



**Anil Neerukonda Institute of Technology and Sciences**  
(UGC Autonomous)  
(Permanently affiliated to Andhra University Approved by AICTE, accredited  
by NBA and NAAC 'A' Grade)  
Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam Dist, A.P.

**Department of Electrical and Electronics Engineering**  
**Annual News Letter 2019-2020**

*Chief Patron:*

*Dr.N.B.R.Prasad,*

*Chairman, ANES*

*Patron:*

*Prof. T.V.Hanumantha Rao*

*Principal, ANITS*

*Hod:*

*Prof.G.Raja Rao*

*Editorial Board:*

*Editor-in-Chief*

*K.V.R.Swathi*

*Assistant Professor*

*Sub Editor:*

*D.SriLakshmi*

*Assistant Professor,*

*Student members:*

*K.N.Naveen*

*Mohammed Inayath*



*The Department of EEE, Anil Neerukonda Institute of Technology and Sciences (Autonomous), Visakhapatnam was established in 2001 with the approval of the All India Council for Technology Education (AICTE), New Delhi and the Government of Andhra Pradesh and is affiliated to Andhra University (AU) with an intake of 180 students. It has 38 qualified teachers (Meeting the norms of AICTE) headed by Dr.G.Raja Rao with 33 years of experience in teaching.*

#### **VISION OF DEPARTMENT**

*The EEE Department at ANITS envisages attaining a position of national excellence for graduating students that have experienced implementing theory into practice and are capable of succeeding in higher learning up keeping ethical values.*

#### **MISSION OF DEPARTMENT**

*To promote learning and research in the field of Electrical & Electronics Engineering and to advance and disseminate technical and professional knowledge in shaping young engineers into future human resource appropriate to the needs of our nation.*

**News Letter 2019-2020**

## PROGRAM OUTCOMES

|    |  |
|----|--|
| 1  | <b>Engineering knowledge:</b> Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.  |
| 2  | <b>Problem analysis:</b> Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.   |
| 3  | <b>Design/development of solutions:</b> Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.         |
| 4  | <b>Conduct investigations of complex problems:</b> Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.  |
| 5  | <b>Modern tool usage:</b> Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.   |
| 6  | <b>The engineer and society:</b> Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.   |
| 7  | <b>Environment and sustainability:</b> Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.   |
| 8  | <b>Ethics:</b> Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.  |
| 9  | <b>Individual and team work:</b> Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.   |
| 10 | <b>Communication:</b> Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. |
| 11 | <b>Project management and finance:</b> Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.   |
| 12 | <b>Life-long learning:</b> Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.   |

## PROGRAM EDUCATIONAL OUTCOMES (PEOs)

|   |  |
|---|--|
| 1 | To prepare students with a strong foundation in basic sciences, mathematics and electrical engineering for productive engineering careers and enable them to pursue higher studies.                                |
| 2 | To equip the students with good analytical and design capabilities to solve present day electrical engineering problems and to realize the necessity of life-long learning to excel in their professional careers. |
| 3 | To produce the students with strong communication skills and to foster the ability to work in multidisciplinary teams with a sense of environmental awareness, professional and ethical values.                    |

## PROGRAM SPECIFIC OUTCOMES

|   |   |
|---|---|
| 1 | Design modern power systems components to meet their identical needs within economical and environmental constraints                                  |
| 2 | Design, simulation, fabrication and testing of power switching devices, electrical drives and their control for industrial and research applications. |

## DEPARTMENT OF EEE

### TESTIMONIAL

### LIST OF FACULTY

|    |  |    |   |
|----|--|----|---|
| 1  | Dr. G. Raja Rao Professor & HOD            | 20 | Mr. N. Kiran Assistant Professor          |
| 2  | Mr. V. Murali Associate Professor          | 21 | Mr. J. Uday Venkatesh Assistant Professor |
| 3  | Mr. S. Bala Murali Associate Professor     | 22 | Mr. Narayana Divakar R V L Assistant Prof |
| 4  | Dr. J. Vijay Kumar Associate Professor     | 23 | Mrs. T.V. Subhashini Assistant Professor  |
| 5  | Mrs. K.V.R. Swathi Assistant Professor     | 24 | Mr. E. Appanna Assistant Professor        |
| 6  | Mr. Kavala Kiran Kumar Assistant Professor | 25 | Mr. G. Yedukondalu Assistant Professor    |
| 7  | Mr. B. Raja Sekhar Assistant Professor     | 26 | Mr. T. Subrahmanyam Assistant Professor   |
| 8  | Mr. R. Satish Assistant Professor          | 27 | Mr. B. Tulasi Rao Assistant Professor     |
| 9  | Ms. K. Lavanya Assistant Professor         | 28 | Mr. S.J.V. Prakash Assistant Professor    |
| 10 | Mr. Ch.V. N. Raja Assistant Professor      | 29 | Mr. K. Naresh Kumar Assistant Professor   |
| 11 | Mr. M. Sudheer Kumar Assistant Professor   | 30 | Mr. M. Divakar Assistant Professor        |
| 12 | Mr. K. Trinadh Babu Assistant Professor    | 31 | Mr. B. Satyanarayana Assistant Professor  |
| 13 | Mr. L. Dinesh Assistant Professor          | 32 | Mr. Nishant Patnaik Assistant Professor   |
| 14 | Mr. S. Harish Assistant Professor          | 33 | Mr.T.Narshimulu Assistant Professor       |
| 15 | Mr. A. Dhanamjaya Apparao Asst Prof        | 34 | Mr.S.Vijay Baskhar Somu Assoc Professor   |
| 16 | Mr. L. Vijay Assistant Professor           | 35 | Mr. M.Dhanujaya Assistant Professor       |
| 17 | Mrs. D. Sri Lakshmi Assistant Professor    | 36 | Mr.Dr.D.Rajesh Assistant Professor        |
| 18 | Ms. V. Rangavalli Assistant Professor      |    |   |
| 19 | Mr. V. Anil Kumar Assistant Professor      |    |   |

