



## **SOFTWARE REQUIREMENT SPECIFICATION FOR IIC DATA MANAGEMENT**

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<b>Seat No</b>	112
<b>Project ID</b>	32
<b>Module Name</b>	IIC Data Management
<b>Module Description</b>	IIC event conduction follow-up and approval of proofs

# INTRODUCTION

## Purpose:

The project aims to develop a comprehensive web application with distinct functionalities for both administrators and users. It includes a login system with separate interfaces for admins and users. Admins have access to CRUD operations for various components such as IIC, EDC, and STARTUP, including event management and course creation. They can also handle notifications, including approving/rejecting user-submitted proofs.

For users, the system provides access to similar components like IIC, EDC, and STARTUP, with tailored functionalities such as viewing event lists, uploading proofs, and enrolling in courses. Users can submit proofs for events and courses, which are subject to admin approval. The system maintains a notification system to keep users informed about the status of their submissions.

Overall, the project aims to streamline event and course management processes, providing a user-friendly interface for both administrators and users to interact efficiently.

## Scope of Project:

- This software system will serve as a portal for managing IIC events, Entrepreneurship Development Cell (EDC), and startup activities, with two types of users: admin and event organizers.
- Organizers can upload proof of events, which are categorized into calendar activities, MIC driven, self-driven, and celebration, with 4 levels and 4 quarters. Events have themes and various categories. Input fields include details like participants, event title, theme, dates, mode, objectives, outcomes, expenses, photographs, video links, attendance, brochures, guest details, schedule, promotional links, and final reports.
- Admin provides event details for calendar activities, MIC driven, and celebration, while organizers provide all details for self-driven activities in two stages, with the ability to edit data if rejected.
- Admin can create/remove courses for EDC and startup, which users can access upon registration, and completion details are shown to users upon course completion.
- The system will calculate the number of days between the approval date and the current date. If this duration is less than 30 days, a warning will be displayed indicating that

students can claim only 30% of their rewards, which is contingent on the number of days since approval.

## **SYSTEM OVERVIEW**

### **Users:**

- Admins
- Event Organizers (Users)

### **Features:**

- Login and registration
- IIC Management (Admins)
- EDC and Startup Course Management (Admins)
- Event Submission and Proof Management (Event Organizers)
- Notifications for Admin and Users
- Functional Requirements
- User Management:
  - Students can register and login.
  - Admins have access control with an analytical dashboard and dedicated features.

### **Event Submission:**

- Organizers can submit applications with appropriate details.
- Application form contains details like event title, category, participants, theme, dates, mode, objectives, outcomes, expenses, photographs, video links, attendance, brochures, guest details, schedule, promotional links, and final reports.

### **Event Approval and Management:**

- Admins can view all submitted events and approve or reject them.
- Admins can categorize events into calendar activities, MIC driven, self-driven, and celebration, and perform CRUD operations on them.
- Approved events are added to the final list table in the database.

### **Course Management:**

- Admins can create and delete courses for EDC and startup.
- Users can register for courses and access course materials.

#### **Notifications:**

- Admins and users receive notifications for event approvals, rejections, and other relevant activities.
- Notifications are stored in the user notification table in the database.

## **NON-FUNCTIONAL REQUIREMENTS**

#### **Performance:**

- The system must respond to user actions within 2 seconds and handle a concurrent user load of at least 100 users.

#### **Security:**

- User data must be encrypted during transmission and storage.
- Access to sensitive functionalities should be restricted to authorized admin users through secure authentication mechanisms.

#### **Usability:**

- The user interface should be intuitive and user-friendly, with clear error messages.

