



CODE CHEF

ABOUT THE CLUB

- Promote excellence of Engineering education and overall practice. The student development in coding and exchange of relevant knowledge with related to industries.
- Gain technical and collaborative skills to design real-life projects. Be a forum for interaction among students of the institute.

OBJECTIVES

- Establish a coding culture on campus, to be connected with industry mentor and reaching every student passionate about coding.
- Learn to apply computational and logical thinking to solve the problem.
- Build to create innovative programs, projects, video games and apps using an emerging technology in industry.
- Explore the hidden skills and to improve the problem solving skills among the students. Platform where efficient coders with different interests meet and interact together and learning to code

VISION

- A team of like-minded people combined together and to produce effective solution for a problem through emerging technologies and innovative master minds.
- The Coding Club provides participating students an opportunity to learn the basics of computer programming in a team setting.
- The club's main focus is on creating applications, problem solving skills, games and projects

MISSION

- To be confident to identify the complex problems and produce the effective solution with proper planning.
- Students will be more knowledgeable in logic building.
- Students will be able to attend the coding contests and code debugging contests.
- Students will improve their algorithm development skills, coding skills, testing knowledge and producing the effective solutions.



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CLUB ACTIVITY SUMMARY ACADEMIC YEAR 2021-2022

- A brief introduction about the importance of Code Chef.
- Discussion about objectives and action plans.
- Briefing about the weekly activities.
- Simple problem identification and algorithm development.
- Planning for problem execution.
- Dividing the Code Chef members into 6 teams.
- All divided team members are registered in online coding platforms.
- Knowledge sharing about Hackerrank, Topcoder, Codechef, Leetcode, ACM-ICPC, Geeksforgeeks, etc.
- Brainstorming session conducted about short tricks for effective algorithm development.
- Logic building session for mathematical numbers identification and to create the effective algorithms.
- Created a Login Ids in online coding platform.
- Projects are assigned for each team.
- Six different types of projects are given and instructed to all to do the task.
- Writing code for complete the task.
- Effective coding chosen among different sets of code.
- Invited the chief guest Ms.A.Thangamani from SAP India Pvt Ltd, Bangalore for the live project presentation on Master Data Management and Integration.
- Chief guest also addressing motivational talk about some psychological facts such as self-talk, be patient and practice as much as you can, etc.
- Learned about data structures and algorithms, components of master data like cleansing, service API, Master data consolidation, Business logic, Back end, Destination, filtering, etc.
- Two projects KYC of 360 views and a small search engine development were given to the students for project development.



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ACADEMIC YEAR 2022-2023 TARGET PLANNER

TARGET	NAME OF THE ACTIVITY	REMARKS
No of projects planned	<ul style="list-style-type: none"> ➤ Batch 1: Language Translator ➤ Batch 2: Student library management ➤ Batch 3: Convert text to speech ➤ Batch 4: Memory Puzzle Game ➤ Batch 5: Password generation ➤ Batch 6:Address book 	Projects to be display
No of Products Targeted	<ol style="list-style-type: none"> 1. Student library management 2. Convert text to speech 3. Memory Puzzle Game 	End of even sem
No of Publications Planned	<ol style="list-style-type: none"> 1. Gamble Dice 2. Password generation 3. Address book 	End of odd sem
Funding Requirements	Resource person Remuneration –Rs. 7000/- Smart accessories – Rs .5000/-	



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ACADEMIC YEAR 2022-2023 ACTIVITY PLANNER (ODD SEM)

S.NO	PROPOSED PERIOD	NAME OF THE ACTIVITY		TARGETED OUTCOME
		I YEAR	II YEAR	
1	WEEK 1	<ul style="list-style-type: none"> ➤ Motive of Club ➤ Introduction of Software to the Students ➤ Team Classification ➤ How to generate a code 	<ul style="list-style-type: none"> ➤ Motive of Club ➤ Introduction of Software to the Students ➤ Team Classification ➤ Discussion about previous year club and recalling the project of office bearers 	To get knowledge about the code chef club
2	WEEK 2	<ul style="list-style-type: none"> ➤ Selenium Installation by Students ➤ Project Allocation to students by Industry Mentor and Coordinator ➤ Students explanation using installed software and open source platform. ➤ Algorithm Development ➤ Logic Building ➤ Intelligence in code formation ➤ Code hunt 	<ul style="list-style-type: none"> ➤ Selenium Installation by Students. ➤ Project Allocation to students by Industry Mentor and Coordinator ➤ Students explanation using installed software and open source platform ➤ Batch 1: Gamble Dice ➤ Batch 2: Student library management ➤ Batch 3: Number guessing ➤ Batch 4: Convert text to speech ➤ Batch 5: Password generation ➤ Batch 6: Address book 	To define the role of students in the club and to develop the coding skill
3	WEEK 3	<ul style="list-style-type: none"> ➤ Allocating the project for students ➤ Batch 1: Language Translator ➤ Batch 2: Student 	<ul style="list-style-type: none"> ➤ Algorithm Development, Interface Designing for code and apply it 	To learn about individual project papers and making new innovative ideas