### FACILITIES IN THE DEPARTMENT

|                            |  |
|----------------------------|--|
| <b>No. of class rooms</b>  | 12   |
| <b>No. of labs</b>         | Electical MachinesLab (both DC and AC) 3<br>Power Electronic Lab 1<br>DEMP Lab 1<br>Network and Measurements Lab 1<br>Network Lab 1<br>Electrical Measurements Lab 1<br>Control System Lab 1 |
| <b>No. of Software lab</b> | 1 Simulation Lab   |

## **ORIENTATION PROGRAM ORGANIZED FOR FRESHERS**



Orientation Program for First year students for the admitted batch 2019-20 was organized by the Department of EEE on 21<sup>th</sup> September 2019. HOD,EEE introduced the faculty and various facilities provided by the college to the students in their four years of engineering life. First year students were performed various activities like dancing and singing. Second Year students interacted with freshers and they gave an insight of career opportunities and student life at ANITS campus.



## **BOARD OF STUDIES MEETING**

Owing to the COVID-19 lock down, the BOS meeting is conducted online. The Chairperson Dr.G. Raja Rao Prof & HOD of EEE welcomed all the BOS members and thanked the members for the support they have rendered.

The board has approved and ratified the online mode of internal/ sessional examinations conducted by the department/Institute in view of the lock down. The Committee has mainly discussed on the scheme and syllabi of 2nd year 1st semester and 2nd semester courses to be taught by EEE faculty under R19 regulations. As resolved in last BOS meeting, introduction to BLDC motors is included in the PDMT course. Mr. B. Srinivas Reddy suggested to include transducers topic in Electrical Measurements course. Prof. Debapriya Das & Mr. B. Srinivas Reddy have suggested to include units of illumination and measurement of illumination in EPGU course. The external members suggested to conduct objective type online examinations for the present final years so that the eligible students can get their degrees early as it got delayed already.



## IQAC AUDIT IN EEE DEPT:

An internal audit is conducted in the department of EEE on February 2019. Prof. T.V.Hanumatha Rao , Dr.J.Vikranth acted as an external members and the main agenda is to verify the department committee files and course files of the faculty handling different subjects and how the CO attainment level is achieved.



## STUDENT SYMPOSIUM

The Department of Electrical & Electronics Engineering, Anil Neerukonda Institute of Technology and Sciences (ANITS) has organized the 12<sup>th</sup> National Level Student Technical Symposium “ARC-19” during 12<sup>th</sup> & 13<sup>th</sup> March 2020. **Mr. K.V.RAO**, GM (Projects) RINL is the chief guest for the Inaugural function on 12<sup>th</sup> March 2020. In his keynote he stressed on Role of future engineers in industries. **Dr.N.B.R.Prasad Chairman ANES, Prof.T.V.Hanumatha Rao, Principal, ANITS and Dr. G. Raja Rao**, Professor & HOD of EEE, also spoke on the occasion giving details of the symposium. The students of final and third year students presented a model of hydal power station and E-Cycle.



## TECHNICAL EVENTS UNDER ARC 2K19

### ✚ Ensemble



The Department of EEE conducted a technical event “ENSEMBLE” which was a perfect

platform for the geeks to exercise their brains; a 2 hour contest was conducted for critical thinkers. Above 60 students have participated and were given model and will be hidden and the students should design the model the best would be awarded a prize amount of 2000/- The contest was executed for 2 days.

### **Paper Presentation**

A Platform was provided to the participants to showcase the presentation skills and technical knowledge. A huge response was received by the students. Around 60 abstracts were thoroughly reviewed by the expert's team and they selected 25 abstracts for presenting on the day of the event which was conducted on 12<sup>th</sup> and 13<sup>th</sup> March 2020. The winners were awarded with cash prize amount of Rs.2000/-.

