ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE and affiliated to Anna University

(An ISO Certified Institution)
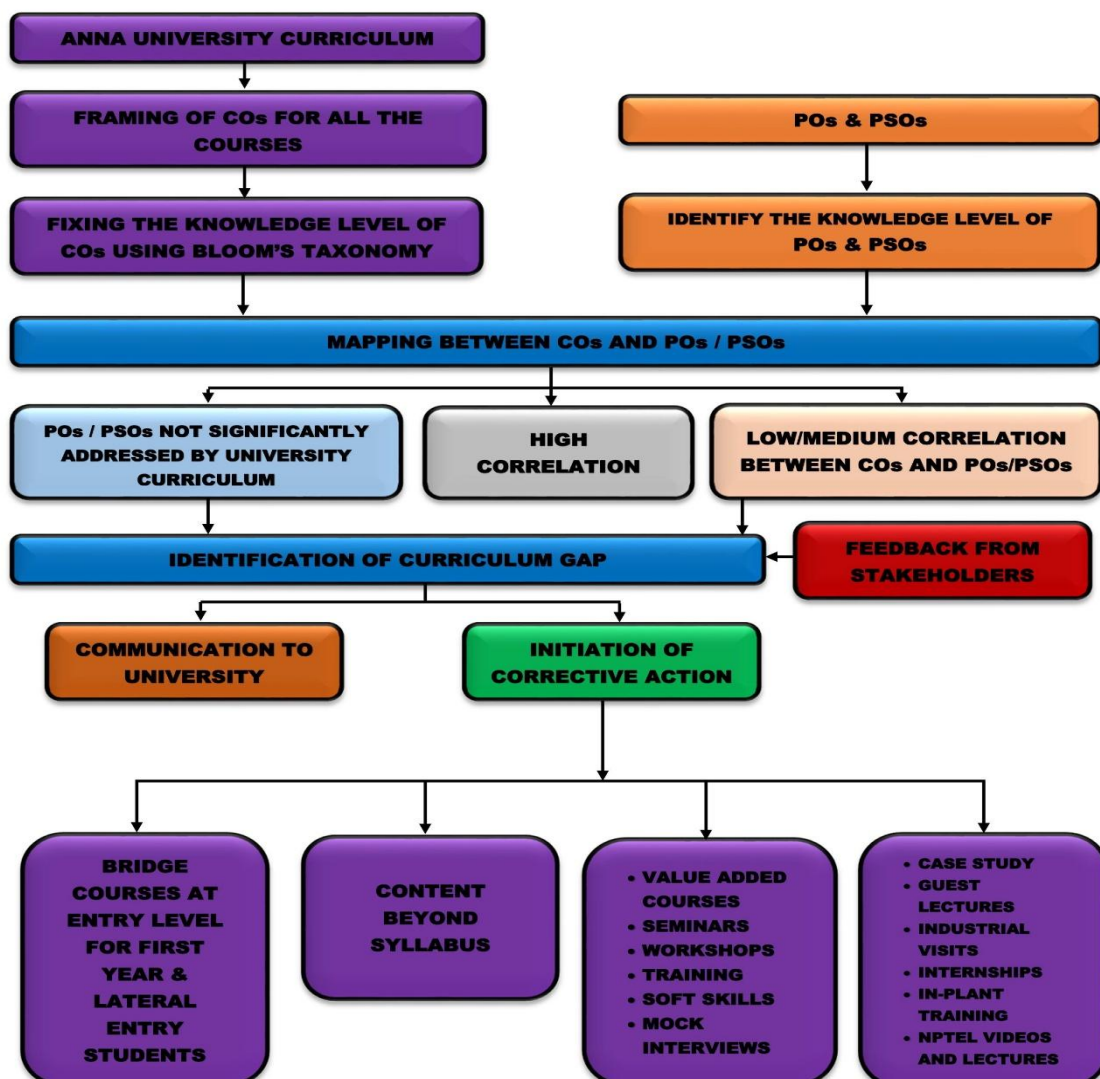
INDEX

1.1.1 The process of Curriculum Planning, delivery and assessment:

PRINCIPAL
Rohini College of Engineering & Technology
Anjugramam Kanyakumari Main Road,
Palkulam, Variyoor (P.O.) – 629 401
Kanyakumari District, Tamil Nadu.