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		library management ➤ Batch 3: Number guessing ➤ Batch 4: Memory Puzzle Game ➤ Batch 5: Password generation ➤ Batch 6: Address book		
4	WEEK 4	➤ Each batch has to identify the problem statements for their projects and it will be presented by them in the open forum	➤ Collecting the Modules in their project by executing their codes and it is verified by the Industry Mentor. ➤ Conducting 0th Review with department facilities	To analysis and implement the project paper in review
5	WEEK 5	➤ Code resemblance different way among different batches for the their project by executing their codes and it is verified by the Industry Mentor	➤ Deployment of trained model into Selenium ➤ Module verification by the Industry Mentor Content verification for journal publication ➤ Conducting 1st Review with department facilities	To publish conference / journal paper
6	WEEK 6	➤ 50% Demo and conference Publication will be verified by the Coordinator for their allocated project.	60% Demo and conference/Journal Publication will be verified by the Coordinator for their allocated project.	Complete the Publication



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ACADEMIC YEAR 2022-2023 ACTIVITY PLANNER (EVEN SEM)

S.NO	PROPOSED PERIOD	NAME OF THE ACTIVITY		TARGETED OUTCOME
		I YEAR	II YEAR	
1.	Week 1	<ul style="list-style-type: none"> ➤ Recollecting the modules in their specific project ➤ Module no 3 has been executed and verified by the resource person 	<ul style="list-style-type: none"> ➤ Recollecting the modules in their specific project ➤ Module no 3 has been executed and verified by the resource person 	To implement the modules of the project
2.	Week 2	<ul style="list-style-type: none"> ➤ Remaining module (4,5) has been completed and verified by the resource person 	<ul style="list-style-type: none"> ➤ Remaining module (4,5) has been completed and verified by the resource person 	Executing the coding and error spot in it
3.	Week 3	<ul style="list-style-type: none"> ➤ Deployment of all Modules in tensor flow ➤ Project Review with Industry mentor to fine tune the projects. 	<ul style="list-style-type: none"> ➤ Deployment of all Modules in tensor flow and verified with the Industry Mentor 	Recovering the errors and fine tune the coding
4.	Week 4	<ul style="list-style-type: none"> ➤ 90% of the project and product will be completed. 	<ul style="list-style-type: none"> ➤ 90% of the project and product will be completed. 	Demo of the output
5.	Week 5	<ul style="list-style-type: none"> ➤ Product conversion will be explained by the students to Industry mentor. ➤ Based On the suggestions from Industry mentor, students will correct their respective projects 	<ul style="list-style-type: none"> ➤ Product conversion will be explained by the students to Industry mentor. ➤ Based On the suggestions from Industry mentor, students will correct their respective projects 	Final review with industry mentor and department facilities
6.	Week 6	<ul style="list-style-type: none"> ➤ 100% product and conference/Journal Publication will be verified by the Coordinator for their allocated project. 	<ul style="list-style-type: none"> ➤ 100% product and conference/Journal Publication will be verified by the Coordinator for their allocated project 	To display the project



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PROFILE OF INDUSTRY MENTOR

- 1.Name of the Resource Person:** Elavarasan.P
- 2. Company Name:** Techno Tackle Software Solution.,Coimbatore
- 3. Designation:** Software Engineer
- 4.Conact details:** Site No: 15, Krishna Havisha Building,,
SA Garden, Muthuswamy colony,Selvapuram,
Coimbatore, Tamil Nadu 641026
Mail.id: elavarasanp@gmail.com
Ph.No:9626164971



Profile

A Software Developer designs and builds computer programs that power mobile devices, desktop computers, and even cars. He not only identify user needs but also create new applications for any given market while making improvements based on feedback from users. He works on front end , web development and php Honor & Award in Machine learning and involved in the research technologies.



