.

Dr. C. Harinatha Reddy, Associate Professor was nominated from IEEE Hyderabad Section to attend Region 10 IEEE PES chapters chairs meeting and Training held at Macau, China during 1st to 4th Dec 2019.

**Sri. G. V . Subba Reddy, Assistant Professor received Ph.D degree from JNTUA, Andhra Pradesh**

## *New Faculty Recruited :*

S.No	Names of Faculty	Department	Designation	Qualification
1	M.Sreenivas Reddy	EEE	Assistant Professor	M.Tech

## Faculty Recharging Strategies:

S.No.	Name of the faculty	Name of the workshop/STTP/FDP	Dates	Organized by
1	Dr.B.Urmila	NPTEL online certification course on "Introduction to Smart Grid"	Jul-Sep 2019	IIT Madras
2	Sri.B.Raghavendra Reddy	NPTEL online certification course on "Control Engineering"	Jul-Oct 2019	IIT Madras
3	Dr.C.Harinatha Reddy	"Faculty Development Programme to Design, Develop & Deliver MOOC Courses through SWAYAM Platform"	5th August-10th August 2019	National Institute of Educational Planning and Administration(NIEPA) New Delhi
4	Sri.K.Siva Sankar Reddy	AICTE Sponsored Two-Week Faculty Development Program on "Data Science and Big Data Analytics"	26th Aug-7th Sep 2019.	Dept.of CSE, GPREC,Kurnool
5	Dr.C.Harinatha Reddy	IEEE "Women in Engineering International Leadership Summit 2019" organized by IEEE Bangalore Section	30 <sup>th</sup> Aug-31 <sup>st</sup> August 2019.	IEEE Bangalore Section & IEEE WIE AG
6	Dr.M.Siva Satyanarayana	AICTE training and Learning Academy programme on "Data Science"	21st -25th November 2019	Indian Institute of Information Technology(IITDM), Kurnool.
7	Dr.L.Raja Sekhar Goud	AICTE training and Learning Academy programme on Artificial Intelligence	28th Nov-2nd Dec 2019	Indian Institute of Information Technology(IITDM), Kurnool
8	Dr.V.Anantha Lakshmi			
9	Dr.M.Siva Satyanarayana			
10	Sri.B.Amarnath Naidu			
11	Dr.G.Satheesh			
12	Dr.L.Raja Sekhar Goud	AICTE training and Learning Academy programme on Internet of Things	5th Dec-9th Dec 2019	Indian Institute of Information Technology(IITDM), Kurnool.
13	Dr.M.Siva Satyanarayana			
14	Dr.Nayeemuddin			
15	Dr.B.Urmila			
16	Sri.K.Siva Sankar Reddy			
17	Sri.B.Amarnath Naidu			
18	Smt.G.Haritha			
19	Dr.C.Harinatha Reddy			
20	Sri.B.Amarnath Naidu			

## Faculty Recharging Strategies:

S.No.	Name of the faculty	Name of the workshop/STTP/FDP	Dates	Organized by
22	Sri.M. Srinivasa Reddy	NPTELonline certification course on Control Engineering	Jan to April 2020	IIT Madras
23	Dr.G.Kishor	Training on Smart Factory System	04-04-2020 to 18-04-2020	Real Time Signals, Bangalore
24	Dr.M.Harsha Vardhan Reddy	Training on Smart Factory System	04-04-2020 to 18-04-2020	Real Time Signals, Bangalore
25	Dr.G.Satheesh	One Week Online Faculty Development Program on “Research Challenges and Opportunities Post COVID-19 (RECOP 2020)” with Grade-A	4-9 May 2020	Research & Development Cell and Institution’s Innovation Council of Sri Vasavi Engineering College, Tadepalligudem
26	Dr.N.Ravi Shankar Reddy	One Week Online FDP on Moodle: Learning Management System	7th to 12th May 2020	Dr.G.Y.Pathrikar College of Computer science and Information Technology, MGM University, Aurangabad.
27	Dr.M.Siva Satyanarayana	Online FDP on Faculty Awareness Program on NAAC Accreditation	10th to 15th May 2020	Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune, Maharashtra
28	Dr.V.Anantha Lakshmi	AICTE Training And Learning(ATAL) Academy Online FDP on “Artificial Intelligence”	11-05-2020 TO 15-05-2020	University Institute of Engineering and Technology, Kurukshetra University, Kurukshetra
29	Dr.G.Satheesh	AICTE Training And Learning(ATAL) Academy Online FDP on “Artificial Intelligence”	11-05-2020 TO 15-05-2020	University Institute of Engineering and Technology, Kurukshetra University, Kurukshetra
30	Dr.G.Satheesh	National Level 5 Day Faculty Development Programme on Introduction of Accreditation Mechanism & NBA Approach	11th to 15th May 2020	Padm. Dr. V. B. Kolte College of Engineering, Malkapur (M.S.), India
31	Dr.N.Ravi Shankar Reddy	One Week Online FDP on “ Teaching , Learning and Assessment Strategies”	18th to 23rd May 2020	IEEE Education Society Chapter , Hyderabad
32	Dr.C.Harinatha Reddy			

## Faculty Recharging Strategies:

S.No.	Name of the faculty	Name of the workshop/STTP/FDP	Dates	Organized by
33	Dr.K.Sri Gowri	Programming for Everybody	5/19/2020	University of Michigan
34	Dr.G.Satheesh	One Week FDP on Modern Trends in Electrical Drives	19th to 23rd May 2020	Department of Electrical and Electronics Engineering, Nagpur Institute of Technology, Nagpur.
35	Dr.G.Kishor	5- Day National Level FDP on Artificial Intelligence	22-05-2020 to 26-05-2020	CMR Engineering College, Hyderabad in collaboration with NYCI & Brainvision Solutions India Pvt.Ltd
36	Dr.G.Satheesh	Five- Day Online Faculty Development Program on "CYBER SECURITY"	23rd to 27th May 2020	Vikas College of Engineering and Technology, Nunna, AP
37	Sri. B.Amarnath Naidu	Five Day FDP on "Cyber Security",	23rd to 27th May 2020	VRSEC in association with Supraja Technologies & Computer Society of India Vijayawada Chapter, Vijayawada
38	Dr.V.Anantha Lakshmi	One Week Online Faculty Development Program on "Power Electronics Applications in Smart Grid And Electric Vehicles"	26-05-2020 To 31-05-2020	Santhiram Engineering College: Nandyal
39	Dr.G.Kishor			
40	Dr.G.Sreenivasa Reddy			
41	Dr.M.Harsha Vardhan Reddy			
42	Dr.G.Kishor	One week Online Faculty Development Program on "MOODLE : Learning Management System"	27-05-2020 to 31-05-2020	Aligarh Muslim University ALIGARH in Association with Spoken tutorial Bombay
43	Dr.B.Urmila			
44	Dr.V.Anantha Lakshmi			

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S.No.	Name of the faculty	Name of the workshop/STTP/FDP	Dates	Organized by
45	Dr.Nayeemuddin	Faculty Development Program on "Data Science"	1st June 2020 to 30th June, 2020	Andhra Pradesh State Skill Development Corporation (APSSDC), Government of Andhra Pradesh.
46	Sri.M. Srinivasa Reddy	FDP on Data Science	1st Jun 2020-30Jun 2020	Andhra Pradesh State Skill Development Corporation (APSSDC), Government of Andhra Pradesh.
47	Sri.G.Haritha			
48	Sri.B.Raghavendra Reddy			
49	Dr.N.Ravi Shankar Reddy	One Week Online Faculty Development Program on Opportunities and Challenges in Electricity Market for the Upcoming Decades	1st to 5th June 2020	Anjuman College of Engineering and Technology, Nagpur
50	Dr.C.Harinatha Reddy	One Week Online Faculty Development Program on "Power Quality and Reactive Power Management"	1st-5th June 2020	Department of Electrical Engineering in association with CLARIANT POWER SYSTEMS Ltd by Sharad Institute of Technology, College of Engineering Yadrav ,Ichalkaranji Maharashtra, India-416121Sharad Institute of Technology College of Engineering, Yadrav-Ichalkaranji Maharashtra, India-416121
51	Dr.V.Anantha Lakshmi	One Week Online Faculty Development Program on "Power Quality and Reactive Power Management "	1st June 2020 to 5th June 2020.	Department of Electrical Engineering in association with CLARIANT POWER SYSTEMS Ltd by Sharad Institute of Technology, College of Engineering Yadrav ,Ichalkaranji Maharashtra, India-416121
52	Sri. B.Amarnath Naidu			
53	Sri. E.Sreenadh			
54	Dr.G.Kishor			