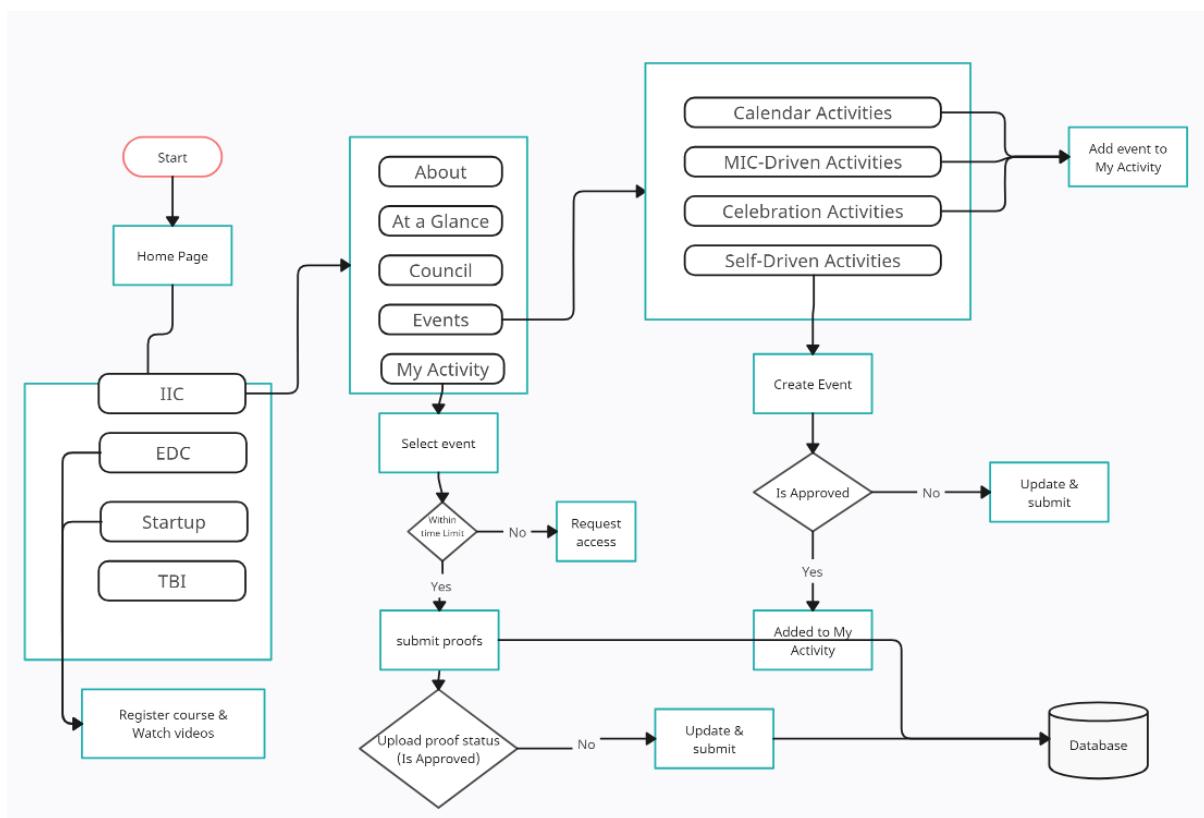
#### **Reliability:**

- The system should be available 24/7 with minimal downtime and have a backup and recovery mechanism.

