



KAVIKULGURU INSTITUTE OF TECHNOLOGY AND SCIENCE

RAMTEK-441 106, DIST. NAGPUR, MAHARASHTRA,

(Managed by Vodithala Education Society, Hyderabad)

Approved by AICTE, COA, New Delhi and Govt. of Maharashtra

Permanently Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

NAAC ACCREDITED

ISO 9001:2015
ISO 14001:2015
Certified Institute

E-mail: info@kits.edu

Web : www.kits.edu

DTE Institute Code : 4104

Phone: 07114-255309 / 255313

Fax : 07114-255236

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

IQAC will facilitate/ contribute:

- To a heightened level of clarity and focus in institutional functioning towards quality enhancement and facilitate internalization of the quality culture.
- To enhance and integrate among the various activities of the institution and institutionalize many good practices.
- To provide a sound basis for decision-making to improve institutional functioning.
- To monitor the utilization of resources with the accomplishment of academics and administration for affording social responsibilities.
- Organization of workshops, seminars on quality-related themes and promotion of quality circles.

Through the establishment of IQAC, the Institute organizes meetings of IQAC head and members with the frequency of twice a year, in these meetings, various committees have been formed for academic and administrative activities like teaching and learning methodologies under the student grievance cell, guest lectures on content beyond syllabus by the expert academician/ industry person, signing several MOUs with the industries and institutes, various seminars and workshops for women empowerment and harassment related issues, taking feedback from students regarding academic and administrative facilities, also institute concentrated about student's skills development in curricular as well as extracurricular activities by engaging the students in various paper presentations, conferences, seminars and mini project competitions and various activities and seminars, solving hostel issues for students etc.

To impart quality education to students and to maintain an effective teaching-learning process, a quality assurance cell has been formed.



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Quality Assurance Strategies

- To establish a systematic process in academics and administration
- To impart quality education to students that fosters employability, research and development
- To satisfy the stakeholders by meeting their requirements
- To nurture the skills and talents of the budding engineers through training and development activities

Quality Assurance Processes – Case study 1 - Establish systematic process in academics and administration

- At the beginning of every year, an academic calendar is prepared and circulated among all the stakeholders.
- Meetings with stakeholders are mentioned therein and conducted as per the schedule.
- Class and course committee meetings have been scheduled and conducted. The grievances and the comments given in the meeting have been addressed by IQAC.
- Annual Day and Sports Day are conducted as per the calendar plan.
- Holidays and special working days are also mentioned.
- Counseling schedules have also been scheduled and the comments given in the reports are also addressed by IQAC.
- Online feedback has also been scheduled periodically and collected on time.
- Based on the feedback from students, faculty members have been directed properly to overcome the issues.
- Periodic reviews and audits are conducted by the IQAC.
- Orientation cum Induction programs are organized every year for the young and newly joined faculty members to adapt themselves to the systematic process of the institution.
- Internal assessment tests are periodically conducted as specified in the academic calendar.



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- Question papers and answer scripts are audited periodically.
 - Course end survey is conducted at the end of every course, to know about the satisfaction level of the teaching-learning process in each subject.
 - By the end of every month, all faculty meeting is organized by the Principal to ensure the smooth run of all activities in each department.

Case Study 2: Faculty Preparation Plan (FPP):

- Before the start of the semester, every faculty member has to prepare notes for the subject.
- In this way, faculty can completely revise that subject before the beginning of the semester and will be able to impart teaching effectively.
- FPP would comprise detailed notes for 5 units, short and long questions and answers for each unit, a list of previous year question papers, Content beyond the syllabus, etc.
- Teachers should mention the type of teaching methodology like blackboards, and LCD projectors depending on the topics being discussed.
- Expert lectures have to be planned in a semester in each department to cover difficult topics or topics beyond the syllabus to know the latest developments in the subject.
- Video lectures by eminent experts are sometimes played in the classes for the benefit of the students and are mentioned in the lesson plan based on the requirement.
- Apart from the theory subjects, FPP has also been prepared for the laboratory classes.
- Since real learning comes with hands-on work, theory subjects are supplemented heavily with laboratory classes.
- A lab manual has to be prepared.
- The teaching plan will be very useful to the faculty in identifying which books to use, what learning tools to adopt and how much time should be spent for each topic in the syllabus. Faculty members have to get approval for the teaching plan from the HoD.