## Faculty Recharging Strategies:

S.No .	Name of the faculty	Name of the workshop/STTP/FDP	Dates	Organized by
55	Dr.N.Ravi Shankar Reddy	Five Days FDP on Advances and Challenges in Industrial Automation, E-vehicles, product and process controls Manufacturing in Electrical and Electronics Engineering	3rd to 7th June 2020	QIS College of Engineering and Technology, Ongole
56	Dr.L.Raja Sekhar Goud	Five Day Online FDP on Recent Trends in Electrical Engineering	8th -12th Jun 2020	Department of Electrical Engineering, Vishnu Institute of Technology, Bhimavaram
57	Dr.N.Ravi Shankar Reddy			
58	Dr. V.Anantha Lakshmi			
59	Sri.G.Venkata Subba Reddy			
60	Sri. B.Amarnath Naidu			
61	Sri.S.Anil Kumar			
62	Smt.S.Renuka			
63	Dr. V.Anantha Lakshmi	on-line Faculty Development Program on 'Advances in Electrical Engineering'	8th June to 13th June 2020	PVG's COET, Pune in association with PES/IAS Chapter, IEEE Pune Section
64	Dr. Y.V.Siva Reddy			
65	Dr.N.Ravi Shankar Reddy			
66	Dr.C.Harinatha Reddy			
67	Dr.G.Satheesh	<u>A Five Day FDP on Recent Innovations and Technologies in Electric Vehicles RITEV-2020</u>	<u>8th to 12th June 2020</u>	Department of EEE. GATES INSTITUTE OF TECHNOLOGY, Gooty, Anantapur
68	Dr. V.Anantha Lakshmi	One Week Online FDP on "Design of Solar PV System Using PVSYST Software"	9th to 13th June 2020	Vaagdevi College of Engineering, Warangal
69	Dr.N.Ravi Shankar Reddy	Four Days FDP on Real Time Simulation and Its Application in Power Systems and Power Electronics	10th to 13th June 2020	Institution of Engineers, Kattankulathur Local Centre & Dept. of EEE,SRM Institute of Science and Technology, Chennai

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S.No.	Name of the faculty	Name of the workshop/STTP/FDP	Dates	Organized by
70	Sri.G.Venkata Subba Reddy	One Week FDP program on "Blockchain technology and its applications"	10th to 15th June 2020.	Dept. of EEE,KSRM,Kadapa
71	Sri. K Siva Sankar Reddy			
72	Dr.G.Kishor	1-Day National Level Faculty Development Program on "Simulation of Power Electronic Converters through Python"	11/06/2020	RGM CET, Nandhyal
73	Dr.G.Satheesh			
74	Dr.G.Kishor	A National Level Online Faculty Development Programme on Electric Vehicles	11-06-2020 to 15-06-2020	Department of EEE,Vidya Jyothi Institute of Technology, Hyderabad
75	Dr.G.Kishor	One day Online FDP on Research Methodology - The art of writing persuasive Project Proposals	6/14/2020	Santhiram Engg College, Nandyal
76	Dr.Y.V.Siva Reddy	5 Days online Faculty Development Program on "Role of Automation Techniques in Electrical Engineering"	15th June 2020 to 19th June 2020	St.Joseph College of Engineering , Chennai
77	Sri.S.Anil Kumar			
78	Dr.M.Siva Satyanarayana			
79	Smt.S.Renuka			
80	Sri. B.Amarnath Naidu			
81	Smt.G.Haritha	Online Course on Programming for Everybody	15-06-2020 to 16-07-2020	University of Michigan
82	Sri.B.Raghavendra Reddy	5 Day online Faculty Development Program on Recent Challenges and Emerging Techniques On Microgrid	16 to 20th June 2020	GNITS, Hyderabad
83	Sri.M. Srinivasa Reddy			



**Faculty Recharging Strategies:**

S.No.	Name of the faculty	Name of the workshop/STTP/FDP	Dates	Organized by
84	Dr.M.Siva Satyanarayana	One Week Online Faculty Development Program on “ Recent Trends in Power Systems”	22nd to 26th June 2020	Sharad Institute of Technology College of Engineering Yadra (Ichalkaranji)
85	Dr. T. Bramhananda Reddy			
86	Dr.L.Raja Sekhar Goud			
87	Dr.N.Ravi Shankar Reddy			
88	Dr.Y.V.Siva Reddy			
89	Dr.V.Anantha Lakshmi			
90	Sri.B.Raghavendra Reddy			
91	Smt.S.Renuka			
92	Dr.G.Kishor			
93	Sri.G.Venkata Subba Reddy			
94	Sri. B.Amarnath Naidu			
95	Sri.M. Srinivasa Reddy			
96	Dr.C.Harinatha Reddy			
97	Dr.Y.V.Siva Reddy	5 Days online Faculty Development Program on "Future Research Scope in Electrical Engineering	22nd June 2020 to 26th June 2020	St.Joseph College of Engineering , Chennai
98	Smt.S.Renuka			
99	Dr.B.Urmila	FDP on Real Time Hardware-in-the-Loop (HIL) Simulation for Power Electronics & Power Systems	22-06-2020 to 26-06-2020	Rajkiya Engineering College. Mainpuri in Association with OPAL-RT Technologies & IEEE STB
100	Dr.N.Ravi Shankar Reddy			

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S.No.	Name of the faculty	Name of the workshop/STTP/FDP	Dates	Organized by
101	Dr.N.Ravi Shankar Reddy	One Week Online Faculty Development Program on Recent Advances in Electrical Engineering	22nd to 27th June 2020	Bharat Institute of Engineering and Technology, Hyderabad
102	Dr.M.Siva Satyanarayana	One Week Online Faculty Development Program on IoT & Machine Learning	26th to 30th June 2020	Dept. of ECE,GPREC, Kurnool, Andhra Pradesh.
103	Smt.G.Haritha	One Week Online Faculty Development Program on IoT & Machine Learning	26th June to 30th June 2020	Dept. of ECE,GPREC, Kurnool, Andhra Pradesh.
104	Dr.L.Raja Sekhar Goud	Three Days Online FDP on Real Time Hardware in the Loop(HIL) Simulation for Power Electronics and Power Systems	28th - 30th June 2020	G S Institute of Technology and science Indore & OPAL-RT Technologies
105	Sri.A. Pradeep Kumar Yadav	One Week International FDP on "Control theory and its applications"	29th June- 3rd July 2020	Vignan Institute of Technology and Science through TASK, Hyderabad
106	Dr.N.Ravi Shankar Reddy			
107	Dr.V.Anantha Lakshmi			
108	Sri.A. Pradeep Kumar Yadav	5 Day National Level FDP on "Recent Trends in Electric Drives and Control"	29th June- 3rd July 2020	RGM Nandhyal
109	Dr.C.Harinatha Reddy			

## *Faculty Publications-International Journals:*

S.No	Authors	Title	Journal	Vol & Year	ISSN, DOI, Impact factor
1	P. Haripriya, N.S. Chakravarthy, Y.V.Siva Reddy	Knowledge Management Practices in Technical Educational Institutions using ICT tools of Rayalaseema Region in Andhra Pradesh	International Journal of Recent Technology and Engineering (IJRTE ,	Volume-8, Issue-2S3, pp.1083-1090, July 2019	ISSN: 2277-3878 , <a href="https://doi.org/10.6113/JPE.2018.18.4.1027">https://doi.org/10.6113/JPE.2018.18.4.1027</a>
2	A. Nagaraju, N. Ravi Sankar Reddy, R. Kiranmayi	Field Stress Control of a Functionally Graded Disk Type Spacer in a Gas Insulated Bus Duct with Metal Inserts	International Journal of Innovative Technology and Exploring Engineering(IJITEE)	Volume-8 Issue-9, PP.2799-2804, July 2019	ISSN: 2278-3075
3	S.L.V Sravan Kumar. N. RaviShankar Reddy.	Quasi Switched Capacitor based Integrated Boost Series Parallel Fly-Back Converter for Energy Storage Applications	Journal of scientific and industrial reasearch	Vol.78, pp.711-715, July 2019	ISSN: 0022-4456
4	V.Anantha Lakshmi, Y.RamaMohan, G.Sateesh, T. Bramhananda Reddy, A.Pradeep Kumar Yadav	Estimation of Power Spectral Density in SVPWM based Induction Motor Drives	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume-8 Issue-9S2, PP.602-605, July 2019	ISSN: 2278-3075
5	M. Nayeemuddin, T. Bramhananda Reddy, M. Vijaya Kumar	Level Shifted Carrier Signal Based Scalar Random Pulse Width Modulation Algorithms for Cascaded Multilevel induction motor drive	World academy of Science, Engineering andTechnology	Vol:13, No:7, pp.507-515, 2019	ISSN : 1307-6892
6	G. Sreenivasa Reddy, T. Bramhananda Reddy, M. Vijaya Kumar	Analysis of Medium Scale Solar PV System Performance on	Advances in Engineering, Management and Sciences	Special Issue, No.-3, pp 97-113, September (2019)	ISSN : 0973-8975 <a href="https://doi.org/10.26782/jmcms.spl.3/2019.09.0008">https://doi.org/10.26782/jmcms.spl.3/2019.09.0008</a>

