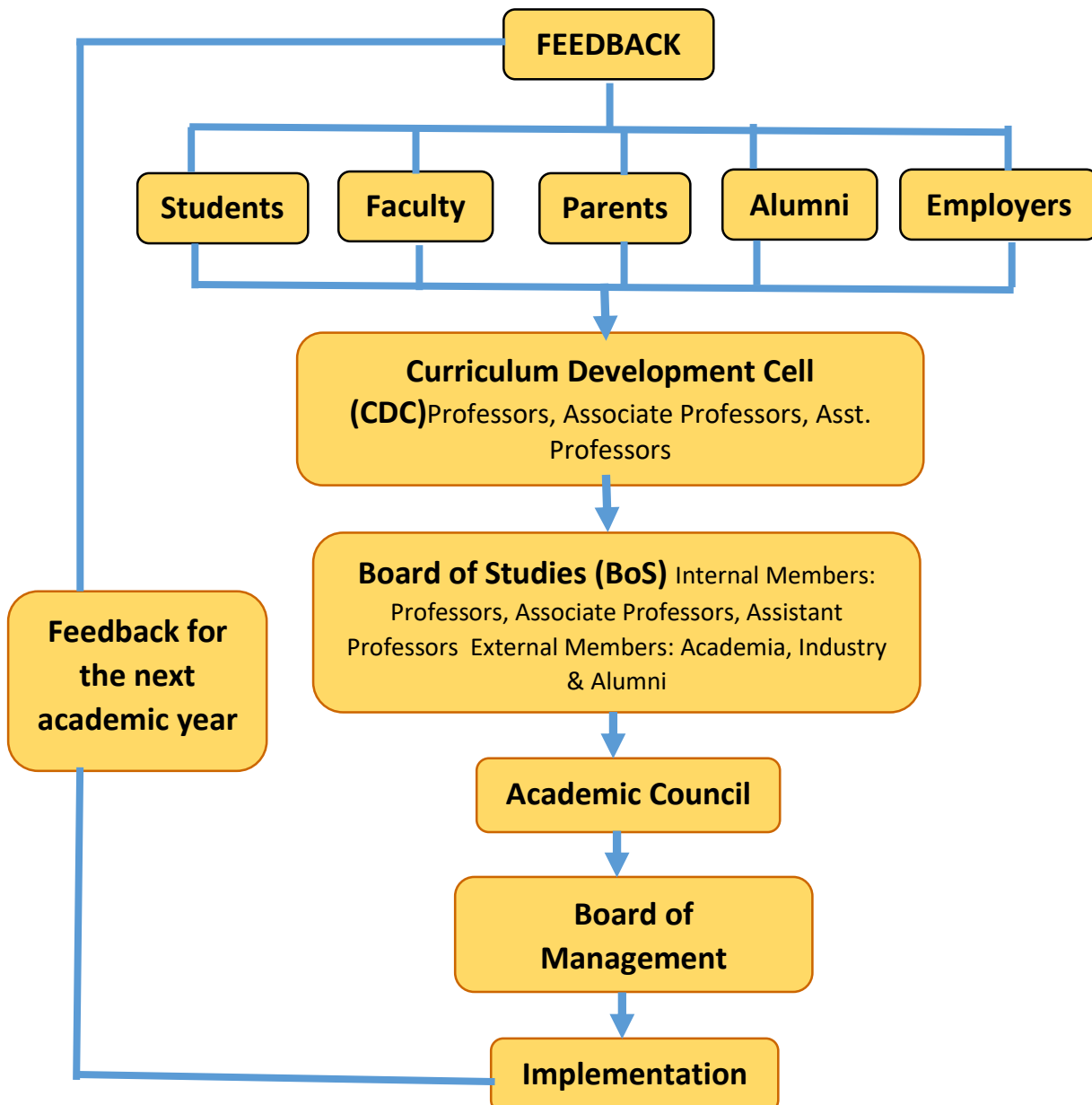# PROCESS ON CURRICULUM DESIGN

In order to enrich the curriculum and syllabi, statutory meetings like Board of Studies, Academic Council and Board of Management are conducted twice a year. During this enrichment process, feedback on the curriculum & syllabi from various stakeholders like students, faculty members, parents, alumni and employers are obtained through structured feedback forms. Based on the feedback, Curriculum Development Cell (CDC) will analyse and consolidate the changes required in the courses and syllabi.

The CDC minutes which highlights the changes incorporated based on the feedback analysis report will be presented in the Board of Studies (BoS) meeting. BoS will thoroughly scrutinise the entire curriculum & syllabi and carryout the necessary changes in the curriculum & syllabi.