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KSRIET Technical Club

Name of the club: CODE CHEF

Name of the co-ordinator: Ms. A. Priyadharshini

Venue: CSE LAB 1

LIST OF MEMBERS IN CLUB

S.No	NAME OF THE STUDENT	DEPARTMENT	DESIGNATION	REMARKS
1	KISHORE C	EEE	President	
2	NAVEEN KUMAR M	MECH	Vice president	
3	BARATHRAJ S A	IT	Secretary	
4	SURYA D	CSE	Joint Secretary	
5	ROHITH M	ECE	Treasurer	
6	RENUGA DEVI J	BME	Joint Treasurer	
7	KAVIPRIYA S	ECE	Executive Member	
8	DHANUSH KUMAR K	ECE	Executive Member	
9	SOWMIYA S	ECE	Executive Member	
10	SUDHARSAN S	ECE	Executive Member	
11	KIRUTHIKA B	ECE	Executive Member	
12	HARISH P	EEE	Executive Member	
13	KIRTHICK RAJ K M	EEE	Executive Member	
14	BOOPATHI I	EEE	Executive Member	
15	MOHAMED AZARUDHIN S	BME	Executive Member	
16	SOUMYA S	BME	Executive Member	
17	JAGADEESH S	BME	Executive Member	
18	VENUGOPAL S	BME	Executive Member	
19	GIRI MURUGAN P	MECH	Executive Member	
20	TAMILSELVI K	MECH	Executive Member	
21	MUKESH G	MECH	Executive Member	

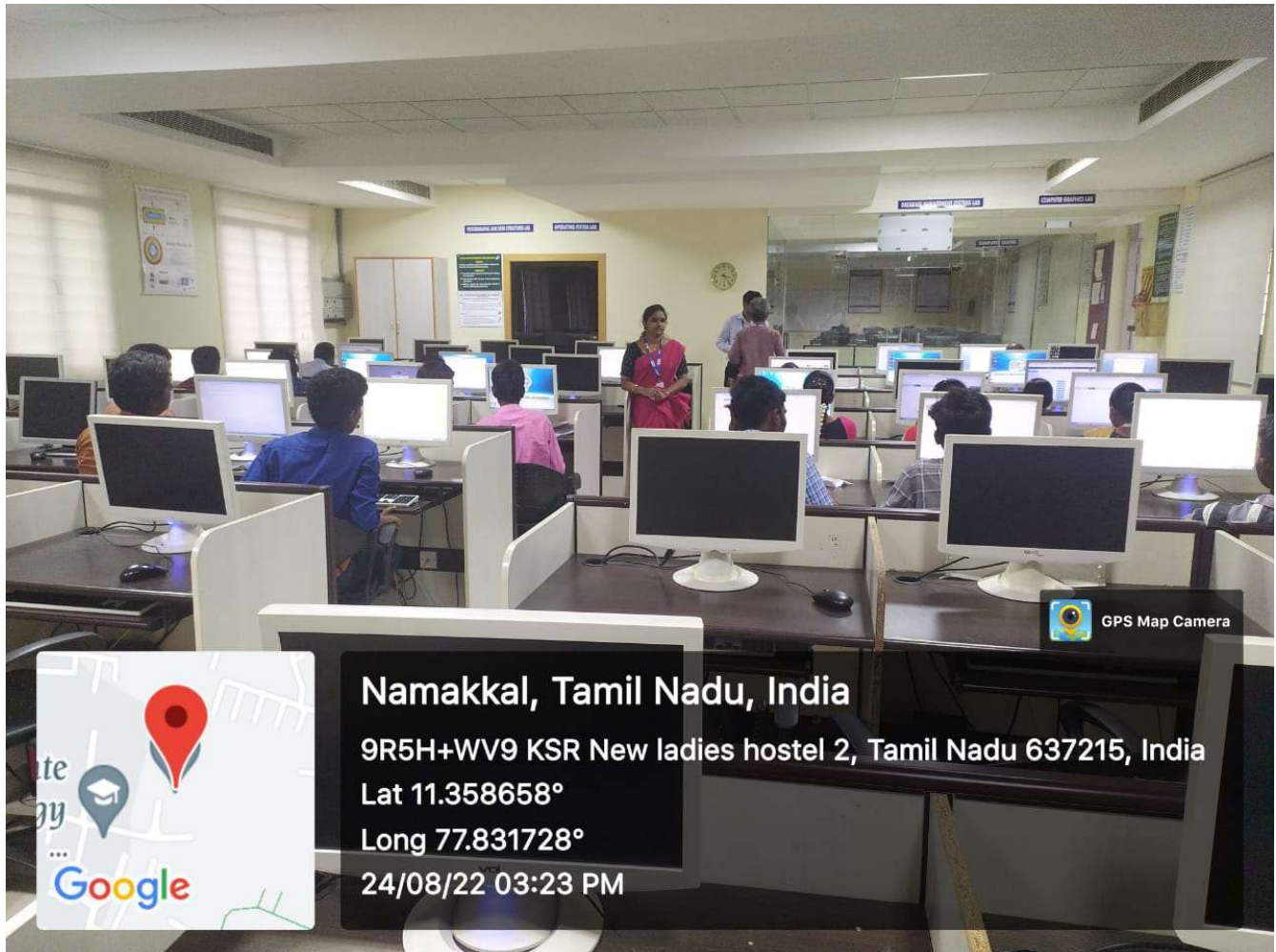
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22	GOKUL S	MECH	Executive Member	
23	ELSON DEVARAJ R	IT	Executive Member	
24	GOWTHAM G	IT	Executive Member	
25	THARNESH R	IT	Executive Member	
26	DEVENDHIRAN N	IT	Executive Member	
27	VIJAYA BASKAR R	CSE	Executive Member	
28	SUBHARANJANI M	CSE	Executive Member	
29	HELAN HENCIDA K	CSE	Executive Member	
30	VASANTH S	CSE	Executive Member	
31	SANJITHA S	CSE	Executive Member	