**Faculty Publications-International /National Journals/Conferences:**

S.No	Authors	Title	Journal	Vol & Year	ISSN, DOI, Impact factor
7	Mohammed Salauddin, Nayeemuddin.M	Performance Evaluation of MPPT Based Single Stage Photovoltaic Modulated Inverter for Standalone Application	International Journal of Management, Technology And Engineering	Vol. 9, Issue 10, October 2019, pp 142-151	ISSN NO : 2249-7455
8	B.Gururaj, K.Sri Gowri	Performance Optimization of an eCAR by Parametric Analysis	Engineering, Technology & Applied Science Research	Vol. 9, N0.6, Page No. 4968-4973 Dec 2019	ISSN: 2241-4487/ 1792 – 8036 <a href="https://doi.org/10.48084/etasr.3139">https://doi.org/10.48084/etasr.3139</a>
9	P.Haripriya, G.Ujwala,Pradeep yadav, Y.V.Siva Reddy	Attitude of consumer towards Green Marketing product to protect Environment for Sustainable Development: A study with reference to Rayalaseema Region Andhrapradesh	TEST Engineering & Management	Vol.82, PP. 8763 – 8767, Jan – Feb 2020	ISSN:- 0193 - 4120
10	M.Venkateswarulu, G.Satheesh, P.Sujatha	A Single Phase Stage Fault Tolerant Hybrid 5-L Inverter for Photo Voltaic System Applications	International Journal of Advanced Science and Technology (IJAST)	Vol.29,No.4, PP. 741 – 750, Feb-2020	ISSN:2005 - 4238
11	R. Ramanjan Prasad, G. Durgasukumar, C. Harinatha Reddy, K. Madhu	IoT based Smart Energy Meter and Monitoring Device	Test Engineering and Management	Vol.82, PP. 8768 – 8773 ,January-February 2020	ISSN: 0193-4120
12	A. Suresh Kumar, K. Sri Gowri, S. Nagaraja Rao, B.M.Manjunatha ,P.Rama Mohan	A New Three Phase Multilevel Inverter Topology with Symmetrical and Asymmetrical Algorithms	Test Engineering and Management	Vol.82, PP. 8633 – 8644, January-February 2020	ISSN: 0193-4120

**Faculty Publications-International /National Journals/Conferences:**

S.No	Authors	Title	Journal	Vol & Year	ISSN, DOI, Impact factor
13	K. Sri Gowri, M.Harsha Vardhan Reddy, G.Kishor,T. Bramhananda Reddy,T.Jagadeesh	Three Phase Space Vector PWM Based Multi-level Inverter for Pumping Applications	Test Engineering and Management	Vol.82, PP. 8696 – 8705, January-February 2020	ISSN: 0193-4120
14	S.Sarada, N.Ravi sankara Reddy, C.Ganesh	Reduction of Common Mode Voltage for 3-level Inverter fed DTC of Open End Winding Induction Motor Drive	Test Engineering and Management	Vol.82, Page No. 8754 – 6345 January-February 2020	ISSN: 0193-4120
15	S. Nithya Lavanya, T. Bramhananda Reddy, M. Vijay Kumar	Low Computational Burden And Fixed Switching Frequency Random Pwm Techniques For Vector Controlled Induction Motor Drive	Journal of Mechanics of Continua And Mathematical Sciences	Special Issue, No.-5, January (2020) pp 227-239	ISSN: 0973-8975
16	S. Nithya Lavanya, T. Bramhananda Reddy, M. Vijay Kumar	Vector Control of Induction Motor with Variable Sampling Frequency Random PWM Techniques for Reduced Harmonic Distortion	Test Engineering and Management	Volume 82 Page No. 14688 – 14694 January - February 2020	ISSN: 0193 - 4120
17	M.Sunil Kumar, G.Satheesh, P.Sujatha	Performance Analysis of BLDC Motor Drive Based on Optimal PI Controller	International Journal of Advanced Science and Technology (IJAST)	Vol.29,No.4, PP. 641 – 646, Feb-2020	ISSN:2005 – 4238

**Faculty Publications-International /National Journals/Conferences:**

S.No	Authors	Title	Journal	Vol & Year	ISSN, DOI, Impact factor
18	M.Chaitanya, T,Thammi Reddy, C.Rajeswari, G.Haritha	Irrigation Automation using IoT	Test Engineering and Management	Volume 82 Page Number: 12377 - 12383 January-February 2020	ISSN: 0193 - 4120
19	Urmila Bandaru, M Siva Satyanarayana, E.Sreenadh, L. RajaSekhar Goud	“Three Level Inverter Algorithms”	Test Engineering and Management	Vol.82, Page No. 11280 - 11282 , Jan – Feb 2020	ISSN: 0193 - 4120
20	G.Satheesh,Y.V. Siva Reddy, A.Purna Chandra Rao, G.Sreenivasa Reddy, K.Siva Sankar Reddy, T. Bramhananda Reddy	Design and Simulation of SPWM using Python	Test Engineering and Management	Vol.83, Page No. 9008-9014 March - April 2020	ISSN: 0193-4120
21	V.Anantha Lakshmi, Y.Rama Mohan, Nayeemuddin.M,T. Bramhananda Reddy,C.Harinath Reddy	Sentiment Based Rating Prediction through Textual Reviews	Test Engineering and Management	Vol.83, Page No. 6338 – 8762 May – June 2020	ISSN: 0193-4120
22	Nayeemuddin.M,T. Bramhananda Reddy, M. Vijaya Kumar, S.Zahoorul Haq	Random PWM Techniques to Reduce Total Harmonic Distortion for Cascaded Three- Level Fed Induction Motor Drive	Test Engineering and Management	Vol.83, Page No. 2008 – 2016 May – June 2020	ISSN: 0193-4120
23	A.Suresh Kumar, K.Sri Gowri, M.Vijay Kumar	Performance study of various discontinuous PWM strategies for multilevel inverters using generalized space vector algorithm	Journal of Power Electronics	Vol. 20, N0.1, PP.No. 100-108, Jan 2020	ISSN: 1598-2092/ 2093-4718 10.1007/s43236-019-00010-9

**Faculty Publications-International /National Journals/Conferences:**

S.No	Authors	Title	Journal	Vol & Year	ISSN, DOI, Impact factor
24	K.C.Archana , Dr.Y.V.Siva Reddy , Dr.V.Sankar	Comparative Study of Placement of Multiple DG's in an Integrated Distributed System	Test Engineering and Management	March - April 2020 Page No. 8999 - 9004.	ISSN: 0193-4120
25	B.Gururaj, K.Sri Gowri	Model Based Design and Simulation of an eCAR Power train in Real World Environment	solid state technology	Volume: 63 Issue: 2s , pp.2488-2498, April-May 2020	ISSN 0038-111X (online)
26	A.Suresh Kumar, K.Sri Gowri, M.Vijay Kumar	Decomposition based New Space Vector Algorithm for Three Level Inverter with various ADSVPWM strategies	Journal of Circuits, Systems, and Computers	Vol.29, No. 6, May 2020 <a href="https://doi.org/10.1142/S0218126620500905">https://doi.org/10.1142/S0218126620500905</a>	ISSN:0218-1266/1793-6454
27	Urmila Bandaru , Y. Sai Indira Priyadarshini	DCMLI IM Drive	Test Engineering and Management	Vol.83, Page No. 18155-18158, May – June 2020	ISSN: 0193-4120
28	Urmila Bandaru , V. Sowmya Sree	MLI for V/f Drive	Test Engineering and Management	Vol.83, Page No. 18159-18161, May – June 2020	ISSN: 0193-4120

## *Faculty Publications-International /National Journals/ Conferences:*

S.No	Authors	Title	Journal	Vol &Year	ISSN, DOI, Impact factor
29	S.L.V Sravan Kumar, N.Ravishankar Reddy, M.Vijay kumar	Low-Stress and Efficiency Design of Integrated Boost Series Parallel Fly-Back Converters	Journal of European des Systems Automatises (JESA)	Vol.53, No.3, June,2020, pp.393-401	. ISSN: 1269-6935 (print); 2116-7087

## *Faculty Publications-International Conferences:*

1	J.Bala Krishna, T. Bramhananda Reddy, M. Vijaya Kumar	Implementation of Random Pulse Width Modulation Techniques for the open end Winding Five phase Motor Drives for Reduce Acoustic Noise and Harmonic Distortion	<b>International Conference on Signal and Data Processing(ICSDP-2019)</b>	MIT Academy of Engineering, Alandi, Pune, Maharashtra India	pp.429-457, 15 <sup>th</sup> and 16 <sup>th</sup> November 2019 978-981-15-8391-9
2	J.Bala Krishna, T. Bramhananda Reddy, M. Vijaya Kumar	Discontinuous PWM Techniques to Eliminate Over-Charging Effects in Four-Level Five –Phase Induction Machine Drives	<b>International Conference on Signal and Data Processing(ICSDP-2019)</b>	MIT Academy of Engineering, Alandi, Pune, Maharashtra, India	pp.75-99, 15 <sup>th</sup> and 16 <sup>th</sup> November 2019 978-981-15-8391-9
3	Urmila Bandaru, Y. Sai Indira Priyadarshini	DCMLI IM Drive	<b>International Conference on Green Power Technology in Power Grid: Issues, Challenges &amp; Control (ICGPTPG-2019)</b>	Organized by Sri Venkateswara University College of Engineering, Tirupati, AP	19-21 Dec 2019
4	Urmila Bandaru, V. Sowmya Sree	MLI for V/f Drive	<b>International Conference on Green Power Technology in Power Grid: Issues, Challenges &amp; Control (ICGPTPG-2019)</b>	Organized by Sri Venkateswara University College of Engineering, Tirupati, AP	<b>19-21 Dec 2019</b>