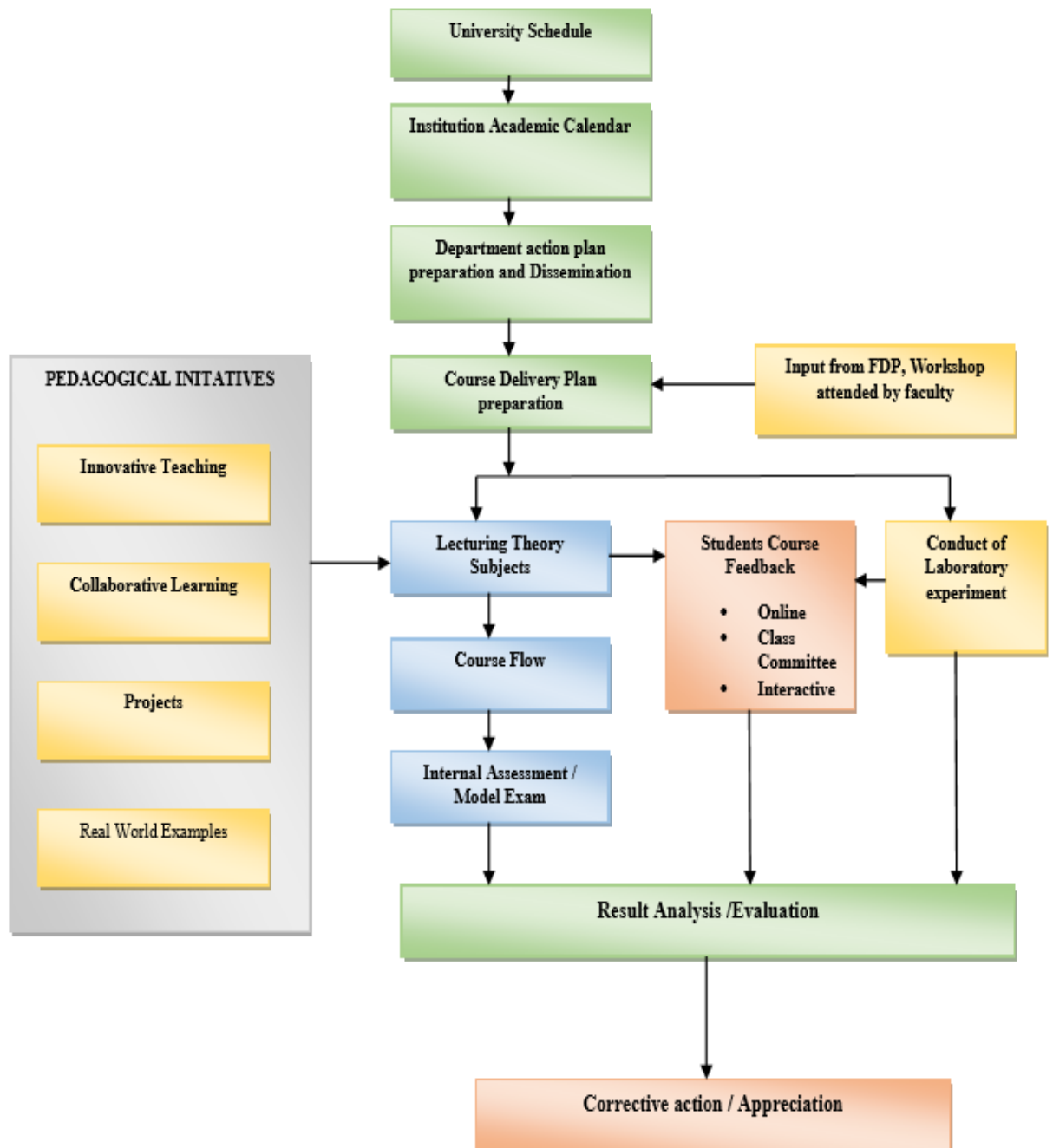**The process of Curriculum Planning:**

Rohini College of Engineering and Technology is affiliated to Anna University, Chennai. Curriculum and syllabi being adopted which was approved by the academic council of the affiliated University ensuing effective curriculum delivery methods, the institute primarily aims to ensure the extent of compliance for attaining the program outcomes and program specific outcomes. The curriculum is in lined with the approval of the affiliated university with the guidelines of the AICTE. the regulatory authority towards the coverage of different courses in basic science, basic engineering, core and elective courses were well established and followed regularly and made for continuous improvement process.

Adherence to Academic Calendar

The academic calendar of the institution and the department is inlined with the affiliating university, i.e., Anna University. Calendar is circulated prior to the commencement of the classes in a particular academic year. A proper execution of teaching –learning process is ensured by circulating the calendar to the academic council of the college and to all stakeholders.

