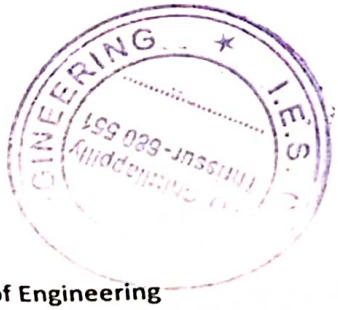
1.4.1 – Institution obtain feedback on the syllabus and its transaction at the institution from the following stakeholders students Teachers Employers Alumini

Process involved in the identification of Curricular Gap:

The gaps in the curriculum are identified by conducting surveys to collect data from the Alumni, senior academicians, course handling faculty and from the Industry/Employer. The details related to this send to university by e-mail. As a response, the university circulated a Google form in which questionnaire on revision was included. In addition to this, meetings related to this were conducted by the university, with the college authorities. Remedial actions are proposed by analyzing the collected data to bridge the gap in the syllabus. The process involved in the identification of the curricular gap is shown in the following.



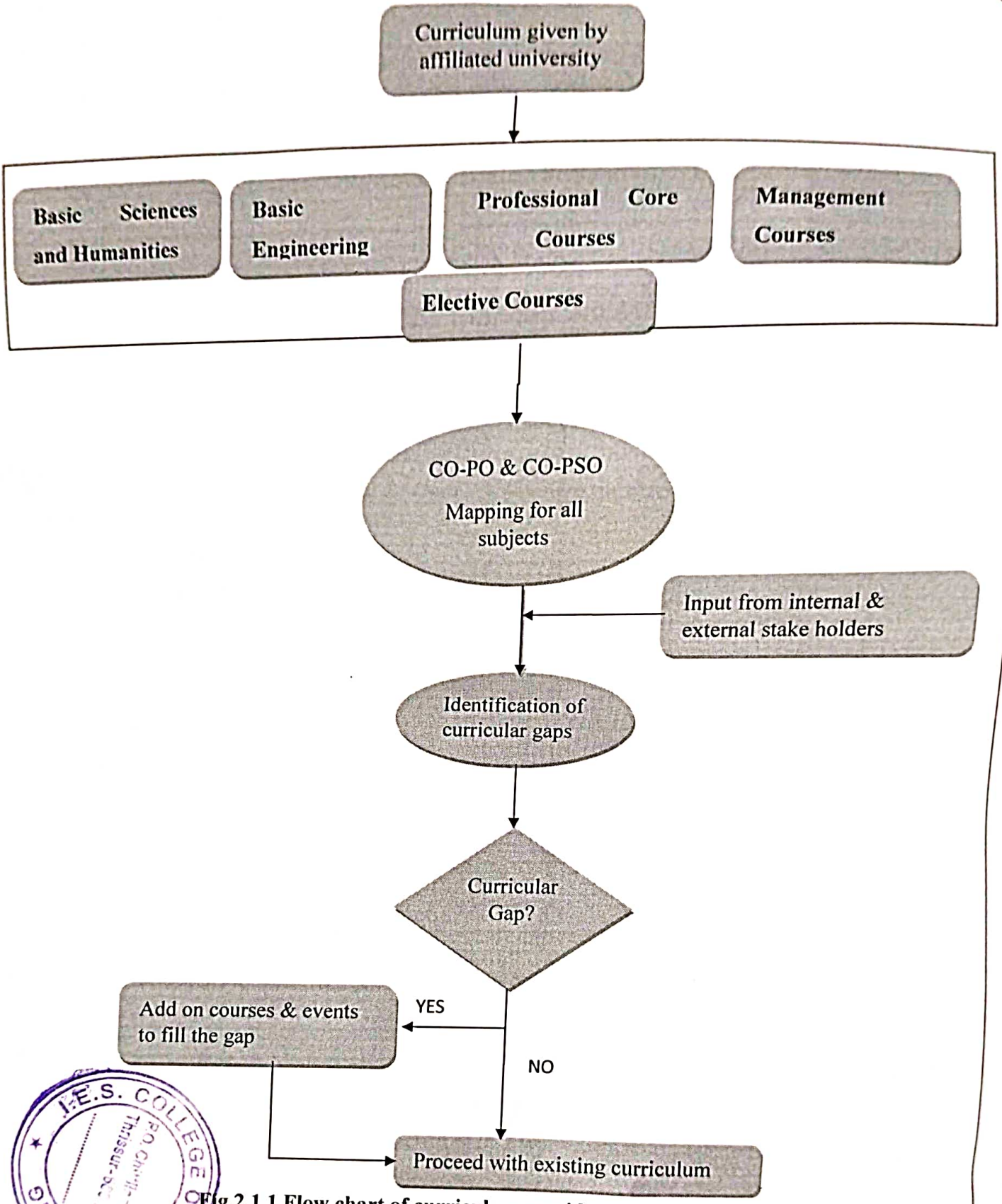


Fig.2.1.1 Flow chart of curriculum gap identification

1. Alumni Survey

- Measures the degree to which past students achieved program level learning outcomes
- Overall satisfaction with the program
- Information on current profession
- Typically collected once in a year

2. Industry/Employers Survey

- Provides general information on current industry trends
- Desirable qualities of engineering graduates
- Overall perceptions of program quality
- Strengths and expectations from the graduates
- Collected once in a year.

3. Senior Academicians/Course handling faculty

- Provides general information on the quality of the program
- Satisfaction with curriculum
- Collected as and when required

4. CO-PO Mapping

- Faculty mapping their own subject course outcome with the program outcomes.
- Program coordinator or DAB oversees the CO-PO mapping

From the mapping, the PO's that are inadequately mapped with the course outcomes and topics are identified as "poorly addressed" PO's. The attributes of poorly addressed PO's are identified as curricular gaps.

UNIVERSITY CURRICULUM

The Process used to identify the extent of compliance of the University curriculum for attaining the Program Outcomes (POs) and Program Specific Outcomes (PSOs) is described below.

- The program curriculum is categorized into various streams like Basic sciences, Basic engineering courses, Professional core courses, Management & humanities and Elective courses.
- Subjects in each stream are identified.
- Course outcomes (COs) are defined for all the subjects.
- COs are mapped with POs and PSOs.

IES COLLEGE OF ENGINEERING, CHITTILAPPILLY