## Faculty Publications-International Conferences:

S.No	Authors	Title	Journal	Vol & Year	ISSN, DOI, Impact factor
5	Naycemuddin.M, T. Bramhananda Reddy, M. Vijaya Kumar, S.Zahoorul Haq	Random PWM techniques to reduce total harmonic distortion for cascaded three-level inverter fed induction motor drive	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>	G.Pulla Reddy Engineering College Kur-nool, AP, India	10 <sup>th</sup> & 11 <sup>th</sup> Jan 2020 ISBN:-978-93-89107-69-2
6	P.Haripriya, G.Ujwala,Pradeep yadav, Y.V.Siva Reddy	Attitude of consumer towards Green Marketing product to protect Environment for Sustainable Development: A study with reference to Rayalaseema Region Andhrapradesh	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>	G.Pulla Reddy Engineering College Kur-nool, AP, India	10 <sup>th</sup> & 11 <sup>th</sup> Jan 2020 ISBN:-978-93-89107-69-2
7	B.V.Rami Reddy, Y.V.Siva Reddy	Optimal Placement and sizing of IPFC Using Hybrid Technique	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>	G.Pulla Reddy Engineering College Kur-nool, AP, India	10 <sup>th</sup> & 11 <sup>th</sup> Jan 2020 ISBN:-978-93-89107-69-2
8	C.Harinath Reddy, K.Sri Gowri, T.Brahmananda Reddy, A.Pradeep Kumar Yadav, R.Durga Rao	RCPWM Based Three-Level VSI fed Direct Torque Control of Induction motor	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>	G.Pulla Reddy Engineering College Kur-nool, AP, India	10 <sup>th</sup> & 11 <sup>th</sup> Jan 2020 ISBN:-978-93-89107-69-2
9	K.C.Archana, Y.V.Siva Reddy, V.Sankar	Comparative Study of placement of Multiple DG's in an Integrated Distributed System	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>	G.Pulla Reddy Engineering College Kur-nool, AP, India	10 <sup>th</sup> & 11 <sup>th</sup> Jan 2020 ISBN:-978-93-89107-69-2
10	M.Chaitanya,T.Thamma Reddy, C.Rajeswari,G.Haritha	Irrigation Automation using IOT	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>	G.Pulla Reddy Engineering College Kur-nool, AP, India	10 <sup>th</sup> & 11 <sup>th</sup> Jan 2020 ISBN:-978-93-89107-69-2

***Faculty Publications-International Conferences:***

S.No	Authors	Title	Journal	Vol &Year	ISSN, DOI, Impact factor
11	S. Nithya Lavanya, Dr.T.Brahmananda Reddy, Dr.M.Vijaya Kumar	Vector Control of Induction Motor with Variable Sampling Frequency Random PWM Techniques for Reduced Harmonic Distortion	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>	11 <sup>th</sup> -12 <sup>th</sup> Jan 2019	978-81-939929-3-7
12	A.Suresh Kumar, K.Sri Gowri, B.M.Manjunatha, P.Rama Mohan	A New Three Phase Multilevel Inverter Topology with Symmetrical and Asymmetrical Algorithms	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>	G.Pulla Reddy Engineering College Kurnool, AP, India	10 <sup>th</sup> & 11 <sup>th</sup> Jan 2020 ISBN:-978-93-89107-69-2
13	B.Urmila, M.Siva Satyanarayana	Three Level Algorithms	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>		
14	S.Sarada, N.Ravi sankara Reddy, C.Ganesh	Reduction of Common Mode Voltage for 3-level Inverter fed DTC of Open End Winding Induction Motor Drive	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>		
15	V.Anantha Lakshmi, Nayeemuddin.M , Y.Rama Mohan, T.Brahmananda Reddy	Sentiment Based Rating Prediction through Textual Reviews	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>		
16	R.Ramanjan Prasad, G.Durgasukumar, C.Harinatha Reddy, K.Madhu	IOT Based Smart Energy Meter and Monitoring Device	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>	G.Pulla Reddy Engineering College Kurnool, AP, India	10 <sup>th</sup> & 11 <sup>th</sup> Jan 2020 ISBN:-978-93-89107-69-2

## Faculty Publications-International Conferences:

S.No	Authors	Title	Journal	Vol & Year	ISSN, DOI, Impact factor
17	G.Satheesh, Y.V.Siva Reddy, A.Purna Chandra Rao, G.Sreenivasa Reddy, K.Siva Sankar Reddy, T.Brahmananda Reddy	Design and Simulation of SPWM using Python	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>	G.Pulla Reddy Engineering College Kur- nool, AP, India	10 <sup>th</sup> & 11 <sup>th</sup> Jan 2020 ISBN:-978- 93-89107-69- 2
18	T.Jayanth Kumar, G.Sravanthi, G.Satheesh, C.Harinatha Reddy	Axial-Flux Permanent-Magnet BLDC Machine Modelling, Design, Simulation and Analysis	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>	G.Pulla Reddy Engineering College Kur- nool, AP, India	10 <sup>th</sup> & 11 <sup>th</sup> Jan 2020 ISBN:-978- 93-89107-69- 2
19	K.Sri Gowri, M.Harshavardhan Reddy, G.Kishor, T.Brahmananda Reddy, T.Jagadeesh	Three Phase Space Vector PWM Based Multilevel In- verter for Pumping Applica- tions	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>	G.Pulla Reddy Engineering College Kur- nool, AP, India	10 <sup>th</sup> & 11 <sup>th</sup> Jan 2020 ISBN:-978- 93-89107-69- 2
20	Rameswara Red- dy.K.V,Nayeemud din.M,S.Zahoor-ul- Haq,B.Thimma Reddy	Live Weather Report Using Internet of Things with Graphi- cal Display	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering-2020 (ICCCEEE-20)</b>	G.Pulla Reddy Engineering College Kur- nool, AP, India	10 <sup>th</sup> & 11 <sup>th</sup> Jan 2020 ISBN:-978- 93-89107-69- 2
21	D. Suresh, C. Harinatha Reddy B Shankar and S. Sai Kiran	Active Neutral PointClamped Con- verter Based DSTAT- COM	<b>International Conference on Computing, Communication, Electrical and Electronics Engineering (ICCCEEE-2020)</b>	I FERP, Chen- nai and GPREC, Kur- nool during January 2020.	

## Student Achievements including IEEE SB Activities:

S.No.	Student Name	Year/Sem	Event Name	Prize on Date/Period
1	P Samyuktha	III	Chess (Women), 6 <sup>th</sup> Autonomous Engineering College Inter Collegiate Games Meet-2K20 (AECICGM)- Sri Venkateswara College of Engineering & Technology (Autonomous), Anantapuramu	First Prize, 9-11 Jan 2020
2	P Samyuktha	III	Throw ball (Women), 6 <sup>th</sup> Autonomous Engineering College Inter Collegiate Games Meet- 2K20 (AECICGM)- Sri Venkateswara College of Engineering & Technology (Autonomous), Anantapuramu	First Prize, 9-11 Jan 2020
3	P Samyuktha	III	Volley ball (Women), 6 <sup>th</sup> Autonomous Engineering College Inter Collegiate Games Meet- 2K20 (AECICGM)- Sri Venkateswara College of Engineering & Technology (Autonomous), Anantapuramu	First Prize, 9-11 Jan 2020
4	R Princy	III	Throw ball (Women), 6 <sup>th</sup> Autonomous Engineering College Inter Collegiate Games Meet- 2K20 (AECICGM)- Sri Venkateswara College of Engineering & Technology (Autonomous), Anantapuramu	First Prize, 9-11 Jan 2020
5	B Satyapaul	III	Shuttle Badmintonl (Men), 6 <sup>th</sup> Autonomous Engineering College Inter Collegiate Games Meet- 2K20 (AECICGM)- Sri Venkateswara College of Engineering & Technology (Autonomous), Anantapuramu	First Prize, 9-11 Jan 2020
6	K Chaitanya Kumari	III	IoT Workshop, Techgyan, Vidyavilla Foundation, IITH,	Certificate of Appreciation, 20-21 July 2019
7	A Lakshmi Sai Divya	II	Quiz, Kurnool District Level NSS Youth Festival, NSS	First prize, Certificate of Merit, , 23-09-2019
8	A Lakshmi Sai Divya	II	Quiz, University Level NSS Youth Festival, NSS, GPREC	Second prize, Certificate of Merit, , 23-09-2019
9	D Tejeswari	III	Paper Presentation on 3D Printing, National Level Techno Cultural Fest "Mohana Mantra", Sree Vidyaniketan Educational Institutions, Tirupathi	First prize, Certificate of Merit, 27-29 Sep 2019