### **Technical Quiz**

An Technical Quiz is conducted on 13<sup>th</sup> March 2020 to enhance the technical knowledge of the students. A huge enthusiasm shown by the students to exhibit their technical skills in which 150 students participated and winners were appreciated with awards.



## **NON TECHNICAL EVENTS**

Various non technical events were also conducted such as games(cricket, counter strike etc),spot events, summit(a debate on spot given topic) to encourage the students in their interested fields. The stalls were being exhibited by the students to showcase their talents in making crafts, cooking, business models etc.

### **Cultural Event and Valedictory**

The cultural event was conducted on 13<sup>th</sup> March 2020 to showcase the student performance like singing, solo dance, group dance, rock band etc.

The valedictory of ARC 2K19, was graced by, Prof.T.V.Hanumantha Rao Principal, Prof. G. Raja Rao HOD,EEE shared the dais. The enthusiasm of the students in participating took the energy of the department up to a new level. The effort put in by the faculties, students and with the support of college management has thus transformed into a successful event.



## ONE WEEK STTP PROGRAMME SPONSERED BY AICTE



The one week (26<sup>th</sup> to 31<sup>st</sup> August, 2019) Short Term Training Programme titled “**RESTRUCTURED POWER SYSTEM MODELLING & SIMULATION**” organized by the Department of Electrical and Electronics Engineering, ANITS under the sponsorship of AICTE has concluded successfully. The chief guest for the function was Dr. D.M. Vinod Kumar, Professor NIT Warangal, Dr N.B.R Prasad, chairman ANES; Prof. T. V. Hanumantha Rao, Principal, Prof. G. Raja Rao, HOD and Dr. J. Vijaya Kumar, Co-ordinator for the programme, presided over the function.

The overall 40 participants from different colleges were satisfied with the 16 technical sessions spread over six days and the arrangements for the programme. The participants were presented with the certificates by the chief guest. The coordinator of the programme thanked all the participants, Principal and the management for their unstinted support. He said that the participants can choose their topic for doctoral research from Restructured Power System and seek the help of resource persons.



**Smt. J. Vani Sri DGM (Electrical)/ Design & Engg. RINL Visakhapatnam**



**Dr. P. Chandra Sekhar, Assistant Professor, IIT Bhubaneswar**





**“Modern Practices in Grid Operation”  
Mr. A. Ramesh, DE SLDC Hyderabad**



**“Voltage Stability”, Dr. Ch. V. V. Bhaskar Reddy, Professor, AU, Visakhapatnam.**



**Dr. Debapriya Das, Professor, IIT Khargpur**



**Mr. T. Srimannarayana Executive Engineer, AP TRANSCO Vijayawada.**

Other eminent speakers in the technical sessions were Dr. K. Vaisakh, Professor, AU Visakhapatnam, Mr. M. Dhanunjaya Rao Senior Manager (O&M) GAIL-K.G Basin, Rajahmundry. Exam was conducted to all the participants after the workshop.





## FACULTY ACHIEVEMENTS:



**Dr. J.Vijay Kumar** has been promoted as a Professor from Assoc Prof on 23-10-2019 in EEE Department ANITS . He is a REVIEWER of International Journal of numerical modelling: electronic networks, devices and fields. AND Journal of Engineering Science and Technology.



**Ph.D Awardee** : Mr. V. Murali has been awarded his doctorate on 24-07-2020 in electrical engineering on “PRICE BASED FUZZY AUTOMATIC GENERATION CONTROL FOR INDIAN POWER SYSTEM UNDER AVAILABILITY BASED TARIFF MECHANISM”



**Ph.D Awardee** : Mr. Ch.V.N.Raja has been awarded his doctorate on 23-07-2020 in electrical engineering on “DESIGN AND CONTROL OF HIGH SPEED LINEAR INDUCTION MOTOR FOR MAGLEV SYSTEMS”

## FACULTY PUBLICATIONS

✚ T. Penthia, A. K. Panda, N. Patnaik, and P. R. Mohanty, “Performance of SMES system with non-linear dynamic evolution control approach for pulsed power load compensation”, *IET Generation, Transmission & Distribution*, 2020, ISSN: 1751-8687.

✚ Vijaya Kumar, “Investigation of a 7-Level Inverter-Based Electric Spring Subjected to Distribution Network Dynamics”, *International Journal of Advanced Computer Science and Applications*, 2020, ISSN: 2156-5570.

