EXCEL ENGINEERING COLLEGE

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO, CSE, ECE & MECH), NAAC with "A+" and Recognized
by UGC (2f & 12B)

KOMARAPALAYAM - 637303

Department of Electronics and Communication Engineering
Academic Year 2022-23

STUDENTS CENTRIC METHODS

S. No	PARTICULARS	2022-23
1.	INDUSTRIAL VISIT	√
2.	TUTORIAL	√
3.	GUEST LECTURE,WORKSHOP AND SEMINARS	√
4.	COMPETITIONS	√
5.	MINI PROJECT	√
6.	CLUB ACTIVITIES	√
7.	ASSIGNMENTS	√
8.	NPTEL	√
9.	QUIZ	√

27/12/22

HOD/ECE

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1. **Industrial Visit**

Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
To educate the students about field visit	By selecting the place By taking the students there Make them to learn the field techniques.	From this students can easily understand how the textile industry is automated		II-year and III-year Students

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2. Tutorial

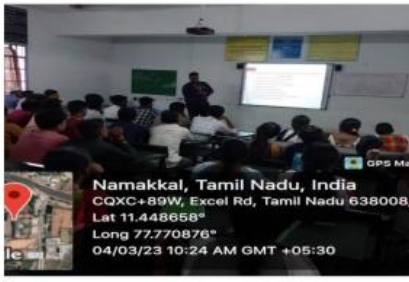| Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
To acquaint with algebraic structures namely Fourier series	To solve the problems related to Fourier Series	From tutorial hours students can easily understand Fourier Series Problem	 Subject: Signals and Systems Faculty handled: Mr.P.Loganathan AP/ECE and Ms K.Kodeeswari Topic: Fourier Series Beneficiary: II Year ECE Students	All II Year Students

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3. Guest Lectures, Seminars and workshops

Objective	Methodo logy	Learning Outcomes	Photographic Evidence	Peer Group list
To make students an Oracle Certified Professional	Resource Person Presented various certificat e on courses	Students actively participated in the program organized and clarified their doubts to the guest. They learnt current technology on Oracle.		III year & IV Students

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4. Competitions

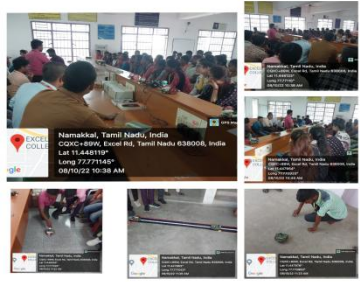| Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
In order to effectively create exams and quizzes, it is important to establish and understand the learning objectives that are being measured. For that students are engorge to participate in various technical events	Students are made to participate in the webinar, workshop, guest lectures and ask them to engage in all the activities related to that.	The students get knowledge while participate in various events organized by various colleges related to their subjects.		Students from the department

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5. Mini Project

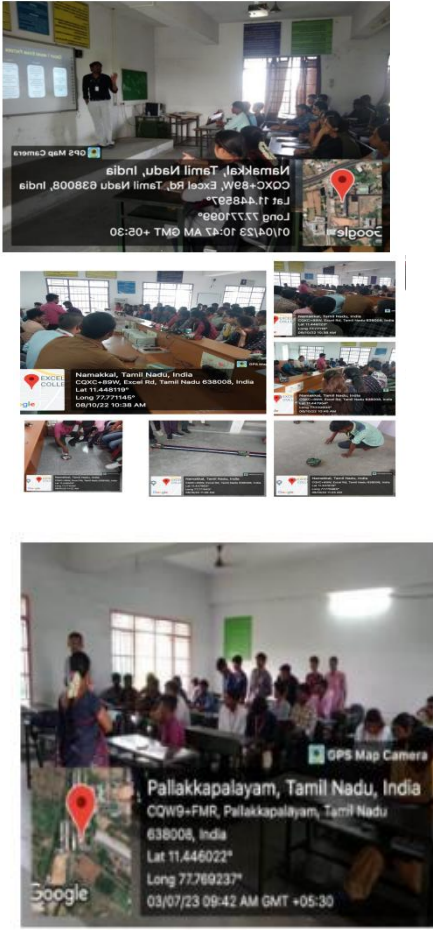| O objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
To develop own innovative prototype of ideas	Train students to prepare mini project report and presentation for evaluation.	Students are motivated to find solutions for various problems by formulating in proper methodology.	Beneficiary: III Year ECE Students	All III Year Students

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6. Club activities

Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
The aim of the club is to inculcate among students to explore their talents	To conduct the competition like pledge, slogan contest, poster design, oratorical competition and social activities	It measure the mirrors the process that academic programs have embraced, while being uniquely tailored to the co-curricular experiences that students engage.		Student Members of various clubs

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7. Assignment

Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
To introduce the various types of Machine Learning algorithms	Giving Assignments in Machine Learning Techniques related topics Evaluating the assignment based on rubrics	The students can get knowledge about the various Digital Logics Techniques	 Subject: Digital Logics and Microprocessor Faculty handled :Ms. S.Theivayanaki Topic: Microprocessor and Microcontroller	All II Year Students

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8. **NPTEL**

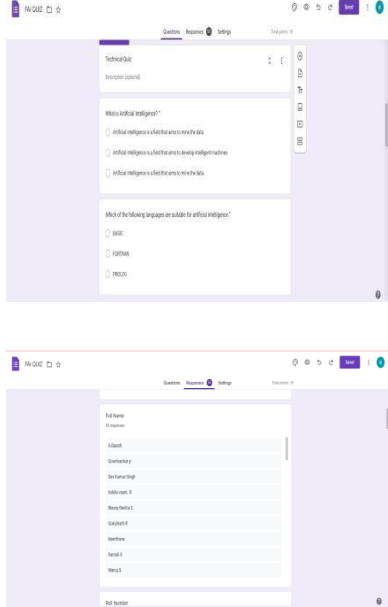| Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
To make	Attending the NPTEL exam conducted by IIT	The students can get more knowledge about the subjects related to Artificial Intelligence		III Year Student

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9. Quiz

Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
To introduce the various structures of Agents	Giving online quiz and evaluate to make the students understand the topic well	The students can get knowledge about the various structures of Agents	Subject: Analog and Digital Communication Faculty handled: Ms K.Kodeeswari Topic: Assignment – Analog and Digital Communication	All II Year Students

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Lab integrated theory courses course lists and photos

S. No.	Lab integrated theory courses
1	Digital Logics and Microprocessor
2	Computer networks
3	Analog& Digital Communication
4	Digital Image Processing
5	Embedded System Technologies
6	Problem Solving Using Python

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