



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

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కాకతీయ ప్రొటోగికి ఎవ్ విజ్ఞాన సంస్థాన, వరంగల్ - ౫౦౬౦౧౫, తెలంగాణ, భారత

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ౫౦౬ ౦౧౫ 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)

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Implementation of OBE at KITSW

In KITSW, OBE is implemented in three levels.

1. Designing curriculum with outcomes as industry requirements
2. Outcome based instruction
3. Outcome based Evaluation

Stages involved in developing OBE based curriculum

1. Defining Vision and Mission of institute from feedback of stakeholders
2. Defining Vision and Mission of department from feedback of stakeholders and BoS members (in line with institute)
3. Defining Program Educational Objectives (PEOs) (in line with vision and mission of department)
4. Defining Program Specific Outcomes (PSOs) from BoS and industry experts along with stakeholders
5. Identifying competencies in Program Outcomes (POs) and Program Specific Outcomes (PSOs)
6. Identifying the courses and defining Scheme of program
7. Constitution of Course Content Preparation Committees (CCPC) for each course
8. Identifying Knowledge, Skills and Qualities (KSQs) which the student has to acquire from each course from industry experts

9. Defining Course Outcomes (COs) from Skills and Course Contents from Knowledge mentioned above
10. Preparing Worksheet for each course (indicating lecture objective and outcome for each class)
11. Identifying competencies of Course Outcomes by CCPC and mapping the CO competencies with PO competencies
12. Formulating Course Articulation Matrix (CAM) based on mapping mentioned above
13. Formulating Program Articulation Matrix (PAM)

Instruction in OBE: steps involved

1. Constituting Course Committees for each course (1 course coordinator + course teaching faculty+ one senior member)
2. Preparing Outcome Based Lecture Schedule (OBLS)
3. Preparing Table of Specifications (ToS)
4. Implementing OBLS through Outcome Based Lecture Plan (OBLP)
5. Following 11 essentials of Teaching Learning Process

The course teacher follows the OBE calendar which will be provided at the start of the academic semester.

Actions taken for improvement of instruction in OBE

1. Actions Taken Report (ATR) and Action To be Taken Reports (ATTR) at different stages in instruction
2. Students feedback twice a semester (Online feedback, Class Representatives Meeting, Course Exit Survey)
3. Program Exit Survey

Evaluation in OBE: steps involved

1. Preparing Question papers & Assignments based on Table of Specifications (question papers must be set aiming at higher order cognitive levels)
2. Calculating Course Outcome Attainments (COAL) and Cognitive Domain Attainment Level (CDLL) - (Procedure of calculation , Sample CO attainment with weightage of different parameters)
3. Calculating Program Outcome Attainment and Program Specific Outcome Attainments - (Process of attaining, PO Attainment levels for a batch)
4. Identifying PO attainment gaps, preparing action plan and adjusting PO targets if required for the next academic year after thorough discussion in BoS and DAAC.