✚ T. Narasimhulu, “An Approach for Order Reeducation of Large-Scale Uncertain Systems Adopting Affine

- Arithmetic”, *Journal of Information Technology (IJT-Springer)*, 2020, ISSN:0268-3962.
- ✚ T. Narasimhulu, “New Aspects in Order Reduction of Large-scale Uncertain MIMO Systems Using Modified Routh Approximation and Affine Arithmetic”, *Journal of Advanced Research in Signal Processing & Applications International (SCI)*, 2020, ISSN:0268-3962.
  - ✚ T. Narasimhulu, “Model Order Reduction of Discrete Un-Certain System Using Modified  $\delta$ - $\gamma$  Routh Approximation and Affine Arithmetic Method”, *Journal of Advanced Research in Electrical Engineering and Technology, International (SCI)*, 2020, ISSN:0268-3962.
  - ✚ K.V.R. Swathi, “Performance of Various SiC Devices and their Behavior in DC/DC Converter”, *International Journal of Innovative Technology and Exploring Engineering*, 2019, ISSN:2278-3075.
  - ✚ T. Narasimhulu, and G. Raja Rao, “An Optimized Reduced Order Model for large scale Discrete-Time system”, *International Journal on Electrical Engineering and Informatics, International (Scopus)*, 2019, ISSN:2085-6830.
  - ✚ K. Lavanya, and T.V. Subhashini, “Unique Design and Fabrication of Automotive Special type of Synchronous motor”, *International Journal of Management, Technology And Engineering*, 2019, ISSN:2249-7455.
  - ✚ S. Harish, and M. Sudheer Kumar, “Fuzzy Logic Controlling of a Single Phase Seven-Level Grid-Connected Inverter for Photovoltaic system”, *International Journal of Management, Technology And Engineering*, 2019, ISSN:2249-7455.
  - ✚ L. Dinesh, L. Vijay, and J. Uadyvenkatesh, “Analysis of Radial Distribution Systems with FACTS Devices Using a Fast Line Flow-Based Algorithm”, *International Institute for Science, Technology and Education*, 2109, ISSN:2225-0603.
  - ✚ J. Viay Kumar, “Adaptive PI control of Electric Springs For Voltage Regulation Under Dynamic Load Changes”, *International Journal of Innovative Technology and Exploring Engineering*, 2109, ISSN:2278-3075.
  - ✚ T.V. Subhashini, “Project Stratagems for a Nonlinear Vector Controller Fed BLDC Motor”, *International Journal of Engineering and Advanced Technology*, 2019, ISSN:2249 – 8958.
  - ✚ J. Viay Kumar, A diagnostic approach for calculation of threshold points of a PR controller for single-phase grid connected PV system”, *International Journal of Control and Automation*, 2019, ISSN:2005-4297.
  - ✚ J. Viay Kumar, “Time-Domain Simulations of Single-Phase Enhanced PLL for Power Converters under Distorted Grid Conditions”, *International Journal of Recent Technology and Engineering, International*, 2019, ISSN:2277-3878.
  - ✚ J. Viay Kumar, “Comparative Study of Frequency Control Method of MGP System using Conventional PI and Fuzzy Logic Controller”, *International Journal for Research in Applied Science & Engineering Technology*, 2019, ISSN:2321-9653.
  - ✚ S. Balamurali, “Speed characteristics of two-fold sliding mode control of BLDC motor”, *International Journal of Recent Technology and Engineering*, 2019, ISSN:2277-3878.
  - ✚ J. Viay Kumar, “Enhancement of Voltage Regulation using a Multi-Level Inverter Based Electric Spring with

Reduced Number of switches”, *International Journal of Power Electronics and Drive Systems*, ISSN:2019.

- ✚ S. Balamurali, “Speed Control And Minimization Of Torque Ripples In BLDC Motor Using PI, SMC and SMC-PWM Techniques”, *International Research Journal of Engineering and Technology*, 2019, ISSN:2395-0056.
- ✚ B. Rajasekhar, “Modelling and Control of variable Frequency Drive using PLC and MATLAB Approach”, *International Research Journal of Engineering and Technology*, 2019,ISSN:2395-0072.
- ✚ T. Narasimhulu, andG. Raja Rao, “A New Approach in Designing Sliding Mode Controller for MIMO System”, *International Journal of Electrical and Computer Engineering*, 2019, ISSN:2088-8708.
- ✚ T. Narasimhulu, andG. Raja Rao, “A New Optimised Way of Designing a Sliding Mode Controller”, *International Journal of Engineering Research and Applications*, 2019, ISSN: 2248-9622.
- ✚ Ch.V.N. Raja, “Motion Control Analysis of Quadcopter with PID Controller”, *International Journal for Research in Applied Science and Engineering Technology*, 2019, ISSN: 2321-9653.
- ✚ G Raja Rao, “Comparative Analysis of LQG and LQGI Controllers for Twin Rotor MIMO System”, *International Journal for Research in Applied Science & Engineering Technology*, 2019, ISSN: 2321-9653.
- ✚ Narayana Divakar R V L., andE. Appanna, “The new control method to improve power quality of power system for nonlinear loads”, *Journal of Emerging technologies and innovation research*, 2019, ISSN: 2349-5162.
- ✚ B. Satyanarayana, andE. Appanna, “Forecasting of power system conditions for different line outages by using

contingency analysis”,*Journal of Emerging technologies and innovation research*, 2019, ISSN: 2349-5162.

