



## KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

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

కాకతీయ ప్రాచ్యోగికీ ంవం విజ్ఞాన సంస్థాన, వరంగల - 506015, తెలంగానా, భారత

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - 506 015 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)

# INTERNAL QUALITY ASSURANCE CELL (IQAC)

## POLICY DOCUMENT

# ACADEMIC AND ADMINISTRATIVE AUDIT (AAA) POLICY

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# Academic and Administrative Audit Policy

## I. PURPOSE

Academic and Administrative Audit (AAA), are indispensable for the excellence in Higher Education. There are interconnected concepts of various aspects of academic and administrative activities in a Higher Education institute. A strong administrative support system is required to achieve quality oriented academic.

The IQAC undertakes AAA to monitor and evaluate the institutional process through systematic internal and external reviews. The AAA is a peer review process including self-study and a site visit by peers from inside and outside the institution.

The process of AAA intends to monitor and enhance the quality of technical education through proper guidelines for both teaching faculty and students, to ensure qualified engineers/researchers pass out from the Institute. The administrative system in the institute is the backbone to the academic activities and provides a good working and learning environment for faculty, staff and students.

### A. Academic Audit:

Academic audit can be understood as a scientific and systematic method of reviewing the quality of academic process in the institution. It is related to the quality assurance and enhancing the quality of academic activities in the Institute.

### B. Administrative Audit:

It can be defined as a process of evaluating the efficiency and effectiveness of the administrative procedure. It includes assessment of policies, strategies & functions of the various administrative departments, control of the overall administrative system etc.

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## II. OBJECTIVES

Major objectives of Academic and Administrative Audit:

1. To evaluate and understand the existing system and assess the strengths and challenges of the Departments and Administrative Units and to suggest the methods for improvement and for overcoming the challenges.
2. To identify the bottlenecks in the existing administrative mechanisms and to identify the opportunities for academic reforms, administrative reforms and examination reforms etc.
3. To evaluate the optimum utilization of financial and other resources.
4. To suggest methods for continuous improvement of quality keeping in mind criteria and reports by NAAC and other statutory bodies.

The review process is usually carried out by internal committee members and the external academicians. As a part of the audit process, the IQAC has structured a proforma for the evaluation based on the Criteria specified by NAAC and other statutory bodies. The AAA also ensures the proper implementation of regular teaching-learning process, implementation of activities as per Almanac and Institute policies to meet outcome-based education (OBE), Research & Development (R&D) and industrial collaboration to meet graduate attributes.

Academic and Administrative Audit is being conducted every year by the IQAC of the institute. It is our institutional review focusing on core academic activities such as teaching, research and interaction with industry. During the audit, the committee considers the department's / section's performance in the arenas of core academic activities viz., teaching, research and interaction with industry.

## III. POLICY COVERAGE

### A. Approach towards AAA:

Higher Education Institutions or University with national and international importance cannot be built without having a strong continuous Academic and Administrative Audit system. Kakatiya Institute of Technology & Science, Warangal (KITSW) has adopted Academic and Administrative Audit system with External Audit committee comprising of external members from Institute of national importance (IIT / NIT) and from affiliated University (Kakatiya University).

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## **B. External Audit:**

The external audit is to be done in the institution by external peers/ experts.

## **C. Composition of External AAA team**

- i. External Audit team should consist of at least 2 faculty experts from other universities/institutions who have experience and/or training on academic quality systems, processes and strategies and audit tactics and methodologies.
- ii. IQAC Coordinator
- iii. Registrar / Administrative Officer
- iv. 2 Deans

## **D. The Process of External AAA**

The External Audit process needs to be completed within 2 days.

- i. The External Audit team, in the beginning, will meet and interact with the Principal and the IQAC team to collect the details of the programmes and activities being conducted/ undertaken during the period of audit.
- ii. Auditors will then visit all departments and facilities and verify the Academic Administrative Audit form along with supporting documents. They will interact with the Head of the Department/Co-ordinator and the teacher in charge of quality assurance and will seek for doubts and clarifications if any.
- iii. After conducting the audit in all the departments and facilities, the audit team will sit with the IQAC team to obtain further details, documents and clarifications.
- iv. Finally, the External Audit team will prepare its report. The Chairman of the Audit team will present a brief summary of the observations and findings of the audit, and submit the audit report to the Principal.
- v. The Principal will review the report and pass it to the IQAC for submission of proposal for implementation of the suggestions and recommendations.