DEPARTMENT OF CIVIL ENGINEERING
ALUMNI SURVEY

Name of the alumni	LESLIN C S	**Reg. No.**	IES16CE017
Branch	CE		
Year of graduation	2020		
Address	Cheruvathoor House, Attore, P.O Kuttur, Thrissur- 680013		
E-mail/Phone No.	leslinshajan1998@gmail.com		
Professional Details			
Organizational Name & Address	Paulose George Construction Company		
Designation	Senior Site Engineer		
Year of Joining	Jul-24		

PO/PSO	Overall, Are you satisfied with :	Excellent	Very good	Good	Average	Poor
PO1	The development of knowledge and furtherance of the key learnings in the basic domains	✓				
PO2	The relevance of the skills acquired to solve job related problems in the engineering arena	✓				
PO3	The experience gained to design and develop products	✓				
PO4	The mentoring received for conducting investigative projects to solve technical and social problems		✓			
PO5	Knowledge gained with reference to familiarization of new technology and its applications		✓			
PO6	The development of centres of excellence that addresses various societal and technical issues			✓		
PO7	The encouragement provided to attain solutions to civic and environmental concerns			✓		
PO8	Inculcation of ethical and professional values			✓		
PO9	Guidance received for development of leadership skills		✓			
PO10	Opportunities to engage with the engineering community and society			✓		
PO11	Training provided to effectively manage work and interact with colleagues and authortities		✓			
PO12	Motivation received to pursue lifelong learning to achieve personal and professional growth		✓			
PSO1	Ability to demonstrate sound knowledge in the aspects of design, analysis and can conduct investigations of Civil Engineering with an emphasis to geotechnical engineering		✓			
PSO2	Exhibit a broad understanding of environmental, societal, health and structural issues in infrastructural development	✓				
PSO3	Ability to involve in life-long learning and pursue research in the areas of Civil Engineering	✓				

Suggestions:	
Relevance of Curriculum in your Job:	
Need any change in curriculum and syllabus:	Need more practical learning experience

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Signature

IES COLLEGE OF ENGINEERING, CHITTILAPPILLY
DEPARTMENT OF CIVIL ENGINEERING
EMPLOYER SURVEY

Thank you for taking the time to fill out this questionnaire. All the informations will be kept confidential and this survey is intended to assist department of Civil Engineering, IES College of Engineering, Thrissur for preparing students for the work environment and industry needs.