## Student Achievements including IEEE SB Activities:

S.No.	Student Name	Year/Sem	Event Name	Prize on Date/Period
1	N Sumana Keerthi	II	Esaaay Writing English, Independence Day, Vivekananda Study Circle, GPREC	Second prize, Certificate of Merit, , 15-08-2019
2	S Khairun Fiza	II	Panel Discussion on Saving Electrical Energy, IEEE PES, GPREC	First Prize, Certificate of Merit, , 23-09-2019
3	Vijaya Swapna	II	Panel Discussion on Saving Electrical Energy, IEEE PES, GPREC	First Prize, Certificate of Merit, , 23-09-2019
4	V Sahithi	II	Panel Discussion on Saving Electrical Energy, IEEE PES, GPREC	First Prize, Certificate of Merit, , 23-09-2019
5	K Kasthuri	II	Panel Discussion on Saving Electrical Energy, IEEE PES, GPREC	First Prize, Certificate of Merit, , 23-09-2019
6	Bandiki Swetha	II	Panel Discussion on Saving Electrical Energy, IEEE PES, GPREC	Second prize, Certificate of Merit, , 23-09-2019
7	L Likitha	II	Panel Discussion on Saving Electrical Energy, IEEE PES, GPREC	Second Prize, Certificate of Merit, , 23-09-2019
8	G Thrisaamaa	II	Panel Discussion on Saving Electrical Energy, IEEE PES, GPREC	Second Prize, Certificate of Merit, , 23-09-2019
9	K Sowjanya Reddy	II	Panel Discussion on Saving Electrical Energy, IEEE PES, GPREC	Second Prize, Certificate of Merit, , 23-09-2019
10	B Sai Sreeja	II	Panel Discussion on Saving Electrical Energy, IEEE PES, GPREC	Second Prize, Certificate of Merit, , 23-09-2019
11	Swadeepa	II	Panel Discussion on Saving Electrical Energy, IEEE PES, GPREC	Second Prize, Certificate of Merit, , 23-09-2019
12	M Kiran	III	IPA Workshop, IEEE IAS, PES	Second prize, Certificate of Merit, , 27-29 Sep 2019
13	P Leena	III	IEEE Activities Volunteering	Certificate of Appreciation, Odd Sem, 2019-2020
14	B Vikas Kumar	III	IEEE Activities Volunteering	Certificate of Appreciation, Odd Sem, 2019-2020
15	Shivani	III	IEEE Activities Volunteering	Certificate of Appreciation, Odd Sem, 2019-2020
16	S Rishitha	III	IEEE Activities Volunteering	Certificate of Appreciation, Odd Sem, 2019-2020
17	G Shiva Kumar	III	IEEE Activities Volunteering	Certificate of Appreciation, Odd Sem, 2019-2020
18	G Thrisaamaa	II	Quiz, Republic Day Celebrations, NSS, GPREC	First Prize, 26-01-2020
19	C Jayasree	II	Quiz, Republic Day Celebrations, NSS, GPREC	First Prize, 26-01-2020
20	A lakshmi Sai Divya	II	Quiz, Republic Day Celebrations, NSS, GPREC	First Prize, 26-01-2020
21	Likitha	II	Quiz, Republic Day Celebrations, NSS, GPREC	First Prize, 26-01-2020
22	L Sai Likitha	II	Poster Presentation, Republic Day Celebrations, NSS, GPREC	Second Prize, 26-01-2020

## ***Student Achievements including IEEE SB Activities:***

**.GPREC IEEE SB received lead Student branch Award for the year 2019 from IEEE Hyderabad Section.**

**Mr. Y. Dharani Srinivas of IV EEE (2016-20 batch) have the following contributions in IEEE as given below.**

*Student Chair person for IEEEGPREC SB 2019-20*  
*Student Network member IEEE Hyderabad Section 2019-20*  
*Sponsorship committee member for SSC'19*  
*Section Ambassador for IEEE DAY19*  
*Zonal Ambassador Lead for IEEE mad C 2019-20*  
*Publicity Volunteer for CSIS19*

**Mr. K. Chakradhar Goud of IV EEE (2016-20 batch) have the following contributions in IEEE as given below.**

*Vice chairperson for IEEE GPREC SB 2019-20*  
*Graphic Designer - "IEEE R10 TODAY" an Asia-Pacific Region Newsletter 2019*  
*Resource Person (Instructor) – Adobe Photoshop Workshop (2019)*  
*Resource Person (Instructor) – Motion Graphics Workshop (2019)*

**Mr. B.VIKAS KUMAR of III EEE (2017-21) have the following contributions in IEEE as given below.**

*Treasurer for IEEE GPREC student branch 2019-20*  
*Organizer for a workshop "kick start with python" 2019-20*  
*IEEE PES DAY 2019 ambassador. Volunteer for two day national level workshop called "cyber security and ethical hacking" 2019-20*

**Mr. K Shiva Kumar of III EEE (2017-21) have the following contributions in IEEE as given below.**

*Secretary of Computer society at IEEE GPREC SB 2019-20*  
*Volunteered All India PES students congress held at Bangalore in October 2019.*

**1. Ms.N.Sai Divya (179X1A04A6) was awarded with IEEE Region 10 women in Engineering outstanding student volunteer award for the year 2020.**

**2. Ms.N.Sai Divya was awarded with IEEE computer society Richard E. Merwin Scholar for demonstrating outstanding involvement in an IEEE computer society student chapter, excellence in academic achievement and promise in future efforts in the year 2019.**

**3. Ms.N.Sai Divya published an article on "Role of computer vision in Health care" at IEEE computer society compute edition-8, November, 2020.**

**4. A.Siri Chandana (169X1A0402) has secured second prize in Singing in National level cultural mela presented in the year 2019 by S.V.SubbaReddy foundation of culture & amp; human service society.**

**IEEE SB/WIE AG/PES students' Chapter activities:**

S.No	Name of the event	Date	SB participants	Total participants
1	IEEE-PELS-Technical talk on Electric vehicles	2 <sup>nd</sup> July 2019	28	49
2	IEEE-PELS day celebrations	2 <sup>nd</sup> July 2019	28	49
3	IEEE-PES-Workshop on “IPA-2019”	27-29 <sup>th</sup> Sept 2019	07	65
4	IEEE-CS chapter Block Chain Technology	21 <sup>st</sup> Sept 2019	36	180
5	IEEE-CS chapter-Awareness on IEEEExtreme	27 <sup>th</sup> Sept 2019	35	38
6	IEEE-CS chapter-Awareness on IEEE madC	27 <sup>th</sup> Sept 2019	35	38
7	IEEE-Day Celebrations 2019	1 <sup>st</sup> Oct 2019	68	95
8	IEEE-Professional talk on “Acquiring employability skills-Need of the hour”	1 <sup>st</sup> Oct 2019	68	95
9	IEEE-RAS chapter One day workshop on-“Awareness on Industrial Robotics”	27 <sup>th</sup> July 2019	24	193
10	IEEE-RAS chapter- Technical talk on “3-D printing technology “	27 <sup>th</sup> July 2019	24	193
11	IEEE-RAS-chapter-Technical talk on “Arduino micro controller and its applications”	3-10-2019	8	25
12	IEEE-IAS-Workshop on “IPA-2019”	27-29 <sup>th</sup> Sept 2019	07	65
13	IEEE-ITSOC chapter-Two day workshop on “Cyber security and ethical hacking”	16-17 <sup>th</sup> August 2019	18	125
14	IEEE-ITSOC-chapter-An event on “Code combat”	1 <sup>st</sup> October 2019	21	54
15	IEEE-MTT-chapter- Quiz competition	11 <sup>th</sup> Oct 2019	08	15
16	IEEE-PES/IAS – Chapter event on “Engineering nitty Gritty”	14 <sup>th</sup> August 2019	14	86

**IEEE SB/WIE AG/PES students' Chapter activities:**

S.No	Name of the event	Date	SB participants	Total participants
17	IEEE-PES/IAS-Chapter event on "Wireless networks applications in Electrical Engg"	14 <sup>th</sup> August 2019	14	86
18	IEEE-Awareness on IEEE and its benefits to students for I year students	19th-24 <sup>th</sup> August 2019	10	524
19	IEEE-WIEAG-Elocution-"Role women in Waste Management-Need of the hour"	28-08-2019	-	12
20	IEEE-WIEAG-Gender Issues and Awareness	28-09-2019	-	200
21	IEEE-WIEAG-Quiz competition on Gender Issues and Awareness	28-09-2019	-	200
22	IEEE-WIE-AG-Awareness of IEEE Benefits for women II and III CSE	03-10-2019	10	34
23	IEEE-PES-Faraday Memorial lecture on "Recent developments in Electronics"	21-09-2019	12	35
24	IEEE-PES-Introduction to Matlab for III EEE students	30-08-2019	05	115
25	IEEE-PES-Awareness Programme for II EEE students	24-08-2019	15	115
26	IEEE-PES-Panel discussion on Saving of Electrical Energy for II EEE students	23-09-2019	12	70

**IE(India): EEE Students' chapter Activities:**

S.No	Date	Name of the Event	NO.OF PARTICIPANTS
1	08.07.2019	Selection of New IE(I) members	18
2	10.07.2019	IEI Students' Committee Meet	19
3	29.07.2019	Presentation on 1. "Advanced Submersible Pump" and 2. Summer Internship at "KIA Motors" by P.Guna Vamshi**	49
4	30.07.2019		39
5	02.08.2019		52



***IE(India): EEE Students' chapter Activities:***

<b>S.No</b>	<b>Date</b>	<b>Name of the Event</b>	<b>NO.OF PARTICIPANTS</b>
6	02.08.2019	Visit to Solar Power Plant (GPREC)	44
7	05-08-2019	1. "Innovative Ideas" by B. Venkata Siva Prasad of VII Sem B-Section, 2. "Cyber Crime Victims" by F.Prabhakar Babu of VII Sem A-Section, and Presentation and Discussion on "RTI Act Amendment" by S.Masoom Basha of VII Sem B Section	86
8	05-08-2019	Debate on "Impact of Social Media on Society", and "Theoretical Knowledge Vs Practical Knowledge"	41
9	06-08-2019	Visit to Solar Power Plant (GPREC)	31
10	09-08-2019	"Technical Quiz" L.Venkateswara Reddy of V Sem A Section	40
11	09-08-2019	Visit to Solar Power Plant (GPREC)	30
12	26-08-2019	1. "Cause behind failure of Start-Ups" and 2. "Is Technology raising unemployment?"	10
13	26-08-2019	1. "Is population in India an asset?" 2. "Cricket as obsession is a bane to other sports in India"	57
14	27-08-2019	1. "Impact of Social Networking" and 2. "E-Learning Pros and Cons"	58
15	30-08-2019	1. "Is population in India an asset?" 2. "Cricket as obsession is a bane to other sports in India"	25
16	30-08-2019	1. "Impact of Social Networking" and 2. "E-Learning Pros and Cons"	28
17	20-09-2019	Technical Quiz by D.Pranitha Reddy 169X1A0223, K.Siva Krishna 169X1A0259	41
18	20-09-2019	Technical Quiz by K.Siva Krishna 169X1A0259, D.Pranitha Reddy 169X1A0223	16
19	23-09-2019	Group discussion on "Article 370"	27