University Schedule

Institution Academic Calendar

Department action plan preparation and Dissemination

Course Delivery Plan preparation

Input from FDP, Workshop attended by faculty

PEDAGOGICAL INITATIVES

Innovative Teaching

Collaborative Learning

Projects

Real World Examples

Lecturing Theory Subjects

Students Course Feedback
- Online
- Class Committee
- Interactive

Conduct of Laboratory experiment

Course Flow

Internal Assessment / Model Exam

Result Analysis /Evaluation

Corrective action / Appreciation

The academic and non-activities mentioned in the academic calendar are strictly adhered as per the schedules.

ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY
ACADEMIC SCHEDULE 2023 - 2024 - VIII SEMESTER - EVEN- REVISION 1

Month	Working days						Total Working days	Holidays	Curricular Activities & Exams	Co - Curricular Activities	Remarks
	M	Tu	W	Th	F	Sa			1 - College Reopens for IV Year UG		IV Year Industrial Visit Feb 1 - to Feb- 25
February				1	2		21				PROJECT REVIEW - I Feb - 26, 27, 28, 29
	5	6	7	8	9						
	12	13	14	15	16				Project Work Upto 5th March 2024		
	19	20	21	22	23						
	26	27	28	29							
	M	Tu	W	Th	F	Sa				7- Technical Symposium for MBA	
					1			8 - Maha Sivarathiri			
	4	5	6	7	8			11- Holiday			
March	11	12	13	14	15	16	18	12 - Mondaikadu festival		28- Technical Symposium for EEE	PROJECT REVIEW - II Mar - 20, 21, 22
	18	19	20	21	22			29 - Good Friday	IAT 1 (18,19)		
	25	26	27	28	29						
	M	Tu	W	Th	F	Sa		9 - Telungu New year		1-Technical Symposium for ECE	
	1	2	3	4	5	6		11 - Ramzan	IAT 2 (1,2)	8-Technical Symposium for CIVIL	
APRIL	8	9	10	11	12	13	22			12,13 - SIZZLE'24	
	15	16	17	18	19			19 - Holiday		15-Technical Symposium for CSE	PROJECT REVIEW - III April - 15,16,17
	22	23	24	25	26	27			IAT 2 (26,27)	16-Technical Symposium for Agri, MCA, BME	
	29	30								17-Technical Symposium for Mech	
	M	Tu	W	Th	F	Sa				18 - Sports Day	
MAY			1	2	3		2	1 - May day	3- Last Working day for UG VI & VIII Semester	23,24 - RIPPLE'24	

| Hostel Closing Timings March - 07-03-2024 (04.30 p.m.) To 12-03-2024 (06.30 p.m.) | | Monthwise Short Vacation March - 08-03-2024 To 12-03-2024 | |

Figure: Sample Academic Schedule

The following information shall be rendered by the Academic calendar

- Commencement and closing dates of academic semesters

- internal examination details (Final University exam will be communicated by the affiliated University well in advance)

- Conduction of various events likes department association inauguration, workshops, seminars, conferences, etc.

- Futuristic plan of class committee meetings, four in a semester, first - at the beginning, second - after first internal examination, third – after second internal examination and fourth – after the model examination.

- Training and placement cell meeting, Entrepreneurship Development Cell meeting, Discipline committee meeting, Women Empowerment Cell, Library and NPTEL committee Meeting are followed as per the schedule.

- Campus Maintenance and monitoring meeting, Ladies hostel and boys hostel meeting, Sports Council Meeting, Website, Media, Facebook meeting are Scheduled as per the plan.

- Extra-curricular activities meetings for NCC,NSS, YRC, RRC, ROTRACT,LEO club meeting are scheduled as per the plan.

- Parents meeting, Anti ragging Meeting are arranged as per the plan.

- Project review dates are clearly specified

- Sports day, Annual Day tentative dates are also mentioned.

- List of holidays are also clearly specified

Instructional Methods and Pedagogical Initiatives:

The quality teaching and learning is attainable with excellent instructional methods and Pedagogical Initiatives. The course instructional method and its evaluation has been shown in the Teaching Process which comprises of the following:

1. Developing Course outcome with highest bloom level and appropriate mapping with Program Outcome/ Program Specific Outcome.

2. Preparation of Course Delivery Plan and content beyond syllabus with lecture outcome in line with the academic calendar.

3. Developing questions for internal assessment test and Assignments with blooms level.

The prepared course plans are delivered through the following instructional method:

1. Direct Teaching: Verbal and typically in the form of a lecture or presentation,

demonstration.

