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Distinctive and Prioritized Thrust Area of The IQAC

Title: Simple and Effective Procedures for Implementation of OBE Philosophy.

Description:

SDM College of Engineering and Technology started in the year 1979 focusing on undergraduate program in preparing students in line with technological trends and industry requirements. All programs got accredited by National Board of Accreditation(NBA) as a major benchmark of quality education under Tier-1 with Outcome Based Education (**OBE**) as a major paradigm shift in education. Outcome Based Education is an educational philosophy that drives the experiential learning component specified in **NEP-2020** by ensuring the competence and performance required for a role to be played by the students in the Industry i.e. **industry readiness**. IQAC unit of this Institution has established the simple and effective **procedures** of stating Course Outcome(COs), mapping of COs to program outcomes(POs) and simplified ways of calculating and recording attainment of outcomes. IQAC is providing **services** across the country in **preparing** the Institutions and **validating** their OBE procedures. It has established several credentials as listed below.

Credentials:

1. Obtained **Copyrights** for OBE procedures.
2. Has become member of Indo Universal Collaboration for Engineering Education-**IUCEE**, a consortium of several Institutions driving quality of education.
3. **Published papers** in Scopus indexed journal.
4. **Trained** Institutions / faculty members.

5. **Audited** several Institutions for NBA and NAAC from OBE perspective.
6. Established several simple **procedures** and created **templates**.
7. Conducted THREE **Pre-Conference workshop** in **International conference organized by IUCEE**.

Reference Links:

1. [List of IQAC activities](#)
2. [About OBE @ glance](#)
3. [Training Template-Procedure for Writing COs](#)
4. [Sample COs for a course](#)
5. [Training Template-Procedure for computing attainment of COs](#)
6. [Special Case study on attainment of CO](#)
7. [Training Template-Procedure for computing attainment of POs](#)
8. [Batch / Program wise Attainment Report](#)
9. [Course level attainment report](#)
10. [Admin Process:](#)
11. [QP Review](#)
12. [Internal Audits](#)
13. [External Audits](#)
14. [Best Practices](#)
15. [Year Planner](#)

Reference Books / Materials:

1. Outcome-Based Education: Critical Issues and Answers by **William G. SPADY**, Published by **American Association of School Administrators**.
2. Writing and Assessing Course-Level Student Learning Outcomes published by **Office of Planning and Assessment, Texas Technical University**.