



ACHARYA INSTITUTE OF TECHNOLOGY INTERNAL QUALITY ASSURANCE CELL

REPORT

INITIATIVE:	WORKSHOP ON NBA AND OBE
DATE:	15th and 16th December 2018
RESOURCE PERSON(s):	Dr. GURUPRASAD PROFESSOR, ISE, BMSCE, BENGALURU
NO. OF PARTICIPANTS:	250

1. INTRODUCTION:

Outcome-based education or **outcomes-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 National Board of Accreditation (NBA), India was initially established by the AICTE (All India Council of Technical Education) under section 10(u) of AICTE Act, in the year 1994, in order to assess the qualitative competence of the programs offered by educational institution from diploma level to post-graduate level in engineering and technology, management, pharmacy, architecture and related disciplines, which are approved by AICTE.

NBA came into existence as an independent autonomous body with effect from 7th January 2010 with the objectives of assurance of quality and relevance to technical education, especially of the programs in professional and technical disciplines, i.e., Engineering and Technology, Management, Architecture, Pharmacy and Hotel Management and Catering Technology, through the mechanism of accreditation of programs offered by technical institutions. The Memorandum of Association and Rules of NBA were amended in April 2013, to make it completely independent of AICTE, administratively as well as financially. The NBA conducts evaluation of programs of technical institutes on the basis of laid down norms. This may include, but not limited to institutional missions and objectives, organization and governance, infrastructure facilities, quality of teaching

and learning, curriculum design and review, support services (library, laboratory, instrumentation, computer facilities, etc.) and any other aspect as decided by the General Council and / or Executive Committee of NBA, which will help the graduates produced by the institutions as per industry requirements. Over the period of its existence, the NBA has introduced a new processes, parameters and criteria for accreditation that are in line with the best international practices and oriented to assess the outcomes of the programme. Acharya Institute of Technology and the Internal Quality Assurance Cell with aim to sensitive the faculty of the Institute organised the one day workshop on NBA and OBE.

This Workshop was organised on account of highly positive feedback from faculty of AIT. The workshop included faculty from sister concerns of Acharya Institutes.

2. OBJECTIVES:

2.1 To provide faculty of AIT insights into the documentation and requirements for NBA Accreditation process.

2.2 To sensitize and provide awareness among all faculty regarding the importance and practises in Outcome Based Education.

2.3. To provide practical exposure to calculation of Course Outcomes, Program Outcomes, Program Specific outcomes and their importance.

3. PROGRAM FLOW:

3.1 On the first day at 9.30AM, he explained that a mere documentation will not get the accreditation but a quality work will drive documentation and accreditation. Quality work must be initiated happily and it should be department centric. There are 12 programme Objectives as initiated by NBA which are also called as graduate attributes in Washington accord. Out of this, five are technical and seven are not technical or based on skills.

3.2 In the second session, at 11.30 AM, he discussed on how to write a CO and stated that a course must have at-least four to five COs and it should always start from higher level to lower level. COs should be finalised by three to four senior faculty members in the department who is comfortable with the subjects. Once is it finalised, faculty members need to justify the same whenever it is assessed.

3.3 In the afternoon at 2.30PM, he started explaining how to design effective Cos and compute CO attainment. And also taught how to map COs with POs using cricket personalities examples.

3.4 On second day morning (16.12.2018)at 9.30AM, he discussed about PSOs and how to map CO, PO and PSOs. In the afternoon he discussed about the rubrics for assignments, internships and for the final semester projects. He has also explained how to construct activities to map some of the POs if they are not mapped to any COs. He has suggested to have a proof for every activity conducted in the department along with the feedback and the feedback need to be analyzed for its impact. Also suggested to conduct workshops and take feedback to map some COs and POs on continuous learning and ethics.

3.5 The session ended at 5.00PM with the feedback from the participants and vote of thanks by Dr Ramesh Hegde, HOD MCA. Later, all five department HODs going for NBA accreditation process, sat with Dr Guruprasad S, Campus director Dr Diwakar Goli and Dr Prakash MR, Principal AIT to set strategy to complete the SAR before 15th Jan 2019. HODs felt that the session should have been made compulsory to all other departments as it is very useful to everybody.

4. PHOTOGRAPHS



5. OUTCOMES:

5.1 The faculty were able to prepare for documentation required for NBA accreditation process.

5.2 The faculty were able to explain the importance of Outcome Based Education and also demonstrate OBE in their Teaching Learning Process.

5.3 The faculty were able to define Course Outcomes, Map them with Program Outcomes and Program Specific outcomes and also calculate the attainment with ease.

PRINCIPAL