2. Indirect Teaching: a. Interactive Instruction, Experiential Learning, involves Facilitation, individualization and group management

Pedagogical Initiatives:

Role Play

Game Based learning

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Participative Learning

Industrial Visit

Project based learning

Survey camp

EQ and group dynamics workshop

LMS

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Course Material and Video Lectures in Institutional Website

Conduction of Laboratory Experiments:

Laboratory experiments are planned and conducted effectively inlined with the course related to the subject. A clear justification is rendered to the students before the conduction of the program making the student to understand the basics of the equipment in the laboratory and its specification. Even flipped class module of teaching is also insisted to make the student to understand the concept in advance in the home and making the practical part done in the laboratory whereby the student feel is deliberately good to understand during the commencement of the laboratory making his involvement to higher extend. Well framed laboratory manuals are prepared by the experienced faculty members and as an interim outcome few selected students were also asked to make a model of the lab equipment. Faculty members are encouraged to devise at least one new experiment along with the experiments in the curriculum. Students are assessed with the support of well-defined rubrics.

Course Delivery and Evaluation:

Effectiveness of Course delivery is monitored by the following mechanism.

1. Class Committee meeting and interactive feedback with HoD and Principal provide inputs to strengthen the course delivery and support effective learning

2. The institution has centralized online feedback system to take the students feedback on course content clarity, delivery and Content beyond syllabus

Each course in the program is evaluated periodically through internal assessment test (IAT). Students' academic performance derived from the result analysis helps the mentor to categorize students as Bright, Mediocre and Weak. Students Classification:

➢ 50% and below score in three or more subjects : Academically Weak Students .

➢ > 50% and < 60% in all thesubjects : Mediocre Students.

➢ >60% in all the subjects : Bright Students Students are provided with necessary academic support through counselling which help them perform better in future.

Assisting Weak Students:

For the slow learners, the concerned mentor or faculties are insisted to motivate them academically and personally to enhance their score and academic and non academic portfolios. They offer a parental approach to slow learners for analyzing their problems, motivate them to improve their academic performance and also help to clarify their doubts regarding the concerned on identified challenging subjects.

A special care is given to such students to help them towards enhanced attainment. The following activities are conducted for the slow learners,

➢ Remedial / Coaching classes

➢ Lectures on important topics put up on Google classroom

➢ Re-test for enhancement of marks

➢ Additional practical sessions

➢ Assignments and solved University question papers

- ➢ Question banks
- ➢ Tutorials
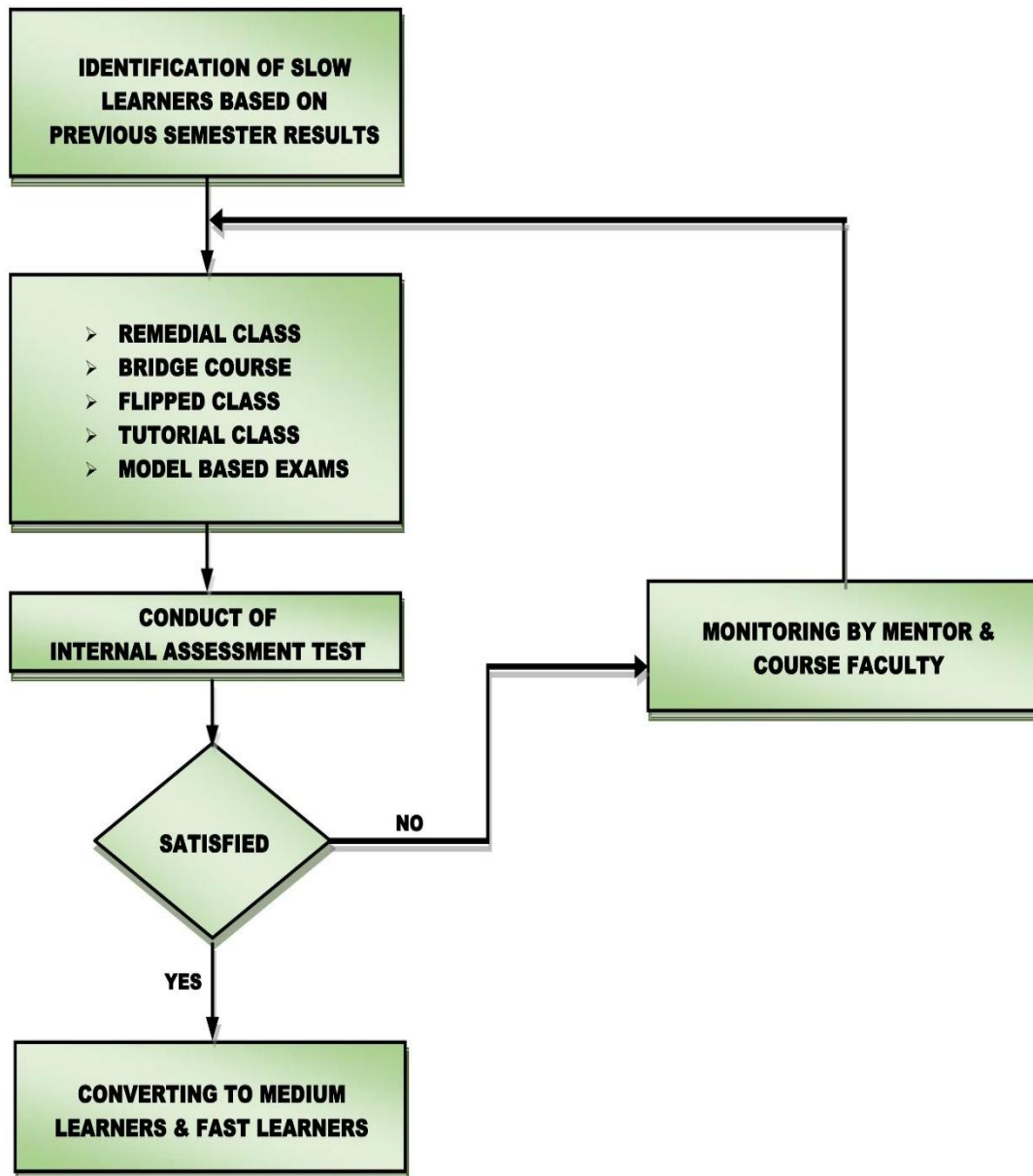
The follow up of the above mentioned measures to the weak students result in gradual improvement in academics.