***IE(India): EEE Students' chapter Activities:***

<b>S.No</b>	<b>Date</b>	<b>Name of the Event</b>	<b>NO.OF PARTICIPANTS</b>
20	23-09-2019	Interaction with TCS & CTS selected candidates	40
21	24-09-2019	Interaction with TCS & CTS selected candidates	17
22	27-09-2019	Interaction with TCS & CTS selected candidates	43
24	30-09-2019	“General Quiz” by K.Siva Krishna 169X1A0259	23
25	30-09-2019	Quiz on “Logical Reasoning“ by Y.Revati 179X1A02B1, Y Sindhuja 179X1A02A9, A.Swarupa 179X1A0201	48
26	01-10-2019	Discussion on Innovative idea “Speed Limit Indications and Automatic Control of a Car on Highway” by P.Guna Vamshi	08
27	04-10-2019	Quiz on “Logical and Lateral Thinking“ by K.Sireesha, 179X1A0254	15
28	04-10-2019	Quiz on “Logical Reasoning“ by Y.Revati 179X1A02B1, Y Sindhuja 179X1A02A9	50
28	04-10-2019	Quiz on “Logical Reasoning“ by Y.Revati 179X1A02B1, Y Sindhuja 179X1A02A9	50
30	07-10-2019	Discussion on Innovative idea “Speed Limit Indications and Automatic Control of a Car on Highway” by P.Guna Vamshi	45
31	08-10-2019	“Bolt IoT Internship” by Ravi Teja and Tejeswari	50
32	11-10-2019	Quiz on “IT Questions with Puzzles, Facts of India,“ by K.Sireesha, 179X1A0254, S.Sravani	55
33	11-10-2019	Group Discussion on “International Girls Day” by D.Pranitha Reddy 169X1A0223	34
34	14-10-2019	Debate on “Technology”	39
35	14-10-2019	Presentation and Discussion on “Electrical Energy Harvesting by Centrifugal Force” by P.Guna Vamshi**	41
36	15-10-2019	1. Debate on “Present Education System” 2.“General Quiz” by D.Pranitha Reddy 169X1A0223 and K.Siva Krishna 169X1A0259	07

***IE(India): EEE Students' chapter Activities:***

<b>S.No</b>	<b>Date</b>	<b>Name of the Event</b>	<b>NO.OF PARTICIPANTS</b>
37	18-10-2019	Presentation and Discussion on “Electrical Energy Harvesting by Centrifugal Force” by P.Guna Vamshi**	25
38	21-10-2019	Presentation on “Display of Circular/Notification sent directly to Class Room” by K.Siva Krishna 169X1A0259	35
39	21-10-2019	Discussion on “Ideas on Modern Technology and its usages “	48
41	25-10-2019	Discussion on Innovative idea “Speed Limit Indications and Automatic Control of a Car on Highway” by P.Guna Vamshi**	20
42	02.12.2019	Discussion on the events to be conducted for the Semester by K.Siva Krishna 169X1A0259, B.Sowmya 169X1A0205 –VIII-B	53
43	03.12.2019	Discussion on the events to be conducted for the Semester by V. Rajasekhar 179X1A02A6, M.Indu 169X1A0253- VI B	54
44	04.12.2019	Discussion on the events to be conducted for the Semester by L.Venkateshwar Reddy, 179X1A0255, Y.Revati, 179X1A02B1, A.Swarupa 179X1A0201- VI A	65
45	04.12.2019	Discussion on the events to be conducted for the Semester by J. Naveen Kumar, 169X1A0273, B.V.Siva Prasad, 179X1A02D6- VIII A	52
46	04.12.2019	Discussion on the events to be conducted for the Semester by P.Kavya, 189X1A0272, K.Bhavya Sai, 189X1A0217, K.Vinay Kumar, 189X1A0256- IV A	38
47	04.12.2019	Discussion on the events to be conducted for the Semester by J.Pavani, 189X1A0214, B.Swetha, 189X1A0204, M.Guru Charan, 189X1A0238- IVB	62
48	09.12.2019	IEI Students' Chapter Members Meet	19
49	09-12-2019	Discussion on CAA lead by S.Masoom Basha, 179X1A02D9- VIII B	53
50	10-12-2019	Presentation on “Display of Circular/Notification sent directly to Class Room” by K.Siva Krishna 169X1A0259- VI B	67
51	11-12-2019	Presentation on “Display of Circular/Notification sent directly to Class Room” by K.Siva Krishna 169X1A0259- VI A	65

***IE(India): EEE Students' chapter Activities:***

<b>S.No</b>	<b>Date</b>	<b>Name of the Event</b>	<b>NO.OF PARTICIPANTS</b>
52	11-12-2019	Discussion on CAA lead by S.Masoom Basha, 179X1A02D9- VIII A	50
53	11-12-2019	Aptitude Quiz conducted by P.Kavya, 189X1A0272, K.Bhavya Sai, 189X1A0217, K.Vinay Kumar, 189X1A0256- IV A	39
54	11-12-2019	Aptitude Quiz conducted by by J.Pavani, 189X1A0214, B.Swetha, 189X1A0204, M.Guru Charan, 189X1A0238- IV B	31
56	17-12-2019	Discussion on CAA lead by S.Masoom Basha, 179X1A02D9- VI B	69
57	18-12-2019	Discussion on CAA lead by S.Masoom Basha, 179X1A02D9- VI A	52
58	18-12-2019	JAM conducted by K.Siva Krishna 169X1A0259- VIII A	52
59	18-12-2019	Presentation on "Display of Circular/Notification sent directly to Class Room" by K.Siva Krishna 169X1A0259- IV A	45
60	18-12-2019	Presentation on "Display of Circular/Notification sent directly to Class Room" by K.Siva Krishna 169X1A0259- IV B	34
61	23-12-2019	Discussion on "Disha Case" lead by K.Siva Krishna 169X1A0259- VIII B	54
62	24-12-2019	Discussion on "Disha Case" lead by B.Likhitha, 189X5A02B3- VI B	68
63	30-12-2019	"Technical Quiz" by B.Sowmya, 169X1A0205- VIII B	55
64	31-12-2019	"Technical Quiz" by B.Likhitha, 189X5A02B3- VI B	36
65	06-01-2020	"Aptitude Quiz" by B.Sowmya, 169X1A0205- VIII B	55
66	07-01-2020	"Aptitude Quiz" by B.Likhitha, 189X5A02B3 – VI B	68
67	20-01-2020	Discussion on "Hard work Vs Smart Work" lead by K.Siva Krishna 169X1A0259- VIII B	55
68	21-01-2020	Discussion on "Hard work Vs Smart Work" lead by L.Venkateshwar Reddy, 179X1A0255- VI B	55

***IE(India): EEE Students' chapter Activities:***

<b>S.No</b>	<b>Date</b>	<b>Name of the Event</b>	<b>NO.OF PARTICIPANTS</b>
69	22-01-2020	Discussion on "Hard work Vs Smart Work" lead by L.Venkateshwar Reddy, 179X1A0255- VI A	65
70	22-01-2020	Discussion on "Hard work Vs Smart Work" lead by K.Siva Krishna 169X1A0259- VIII A	61
71	22-01-2020	Discussion on CAA lead by S.Masoom Basha, 179X1A02D9- IV A	54
73	04-02-2020	Discussion on "Technical Hands-on experience while designing a Model" lead by L.Venkateshwar Reddy, 179X1A0255- VI B	71
74	05-02-2020	Discussion on "Technical Hands-on experience while designing a Model" lead by K.Siva Krishna 169X1A0259- VIII A	60
75	05-02-2020	Discussion on "Technical Hands-on experience while designing a Model" lead by L.Venkateshwar Reddy, 179X1A0255- VI A	73
76	05-02-2020	Discussion on "Requirement of Core/Software Job" lead by S.Masoom Basha, 179X1A02D9- IV A	59
77	05-02-2020	Discussion on CAA lead by S.Masoom Basha, 179X1A02D9- IV B	62
78	10-02-2020	Discussion on "Requirement of Core/Software Job" lead by K.Siva Krishna 169X1A0259	55
79	11-02-2020	Discussion on "Requirement of Core/Software Job" lead by L.Venkateshwar Reddy, 179X1A0255- VI B	72
80	12-02-2020	Discussion on "Start Up" lead S.Masoom Basha,	48
81	12-02-2020	Discussion on "Requirement of Core/Software Job" lead by L.Venkateshwar Reddy, 179X1A0255- VI A	26
82	12-02-2020	Discussion on "Entrepreneur Vs Job" lead by S.Masoom Basha, 179X1A02D9- IV A	45
83	12-02-2020	Discussion on "Entrepreneur Vs Job" lead by K.Siva Krishna 169X1A0259 VIII A	60