- ✚ R.Satish, “ Impacts of renewable energy generation on smart power distribution networks”in *International Journal of recent technology and Engineering* Vol:8; Issue:6, March 2020,ISSN:2277-3878.
- ✚ R.Satish, “Power flow analysis of three phase unbalanced radial distribution networks with multiple DG’s” in *International Journal of science and Engineering development research*, Vol:4; Issue:7, July 2019,ISSN:2455-2631.
- ✚ K.Lavanya ,“Design and analysis of closed loop control of multilevel SVPWM Inverter fed PMSM Drive” in *International Journal of Engineering and Advanced technology*, Vol:8; Issue:6S2, August 2019,ISSN:2249-8958.

### **LIST OF CONFERENCES’**

- ✚ N. Patnaik, “Fuel Cell Based Sapf System with Dual Mode Operation”, in *prco., 5<sup>th</sup> International Conference on Devices, Circuits and Systems (ICDCS)*, 2020, ISSN:2644-1802.
- ✚ N. Patnaik, “Comparative Performance Analysis of DTC fed Three-Phase and Five-Phase Induction Motor”, in *prco.5<sup>th</sup>International Conference on Devices, Circuits and Systems (ICDCS)*, 2020, ISSN:2644-1802.
- ✚ T.Narasimhulu, and G Raja Rao, P.Mallikarjuna, “Comparative Analysis of Control Design for Uncertain MIMO Systems”, in *prco., 5<sup>th</sup> International Conference on Devices, Circuits and Systems (ICDCS)*, 2020, ISSN:2644-1802.



## **WORKSHOPS ATTENDED BY FACULTY**

- ✚ Mr.K.Trinadh Babu,Mr.V.Anil Kumar, ,Mr.M.Sudheer Kumar, Mr.N.Kiran ,Mr.S.Harish, Mr.Kavala Kiran Kumar, Mrs.V.Rangavalli, Mr. A. Dhanamjaya Apparao and Mrs K.Lavanya has participated in one week STTP on Restructured Power System Modelling and Simulation conducted in ANITS during 26<sup>th</sup> to 31<sup>st</sup> August 2019.
- ✚ Mr. Nishant Patnaik has participated in one week STTP on “Recent trends in Power systems and High voltage Engineering” at NIT RAIPUR during 31<sup>st</sup> Oct-04<sup>th</sup> Nov 2019
- ✚ Mr. N.Kiran Asst. Professors has participated in Engineering Challenges for making Digital India: Internet of Things & Applications, ANITS during 11-06-2019 to 24-06-2019
- ✚ Mr..L.Dinesh, Mrs.T.V.Subashini, Mr.S.J.V.Prakash Asst Prof. has participated in FDP on 'LabVIEW in Engineering & Academic Research” at AITAM Tekali during January 27 to February 1 ,2020

## **ONLINE COURSES DONE BY FACULTY:**

- ✚ Dr. Nishant Patnaik Assoc Prof completed NPTEL online course on “Power Electronics” during July-October 2019.
- ✚ Dr. Nishant Patnaik Assoc Prof completed NPTEL online course on “Soft Skills” during July-October 2019.
- ✚ Dr. Nishant Patnaik Assoc Prof completed NPTEL online course on “Electric Vehicles Part -1” during Jan-April 2020.
- ✚ Dr J.Vijay Kumar Professor completed NPTEL online course on “Accreditation

and Outcome based Learning” during August 2019 to Oct 2019.

- ✚ Mr S.Harish Asst Professor completed NPTEL online course on “Accreditation and Outcome based Learning” during August 2019 to Oct 2019.
- ✚ Mr.N.Kiran Asst Professor completed NPTEL online course on “Accreditation and Outcome based Learning” during August 2019 to Oct 2019.
- ✚ Mr.R.V.L.N.Divakar Asst Professor completed NPTEL online course on “Accreditation and Outcome based Learning” during August 2019 to Oct 2019.
- ✚ Mr.B.Satnarayana Asst Professor completed NPTEL online course on “Accreditation and Outcome based Learning” during August 2019 to Oct 2019.

## **POWER SUBSTATION VIST BY STUDENTS OF III/IV**

Students of 3/4 B.E EEE have visited 132/33 K.V substation at Gajuwaka on 2<sup>nd</sup> March 2019. Mr. A. Danuanjaya, Asst. professor has accompanied the students. Around 65 students have visited this substation





The NSS club of EEE dept have organized a Rally on "Save water for life and importance of purified water" at tagarpuvalsa for awareness in people

## CLUB ACTIVITES

The NSS club and the final year outgoing students of EEE dept have organized a teachers day programme in EEE dept.



