ISO 9001:2015 AICTE-CII: GOLD Category Institute NAAC-'A' Grade Institute (CGPA: 3.21) NIRF-2021 Rank : 197

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

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

काकतीय प्रैद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६ ०१५ तेलंगाना, भारत

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ౫౦౬ ౦౧౫ తెలంగాణ, భారతదేశము

Estd-1980 KITSW

(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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OFFICE OF OUTCOME BASED EDUCATION

Process involved in implementation of OBE

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)

OBE based instruction

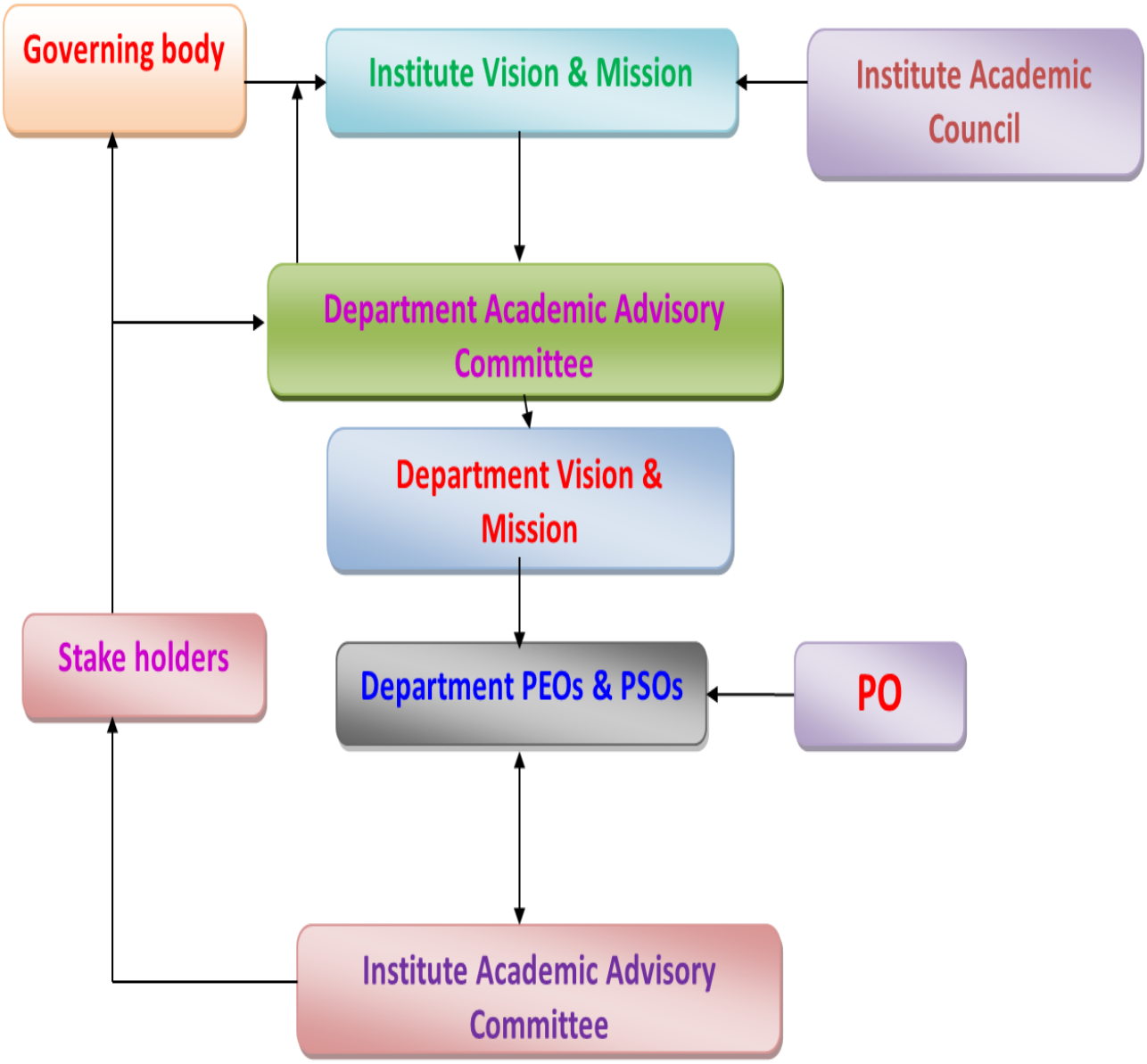
1. Constituting Course Committees for each course (1 course coordinator + course teaching faculty+ one senior member)