The HoDs concerned will present the salient features of the proposed changes in the curriculum and syllabi and move the resolutions in the Academic Council. The suggestions given by the Academic Council will be incorporated by the HoDs and the minutes of the Academic Council will be presented to the Board of Management for review and approval. The process flow chart is given below.

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                        ┌──────────────┐
                        │   FEEDBACK   │
                        └──────────────┘
                               │
   ┌──────────┬──────────┬─────┼─────┬──────────┐
┌────────┐ ┌────────┐ ┌────────┐ ┌────────┐ ┌────────────┐
│Students│ │Faculty │ │Parents │ │ Alumni │ │ Employers  │
└────────┘ └────────┘ └────────┘ └────────┘ └────────────┘
                               │
                   ┌───────────────────────┐
                   │ Curriculum Development │
                   │ Cell (CDC) Professors, │
                   │ Associate Professors,  │
                   │    Asst. Professors    │
                   └───────────────────────┘
                               │
                   ┌───────────────────────┐
   ┌───────────┐   │ Board of Studies (BoS)│
   │Feedback for│  │  Internal Members:    │
   │  the next  │  │ Professors, Associate │
   │academic year│ │ Professors, Assistant │
   └───────────┘   │ Professors External   │
                   │ Members: Academia,    │
                   │ Industry & Alumni     │
                   └───────────────────────┘
                               │
                   ┌───────────────────────┐
                   │   Academic Council    │
                   └───────────────────────┘
                               │
                   ┌───────────────────────┐
                   │  Board of Management  │
                   └───────────────────────┘
                               │
                   ┌───────────────────────┐
                   │    Implementation     │
                   └───────────────────────┘
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Department of Electrical Technology
Electrical and Electronics Engineering

FEEDBACK FORM ON PO AND PSO

Program Outcome (PO) of the University and Program Specific Objective (PSO) of the EEE department are listed below. Indicate in the table below, how much percentage of each Program Outcome (PO) and Program Specific Objective (PSO), according to you is achieved by you.

Program Outcomes (POs) as identified by National Board of Accreditation (NBA), India are what the graduates of an undergraduate engineering program should be able to do at the time of graduation. The POs are discipline non-specific.

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. **Problem analysis**: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. **Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations

4. **Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. **Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

6. **The engineer and society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. **Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. **Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10. **Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. **Project management and finance**: Demonstrate knowledge and understanding of the Engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. **Life-long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OBJECTIVES (P.S.O) of EEE Department

1. Provide solid foundation in mathematical, scientific and engineering fundamentals which is required to solve electrical and electronics engineering problems. .

2. Specify, architect, analyze and design the systems that efficiently generate, transmit, distribute, convert and utilize electric power.

3. Understand, analyze, simulate and design the electrical machines, modern electrical drives, modern lighting systems, energy systems and automation of systems and to determine their performance through testing.

4. Specify, analyze, design, implement and test the analog and digital systems using the state of art components, software tools and ICT.

PO & PSO Achievements in %

PO1	PO2	PO3	PO4	PO5	PO5	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4

Name of the student   :

Register no. of the student:

Signature of the student   :

Karunya Institute of Technology and Sciences
(Deemed to be University)
CENTRE FOR PLACEMENT & TRAINING
Karunya Nagar, Coimbatore 641 114

FEEDBACK FROM CORPORATES
PERFORMANCE OF STUDENTS FROM KARUNYA UNIVERSITY

1. **Name of the Company: M/s**
2. **Nature of the Company** – IT / ITES / Manufacturing / Service / Construction
3. Please rate the **Overall Performance** of our students as per the following parameters:-

Technical Skills

	Factors	Excellent	Good	Average	Below Average
A	General Aptitude				
	Technical Aptitude				
	Application Oriented Skills				
	Basic Technical Knowledge				

Soft-Skills

	Leadership Qualities				
	Professional Knowledge				
	Result Orientation				
	Creativity				
B	Attitude				
	Communication Skills				
	Interpersonal Relationship				
	Team Building				
	Self Development				

4. Kindly Indicate if you have any other additional feed-back to offer :-
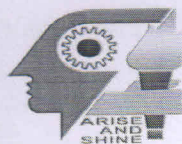
_____
_____
_____
_____

Signature: _____

Name: _____

Designation: _____

Mobile Number: _____

Date: _____

Karunya University

(Karunya Institute of Technology and Sciences)
Declared as Deemed-to-be University under section 3 of the UGC Act, 1956
Karunya Nagar, Coimbatore - 641114, Tamil Nadu, India

