



Velagapudi Ramakrishna Siddhartha Engineering College

Autonomous, Affiliated to JNTU Kakinada
Kanuru, Vijayawada 520007



IQAC &

Department of Computer Science and Engineering

REPORT OF WORKSHOP

on

OBE PARAMETERS, ASSESSMENT & EVALUATION

08th NOVEMBER 2019

Under AICTE Margdarshan

The Department of Computer Science and Engineering, V R Siddhartha Engineering College has successfully organized a Workshop on “OBE PARAMETERS, ASSESSMENT & EVALUATION” on 8th November 2019 under AICTE MARGDARSHAN.



VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE
(AUTONOMOUS) SPONSORED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION, VIJAYAWADA-520007, A.P.



Welcome's

One Day Workshop on

“OBE PARAMETERS, ASSESSMENT & EVALUATION”

UNDER AICTE MARGDARSHAN

8th November, 2019

Organized by : IQAC Cell & Department of CSE

Outcome-based education(OBE) is an educational theory that bases each part of an educational system around goals (outcomes). By the end of the educational experience, each student should have achieved the goal. There is no single specified style of teaching or assessment in OBE; instead, classes, opportunities, and assessments should all help students achieve the specified outcomes. The role of the faculty adapts into instructor, trainer, facilitator, and/or mentor based on the outcomes targeted.

The main objective of this workshop is to provide an orientation to the faculty members on preparing a learning plan especially on framing the intended learning outcomes, designing the teaching learning activities, and designing the assessment activities. The workshop also provides an overview about the new outcomes-based education instrument for accreditation.

Professor Syed Sameen Fatima, Former Principal, College of Engineering, Osmania University and currently an Adjunct Professor in the Department of CSE at Osmania University has acted as the Chief Guest and one of the resource person for this workshop. Dr A V Ratna Prasad, Principal, V R Siddhartha Engineering College and AICTE Margdarshak is one of the resource persons for this workshop.

A total of 95 participants belonging to various departments, including 31 from external colleges have attended this program



The inaugural session was hosted by Dr D Rajeswara Rao garu, Head of the Department, CSE and Chief Coordinator, AICTE Margdarshan scheme along with Dr A V Ratna Prasad and Prof S Sameen Fatima

During the first session, which was handled by Dr A V Ratna Prasad, he provided a brief overview of the different parameters related to OBE such as Institute Vision, Mission, Department Vision and Mission, Program, Module, Course, Unit as well as Cumulative Grade Points Average (CGPA), Choice Based Credit System (CBCS), Formative Assessment –Internal Continuous Assessment (ICA) and In Semester Examination (ISE) and Summative Assessment –End Semester Assessment (ESE). He also shared standards required for Accreditation. According to him, Accreditation is an endorsement of how good key terms expectations are satisfied. OBE should be implemented with keeping clear picture of end in the mind, setting educational goals through curriculum and proper process in meeting those set goals. OBE inculcates knowledge, skills and behavioural aspects in students. He relates Teaching-Learning and make aware of difference between Output and OBE. Key constituents of OBE are Course Outcome (CO), Program Outcome (PO), Program Educational Objectives (PEO), Vision and Mission and mapping among them. SWOC Analysis is a powerful tool for defining CO's, PO's, PEO's etc.



The next sessions are handled by Prof Sameen Fatima, started with the importance of Accreditation in the Global Competition. In this dynamic world of students and education, OBE forms the heart of CO's and PO'S. She also shared various real life examples and real life roles as learner and thinker, listener and communicator, implementer and performer, problem finder and solver, planner and designer, creator and producer, teacher and mentor, supporter and contributor, team member and partner, leader and organizer. She also throws light on Bloom's Taxonomy. Various guidelines for forming

CO's and strength of mapping them with Vision Mission Outcomes (VMO's). CO's for seminar, Project/mini project, co-curricular activity/assigned task etc. She also shared with us REVISED Bloom's Taxonomy Action Verbs, for writing CO's.



In the next sessions, she discussed about the OBE implementation, attainment of CO's, PO's through survey, MOODLE etc. Rubrics term introduced which is the set of rules for measuring learning outcomes. She shared example as rubrics can be framed for seminars, project evaluation, teaching methodology etc, its evaluation. She also shared OBE related publications. PO's can be classified as soft and hard PO's ie. soft PO's includes arranging workshop, Industrial training, Industrial visit, Guest lecture, Arranging technical events, Hardware software design contest, Paper Presentations, Quiz, Use of ICT Tools, NPTEL Videos, MOOCs etc. She gave activity for all staff members to map CO's and PO's. She explains various methods for CO -PO -PSO Attainment, result Analysis etc.



In the valedictory session, certificates were distributed to the participants and the session was closed with Vote of Thanks being provided by the coordinator.



