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**From**

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**To**

The Vice-Chancellor,  
Kalasalingam Academy of Research and Education,  
Krishnankoil - 626126.

**Respected Sir,**

**Sub: Request for Approval to Conduct the “API Maze” Coding Event under 10X CLUB INFO KARE Chapter**

With due respect, I would like to inform you that the 10X CLUB INFOKARE Student Chapter is planning to organize a coding event titled “**API Maze**” in 2/8/2025.

This is a **Build-an-App or page Challenge** where participants will be use **public APIs** (e.g., OpenWeather, Jokes API, Google Books, etc.) to build an solution for their identified problem statement. Their challenge will be to build a fun or useful application using APIs within a time duration of **8 hours**. The event encourages **creative coding, team collaboration**, and practical exposure to real-world APIs. We believe this event will enhance our students’ technical creativity, API integration skills, and teamwork, aligning well with our experiential learning goals.

Hence, we kindly request your approval to conduct the event and award **1 EE Credit** to all participants who successfully complete the app challenge. Detailed event format and criteria are attached for your perusal.

Thank you for your continued support and encouragement in organizing such skill-building initiatives.

**Yours sincerely,**

Dr. R. Sundarrajan,  
Dr.V.SivaKumar,  
Mr.Baranidharan  
Faculty Coordinators(10X Club Infokare).



## 10X CLUB INFOKARE

### EVENT OVERVIEW:

- **Type:** Coding Event – Build-an-App Challenge
- **Duration:** 8 Hours
- **Format:** Individual or Pair
- **Tools:** JavaScript + any public API
- **Entry Fee:** ₹100
- **Incentives:**
  - Earn **1 Experiential Elective (EE)** Credit
  - Certificate for all participants
  - **Prize Pool:** ₹6000

### Event Flow & Evaluation Rounds

#### Round 1: Problem Identification & Planning (1 Hour)

- Define a real-world problem
- Propose a solution
- Choose one suitable public API
- Submit a short idea proposal

#### Evaluation Criteria (15 Marks):

- Problem relevance and clarity – 5
- Feasibility and creativity – 5
- Relevance of chosen API – 5

#### Round 2: App or Page Development (5 Hours)

- Develop a working **web app or page** using JavaScript and the selected API

#### Evaluation Criteria (55 Marks):

- Correct and useful API integration – 20
  - Functionality and output – 20
  - UI/UX design – 10
  - Code quality and structure – 5
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### Round 3: Final Presentation & Demo (2 Hour)

- Present and demo the app to the jury
- Explain the idea, API use, and functionality

### Evaluation Criteria (30 Marks):

- Clear explanation and demo – 10
- Creativity and impact – 10
- Time management – 5
- Team collaboration / Solo effort – 5

### Rubrics:

Rounds	Marks
Round 1	15
Round 2	55
Round 3	30
Total	100

### Benefits for Participants:

- Prize for winners

1st prize	3000
2nd prize	1500
3rd prize	1000

- Internship Opportunity
- Certificate for all Participants
- 1EE Credits for qualified participants.