School of Electrical Technology

Electrical and Electronics Engineering

Feedback from Parents

Name: Mr/Mrs/Ms._____ Sex(M/F): ____

Education: _____ Occupation: _____

Address: _____

_____

Student Name: _____ Reg. No: _____ Department :_____

Vision,Mission,PEO's	
Vision:	Enlightening the young mind Energizing the society at large Embarking on greater venture
Mission:	The mission of the Department of Electrical and Electronics Engineering under the School of Electrical Sciences greatly has a focus on the following key result areas in order to raise engineers and researchers with high quality technical expertise, professional attitudes, ethical values and the ability to apply acquired knowledge to have a productive career, empower spiritually to serve humanity.
PEO's:	I. Graduates will have become a successful professional in government sectors, power, energy and multi disciplinary industries either as an employee or an entrepreneur. II. Graduates will have become effective researchers and academicians, leading or participating in efforts to address social, technical and business challenges in an ethical manner. III. Graduates will have engaged in life-long learning and professional development through self – study, continuing education in engineering, technology and management.

You are requested to answer and rate the following questions which would help us in improving the quality and services offered. The rating can be between 1 and 5.

Score 1: Very poor; 2: Poor; 3: Neutral; 4: Good; 5: Very Good

S.No	Questions	Rating
Curriculum		
1	The Curriculum of the course is well designed and promotes learning experience to the students.	
2	The Curriculum incorporates technical advancements in the relevant field of study.	
3	Does the Choice Based Credit System (CBCS) adapted in the Curriculum improve the academic flexibility?	
4	Employability is given focus in the curriculum design.	
5	Value Add programmes like Communication Skills/Soft Skills development are added in the Curriculum.	
6	The Institution provides for inter-institutional credit transfers.	
Teaching-Learning		
7	Does the department have adequate number of faculty to handle the course?	
8	Does the department have faculty experts in relevant field of study?	
9	Does the faculty cover the syllabus effectively for the course?	
10	Whether adequate technical guidance given to your ward for completion of Quality Assessment/Project Work	
11	Does the department have adequate library, laboratory and other infrastructure facility for the students?	
Students		
12	Does the department encourage the students to participate in Inter-Collegiate/Inter-Institutional Technical Fest?	
13	Do you receive relevant information like Attendance Percentage; Internal Test marks/Progress Report etc from the department?	
Mentoring		
14	Does the mentor of your ward offer a good mentoring?	
15	Does the mentor communicate to you often about the academic status of your ward?	
16	Does the mentor offer personal counseling to your ward when needed?	

Suggestions for further improvement:

_____

_____

_____

_____

_____

Signature of the Parent with Date

Karunya University

(Karunya institute of technology and sciences)
Declared as a Deemed to be University under sec. 3 of the UGC Act, 1956

ALUMNI FEED BACK

Dear Alumni,

We shall very much appreciate and be grateful to you if you can spare some of your valuable time to fill up this feedback form. It would help us in our efforts to contribute the best talent to the society in terms of qualified and morally upright engineers.

Name of the Alumni as per Karunya records: _____ **Reg.No:** _____

Course Studied (Tick the relevant) B.Tech/ M.Tech/ MCA/ M.Sc./ MBA/ M.Phil./ Ph.D: **Branch:** _____

IF PLACED-Company Name: _____ **Location:** _____ **Designation:** _____ **Salary per Annum:** _____

IF PURSUING HIGHER STUDIES-Institution Name: _____ **Location:** _____

Course: _____ **Specialization:** _____

Permanent Address: _____ **Communication Address:** _____

Pin Code: _____

Landline with STD Code: _____ **Email ID:** _____

Facebook Link: _____

Mobile No: _____

S.No	Assessment Criteria for Karunya University	Rating				
		5 (Excellent)	4 (Very Good)	3 (Good)	2 (Average)	1 (Needs Improvement)
1	Opportunity for improving communication skills	☐	☐	☐	☐	☐
2	Personality development and character building	☐	☐	☐	☐	☐
3	Attitudinal improvement (such as self-motivation, level of confidence)	☐	☐	☐	☐	☐
4	Ethical and social responsibilities	☐	☐	☐	☐	☐
5	Committed leaders of society to serve humanity	☐	☐	☐	☐	☐
6	Encouragement received towards higher studies and carrier enhancement	☐	☐	☐	☐	☐
7	Academic support extended by the faculty	☐	☐	☐	☐	☐
8	Mentoring offered to the students and follow-up	☐	☐	☐	☐	☐
9	Motivation for co-curricular and extra-curricular activities	☐	☐	☐	☐	☐
10	Exposure to industry/industrial visits	☐	☐	☐	☐	☐
	Total					

Any other comments or suggestions: _____

Signature:
Date: