

⋮

Index

5. Focus on Outcome based education (OBE):

- i. Describe the institutional initiatives to transform its curriculum towards Outcome based Education (OBE)?**
- ii. Explain the efforts made by the institution to capture the Outcome based education in teaching and learning practices.**
- iii. Describe any good practice/s of the institution pertaining to the Outcome based education (OBE) in view of NEP 2020.**

Institutional Preparedness for NEP 2020

i. Describe the institutional initiatives to transform its curriculum towards Outcome based Education (OBE)?

The institute adopts following standard procedure of Attainment (CO-PO-PSO) to transform curriculum towards Outcome based Education (OBE).

Following Process is adopted for designing the program curriculum

STEP 1: Design of curriculum by subject experts in the department (through brainstorming and using website data)

STEP 2: Designed curriculum is finalized in CDW.

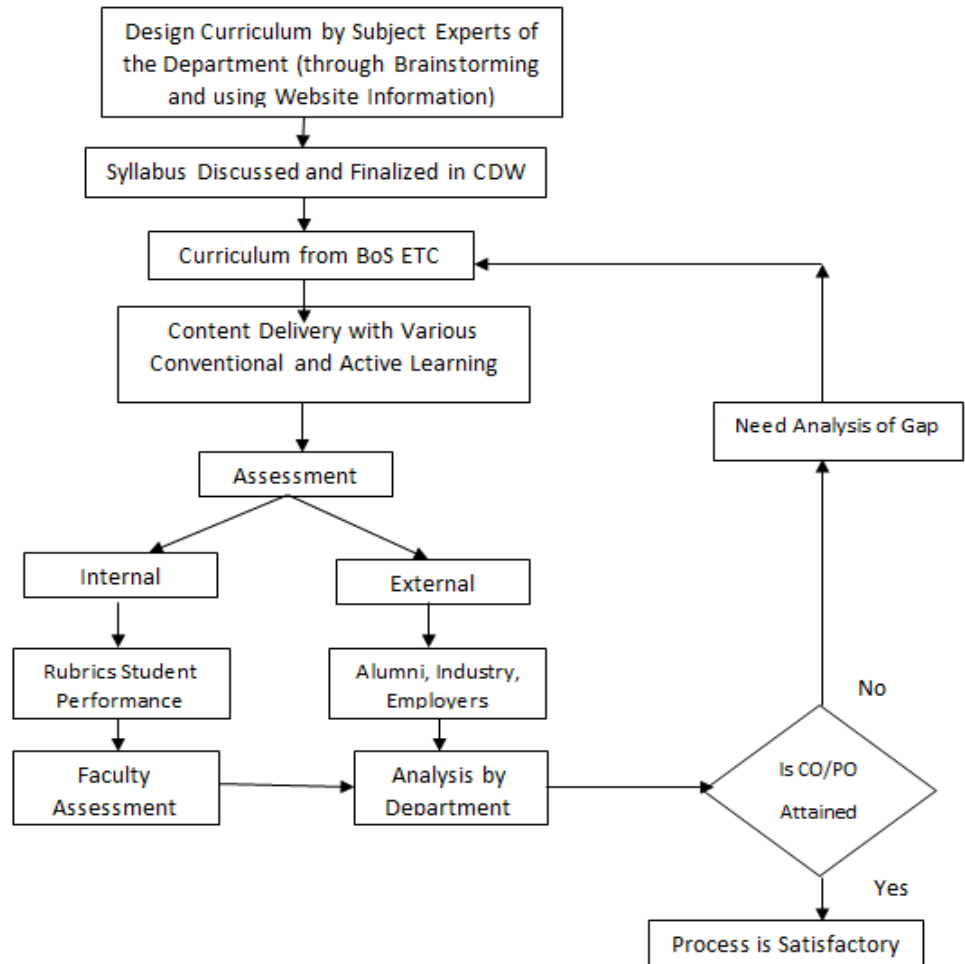
STEP 3: Curriculum is approved in BoS.