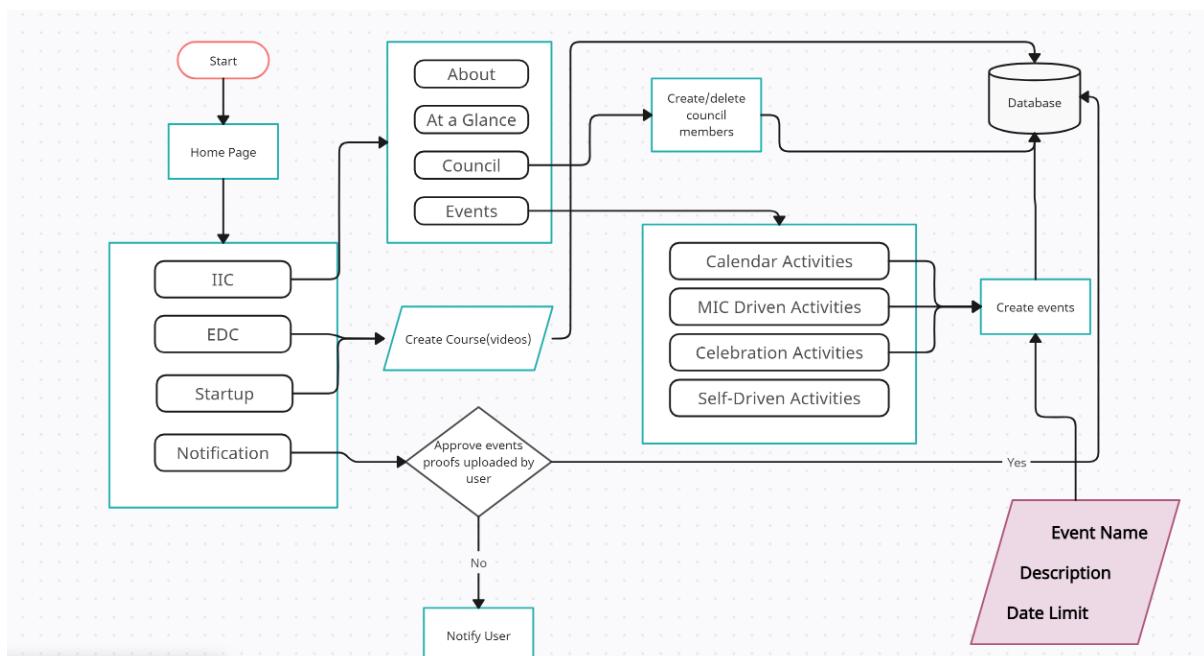
#### **Scalability:**

- The system should be designed to accommodate an increasing number of users and data volume over time

## USER'S INTERFACE



## ADMIN'S INTERFACE



# WELCOME



**BANNARI AMMAN**  
INSTITUTE OF TECHNOLOGY

Stay Ahead

**Google Sign In**

*Sign in with BIT account*

Batch 2023



**Adithya Murali**  
(191CS107)

**BITian**  
*got the job offer in*

# **virtusa**

*with a salary package of*

**₹. 44.0 LPA**  
*(55K US-\$)*



## **ABOUT THE CAMPUS**

Bannari Amman Institute of Technology is an Autonomous, Self-financing Engineering College, Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai. Nestled on the banks of The River Bhavani, BIT campus provides environment for learning in harmony with nature, away from the odds of the city life. The spacious and the earth hugging buildings punctuated with landscaped courtyards and pathways are designed to emphasise the business ethics and or characteristics of an excellent centre for learning. The Campus hosts well planned academic blocks, computer centres, lecture halls, libraries, laboratories, conference halls, staff quarters, hostels and students' centres. The Campus also houses a co-operative store, ATM (Axis, SBI and KVB) and a clinic to attend to the general health of the students and staff.

**Alathukombai - Post, Sathyamangalam - 638 401,  
Erode District, Tamil Nadu, India.**



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## ABOUT IIC

In 2018, the Ministry of Education (MoE) launched the Institution's Innovation Council (IIC) program through MoE's Innovation Cell (MIC) in collaboration with AICTE for Higher Educational Institutions (HEIs). The IICs aim to foster innovation and entrepreneurship by engaging faculty, students, and staff in activities like ideation, problem solving, and project management, thus establishing a robust I&E ecosystem in HEIs.

## OBJECTIVES

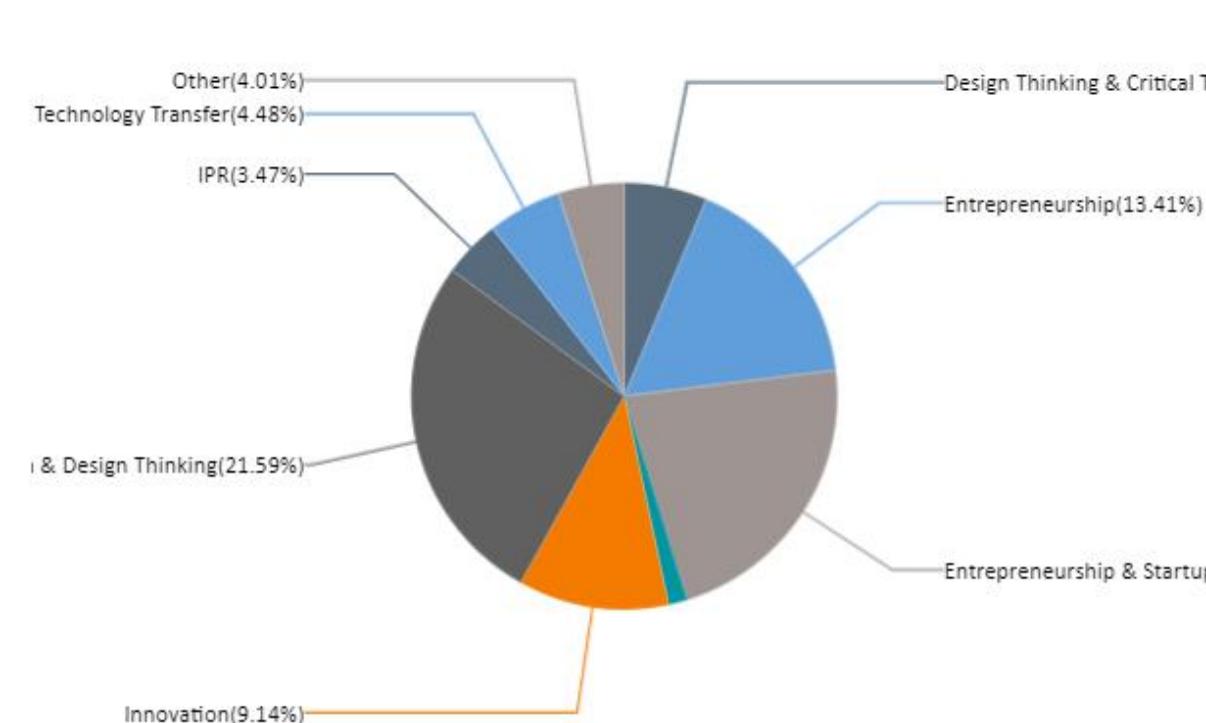
- To create a vibrant local innovation ecosystem.
- Start-up supporting mechanism in HEIs.
- Prepare institute for Atal Ranking of institutions on innovation achievements framework.
- Establish function ecosystem for scouting ideas and pre-incubation of ideas.
- Develop better cognitive ability among students.