The AEEEEA association of EEE dept have organized a plantation programme in Anits



Cultural club members of EEE had given a



performance in ANITS on the occasion of student technical fest ARC 2K20.

### SCHOLARSHIP FOR STUDENTS :

The faculty of department of EEE Anits initiated EEE department Scholarship on the Teachers Day . There awarded scholarships to two of the outgoing batch students who are academically strong and need financial assistance and were given 20,000 each . Ms. P.Sri Lakshmi 4/4 EEE and Mr. C.Ajay Dileep 4 /4EEE has availed this opportunity Mr. T.V.Hanumantharao Principal Anits, Mr. Mr.G.Raja Rao Prof HOD of EEE graced the dais.



### STUDENTS WORKSHOP AND PROJECT E-CYCLE UNDER MOU

- ✚ Mr. PANANGAPALLI SAI VAMSI of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.
- ✚ Mr. P. M. R. KISHORE REDDY of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.
- ✚ Mr. MOHAMMED INAYATH of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.
- ✚ Mr. KAMBHAMPATI KRISHNA RAO of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.
- ✚ Mrs. K. V. R. SWATHI of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.
- ✚ Mr. INTURI SARATH CHANDRA of Anil Neerukonda Institute of Technology



& Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.

✚ Mr. GEDDADA S V NIKHILESHWAR of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.

✚ Mr. CHINTALA GOKUL ALOK VARDHAN SANJAY of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.

✚ Mr. BONI V N AASHISH of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.

✚ Mr. B. RAHUL GANESH of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.

✚ Mr. KANCHARANA RAGHU of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to

18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.

✚ Ms. PATOJU KRISHNA TANUJA of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.

✚ Mr. CHINTA NAGESWARA RAO of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.

✚ Mr. PRAKKI RAM MIHIR of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.

✚ Ms. GORLE PUJITHA of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.

✚ Ms. GODAVARTHI RANGA SUSHMA of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.

✚ Mr. SRINIVAS BHEEMISETTY of Anil Neerukonda Institute of Technology & Sciences for attending the workshop &

completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.

- ✚ Ms. AKULA J N SANTOSHA LAKSHMI of Anil Neerukonda Institute of Technology & Sciences for attending the workshop & completing the project E-Cycle Prototype Development under the supervision of Dr. Dogga Raveendhra from 06<sup>th</sup> Jan 2020 to 18<sup>th</sup> Jan 2020, at Zunik Energies Pvt. Ltd., 12-TIDES, IIT. Roorkee.



## **STUDENTS PARTICIPATION and SPORT ACTIVITY**

- ✚ Mr B Bharava of (3/4)EEE has participated in master ORATOR championship in held in ANITS during august 08,2019.
- ✚ Mr B Bharava of EEE has participated in master ORATOR championship in held in JGI school during 25 aug,2019
- ✚ Mr R.Sai pavan of EEE has participated in master ORATOR championship in held in ANITS during 3 aug,2019
- ✚ Mr S.Sri harsha of EEE has participated in “Cyber security (Vulnerability assessment and Penetration Testing of web Applications)” in held in during 13<sup>th</sup> may to 1<sup>st</sup> june, 2019.
- ✚ Ms. P.Gayathri of EEE has participated in “Real Time Embedded Systems with Robotics” in held in ANITS during 15<sup>th</sup> may to 30<sup>th</sup> june 2019.
- ✚ Mr.A.Nayana subha jyothi of EEE has participated in Master Orator championship in held in ANITS during 03-08-2019.
- ✚ Mr.P.Dinesh babu of EEE has participated in Master Orator championship in held in ANITS during 03-08-2019.
- ✚ Mr.B.Naga sai prakash of EEE has participated in Master Orator championship in held in ANITS during 03-08-2019.
- ✚ Ms. P.Priyanka reddy of EEE has participated in elecution in held in ANITS during 2019-2020.
- ✚ Ms. M.Bhargavi of EEE has participated in internship training at Visakhapatnam steel plant in Electrical Repair shop held in ANITS during 29-4-2019 to 18-5-2019.
- ✚ Mr. P.Gautam Kumar of EEE has participated in internship training at Visakhapatnam steel plant in Distribution Networking held in ANITS during 06-05-2019 to 18-5-2019.
- ✚ Mr. K.Sharabha Reddy of EEE has participated in vacation training programme at TATA STEEL LTD., Jamshedpur, held in ANITS during 14-05-2019 to 11-6-2019
- ✚ Mr.B.Naga Sai Prakash of EEE has participated in internship training 220/132/33 KV Dairy Farm Substation,Visakhapatnam, held in ANITS during 29-05-2019 to 11-6-2019
- ✚ Ms.P.Gayathri of EEE has completing the internship “REAL TIME EMBEDDED SYSTEMS WITH ROBOTICS” held in ANITS during 15-05-2019 to 30-6-2019
- ✚ Mr. Sri Harsha Saragadam of EEE has completing the internship programme on “Cyber Security (Vulnerability Assessment and Penetration Testing of Web Applications)” held in ANITS from 13<sup>th</sup> may to 1<sup>st</sup> june, 2019.