STEP 4: Final Curriculum is submitted to Academic Council.

STEP 5: For changes in Curriculum, Agenda of BoS is circulated in advance to the Faculties and Suggestions are invited for the desired changes in syllabus based on feedback received from various stake holders.

STEP 6: Changes and suggestions placed in BoS Meetings

Transforming curriculum towards Outcome based Education (OBE):



ii. **Explain the efforts made by the institution to capture the Outcome based education in teaching and learning practices.**

Following activities were conducted by institution to capture the Outcome based education in teaching and learning practices.

Sr No	Activity	Dates/Duration	Remarks	
1	Reframing of articulation Matrix & Blooms Taxonomy, Measures of Students Awareness	August 2022	Departmental Brainstorming session	
2	SDP On "Intricacies in selection of Engineering Projects and its Tangible Outcomes"	22/07/2022 to 26/07/2022	240 Participants	
3	Review Meeting on Impact analysis of Action Taken	Department wise May 2022.		
4	Assessment of faculties through OBE Exam	December 2022	195/238/ Passed	
5	NPTEL course (12 week) "NBA Accreditation and teaching learning in Engineering"	January to April 2023	106 faculties Qualified	
6	OBE Practices, Attainment process and ATR (In the view of NBA Visit)	ME	2/12/22 and 16/5/2023	27 24
		CSE	24/11/22	22
		FY	24/11/22 and 27/2/23	22 27
		EL	29/9/2022	38
		IT	14/02/2023	14
		All dept	29/09/2022	26
7	PQAI -Project Quality Assurance Initiative	December 2022 and April 2023	All departements	

iii. Describe any good practice/s of the institution pertaining to the Outcome based education (OBE) in view of NEP 2020.

The various OBE related Good practices adopted at YCCE in view of NEP 2020 are as discussed below.

1. Interdisciplinary and Multidisciplinary projects

2. Cornerstone Project: The purpose of the cornerstone projects is to introduce the students to their future professional role as engineers. The project spans may be First year or can be extended up to final year. The primary aim is to teach methodology and to enable the students to practice and improve teamwork skills and Project Based Learning.

Each team (Max 3 students) is assigned one faculty member. In this project phase the students are assigned individual roles such as project leader, student responsible for external contacts, student responsible for documentation, etc.

Each team is assigned the task/problem definition of an innovative product/services that satisfied a particular need specified by the mentors.(Problem definition can be given by students also)

3. Project Quality Assurance Initiative (PQAI) : This activity is planned and conducted for overall improvement of the Quality of Projects, so that tangible outcomes can be targeted through Qualitative Assessment of project

4. Campus Recruitment Training (CRT): An Exclusive training program of 45 days for final year students provides detail insight about preparedness for placement activity.

5. YCCE Eagles : “Eagles of YCCE” project will consist of students from 1st year, selected through a 3-level selection process. All students admitted to first year of YCCE will be eligible to participate in this selection process. These selected students of YCCE will become the Eagles of YCCE who will undergo a free of cost 400 plus hours specialized training apart from their regular academics. This training

will prepare them for getting placements in dream global companies with high salary packages.

This specialized training will be mainly divided into following three levels :

- 1) Foundation Training
- 2) Technical Skills training (IT)
- 3) Industry Specific training.

This training will be imparted by expert trainers and will be monitored and assessed by experienced senior faculties, industry experts and reputed agencies.



Nagar Yuwak Shikshan Sanstha's

Yeshwantrao Chavan College of Engineering

(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongari, Nagpur-441110

NAAC Accredited with 'A++' Grade

Ph. : 07104- 295083, 295085

Website : www.ycce.edu , Email : principal@ycce.edu

Declaration by the Head of the Institution

I hereby declare that the data, information and support documents attached herewith are genuine and correct to my knowledge.

Dr. U.P. Waghe
Principal
Principal

Yeshwantrao Chavan
College of Engineering
Wanadongri Hingna Road,
NAGPUR-441110