[About](#)[At a Glance](#)[Council](#)[My Activity](#)[Achievements](#)

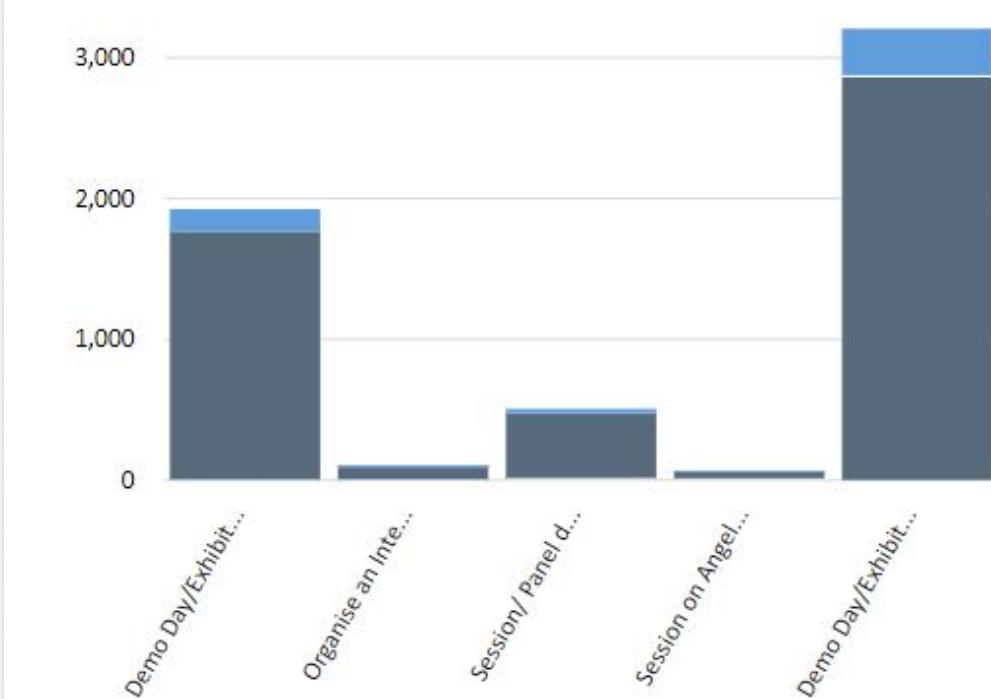
## FUNCTIONS

- To conduct various Innovation, IPR and entrepreneurship-related activities prescribed by MIC in time bound fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries.

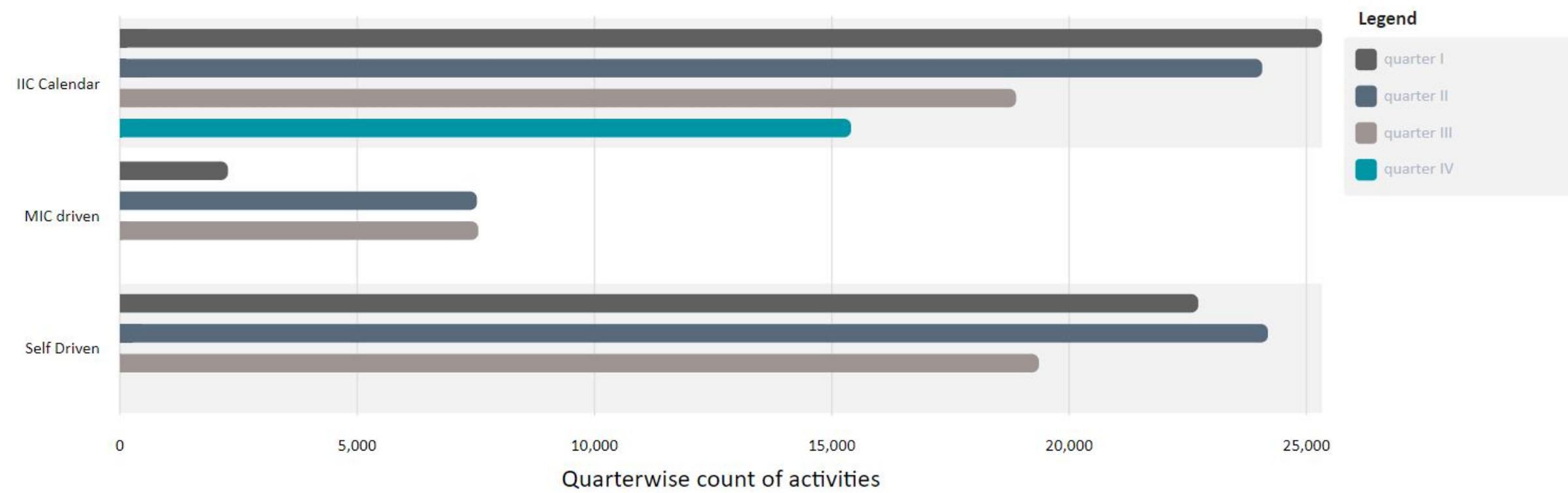
### Activity By Theme



### Overall Impact



### My Activities



## Members

### Faculty

#### **Dr. Kavitha C**

Associate Professor / Chemistry  
President & Convener

#### **Mr R Sathishkannan**

Assistant Professor II/ CSE  
Vice President

#### **Ms N Nandhini**

Assistant Professor / BT  
Social Media Coordinator

#### **Mr J Vinoth Kumar**

Assistant Professor II/ ME  
IPR Activity Coordinator

#### **Dr C Poongodi**

Professor & Head / ECE  
NIRF Coordinator

#### **Mr M R Prathap**

Assistant Professor II/ EIE  
Startup Activity Coordinator

#### **Mr S Sundar**

Assistant Professor III / EEE

### Student

#### **Ashwin C**

Social Media Coordinator

#### **Pragadeeswaran S S**

Internship Coordinator

#### **Dhayanithi A**

Startup Coordinator

#### **Prasanna Kumar R**

Startup Coordinator

#### **Kabilan P P**

Innovation Coordinator

#### **Shubashini V**

Innovation Coordinator

#### **Ashwin C**

Social Media Coordinator

#### **Dr. C.Kavitha**

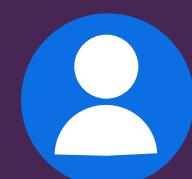
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Associate Professor  
Department of Chemistry  
Bannari Amman Institute of Technology

Email: [iicbit@bitsathy.ac.in](mailto:iicbit@bitsathy.ac.in) | [kavithac@bitsathy.ac.in](mailto:kavithac@bitsathy.ac.in)

#### **Mr. R.Sathishkannan**

Vice President, Co-Convener - IIC  
Assistant Professor - II  
Department of CSE  
Bannari Amman Institute of Technology

Email: [sathiskannanr@bitsathy.ac.in](mailto:sathiskannanr@bitsathy.ac.in)

 Search[+ Add Events](#)