- ✚ Ms. T.Spandana of EEE has participated in ALL INDIA OPEN RAPID RATING CHES TURNAMENT-2019 held at Vaishnavi College of Engineering, Singupuram, Srikakulam, from 7<sup>th</sup> to 8<sup>th</sup> December 2019.
- ✚ Ms. T.Spandana of EEE has participated in CHESS in the Inter – Collegiate Games and Sports Competitions, held at Samata College during 23-09-2020.
- ✚ Ms. Ch.Kusuma of EEE has participated in THROW BALL runner up in the academic year 2019-2020.
- ✚ Ms. T.Spandana of EEE has participated in CHESS(W) winner in the academic year 2019-2020.

- ✚ Ms. P.Meghana of EEE has participated in THROW BALL runner up in the academic year 2019-2020.
- ✚ Ms. S.Priyanka of EEE has participated in THROW BALL runner up in the academic year 2019-2020.
- ✚ Ms. S.Pravallika of EEE has participated in THROW BALL runner up in the academic year 2019-2020.
- ✚ Ms. Prasuna Pyla of EEE has participated in THROW BALL runner up in the academic year 2019-2020..

### **STUDENT ASSOCIATIONS:**

#### **INSTITUTE OF ENGINEERS(IEI):**



#### **ANITS ELECTRICAL AND ELECTRONICS ENGINEERING(AEEEA):**



#### **INDIAN SOCIETY OF TECHNICAL EDUCATION(ISTE):**





## GUEST LECTURES IN DEPARTMENT



A guest lecture is delivered by Mr. T.Gangadhar , General Manager, Pivotel Soft Ltd. on Basic ofMachine Learning on 9<sup>th</sup> March 2020.He gave a brief description about the latest form of AI that enables the system to learn from data. He explained about algorithms which are widely used in variety of applications .Around 200 students of EEE participated.

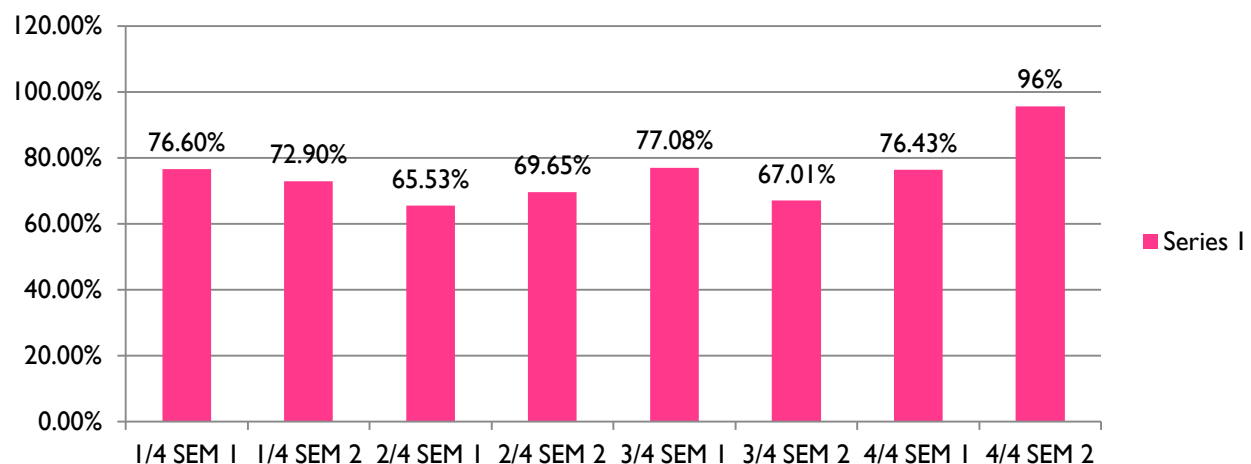
## ONE DAY WORKSHOP IN DEPARTMENT



A The Department of EEE has conducted a one day workshop is delivered. on Professional Ethics by Mr. A.Murali, Assistant General Manager, Training Department, RINL, Visakhapatnam on 14<sup>th</sup> Dec 2019.He gave a brief description about the principles that govern the behavior of a person or a group in a teaching environment. Likewise the rules that a person should act towards other people in a working environment. The faculty of EEE has participated in this workshop. Prof.G.Raja Rao HOD of EEE at the end of his session felicitated him for his valuable speech and experience which is helpful for the faculty to improve their teaching skills.

