

V.R. SIDDHARTHA ENGINEERING COLLEGE

Annual Report of IQAC 2014-15

Initiatives taken and activities performed

In the process of development and application of quality parameters, IQAC has taken up the following academic, administrative and Green initiatives and activities.

1. Implementation of Barcoding and automation in the examination process.
2. Guidelines for Environmental Audit.
3. Energy Audit
4. To review the present student feedback parameters

Initiative 1: Implementation of Barcoding and automation in the examination process.

Coordinator IQAC informed that some of the reforms are planned in the examination system like bar coding, Assessment of the quality of question paper in semester end examination and continuous evaluation. It is resolved to approve for implementing the use of bar coding system for main answer book in semester end examinations from this academic year. Proposal is prepared to automate the examination process using barcode and OMR costing around 10 -12 lakhs.

Initiative 2: Guidelines for Environmental Audit.

Objective of the Audit: To examine officially the effects a college has on the environment. Audit helps to improve the existing practices with an aim of reducing the adverse effects on the environment concerned. Green audit visualizes the documentation of all such activities taking stock of the infrastructure of the college, their academic and managerial policies and future plans. A clean and healthy environment aids effective learning and provides a conducive environment. For that Institution has planned various following activities to preserve the environment within the campus such as

1. Organization of clean and green programmes by encouraging NSS volunteers, NCC cadets, Walker's Association & students and faculty and staff.
2. Establishment of Solar panels, Rain water Harvesting, Green Cover, use of dustbins and Campus Cleanliness, etc.
3. Proposal to constitute a committee for framing guidelines for various components, practices to conduct environmental audit on the Air issues, Water issues, Solid waste and Environmental Management.
4. Certificate programs may be introduced for the benefit students.

5. Use of energy efficient products- CRT monitors instead of LCD / flat panel, Computers with energy star rating, recycled paper.

Recommendations: Rain water harvesting through harvesting pits for the ground water recharge. Push button taps are recommended for urinals. STP is recommended for the treatment of effluent coming from all septic tanks and the treated effluent may be used for gardening and flush outting of sanitary fittings.

Initiative 3: Energy Audit

Objective: To assess the energy consumption and identify ways to reduce the energy consumption for energy savings.

Recommendations:

- Regular energy audit is recommended for energy saving.
- Replacement of traditional lighting with LED lighting
- Establishment of Solar Energy system is recommended to generate power partially or fully
- Establishment of Solar energy laboratory in EEE Department

Initiative 4: To review the present student feedback parameters

IQAC coordinator presented current student feedback parameters used in the college to know the performance of the faculty and various feedback systems, bench marks of reputed Universities and Colleges and requested the members for their suggestions.

Some of the activities are detailed below

Activity 1: Teaching quality assessment and possible interventions

IQAC in association with Teaching Learning Centre-IIT Madras, conducted the Teaching Quality Assessment programme on 23rd - 25th March 2015. There was an interaction with Students, faculty, management and academic administrators.

Training consists of

- “Scientific Educational Practices” for all faculty members to make them aware of the scientific advancements in higher educational instructional practices.
- Sensitize faculty members towards “Engineering Epistemology”
- Sensitize faculty members towards “Behavioural Essentials”.
- Sensitize faculty members towards “Observational to Scientific Practices in Learning Feedback”.

Activity 2: Leadership- "A New Dimension for Institutional Growth"

One day Training programme on Leadership- "A New Dimension for Institutional Growth" by Prof. Abhirama Krishna, Director South State Business School was conducted on 26th August 2014.

Activity 3: Administrative Communication


Three Days training program was conducted for administrative staff from 29th Sept to 1st Oct 2014 by Ms B.N. Prasuna Soft Skills Trainer, Ms D. Sridevi, Asst. Professor in English, Mr. Jayaranjan, Asst. Professor in English Dept..

Future Plan for next Academic Year 2015-16

1. Issues related to Autonomous System-
 - Revaluation,
 - Auditing of question papers,
 - Conduct of Semester end examinations.
2. Quality of Student Projects
3. Teacher Training center.


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