S.No	Activity	Report	Status	Remarks	
1	<b>Event ID:-</b> 1001  <b>Name:-</b> Poster Presentation of startups developed & linkage with innovation ambassadors for mentorship support <b>Type:-</b> IIC Calendar Activities...		-	-	
2	<b>Event ID:-</b> 1002  <b>Name:-</b> Poster Presentation of startups developed & linkage with innovation ambassadors for mentorship support <b>Type:-</b> IIC Calendar Activities...	<a href="#">Request Access</a>	-	-	
3	<b>Event ID:-</b> 1005  <b>Name:-</b> Poster Presentation of startups developed & linkage with innovation ambassadors for mentorship support <b>Type:-</b> IIC Calendar Activities...	Submitted	Approved	1. Activity type not matching 2. Attendance Proof not clear	
4	<b>Event ID:-</b> 1025  <b>Name:-</b> Poster Presentation of startups developed & linkage with innovation ambassadors for mentorship support <b>Type:-</b> IIC Calendar Activities...	Submitted	Rejected	1. Activity type not matching	

# SELF - DRIVEN ACTIVITY

Event Title \*

Theme \*

Objective \*

Quarter \*

Organized By \*

Start Date \*



End Date \*



Category \*

Outcome \*

Upload Brochure  
PDF(max 2MB)

Choose file

Browse

Submit

Close

Event Title \*

Type \*

Theme \*

Quarter \*

Category \*

Mode \*

Objective \*

Start Date \*



Outcome \*

End Date \*



Students \*

Duration \*



Faculty \*

Expenditure \*

External participants \*

Brochure \*  
PDF(max 2MB)

Choose file      Browse

Schedule \*  
PDF(max 2MB)

Choose file      Browse

Attendance Sheet \*  
PDF(max 2MB)

Choose file      Browse

Guest Detail \*  
PDF(max 2MB)

Choose file      Browse

Photo - 1 \*  
PNG(max 2MB)

Choose file      Browse

Photo - 2 \*  
PNG(max 2MB)

Choose file      Browse

Video URL \*

Promotional URL

Final Report \*  
PDF(max 2MB)

Choose file      Browse

Submit

Close

[Home](#)[IIC](#)[EDC](#)[Startup](#)[TBI](#)

## ABOUT EDC

In 2018, the Ministry of Education (MoE) launched the Institution's Innovation Council (IIC) program through MoE's Innovation Cell (MIC) in collaboration with AICTE for Higher Educational Institutions (HEIs). The IICs aim to foster innovation and entrepreneurship by engaging faculty, students, and staff in activities like ideation, problem solving, and project management, thus establishing a robust I&E ecosystem in HEIs.

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- Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries.

## AVAILABLE COURSES

 Search

Inbound Sales

[Enroll](#)[View](#)

02 Hrs. 11 mins.

6 Modules



Understanding Design Thinking

[Enrolled](#)

02 Hrs. 11 mins.

6 Modules



Consumer Behaviour

[Enroll](#)[View](#)

02 Hrs. 11 mins.

6 Modules

Previous

1 - 3 of 3

Next

## MY Learnings

 Search[In Progress](#)[Completed](#)[Inbound Sales](#)[Completed](#)

