

Power Systems Lab Electrical Machines-I Lab Electrical Machines-II Lab Basic Electrical Engineering Lab Electrical Measurements Lab Power Electronics Lab Light Loads Control Systems Lab Faculty cabins in the Department Committee Room

Welcome to the Department of Electrical Engineering

The Department of Electrical Engineering was started in the year of 2010. It offers a minor degree in Electrical Engineering. The Department of Electrical Engineering is offering four year undergraduate programme (B-Tech) from the academic year 2016-2017 with an intake of 140 students per year and developing them into calibrated Engineers and making them useful to the society. Department of Electrical Engineering contains efficient and reliable faculty who expose higher enthusiasm and commitment towards teaching. Besides teaching, the faculties are effectively engaged with various research activities. The Department is well facilitated with 12 laboratories with modern technology and also with the lab staff, who are always available for students. Apart from study, the students are invoked to Learning by doing method and they are encouraged to do the projects which extremely improve their practical knowledge. The Department has a properly planned and well executable flexible curriculum, which makes the students to get success in their career.

Vision To transform the present day Electrical students into the future world-class Electrical Engineers there by catering the needs of current visionary society.

Mission To supervise and teach the students with Learning by doing method. To concentrate on students career building and to maintain conducive environment between student and faculty. To facilitate the students with all kind of facilities thus creating a platform for the students to showcase their exceptional talent and contribute to the societal development. To keep students trending with the changing in technology and advancement in Electrical Engineering. To encourage the students to work on the innovating technology that could improve the basic life of a common people.

HOD's Message The vision to establish the Department of Electrical Engineering is to generate the dynamic engineers who could make a difference in the modern day society. This can be accomplished by teaching students at the best of quality. We have highly qualified and experienced faculty to develop the budding students into Dynamic Engineers. We have sophisticated laboratories which could enhance the student's knowledge about the subject. Our Department consists of around 500 students, 10+ faculty and 12

laboratories. The Department conducts several Guest lectures, Workshops and Industrial visits to develop the student's practical knowledge. The Department also exists many committees such as Department Student Grievance Redressal Committee (DSGRC), Department Beautification Committee for the welfare of students. The Department Student Activity Room used by the students to conduct various activities to bring out the inner talent from the students. I am thankful to the entire faculty and staff, who have been part of the development of Department of Electrical Engineering over the years. Campus Selected students from Dept.of Electrical Engineering 2020-2021 Campus Selected students from Dept.of Electrical Engineering during the academic year 2020-2021. Campus Selected students from Dept.of Electrical Engineering@09.12.19

Head of the Department BHUKYA BHAVSINGH M.Tech (VCE Warangal) Assistant Professor Email: hod.eee@rgukt.ac.in Faculty LAXMAN MUTYAMM.Tech (IIT Bombay) Assistant Professor (Regular) Email :mutyamlaxman@gmail.com Dr. NAMANI RAKESH, Ph.D., Associate Dean of EngineeringAssistant Professor (Regular) Email :namanirakesh@rgukt.ac.in V VINAY KUMAR M.TECH (RGUKT BASAR) Assistant Professor Email :vvinay259@gmail.com BHUKYA BHAVSINGH M.Tech (VCE Warangal) Assistant Professor Email :bhavsingh205@gmail.com Campus Selected students from Dept.of Electrical Engineering 2020-2021 Campus Selected students from Dept.of Electrical Engineering during the academic year 2020-2021. Campus Selected students from Dept.of Electrical Engineering@09.12.19

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Major Equipments in Labs 1. Power Electronics Lab S.No Equipment/Component Quantity 1 High voltage power electronics Lab trainer -Six diode assembly -Six SCR assembly -Six IGBT assembly -Firing circuits 12 2 4-Channel DSO's 18 3 2-Channel DSO's 6 Experimental set-ups as per curriculum-12 2. Control Systems Lab S.No Equipment/Component Quantity 1 Universal PLC

platform with human machine interface 1 2 Industrial PID controller 2 3 2-Channel DSO's 4

Experimental set-ups as per curriculum-12

3. Power Systems Lab S.No Equipment/Component Quantity 1 Percentage differential relay 2 2 Transmission line system 2 3 Synchronous impedance calculation 2 4 Transformer oil testing 1 Experimental set-ups as per curriculum-12

4. Measurements Lab S.No Equipment/Component Quantity 1 Current Transformer and Potential transformer Kits 2 2 Calibration of power factor meter and energy meter 2 3 Transformer oil testing 1 Experimental set-ups as per curriculum-12

5. Basic Electrical Engineering Lab S.No Equipment/Component Quantity 1 Battery charger and Inverter system 1 2 Transformer Lab kit to see no load magnetization current 2 3 Boost converter kits 2 Experimental set-ups as per curriculum-12

6. Electrical simulation Lab S.No Equipment/Component Quantity 1 Intel core i7 8th Gen computers 70 2 Matlab Software users 20 Experimental set-ups as per curriculum-12

7. Power Electronics and Drives Lab S.No Equipment/Component Quantity 1 Three phase controlled rectifier drive 1 2 Step down chopper drive 2 Experimental set-ups as per curriculum-12

8. Electrical Technology Lab S.No Equipment/Component Quantity 1 300V/100A rectifier system and Main distribution panel: AC 415V, 300A 2 2 Motor-Generator set-ups 12 Experimental set-ups as per curriculum-12

9. Electrical Machines-I Lab S.No Equipment/Component Quantity 1 Rectifier: 220V, 300A 1 2 DC Motor-Generator set-up 5 Experimental set-ups as per curriculum-12

10. Electrical Machines-II Lab S.No Equipment/Component Quantity 1 Main distribution panel: AC 415V, 300A 1 2 Three phase alternators 4 Experimental set-ups as per curriculum-12

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Events Department of Electrical Engineering-Techfest Report as part of Antahpragnya-2020 ×

Department of Electrical Engineering-Techfest Report as part of Antahpragnya-2020-Video Close

Department of Electrical Engineering-Techfest Report as part of Antahpragnya-2020-Video

Department of Electrical Engineering Report on industrial visit - 2019 Department of Electrical Engineering Report as part of ENGINEER'S DAY ? 2019 Department of Electrical

Engineering-Techfest Report as part of Antahpragnya-2018 Campus Selected students from Dept.of Electrical Engineering 2020-2021 Campus Selected students from Dept.of Electrical Engineering during the academic year 2020-2021. Campus Selected students from Dept.of Electrical Engineering@09.12.19