***IE(India): EEE Students' chapter Activities:***

<b>S.No</b>	<b>Date</b>	<b>Name of the Event</b>	<b>NO.OF PARTICIPANTS</b>
84	17-02-2020	Discussion on "Entrepreneur Vs Job" lead by K.Siva Krishna 169X1A0259 VIII B	55
85	18-02-2020	Discussion on "Entrepreneur Vs Job" lead by L.Venkateshwar Reddy, 179X1A0255- VI B	53
86	19-02-2020	Discussion on "Available Thrust Areas for Business" lead by S.Masoom Basha, 179X1A02D9- IV B	47
88	19-02-2020	Discussion on "Start Up" lead by S.Masoom Basha, 179X1A02D9- IV A	43
89	19-02-2020	Discussion on "Start Up" lead by K.Siva Krishna 169X1A0259 VIII A	60
90	25-02-2020	Discussion on "Start Up" lead by K.Siva Krishna 169X1A0259 VIII B	55
91	25-02-2020	Discussion on "Start Up" lead L.Venkateshwar Reddy, 179X1A0255- VI B	56
92	26-02-2020	Discussion on "Necessity of You Tube" lead by L S.Masoom Basha, 179X1A02D9- IV B	19
93	26-02-2020	Discussion on "Start Up" lead L.Venkateshwar Reddy, 179X1A0255- VI A	65
94	26-02-2020	Discussion on "Available Thrust Areas for Business" lead by S.Masoom Basha, 179X1A02D9- IV A	08
95	26-02-2020	Discussion on "Available Thrust Areas for Business" lead by K.Siva Krishna 169X1A0259 VIII A	60
96	03-03-2020	Discussion on "Available Thrust Areas for Business" lead by L.Venkateshwar Reddy, 179X1A0255- VI B	61
97	03-03-2020	Discussion on "Available Thrust Areas for Business" lead by K.Siva Krishna 169X1A0259 VIII B	55
98	04-03-2020	Discussion on "Available Thrust Areas for Business" lead by L.Venkateshwar Reddy, 179X1A0255- VI A	64
99	04-03-2020	Discussion on "Necessity of You Tube" lead by K.Siva Krishna 169X1A0259 VIII A	60
100	10-03-2020	Discussion on "Necessity of You Tube" lead by L.Venkateshwar Reddy, 179X1A0255- VI B	62
101	10-03-2020	Discussion on "Necessity of You Tube" lead by K.Siva Krishna 169X1A0259 VIII B	55

**IE(India): EEE Students' chapter Activities:**

S.No	Date	Name of the Event	NO.OF PARTICIPANTS
102	11-03-2020	Discussion on "Corona Precautions" lead by L.Venkateshwar Reddy, 179X1A0255- VI A	58
103	11-03-2020	Discussion on "Necessity of You Tube" lead by S.Masoom Basha, 179X1A02D9- IV A	52
104	11-03-2020	Discussion on "Corona Precautions" lead by K.Siva Krishna 169X1A0259 VIII A	60
106	17-03-2020	Discussion on "Corona Precautions" lead by K.Siva Krishna 169X1A0259 VIII B	55

**Internship Programmes:**

S. No.	Roll Number	Student Name	Company	Start Date	End Date
1	169X1A0202	B HANEESHA	CTS	12/7/2019	4/13/2020
2	169X1A0207	GADHAMSETTY NAGA LAKSHMI	CTS	12/7/2019	4/13/2020
3	169X1A0219	BATHULA VENKATA SAI BHAVYA	CTS	12/7/2019	4/13/2020
4	169X1A0223	D PRANITHA REDDY	CTS	12/7/2019	4/13/2020
5	169X1A0225	NANUBALA SAMANVITHA	CTS	12/7/2019	4/13/2020
6	169X1A0226	PALURI DEEKSHA SAHITHI	CTS	12/7/2019	4/13/2020
7	169X1A0229	PRATHIBHA B	CTS	12/7/2019	4/13/2020
8	169X1A0231	SHARANYA N	CTS	12/7/2019	4/13/2020
9	169X1A0240	V SUPRITHA	CTS	12/7/2019	4/13/2020
10	169X1A0242	YARRAMACHU PRANATHI	CTS	12/7/2019	4/13/2020
11	169X1A0247	MARAPA REDDY BHARATHI	CTS	12/7/2019	4/13/2020
12	169X1A0248	PALLETI PRATHYUSHA	CTS	12/7/2019	4/13/2020
13	169X1A0250	SINGALAMALA AMEENA	CTS	12/7/2019	4/13/2020
14	169X1A0251	DANE VARSHITHA	CTS	12/7/2019	4/13/2020
15	169X1A0252	GANDLA ANUSHA	CTS	12/7/2019	4/13/2020
16	169X1A0257	GAJULA NARESH	CTS	12/7/2019	4/13/2020
17	169X1A0258	VADDE SHYAM SEKHAR	CTS	12/7/2019	4/13/2020
18	169X1A0260	SHEIK TEKKIEM BABJAN	CTS	12/7/2019	4/13/2020
19	169X1A0261	GAJULA HARISH	CTS	12/7/2019	4/13/2020
20	169X1A0274	KODIGANTI SANTHOSH	CTS	12/7/2019	4/13/2020
21	169X1A02A4	B ALOK	CTS	12/7/2019	4/13/2020
22	169X1A02A6	B SIVA KUMAR REDDY	CTS	12/7/2019	4/13/2020

**Internship Programmes:**

S. No.	Roll Number	Student Name	Company	Start Date	End Date
23	169X1A02B1	K CHAKRADHAR	CTS	12/7/2019	4/13/2020
24	179X5A02C8	THOTAMSETTY NAGADILEEP KUMAR	CTS	12/7/2019	4/13/2020
25	179X5A02E0	THONDURU KHAJAHUSSAIN	CTS	12/7/2019	4/13/2020

**Students' participation in workshops:**

S.No.	Student Name	Year/Sem	Event Name	Date Participated
<b>Workshops outside to GPREC 2019-2020</b>				
1	G Shiva Kumar	III	Arduino Interfacing Workshop, IEEE SB, GNITS, Hyderabad	2-3 Nov 2019
2	P Deeksha Sahithi	IV	Arduino Interfacing Workshop, IEEE SB, GNITS, Hyderabad	2-3 Nov 2019
3	B Vikas Kumar	III	Arduino Interfacing Workshop, IEEE SB, GNITS, Hyderabad	2-3 Nov 2019
4	G Palli Sai Vandana	III	Women in Entrepreneurship & Career Opportunities, IEEE SB, WIE GNITS, Hyderabad	21 Jan 2020
5	S Abdul Khader Jeelan Arafath	III	Women in Entrepreneurship & Career Opportunities, IEEE SB, WIE GNITS, Hyderabad	21 Jan 2020
<b>Workshops @ GPREC 2019-2020</b>				
1	G Palli Sai Vandana	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
2	K Deepthi	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
3	B Vishnu Priya	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
4	M Vijaya Lakshmi	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
5	M Vyshnavi	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
6	S Md Ayesha Siddika	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
7	M Anjali	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
8	B Vijaya Swapna	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019



***Students' participation in workshops:***

S.No.	Student Name	Year/Sem	Event Name	Date Participated
10	P Sai Puneeth Reddy	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
11	N Maheswari	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
12	K Swadeepa	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
13	G Deepa	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
14	Rajeswari M	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
15	V Gnaneswari	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
16	V Sree Lalitha	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
17	A Keerthana	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
18	K Lahari	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
19	K Chaitanya Kumari	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
20	B Vikas Kumar	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
21	A Karthik	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
22	K Ashok	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
23	G Sai Vandana	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
24	A Deepika	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
25	L Naga Sahithi	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
26	D Tejeswari	III	Industrial Robotics Workshop, IEEE Robotics & Automation Society SC, GPREC	27-07-2019
27	L Sai Likitha	III	Hands on Workshop on Kickstart with Python, IEEE Communication Society , Students' Chapter, GPREC	03-08-2019
28	G Palli Sai Vandana	III	Hands on Workshop on Kickstart with Python, IEEE Communication Society , Students' Chapter, GPREC	03-08-2019
29	T Abdullah	III	Hands on Workshop on Kickstart with Python, IEEE Communication Society , Students' Chapter, GPREC	03-08-2019
30	Anusha G	III	Hands on Workshop on Kickstart with Python, IEEE Communication Society , Students' Chapter, GPREC	03-08-2019
31	M Indu	III	Two Day Workshop on Cyber Security and Ethical Hacking, IEEE Information Theory Society , Students' Chapter, GPREC	16-17 Aug 2019

***Students' participation in workshops:***

S.No.	Student Name	Year/Se m	Event Name	Date Participated
32	S Apsia Ruhie	III	Two Day Workshop on Cyber Security and Ethical Hacking, IEEE Information Theory Society , Students' Chapter, GPREC	16-17 Aug 2019
33	P Ramya Sree	III	Two Day Workshop on Cyber Security and Ethical Hacking, IEEE Information Theory Society , Students' Chapter, GPREC	16-17 Aug 2019
34	M Poojitha	III	Two Day Workshop on Cyber Security and Ethical Hacking, IEEE Information Theory Society , Students' Chapter, GPREC	16-17 Aug 2019
35	N Lavanya	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
36	G Palli Sai Vandana	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
37	B Vishnu Priya	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
38	M Indu	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
39	K Sowjanya	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
40	N Kavitha	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
41	Y Thanuja	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
42	T Harshitha	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
43	C Dhanya	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
44	S Sai Rishitha	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
45	S Sai Sivani Reddy	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
46	M Kiran	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
47	Y Revati	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
48	G Shiva Kumar	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
49	G Deepa	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
50	T Abdullah	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
51	LK Chandana	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019