02 Hrs. 11 mins.

6 Modules



IIC

Home Events



## DASHBOARD

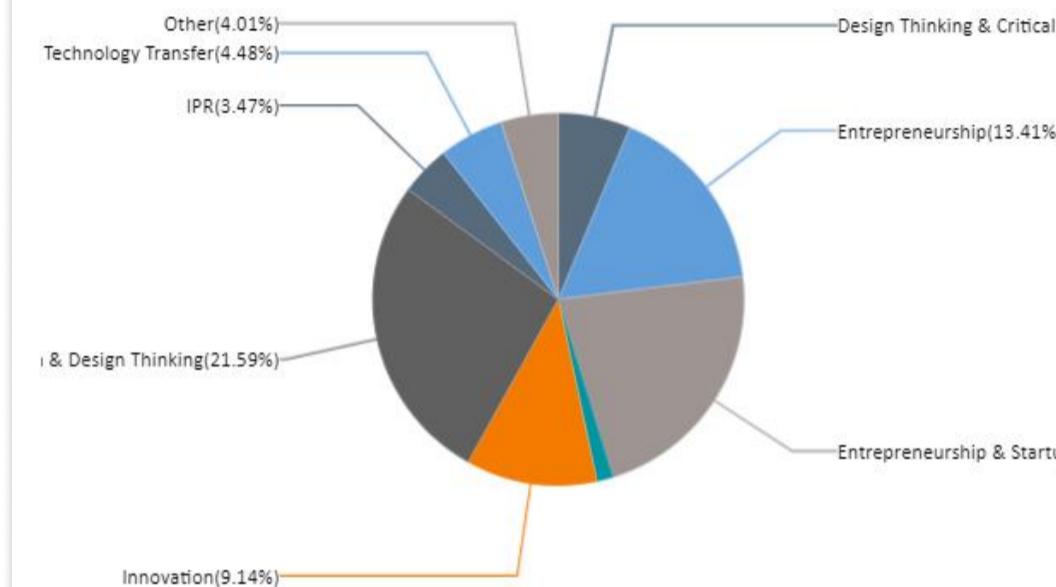
## REVIEWERS

## DEPARTMENTS

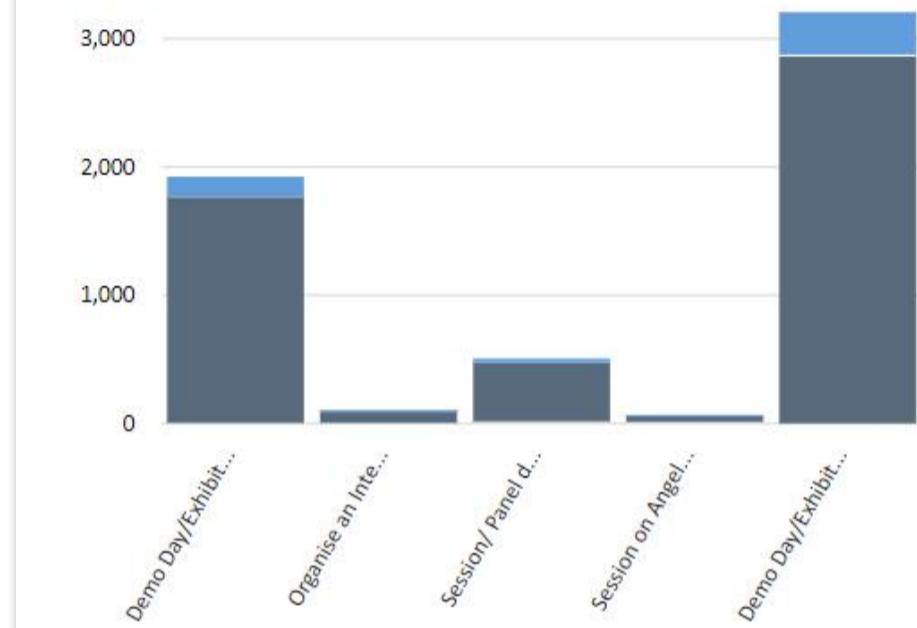
## SPECIAL LABS

## CLUBS

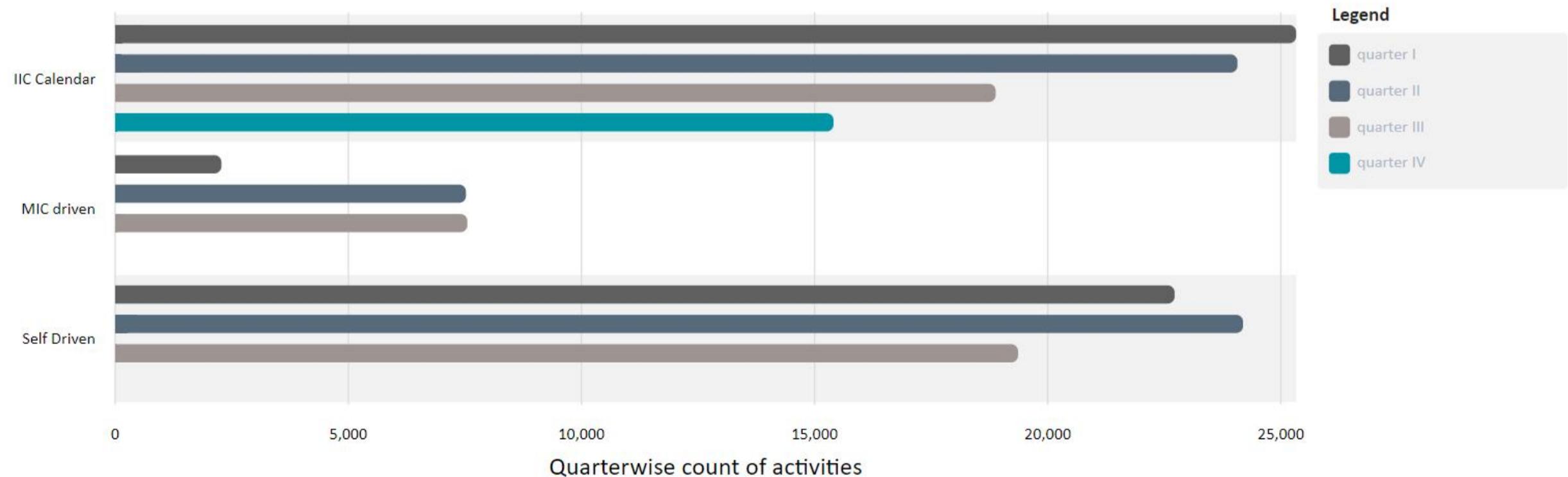
Activity By Theme



Overall Impact



My Activities





## DASHBOARD

## REVIEWERS

## DEPARTMENTS

## SPECIAL LABS

## CLUBS

S.No	Name	Received	Approved	Pending
1	Reviewer 1	10	7	3
2	Reviewer 2	10	7	3
3	Reviewer 3	10	7	3
4	Reviewer 4	10	7	3
5	Reviewer 5	10	7	3
6	Reviewer 6	10	7	3
7	Reviewer 7	10	7	3



IIC

Home

Events



Search

Approved Events



DESCRIPTION	QUARTER	ACTIVITY TYPE	DURATION	ACTION
marketing, and content creation.	Quarter I	MIC-Driven	01-01-2024 to 31-03-2024	
ash prizes and mentorship opportunities await!	Quarter II	Calendar	01-04-2024 to 30-06-2024	
to launch and grow successful startups.	Quarter III	Celebration	01-07-2024 to 30-09-2024	

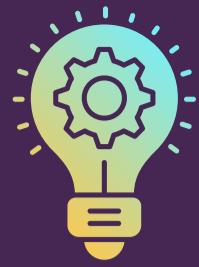


Previous

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Add Events



IIC

Home

Events



Search



EVENT ID	EVENT TITLE	QUARTER	ACTIVITY TYPE	ACTION
1001	Poster Presentation of startups developed & linkage with innovation ambassadors for mentors...	Quarter I	MIC-Driven	
1002	Poster Presentation of startups developed & linkage with innovation ambassadors for mentors...	Quarter II	Calendar	