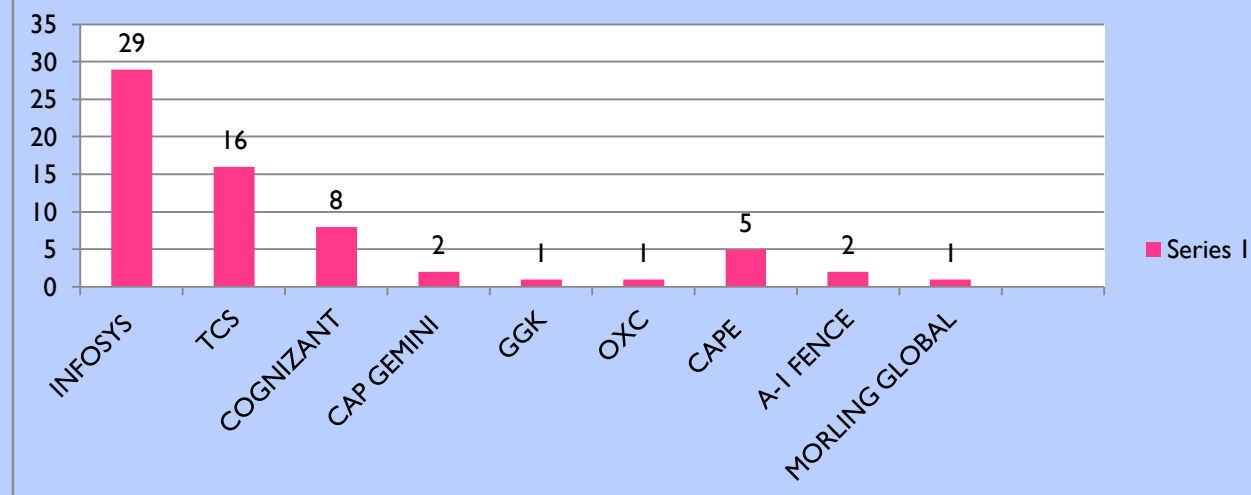
## RESULT ANALYSIS OF 2015-19

### RESULT ANALYSIS OF BATCH 2016-2020

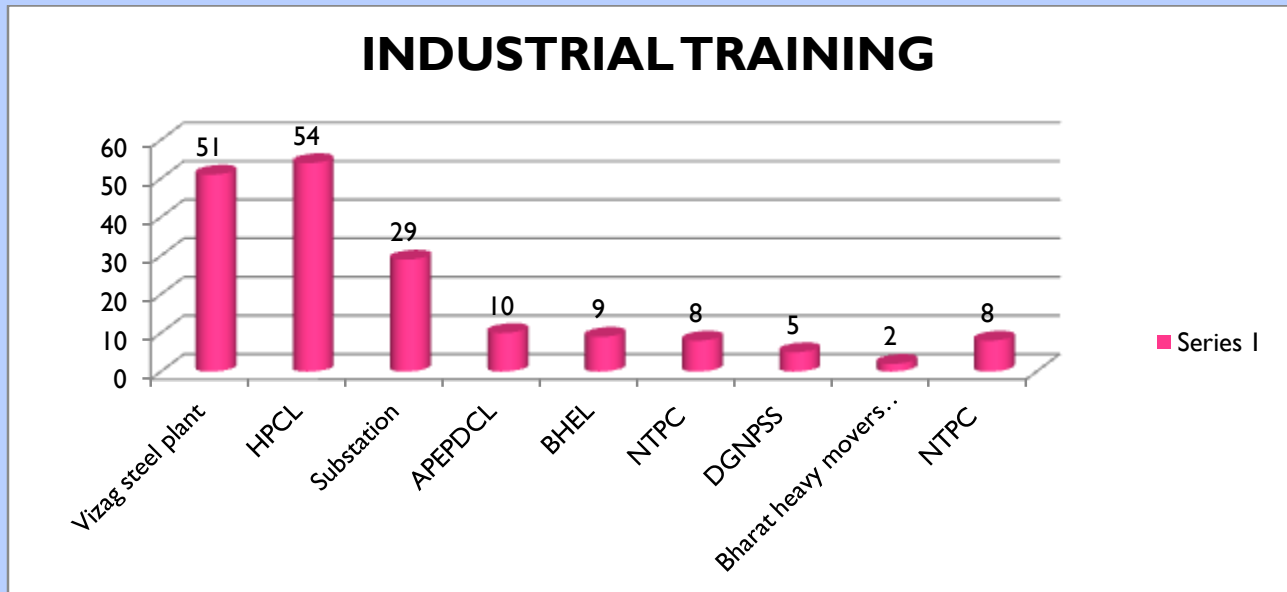


## CAMPUS PLACEMENTS 2020 OUTGOING BATCH :

### CAMPUS PLACEMENTS 2020 OUTGOING BATCH



## INDUSTRIAL TRAINING ATTENDED BY III/IV STUDENTS :



## FACULTY OF EEE





## **OUTGOING BATCH 2015-19:**

### **EEE-A**



### **EEE-B**



### **EEE-C**

