



## KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA.

काकतीय प्रौद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६ ०१५ तेलंगाना, भारत

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ౫౦౬ ౦౧౫ తెలంగాణ, భారతదేశము

(An Autonomous Institute under Kakatiya University, Warangal)

(Approved by AICTE, New Delhi; Recognised by UGC under 2(f) & 12(B); Sponsored by EKASILA EDUCATION SOCIETY)

### BEST PRACTICES OF KITSW

- Conduction of Academic Audit of departments/sections
- Evaluation of PBAS applications for annual increment of the faculty
- Evaluation of CAS applications for faculty promotions
- Publication of Annual report, AQAR and Brochure
- Imparting Knowledge (K), Skills (S) and Qualities (Q) in Engineering programmes- UG and PG
- Outcome based education (OBE) based Curriculum frame work and teaching learning process.
- Institutional mechanism to eliminate scope of plagiarism – as per the UGC Regulations 2018 for submission of Mini projects, Major projects and Seminar reports

The Institute promotes the following activities to improve the quality in teaching learning process among the various departments/sections

**1. Industrial Tours:** The Institute organizes industrial tours once in a semester for all the students to the nearest power generation plants, electrical substations and other core industries. The faculty of the Institute will be accompanying the students to explain the technologies and to monitor the discipline among the students.

#### Outcome:

- Understanding the current trends in industries and relating the knowledge gained in the classroom and applying it
- Function effectively in a collective group/team
- Communicating effectively with engineering community

**2. Internships:** The students of the Institute are encouraged to undergo internship training in the industries in and around the state in order to gain adequate industrial experience. The students identify the industries in which they want to undergo training and the same will be allowed. In case of exigency, the faculty recommends the students to the industries with the contacts which they have.

#### Outcomes:

- Using the knowledge gained in the classroom and applying the same during their internship to better understand the concepts of electrical engineering.
- Understanding the needs of the society and the duties of an engineer in framing the society

- Understanding the ethical principles and commitment of professionals in the engineering practices.

**3. Guest lecturers from eminent faculty and industry:** The Institute organizes lectures of eminent faculty from higher educational institutions and the people from industry for the students at regular intervals. A minimum of two lectures will be arranged in a semester as a part of Engineering Association Activity. The students are encouraged to participate in Q A sessions

**Outcomes:**

- Exchange of knowledge pertaining to the current trends in industry and outside world
- Understanding the requirements of industry and the society

**4. Alumni interactions:** The Institute has a profound alumni group spread across the globe. In its 24 years of service, the Institute has nearly 1500 alumni who are well settled in different parts of the world and in different sectors. The alumni are requested to come to the Institute and share their valuable experiences to the students of the Institute. The Institute Association organizes the interactions every now and then but not less than two interactive sessions per semester

**Outcomes:**

- Sharing of knowledge pertaining to the current trends of the industry and the society

**5. Strong counselling and Mentoring system:** Every student of the Institute is attached to a faculty counsellor who counsels the student regularly every now and then in shaping him to meet the needs of the industry. Each faculty is assigned with six students from each academic year and the students are required to meet their counsellors regularly, not less than once in a month, to express their grievances. Further the faculty are encouraged not only to give inputs pertaining to the academics but also requested to improve the skills of the students for overall development.

**Outcomes:**

- Promoting the ethics of the student Life-long learning

**6. Institute technical festival/workshops:** Every year a technical festival will be organized in the Institute for harnessing the technical skills of the students and to promote the leadership and organizing skills. The students are encouraged to participate in various events organized and to organize the events.

**Outcomes:**

- Effective communication and organizing skills
- Improving the team work