Name of the Employer		Arya V Reghu
Designation		Project Engineer
Company/ Industrial details	**Company Name & Address**	Bethel Engineers, one way junction, Pazhajhi- 680502 , Kunnamkulam, Thrissur
	E-mail id	jacob.j.25@gmail.com

PO/PSO	**Overall, Are you satisfied with the accomplishment /capability levels of the employee in the following categories:**	**Excellent**	**Very good**	**Good**	**Average**	**Poor**
PO2, PO3, PO4,PO6,PO8	Understanding professional engineering solutions for sustainable development and their applications,concurrently imbibing an ethical responsibility towards the ecosystem, and an attitude to serve society & humanity at large.	✓				
PO5,PO12	Demonstrate a quest for perpetual self learning as well as engage in research through relevant, worthy inquiries and seek collaborative opportunities that enhances expertise.		✓			
PO1,PO7	Knowledge of fundamental Skills and logical reasoning to identify problems and the capability to analyse and quantify results and inegrate it with mathematical and engineering models.		✓			
PO9,PO10	Engage in effective communication that nurtures profesional and social networks and taking the initiative to liasion with internal and external personnel and entities in multidisciplinary ambits, streamlining processes and attaining positive outcomes.	✓				
PO11	Enabling successful functioning of multidisciplinary teams,through expertise in diverse management strategies and possession of leadership skills that concurrently connect it to design sustainable engineering solutions and further, convert these into opportunities.	✓				
PSO1	Conversant with the relevant emerging trends in the domain and further, the ability to integrate it with the demands of the work place		✓			
PSO2	Display needed expertise, as the gap in the program curriculum has been identified and addressed .		✓			
PSO3	Ability to involve in life-long learning and pursue research in the areas of Civil Engineering	✓				

Jacob Job K, Managing Director, Bethel Engineers

Signature

BETHEL

IES COLLEGE OF ENGINEERING, CHITTILAPPILLY
DEPARTMENT OF CIVIL ENGINEERING
PROGRAM EXIT SURVEY

NAME: Shabnam A.A BATCH: 2021 – 2025

REG.NO. : IES21CE022

You are hereby informed to rate the following:

PO/PSO	Overall, Are you satisfied with :	Excellent	Very good	Good	Average	Poor
PO1	Basic knowledge in mathematics, science, engineering and humanities	✓				
PO2	Ability to identify, formulate, review research literature, and analyze complex engineering problems		✓			
PO3	Design / development of engineering solutions,components or processes	✓				
PO4	Use of research based knowledge and research methods		✓			
PO5	Demonstrate the ability to apply advanced technologies to solve contemporary and new problems	✓				
PO6	Awareness to apply engineering solutions in health, safety, legal and cultural issues		✓			
PO7	Understanding professional engineering solutions in societal environmental contexts	✓				
PO8	Ability to apply ethical principles and commit to professional ethics		✓			
PO9	Ability to function effectively as an individual,team memeber or a leader	✓				
PO10	Able to communicate effectively with the engineering community and with the society at large		✓			
PO11	Demonstrate knowledge and understanding of the engineering and management principles	✓				
PO12	Ability to engage in independent and life-long learning to implement constructive changes	✓				
PSO1	Ability to demonstrate sound knowledge in the aspects of design, analysis and can conduct investigations of Civil Engineering with an emphasis to geotechnical engineering	✓				
PSO2	Exhibit a broad understanding of environmental, societal, health and structural issues in infrastructural development	✓				
PSO3	Ability to involve in life-long learning and pursue research in the areas of Civil Engineering	✓				

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Signature of the student