## **E. Periodicity:**

KITSW shall undertake the external AAA exercise on an annual basis.

## **F. Process:**

The Institute has devised its own process and formats with some changes defined by NAAC.

The main focuses of the defined processes are:

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- i. Curriculum and Courses offered
  - ii. Teaching & Learning environment
  - iii. Research & Development and R&D environment
  - iv. Students' performance and achievements
  - v. External stakeholder engagement
  - vi. Industry collaboration
  - vii. Alumni engagement
  - viii. Social responsibility
  - ix. Stakeholders survey
  - x. Internal stakeholders (students, faculty, non-teaching)
  - xi. External stakeholders (industry, alumni, community leadership, parents, others)
  - xii. Vision of the dept. for future
  - xiii. Governance
  - xiv. Management - Transparency, Infrastructure
  - xv. The committee shall review the activities and processes being followed that influence academic quality and assess the performance of departments during and make recommendations for improvement.

## **G. Criteria For Academic Audit**

With the approval of the authorities, the IQAC of the institution can evolve strategies and procedures for conducting the audit, based on their requirements and in line with the criteria fixed by the accreditation bodies.

## **H. Areas for consideration by the Audit Panel:**

### ***a) Institutional Mission, Vision and Quality Policy***

The institution's mission is explicit and understood and owned by the staff.

Aims and objectives are in keeping with the mission and are realistic and achievable.

### ***b) Institutional Approach to Quality Assurance***

- i. The institution has adopted a working definition of quality assurance which is compatible with its mission.
- ii. A systematic and comprehensive approach to quality assurance affecting all the essential services of the institution is being implemented.
- iii. A quality assurance handbook addressing all the affected activities is in evidence.

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- iv. The quality assurance handbook is available to all departments for consultation by all staff members.

**c) Governance**

Principles of good governance are evident, and they are translated into:

- i. Working in an open manner so as to facilitate access to its policies and decisions by the public
- ii. Encouraging institution-wide participation in the formulation of policies
- iii. Ensuring that specific responsibilities are clear and are assumed appropriately by members according to their hierarchy
- iv. Timely implementation of policies and monitoring thereof
- v. Governing body being cohesive in its approach

**d) Top management Leadership**

- i. Developing and communicating the institution's strategic plan with identifiable short term and long-term goals and objectives
- ii. Developing and communicating the institution's mission
- iii. Establishing effective links with external stakeholders
- iv. Developing an organisational structure which reduces bureaucracy and improves communication, efficiency and effectiveness

**e) Management of funds**

- i. Transparency and accountability
- ii. Proper budgeting and rationalisation of funds with justification, taking into account short term and long-term goals
- iii. Ensuring cost effectiveness of programmes
- iv. Effective internal auditing

**f) Management of academic activities**

- i. Ensuring that programmes are relevant
- ii. Ensuring that academic standards are continuously monitored and improved
- iii. Ensuring that the institution's awards are recognised nationally, regionally and internationally.

**g) Admissions**

- i. Policies regarding admissions are clear, transparent and accessible by the public
- ii. Policy on equal opportunities is implemented consideration is given to physically disabled and mature students

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### ***h) Staff Appraisal and Promotion***

The institution has well established policies for appraisal and promotion of staff and that these policies are effectively implemented

These policies are reviewed to reflect changing circumstances

Staff resources are effectively deployed: roles and relationships are well defined and understood; duties allocated are appropriate to qualifications, and experience

### ***i) Staff Development***

i. Performance appraisal is undertaken periodically in a transparent manner with the employment of clearly developed policies.

ii. Staff are informed of management's recorded perception of their strengths and weaknesses

iii. Appropriate support and training are given to staff concerned to enable them to overcome

iv. Weaknesses so as to perform more effectively.

v. Opportunities are given to deserving members to further their career.

vi. Continuing professional development is actively promoted

vii. Ancillary facilities - staff accommodation, storage space, preparation rooms, amenity accommodation etc. - are adequate.

viii. The teaching staff establishment is sufficient to deliver the curricula.

ix. Staff development needs are systematically identified, in relation to individual aspirations, the curricula and institutional requirements.

x. All staff, academic and non-academic, are given the opportunity with necessary support to undertake appropriate staff development related to identified needs: induction, in- service training, consultancy, research and other scholarly activities.

### ***j) The Teaching and Learning Environment***

i. The academic environment, physical and social, is generally conducive to learning, and the level of research and other scholarly activities is appropriate to the level of teaching.

ii. Teaching accommodation is sufficient in quantity and is appropriate for the curricula on offer and for the full range of students.

iii. The physical environment is adequately maintained in terms of safety, cleanliness, repairs and decor.