1003	Poster Presentation of startups developed & linkage with innovation ambassadors for mentors...	Quarter III	Celebration	

Previous

1 - 3 of 3

Next

# CREATE ACTIVITY

Event Title \*

Description

Activity Type \*

Upload Document  
PDF(max 2MB)

Choose file      Browse

Start Date



End Date



Assign To \*

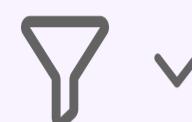


Deadline \*



Submit

Close

 Search

S.No	Activity	No. of Submissions	Remarks	
1	<b>Event ID:-</b> 1001  <b>Name:-</b> Poster Presentation of startups developed & linkage with innovation ambassadors for mentorship support <b>Type:-</b> IIC Calendar Activities	1		
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4	<b>Event ID:-</b> 1025  <b>Name:-</b> Poster Presentation of startups developed & linkage with innovation ambassadors for mentorship support <b>Type:-</b> IIC Calendar Activities	2	1. Attendance proof is not clear	

**Received****5****Approved****3****Pending****3****Q Search**

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[+ Add Course](#) Search

## Inbound Sales



02 Hrs. 11 mins.

6 Modules



## Understanding Design Thinking



02 Hrs. 11 mins.

6 Modules



## Consumer Behaviour



02 Hrs. 11 mins.

6 Modules

[Previous](#)

1 - 3 of 3

[Next](#)

# CREATE COURSE

Course Title \*

Description \*

No. of Videos \*

2



Photo

(max 2MB)

Choose file

Browse

Video-2

(max 2MB)

Choose file

Browse

Video-3

(max 2MB)

Choose file

Browse

Submit

Close