Club Coordinator**Over all Coordinator**

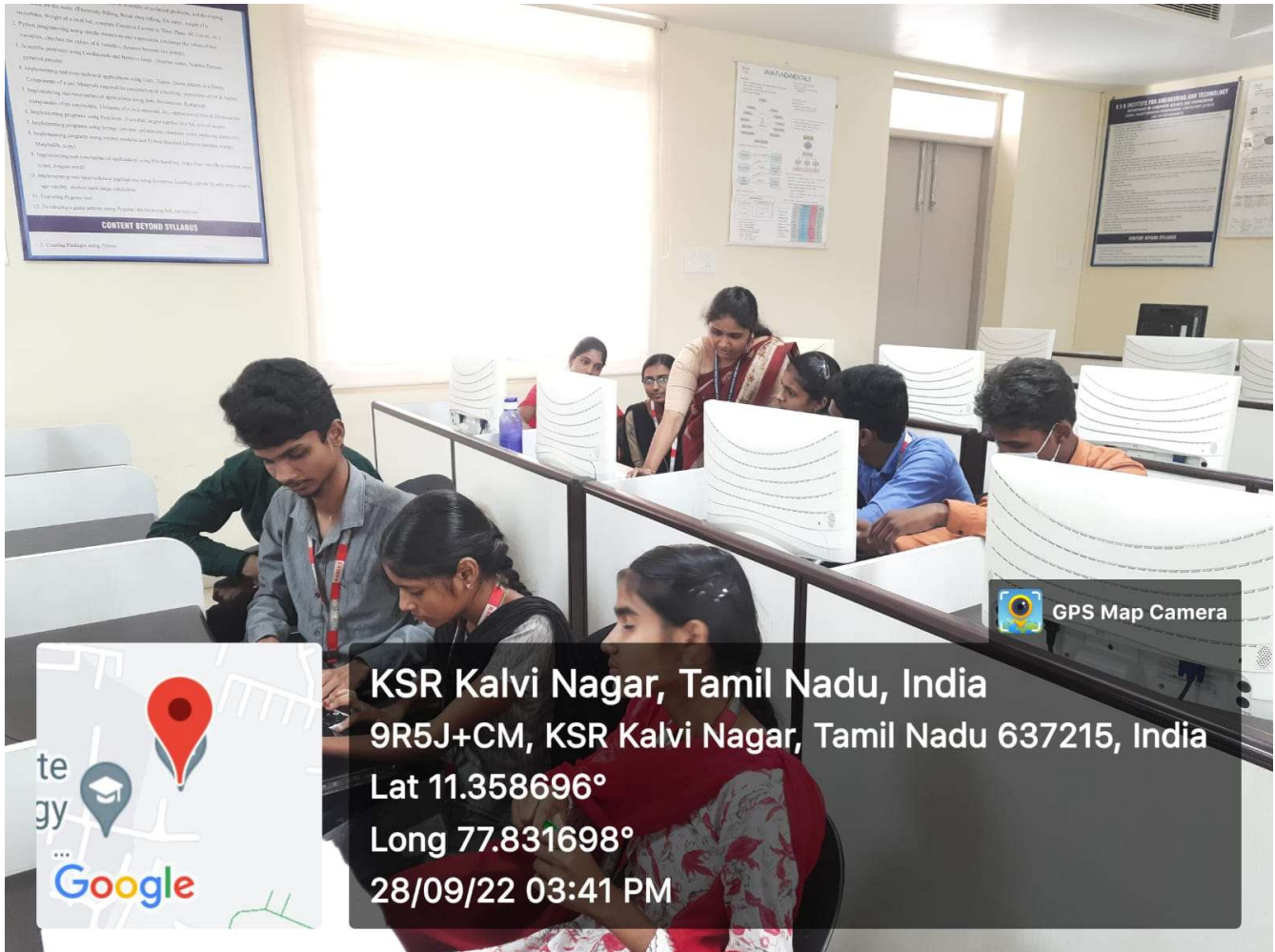


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