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- iv. Accommodation, especially specialist accommodation, is optimally used as evidenced by suitable plans, schedules, timetables and control systems.
  - v. There is adequate support in terms of library, technician, administrative, student services, staffing, etc.

***k) Learning Resources***

- i. There are adequate specialist facilities - including practical and experimental learning facilities for the curricula given by the Institute.
- ii. There are sufficient physical resources to deliver the curricula, including equipment, materials and Information and Communications Technology.
- iii. Equipment is up-to-date, readily available and effectively deployed.
- iv. Library, audio-visual, internet access, appropriate software and hardware and other academic services are adequate for the curricula.

***l) Programme Organisation and Delivery***

- i. Learning programmes are effectively organised and managed.
- ii. Teaching programmes are clearly articulated, made known to students and regularly monitored.
- iii. Coursework and assessment are systematically scheduled.
- iv. Feedback is regularly obtained from students, employers, parents and Alumni and analysed and acted upon as appropriate.

***m) Teaching and Learning***

- i. Teaching and learning are based on explicit learning outcomes which are consistent with programme/course objectives.
- ii. Teaching methods are innovative, varied, and appropriate to the stated learning outcomes and make effective use of available facilities, equipment, materials and aids.
- iii. Teaching is well planned and prepared and effectively performed, taking account of the needs of all categories of students.
- iv. The style and pace of teaching and learning takes due account of the nature of the curricula, students' varied abilities and prior learning, and the specific needs of the very able or weak students equally.
- v. Teaching approaches encourage independent learning with critical thinking and students take responsibility for their own learning.

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- vi. Learning is enriched by appropriate reference to cross-curricular links, current research, industrial applications and development of generic skills such as communication and teamwork.

***n) Student Support***

- i. Students' needs for guidance and support are recognised and provision made for advice and assistance in the curricular, vocational and personal domains.
- ii. Adequate provision is made for information and advice to potential students during the application and enrolment phases.
- iii. Students are effectively supported during their studies by systems of induction, counselling, and provision for remediation and curricular choice.
- iv. Students are adequately prepared for the next stage of study or employment by appropriate contacts, information, advice and training.

***o) Monitoring and Assessment***

- i. A range of assessment methods including coursework, projects, research and examinations etc is used in a planned manner to serve diagnostic, formative and summative purposes.
- ii. Assessment schemes are compatible with the aims and aspects of the curricula as taught.
- iii. The scope and weighting of assessment schemes are clear and known to all concerned and the standards applied are explicit and consistent across the curricula.
- iv. Coursework is regularly set and assessed and is at the appropriate level of attainment.
- v. Coursework faithfully reflects the full range of curricular aims, including the development of generic skills.
- vi. Student achievement, as represented by their coursework, is comparable with that of students on similar courses elsewhere.
- vii. Students' performance and attitudes indicate a positive and successful learning experience.
- viii. A systematic procedure for keeping record of student progress, for providing feedback to students and taking corrective action where necessary is effectively employed.
- ix. Students have ready access to reasonable appeal procedures.

***p) Output, Outcomes and Quality Control***

- i. Performance indicators are regularly used to inform institutional assessment of achievement in relation to educational aims and learning outcomes.

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- ii. Results are monitored and analysed and appropriate action taken.
  - iii. Quality Control arrangements at institutional, department, subject and/or course level are consistent and coherent.
  - iv. Quality standards, policies and strategies, are consistently applied and periodically reviewed within the cognate area.
  - v. There is a general commitment to excellence in teaching and learning, apparent in staff and student attitudes in all aspects of provision.

***q) Industrial Links/Work-based Experience***

- i. A committee comprising the institution and industry and other stakeholders meets regularly for the purposes of curriculum design, quality assurance, effective teaching-learning process.
- ii. An active interface exists with industries for the purposes of identifying programmes of study and suitable work experience compatible with the student.

***r) Community Service and Good Citizenship***

- i. The institution plays an active role in inculcating the spirit of a healthy community and in providing its services and expertise to it to promote psycho-socio-economic integration and development.
- ii. Deliberations and Decision of the Audit Panel

**I. Implement recommendations from the audit:**

The Principal after careful check and review will forward the report of the External Audit team to the IQAC for implementation of the suggestions and recommendations. A detailed plan of action may be prepared to implement the suggestions in a phased and organized manner.

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