



# **HKE SOCIETY'S PDA COLLEGE OF ENGINEERING, KALABURAGI**

*(An autonomous institution, affiliated to VTU, Belagavi, Karnataka)*

## **INTERNAL QUALITY ASSURANCE CELL (IQAC)**

### **POLICY**

## **Internal Quality Assurance Cell (IQAC)**

### **Vision of Institute:**

**To be an institute of excellence in technical education and research to serve the needs of the industry and society at local and global levels**

### **Mission of Institute:**

**To provide a high-quality educational experience for students with values and ethics that enables them to become leaders in their chosen profession**

**To explore, create, and develop innovations in engineering and science through research and development activities**

**To provide beneficial service to the national and international industries and communities through educational, technical, and professional activities**

### **About the Institute:**

Poojya Doddappa Appa College of Engineering, Kalaburagi (PDACEK) is the first institution established by the Hyderabad Karnataka Education Society in 1958 and the campus is spread across 71.63 Acres.

The PDACEK was started with 50% central assistance and 50% state assistance, and a desire to impart quality technical education to this part of Karnataka State. The initial intake was 120 with degree offered in three branches of engineering viz, Civil, Mechanical and Electrical Engineering. Now, it houses 13 undergraduate courses, 10 post graduate courses and 13 recognized research centers, offering Ph.D. programs. All the courses are affiliated to Visveswaraya Technological University, Belagavi.

PDACEK is included under the section 2(f) and 12(b) of UGC act 1956 and is approved by All India Council for Technical Education (AICTE), New Delhi. PDACEK is a permanent affiliate and conferred Autonomous Status from the academic year 2007-08, under Visvesvaraya Technological University (VTU), Belagavi, to update its own program and curriculum, to devise and conduct examinations, and to evaluate student's performance based on a system of continuous assessments.

The National Board of Accreditation, New Delhi, has accredited the College twice once in the year 2005 for 09 UG programs out of which 08 programs are accredited for three years and 01 course is accredited for five years and second time accredited for six programs in the year 2009. At present the college is accredited by National Board of Accreditation for 05 UG programs under Tire-I as per Washington accord.

PDACEK is one among the 14 colleges selected under TEQIP, sponsored by World Bank. It has received a grant of Rs 10.454 Crores under this scheme for its development. The institution is selected for TEQIP phase II in year 2011 for four years and received a grant of Rs 12.50 Crores for its development and selected for TEQIP-III as mentoring Institute for BIET Jhansi (UP).

One of the unique features of our college is it is the first college in Karnataka State to start the Electronics and Communication Engineering branch way back in the year 1967, to join NIT Surathkal and IISc, Bangalore. Also, it is the only college in the state and one among the three colleges across the country, offering a course in Ceramic and Cement Technology. This is the outcome of understanding by faculty and management about the basic need of this region, keeping in view of the available raw material and existing Cement Industries.

## About IQAC

The recent changes in the higher education system, reforms and challenges, necessitate to dynamically engaging in the developing and implementing of quality benchmark in all the key functioning areas of higher educational institutes. Committed to maintain its standards in education, the PDACEK re-constituted the IQAC during October 2024.

The IQAC is a central part of the institute which works towards institutionalizing the process of quality enrichment and sustenance by developing a system for consistent, conscious, and catalytic improvement in all the key areas of functioning of the institute.

IQAC activities includes - Facilitating Academic and Administrative Audit, preparation of Annual Report, supports in the participation of NIRF, NBA, Affiliation and all other quality audit process. The Cell documents and reports various activities of the institute.

Through all these measures IQAC happens to be one of the key components of the institute which ensure quality and continuous improvement in all the key areas of functioning of the institute.

Objectives of IQAC - The primary intend of IQAC is,

To develop procedures to evaluate the effectiveness of curriculum, teaching-learning and evaluation process and other activities

To create a feedback system from various stakeholders to ensure quality in teaching and learning

To compute and organize actual performance, ascertain deviations and make available feedback for improvement

## IQAC Composition

The IQAC composition has internal member which includes Principal, Senior administrators, faculty from all levels, persons in-charge of institutional services, management representative, student representative as well as external experts from various backgrounds. The members attend IQAC meetings and provide valuable suggestions.

## **Quality Circles**

The planned Quality Policy activities in each department is implemented and executed by Quality Circles (QC). QC is headed by head of the department as convener, and members of program assessment committee act as members of QC.

## **Process for Implementation of Quality System**

### **1. Procedure and Objectives**

The procedure and objectives to be followed for the key functional areas are communicated to all the departments and sections at the commencement of academic session. The identified key functional areas of the departments for quality measurements include curriculum development, teaching-learning process and evaluation, faculty profile, student profile and best practices. Administrative sections include Academic section, Examination section, Library and other supporting sections of office.

### **2. Collection of Information**

The information required as per the academic audit and academic and administrative audit format is prepared by all the departments and institute and sent to the IQAC office at the end of each academic session. The format is reviewed and modified periodically on need basis.

### **3. Academic Audit Calendar**

The annual calendar of academic audit is prepared by IQAC office and communicated to departments for follow up actions.

## **Quality Sustenance, Improvement and Performance Assessment**

### **1. Academic and Administrative Audit**

Academic audit of all the departments is conducted at the end of each semester by internal members to assess the departments based on the Departmental Academic Audit format. The institute audit is conducted at the end of every academic session by internal committee members based on Academic and Administrative Audit format. The audit is conducted at the end of each

academic session by external members. IQAC helps in organizing the Academic and Administrative Audit.

## 2. Faculty Self Appraisal Reports

Self appraisal report is to be submitted by every faculty member at the end of academic session to the office of Vice-Principal (Academics). The period of academic session is from July to June. The Performance Based Appraisal System (PBAS) deal with the investigation of the self appraisal submitted by the faculty members. The PBAS is analyzed and comparative scores are drawn. Areas of improvement are recognized and same is communicated to the concerned faculty member.

## 3. Feedback from the Student

The student feedback of all the teachers and courses, facilities, internship are collected by the department and analyzed. The report of analysis is submitted to IQAC. The IQAC analyze and prepares a consolidated report of all the departments.

## 4. Best Practices

The best-practices followed by each department are collected by IQAC. All the best practices are compiled and shared to all the departments.

## 5. Maintaining of documents

All the information as per the academic audit format submitted by the departments is compiled by IQAC under different sections. Overall documentation of the institute is efficiently maintained by IQAC which help in sharing of information whenever it is required by the regulatory authorities.

## 6. Preparation of Annual Report

IQAC coordinator prepares annual report and submits the same to the Principal for publication.

### **IQAC meetings**

Regular meetings of IQAC core committee are conducted to discuss about quality activities.