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

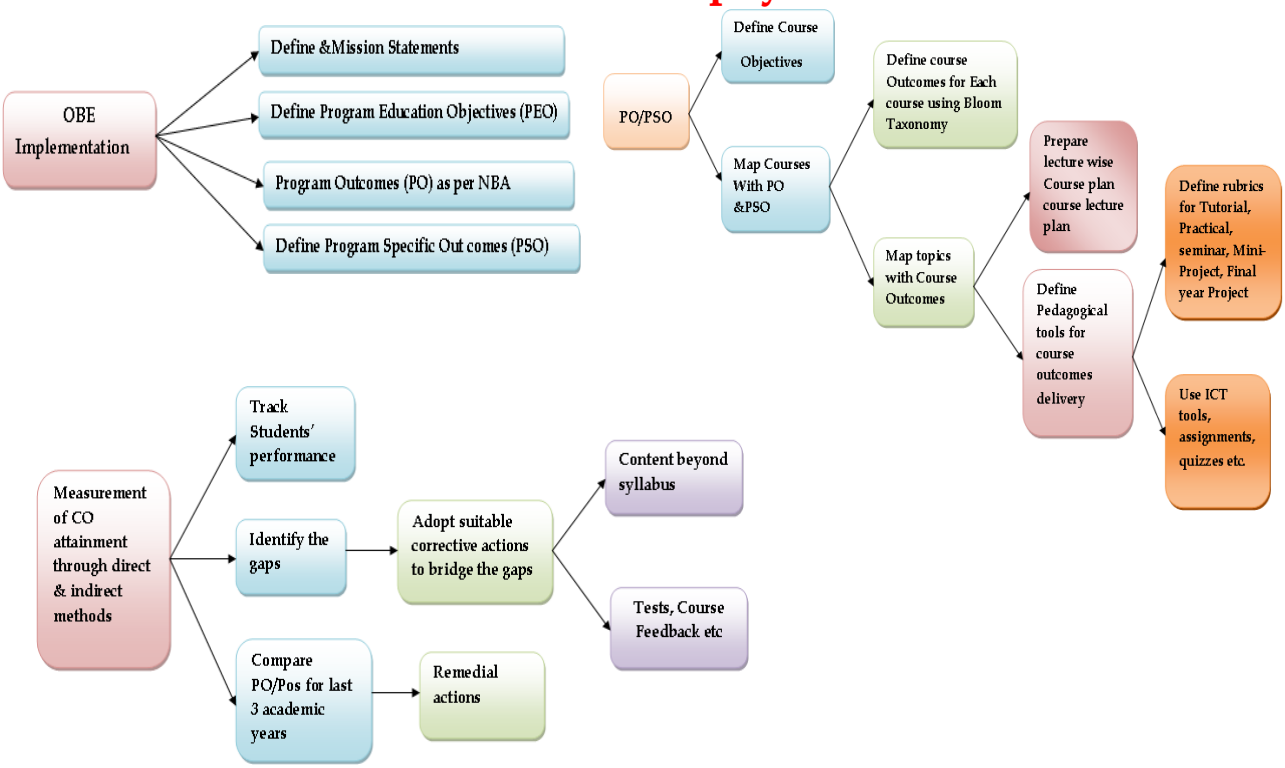
OBE based Evaluation

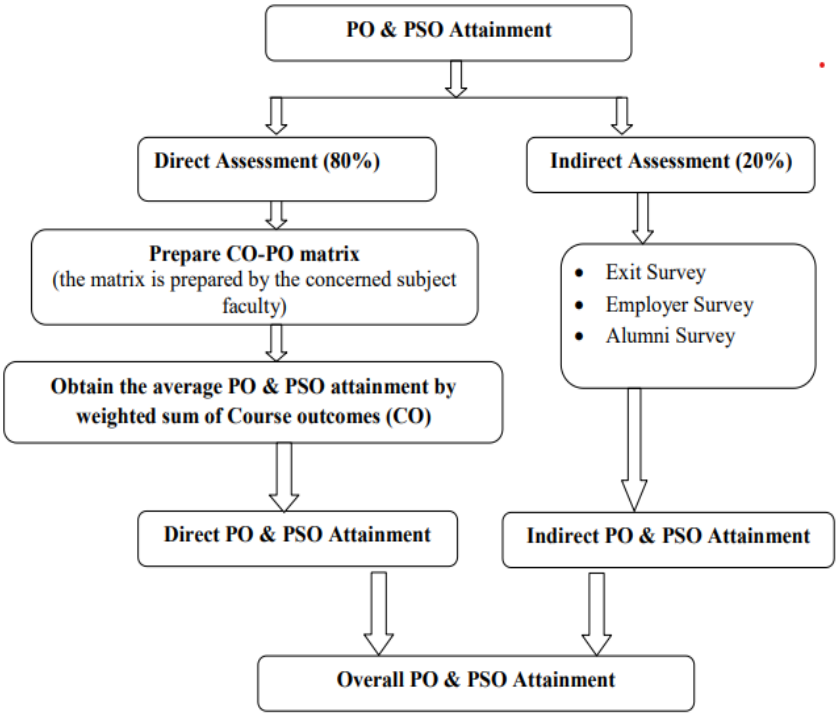
1. Preparing Question papers based on Table of Specifications (question papers must be set aiming at higher order cognitive levels)
2. Calculating Course Outcome Attainments (COAL) and Cognitive Domain Attainment Level (CDLL)
3. Calculating Program Outcome Attainment and Program Specific Outcome Attainments
4. Calculating Program Educational Objectives attainment
5. Adjusting PO targets if required for the next academic year after thorough discussion in BoS and DAAC.

Flowchart indicating the process for defining PEOs, POs & PSOs



OBE Philosophy





INSTITUTE OF TECHNOLOGY & SCIENCE ★ KAKATIYA
KITS WARANGAL

PRINCIPAL

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