Encouragements for Bright Students:

Creamy layer students are also identified based on their academic consistent performance in the higher secondary and semesters examinations. Following are the provisions available for the bright students;

- Motivation towards the preparation of advanced entrance examination like GATE, GRE, etc.
- Encouragements towards registering e-courses from NPTEL, courser, khan academy, etc.
- Creating opportunity with the collaboration of the professors at IITs and NITs for their internships and research collaborative work with the elite professors in the higher level academic institutions.
- Motivating the student to publish papers in national and international conferences and high Scopus journals.
- Involving students towards patenting with the aid of the faculty.

Provision for International and government placements and making the attire of the student to focus on the higher level placement making the average package scale to rise.

Feedback system on teaching learning process and actions taken:

The institution has three types of feedback system to evaluate the effectiveness of the course delivery.

- Online Centralized Feedback System
- Class Committee Meeting

Interactive Feedback Session

At the end of every semester, all the students are required to fill a feedback formappraising the course delivery of the faculty in• '5' & '10' point scale based on the attributes.HOD reviews the feedback report and necessary corrective measures will be initiated if the feedback is less than 75% in consultation with the Principal. To enhance teaching effectiveness faculty members are sponsored to attendϖ FDP, Workshop, and Seminar.

Outcome of Feedback System

- Effective course delivery and learning is targeted.
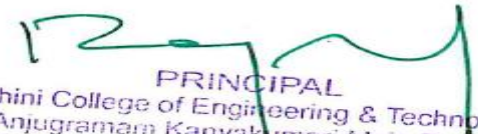- Implementation of Innovative teaching.

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- Students have better understanding in both theory and practical.
- Initiates Faculty knowledge up-gradation through FDP, Industrial Training
- Effective utilization of resources beyond the contact hours for extended learning activities

Faculty Involvement in Curriculum Planning, delivery and assessment:

Sl.No	Faculty	Involvement
1	Dr.R.Rajesh Principal/RCET	BOS member inP.S.R Engineering College, Sivakasi, Tamil Nadu.
2	Dr.R.Rajesh Principal/RCET	Question paper setter for end semester Nov/Dec Examinations in P.S.R Engineering College, Sivakasi, Tamil Nadu.
3	Dr.J.SahayaRuban HOD/ Civil	PAQIC member of Civil Engineering department of St.Xaviers Catholic College of Engineering, Nagercoil.
4	Dr.A.Sagai Francis Britto Asp/Mech	DC member for 2 Research scholar in Anna University.
5	Dr.T.sudarson Rama Perumal Professor/CSE	DC member for 2 Research scholar in Anna University.
6	Dr.J.SahayaRuban HOD/ Civil	DC member for 3 Research scholar in Anna University.
7	Dr.R.Rajesh Principal/RCET	DC member for 6 Research scholar in Anna University.

8	Dr.D.PrinceSahayaSudherson HOD/Mech	DC member for 2 Research scholar in Anna University.