

## **Staff Achievements**

**A.Y: 2019-20**

### **RECOGNITIONS**

- Dr.M.VenuGopalaRao nominated as a member of the DAB (EEE) by RVRJC College for two academic years for 2019-20, 2020-21
- Dr.M.VenuGopalaRao attended as a member of Doctoral Committee for Comprehensive Viva Voce at VIT University on 11-01-2020
- Dr.M.VenuGopalaRao attended as a member of Doctoral Committee at Vignana University on 28<sup>th</sup> Feb 2020.
- Dr.M.V.Ramesh recognized as senior member of IEEE Sept 2019.

### **RESOURCE PERSONS**

- Dr.M.V.Ramesh acted as resource person for AICTE sponsored six day workshop on “Trends and Innovation in Electrical Engg.,” organized by St. Ann’s college of Engg& Technology, Chirala on 19<sup>th</sup> September 2019 .
- Dr. P.Muthu Kumar acted as resource person for topic of “PWM implementation of P converters in MAT LAB / FPGA” at Faculty Development Programme on “Recent Trends on Power Electronics and Control” conducted by department of Electrical and Electronics Engineering, Narsimha Reddy Engineering college, Maisammaguda, Hyderabad on 21.5.2020 to 25.5.2020.

### **Guest Lectures delivered outside**

- ❖ Dr. A. Anbarason, Associate Professor delivered a talk on Indian Energy Scenario and Importance of Renewable Energy Resources at KS RANGASWAMY COLLEGE OF TECHNOLOGY, TIRUCHENGODE on 15-7-2019.
- ❖ Dr. M.V.Ramesh delivered a lecture on “Brushless DC Motors for electrical vehicles” at Sri Prakash College of Engineering, Rajupeta on 31<sup>st</sup> August 2019.
- ❖ Mrs. V. SaiGeetha Lakshmi delivered a lecture on “ Digital control systems” at Sri Prakash College of Engineering, Rajupeta on 5<sup>th</sup>& 6<sup>th</sup> March 2020.

### **Awards**

- ❖ Mrs. V.SaiGeetha Lakshmi & Mrs. M.Devika rani presented a paper in the International Conference on Advances in Renewable Energy technologies organized by Dept. of Mechanical Engineering held at VRSEC during 23<sup>rd</sup> -24<sup>th</sup> October 2019. This paper was selected as the best paper titled: Improved version of controlling Solar system with battery for AC load using PSCAD/EMTDC.
- ❖ Dr.P.Muthukumar Associate Professor received best researcher award for the year 2019 on 29-12-2019 given by Saint Martin's Centre For Research and Accreditation Commission.
- ❖ Dr.P.MUTHU KUMAR, G.Gnanavel, K.Eswaramoorthy, “**Digital System Design Using VHDL**”, ESN Publications, Vir dhunagar, Tamilnadu, 2020, ISBN: 978-81-945156-3-0.

### **Acted as Externals**

- Dr. A. Anbarason appointed as expert to conduct Ph.D Viva Voce examination by Centre for Research, Anna University Chennai. July 2019

### **Ph.D's Awarded**

- Dr. N. VijayaAnand awarded with Ph.D from JNTU K in June 2019
- Dr. C. Kumar awarded Ph.D degree from JNTUA, Ananthapuram on 6<sup>th</sup> January 2020.

### **Papers Reviewed**

- Mrs. Ragaleela Dalaptirao, reviewed the paper entitled "Mine ventilation network optimization to reduce power consumption with an improved PSO algorithm" submitted for International Journal of Computer Aided Engineering and Technology- Inderscience Publishers on 16<sup>th</sup> April, 2020.
- Mrs. Ragaleela Dalaptirao reviewed the paper entitled "Adaptive Mho Characteristic-Based Distance Protection for Lines Emanating From Photovoltaic Power Plants Under Unbalanced Faults" for the IEEE Systems Journal on 19<sup>th</sup> May 2020.
- Mr. B. BadduNaik reviewed a research paper titled “Transient Stability Augmentation of Algeria South-Eastern Power System Including Large PV and STATCOM” for Journal of Electrical Engineering & Technology”-Springer on 8<sup>th</sup> January 2020.
- Mr. T. Narasimha Prasad reviewed a research paper titled “Development of a Novel Isolated Three-Phase Bidirectional DC- DC Converter for DC Microgrid Application” for the International Journal of Circuit Theory and Applications – Wiley Publications in Nov, 2019

- Dr. N.VijayaAnand reviewed a manuscript entitled "Linear System Approximation Using a New Reduction Method and Design of Controller" for Transactions of the Institute of Measurement and Control an SCI indexed journal on 23<sup>rd</sup> march 2020.
- Mr. B.BadduNaik reviewed a paper titled "Security – Constant unit commitment for AC/DC transmission system with voltage stability Constraint" for "Journal of Electrical Engineering & Technology"-Springer on 01-0-2020.
- Dr. M. VenugopalaRao, Dr. Ch.P.N.Raju Mr. M.V.Ramesh, , Dr. C.Kumar, Dr. P.Muthukumar, Dr.N.VijayaAnand acted as a reviewer for the International Conference on "Smart Energy systems and Electric Vehicle" organized by Dept. Of EEE ,VRSEC held during 8<sup>th</sup> and 10<sup>th</sup> Jan 2020.
- Mr. B.BadduNaik reviewed a paper titled "Analysis of voltage and frequency control with PSS of distributed generation system with conventional system connected with grid" for "Journal of Electrical Engineering & Technology"-Springer on 1<sup>st</sup> August 2019.
- Mr. B.BadduNaik reviewed a paper titled "A novel approach for optimal allocation of series FACTS devices for transmission line congestion management" for "Journal of Electrical Engineering & Technology"-Springer on 27<sup>th</sup> August 2019.
- Mr. B.BadduNaik reviewed a paper titled "Reliability and cost based sizing of an isolated solar wind battery system using particle swarm optimization" for Journal of Electrical Engineering & Technology"-Springer on 30<sup>th</sup> August 2019