*Students' participation in workshops:*

S.No.	Student Name	Year/Sem	Event Name	Date Participated
52	N Ramaiah	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
53	K Haritha	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
54	K Sireeshas	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
55	V Gnaneswari	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
56	D Sridevi	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
57	A Keerthana	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
58	N Kameswari	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
59	P V Sai Susmitha	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
60	S Kareema Ashmin	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
61	G Anusha	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
62	K Lahari	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
63	M Sushma	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
64	S Sreeramulu	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
65	V Siva Rami Reddy	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
66	L Venkateswara Reddy	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
67	M Rajeev Kumar	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
68	K Supraja	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
69	K Chaitanya Kumari	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
70	Y Sindhuja	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
71	A Karthik	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
72	D Tejeswari	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
73	M Harshitha	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019

*Students' participation in workshops:*

S.No.	Student Name	Year/Sem	Event Name	Date Participated
52	N Ramaiah	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
53	K Haritha	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
54	K Sireeshas	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
55	V Gnaneswari	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
56	D Sridevi	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
57	A Keerthana	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
58	N Kameswari	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
59	P V Sai Susmitha	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
60	S Kareema Ashmin	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
61	G Anusha	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
62	K Lahari	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
63	M Sushma	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
64	S Sreeramulu	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
65	V Siva Rami Reddy	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
66	L Venkateswara Reddy	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
67	M Rajeev Kumar	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
68	K Supraja	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
69	K Chaitanya Kumari	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
70	Y Sindhuja	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
71	A Karthik	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
72	D Tejeswari	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019
73	M Harshitha	III	Introduction to MATLAB Workshop, IEEE PES, Students' Chapter, GPREC	30 Aug 2019

***Placement Details-2019-20***

<b>S.No</b>	<b>Name of Company</b>	<b>No.of students selected</b>
1	TCS	15
2	MIND TREE	01
3	BTBP	01
4	DXS	03
5	WIPRO	15
6	MPHASIS	03
7	QUICK RIDE	01
8	SHELL PRO TECHNOLOGIES	01
9	CTS	27
10	INFOSYS	10
<b>Total</b>		<b>77</b>



conducting by IEEE Robotics and Automation Society

# WORKSHOP ON ROBOTICS AND 3D PRINTING

THE GOLDEN OPPORTUNITY YOU ARE  
SEEKING IS IN THE REACH OF YOUR  
HANDS

**27 JULY**  
**BY SADANAND LANKA, VIVA**  
**TECHNOLOGIES**

**G Pulla Reddy Engineering College (Autonomous) :Kurnool****IEEE Student Branch STB15721****Robotics and Automation Society**

**Sub:-** IEEE RAS SB – A one day work shop on Industrial Robots and 3D Printing.

**Date:**27-07-2019

**Time:** 9:30AM to 4:30PM

**Venue:** Auditorium

**Total Number of participants:** 240

**Objectives:** The main objective of this work shop is to have a awareness, promulgate the knowledge and to know about various technologies that have been developed in the field of Robotics and Automation. A first one day work shop organized by IEEE RAS GPREC Student Branch on Industrial Robots and 3D Printing by sri **Lanka Sadanand**, CEO, Vivatech, Hyderabad, Telangana and **Dr. K. Devaki Devi**, Associate Professor, Mechanical Engineering Department , GPREC.

**About IEEE :**

IEEE stands for Institute of Electrical and electronic engineering and was formed in 1963 by merging two organizations called TWI and SWTE which were found by IRE in 1912. The IEEE headquarters are located in Piscataway, New Jersey and is the leading professional association for the advancement of technology and is the world's largest technical professional societies with more than 400,000 members in more than 160 countries and IEEE Student Branch gives students a community of peers, and a connection to faculty and industry professionals who drive innovation in countless technical fields. In addition to benefits, IEEE offers programs and project that keep students interested in the student branch and its activities and their chosen profession.

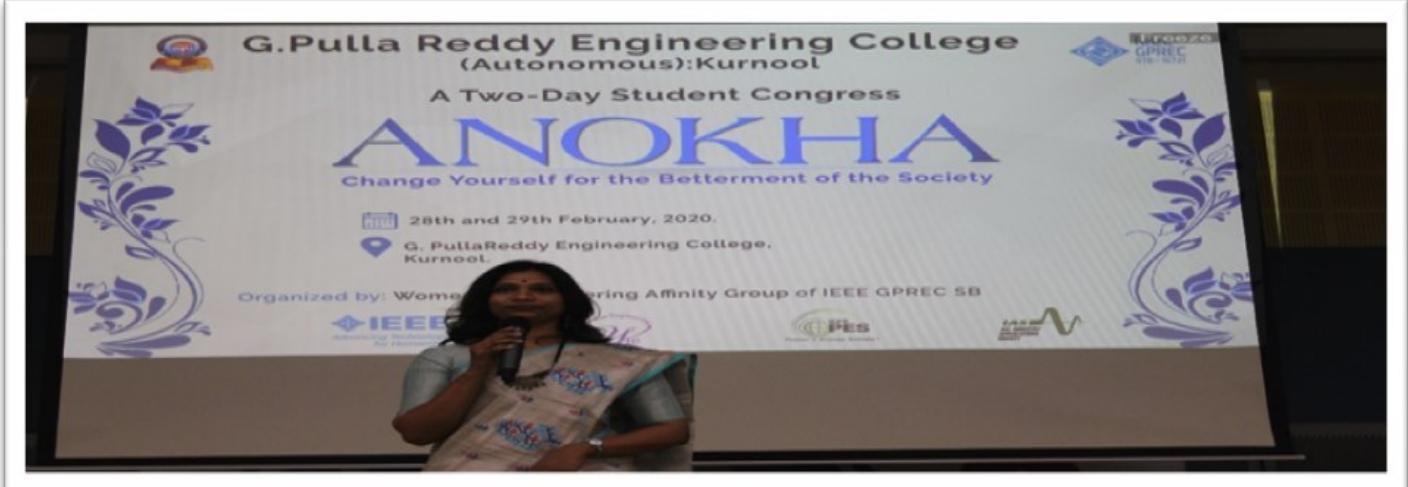
**About GPREC IEEE STUDENT BRANCH :**

IEEE GPREC SB Was formed on 15<sup>th</sup> May 2014 with SB code STB15721 and school code 2529731. Within a short duration after the formation of student branch, it received Emerging Student Branch Award under Hyderabad Section during IEEE Student Section Congress held on 23rd & 24th August 2014, for its activeness in organizing various events, GPREC IEEE PES students chapter stood at 14th Position across the world during the HPSBC Results 2016 which is a remarkable achievement for GPREC IEEE PES students' chapter. At present GPREC IEEE SB has nine societies and GPREC is the only College in both AP and Telangana to have 9 societies in there College.

**About IEEE RAS GPREC Student Branch :**

IEEE RAS GPREC Student Branch was launched on 11<sup>th</sup> March 2019 in GPREC College. IEEE RAS was formed on 13 December 1983 and the headquarters is located in San Francisco, California, United States. The IEEE Robotics and Automation Society currently has over 15,000 members, originating from 120 different countries all over the world and more than 220 Local and Regional Chapters of the IEEE Robotics and Automation Society are active around the world.

The work shop begin with a **Welcome Speech** by **N.K.Farhath Muskaan**, Student Chair, IEEE RAS GPREC Student Branch of third Mechanical, by welcoming the dignitaries on the and off the dais and shared few significance of IEEE, IEEE RAS GPREC Student Branch, theme and purpose of the work shop and **R. V. Swathi**, IEEE RAS SB member introduced about the speaker **Sri Lanka Sadanand**, CEO of viva tech, Hyderabad, Telangana to the spectators by offering him a plant by IEEE RAS GPREC SB.









## G. Pulla Reddy Engineering College (Autonomous): Kurnool



### *Course offered*

#### **UG Programmes:**

- |                                     |       |
|-------------------------------------|-------|
| 1. Civil Engg                       | : 120 |
| 2. Computer Science Engg            | : 180 |
| 3. Electronics & Communication Engg | : 180 |
| 4. Electrical & Electronics Engg    | : 120 |
| 5. Mechanical Engg                  | : 180 |

### *Course offered*

#### **PG Programmes:**

- |                                   |      |
|-----------------------------------|------|
| 1. Structural Engg)(Civil Engg )  | : 18 |
| 2. CSE (Computer Science Engg)    | : 18 |
| 3. VLSI & Embedded Systems (ECE): | 18   |

**Dr .T. Bramhananda Reddy**  
**Professor & Head**  
**Department of Electrical & Electronics**  
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#### **Editorial Team:**

*Chief Editor* : Head of the Department

*Editor* : C. Harinatha Reddy Associate Prof

#### **Faculty Members:**

*A. Pradeep Kumar Yadav* Asst Prof

#### **Student Members:**

*Mr .Y. Dharani Sreenivas (IV EEE)*

*Ms K .Sireesha (III EEE)*