



# 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 Recognised by UGC (2f &12B)

KOMARAPALAYAM - 637303

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2.3.1 STUDENT CENTRIC METHODS

S.NO	PARTICULARS	2022-23
1.	Internship	√
2.	Tutorial	√
3.	Project and Field practicum	√
4.	Guest Lectures, Seminars and workshops	√
5.	Hackathon	√
6.	Club activities	√
7.	Assignment	√
8.	Online Certificate	√
9.	Role Play	√



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DEPARTMENT OF CSE  
Excel Engineering College  
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
STUDENT CENTRIC METHODS

ACADEMIC YEAR 2022-23


## 1.Tutorials

Objective	Methodology	Learning Outcomes	Photographic Evidence
To Determine properties of relations, identify equivalence and partial order relations, sketch relations. Identify functions and determine their properties.	Practicing the core concept	able to prove an equation works for all natural numbers (1,2,3...) without actually calculating each one individually	 <p>Tiruchengode, Tamil Nadu, India CQXC+RJ9, Tiruchengode, Tamil Nadu 638008, India Lat 11.449329° Long 77.771553° 13/10/22 06:04 PM GMT +05:30</p> <p>Subject : Discrete Mathematics Topic: Mathematical Induction Beneficiary :Second Year</p>


## 2. Internship

Objective	Methodology	Learning Outcomes	Photographic Evidence
To better the working skill	Internship	Enriching the knowledge to fit into industry environment	 <p><b>TECHVOLT</b> SOFTWARE PVT.LTD <i>Simple But Marvelous...</i></p> <p><b>CERTIFICATE</b> of Internship</p> <p>ABHISHEK T</p> <p>This is to certify ABHISHEK T from Excel Engineering College Pursuing Bachelor Of Computer Science &amp; Engineering has Successfully Completed an Internship Program on JAVA PROGRAMMING from 01-062023 to 17-06-2023at TECHVOLT SOFTWARE PVT.LTD</p> <p><i>[Signature]</i> SIGNATURE</p> <p><b>Subject : Java Programming</b></p> <p><b>Beneficiary :Third Year</b></p>

### 3. Technical Talk

<b>Objective</b>	<b>Methodology</b>	<b>Learning Outcomes</b>	<b>Photographic Evidence</b>
To Use JavaScript for dynamic effects	Web page, Web browser is utilized	Understand, analyze and apply the role of languages like HTML, CSS, XML, JavaScript, PHP, SERVLETS, JSP and protocols in the workings of the web and web applications	 <p><b>Subject: Web Technology</b></p> <p><b>Topic : Java Script, PHP, HTML</b></p> <p><b>Beneficiary: All CSE</b></p>

#### 4. Assignment

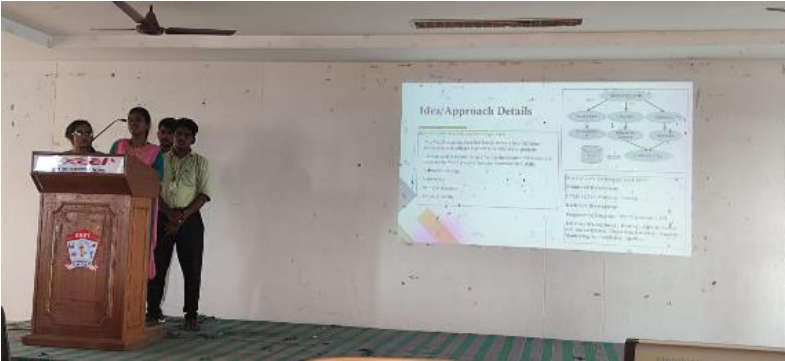
Objective	Methodology	Learning Outcomes	Photographic Evidence
To designing and training a bot to engage in Conversations and offer assistance	Natural language Processing, Machine learning	Able to improve customer support, provide personalized recommendations, and automate simple tasks	 <p><b>Subject: Artificial Intelligence</b> <b>Topic: :Customer support Chatbot</b> <b>Beneficiary: III Years</b></p>




## 5. Blended Course

Objective	Methodology	Learning Outcomes	Photographic Evidence
<p>To directly check the weather stats online without the need of a weather forecasting agency</p>	<p>System uses temperature, humidity sensor to monitor weather and provide live reporting of the weather statistics</p>	<p>Gain Knowledge on current technology</p>	<div data-bbox="1308 371 1879 1010" data-label="Image"> <p>The image is a composite of two photographs. The left photograph shows a computer monitor displaying C++ code for an Arduino. The code includes comments in Hindi and functions for reading digital sensor data. The right photograph shows a person's hand holding a breadboard with an Arduino Uno microcontroller board connected to various sensors and a USB cable.</p> </div> <p><b>Subject:</b>Fundamentals of Internet of things</p> <p><b>Faculty Guided :</b> A.Sureshkumar</p> <p><b>Topic:</b> IOT based weather reporting system</p> <p><b>Beneficiary:</b> Third Year</p>

## 6. Hackathon


Objective	Methodology	Learning Outcomes	Photographic Evidence
Experience to the students to address some of the most pressing challenges of our time.	Idea presentation	Oppurtunity for better placement, enriching the knowledge	 <p data-bbox="1308 836 1787 871"><b>Smart India Hackathon –III ,IV yr</b></p>

## 7. NPTEL ONLINE Certificate


Objective	Methodology	Learning Outcomes	Photographic Evidence
<p>To develop websites and software, task automation, data analysis, and data visualisation.</p>	<p>Online course</p>	<p>Able to work with common Python data types like integers, floats, strings, characters, lists, dictionaries, as well as pandas DataFrames.</p>	 <p><b>Subject :The Joy of Computing using PYTHON</b></p>



## 8. Club Activity

Objective	Methodology	Learning Outcomes	Photographic Evidence
<p>To promote safe and appropriate hygiene practices in schools and behaviour among children.</p>	<p>Rally</p>	<p>Ability to analyse and predict the sanitation challenges of India</p>	 <p><b>Subject : Environmental Science</b></p> <p><b>Faculty handled : Mrs.Kalpana</b></p> <p><b>Topic : II,III,IV year students</b></p>

## 9.Role play

Objective	Methodology	Learning Outcomes	Photographic Evidence
To arrange data into meaningful order so that you can analyze it more effectively	Taking the smallest element in an unsorted array and bringing it to the front	Able to search for the smallest element and puts it in its correct final position	 <p data-bbox="1285 858 1872 890"><b>Subject : Design and Analysis of Algorithm</b></p> <p data-bbox="1285 928 1680 960"><b>Faculty handled : Dr.P.Kumari</b></p> <p data-bbox="1285 992 1447 1024"><b>Topic : II Yr</b></p>