Internal Audit Report
Department of Energy and Environment

The internal audit of the department of Energy and Environment was conducted based on 46 indicators taken from NAAC AQAR. For each indicator comments were invited from experts using online form. 16 indicators were identified where department was found to be lagging. It needs deliberations and introspection, however, 2/3 times departmental performance either fall in satisfactory/ good category.

The broad outcome of the review:

1. Teaching and academics of the department are doing exceptionally well.
2. The USP of the department is to focus on student centric decisions
3. Interactions between students and teachers are adequate and well appreciated
4. Department has well qualified and experienced faculty those are dedicated for their work.

Suggestions of the reviewing committee:

i. Four programs with limited faculty strength can have impact on the personal research work, this aspect was highlighted from number of research projects available per faculty indicator, ample time should be given to the faculty for deeper and critical thinking.

ii. Sports activities, it is very common to observe low sports and cultural activities in higher education institute where master's programs have been offered. Deliberate efforts to promote under Khelo India program should be taken.

iii. Course curriculum should have been revised taking national level competitive examinations viz; GATE NET. in consideration

iv. University/department should invest to support faculty members to attend international programs/workshop/ conferences

v. Faculty need to start applying for faculty leadership awards, innovation awards etc. Experts have seen huge potential in faculty to apply such awards, but according to current evaluation we are lagging in this field/section.

vi.   Campus-community partnerships and community outreach efforts such as involvement of local RWA or raising awareness of local communities about ill effects of pollution episodes can be explored. Government of India is supporting collaborations between higher educational institutes and their communities. Such events can be awarded by the government and in view it will bring good reputation to the university.

vii. Department should have dedicated platform where policy briefs and working papers can be edited and uploaded. Every year several good major project thesis works has been produced, those can be evaluated for potential working papers and policy briefs. This will increase impact of our research on society and will help policy makers for taking science-based policy decisions.

Gap areas

i.   Need is to establish strong human resource data collection centre (HRD). This centre will help to collate and analyse data related to student, their performance in various competitive exams and higher educational enrolments.

ii.   Ex-students or alumni forum should have been at placed, supporting and engaged alumni network is important for university reputation. The growth of universities and higher education institutions are based on the strong alumni network.

iii. Promotion of start-ups and Incubation centre, students should be supported through guided efforts, this provides unique opportunity for potential students and business plan.

iv.   PhD completion ratio per faculty need to be improved. This is a gap area and improvement at this front is required.

v.   Increase government funded project, if not alone then submission of collaborative research has been advised.

vi.   National level conference and outreach activities can be tapped through available government schemes.

vii. University should promote consultancy projects; these projects can be the best instrument to bring money for the university and enhance involvement of faculty in research.