

# Research Hub



*Proposed Logo for Research Hub*

Research Hubs are social communities or work space or research centres that provide subject-matter expertise on technology trends, knowledge and strategic innovation management, and industry-specific insights. They enable active knowledge transfer between researchers and business experts, on the one hand, and industry, government and representatives of academia, on the other hand.

Research Hub is a new initiative by Department of Computer Application, Kristu Jyoti College of Management and Technology, Changanacherry. The Research Hub aims to become a platform for those students who wish to come out from their comfort zone and work on developing their academic skills. Also, to involve themselves in a community of people who has their point of thinking. Research hub involves the academic fraternity in conducting various workshops, seminars, conferences within the department and also as a part of faculty extension activities.

## **Aim:**

The objective of Research Hub is to promote the exchange of information and knowledge in research work, new inventions and developments in computer science towards the structuring of an information-rich society. Research Hub is dedicated to discuss, exchange ideas, share knowledge of student work and to facilitate them towards advanced academic related aspects like research and so on.

## **Objective:**

- The Objective is to develop synergies among students and a creative platform for the students in terms of Research, Journals, Paper Presentations, Hackathon, International Conference, Inventions, Innovative projects, Webinars etc.

- Enable interaction between faculty, scholars, students, and industry to enhance research opportunities, academic excellence, real-world problem solving, and knowledge creation and dissemination.
- Identifying potential innovators, personal and professional growth of every students of this club.
- Expanding knowledge and understanding of a chosen field outside of the classroom.
- Building community with peers, faculty and organizations on- and off-campus.

## **Authority:**

The proposed Research Hub functions under the direct supervision of the Post-Graduation Department of Computer Applications. The authority hierarchy is not defined till date and as the Hub catches its pace, responsibilities will be assigned to teachers and students.

The Authority panel comprises of the following members:

1. Rev. Fr. Joshy Cheeramkuzhy CMI (Principal)
2. Dr. O.T George (Director of MCA)
3. Roji Thomas (Head of the Department)
4. Susheel George Joseph (IQAC Coordinator)
5. Binny S (Research Hub Coordinator)

## **Proposed Activities:**

The following are some key activities through which, the proposed Research Hub is going to act upon:

### **1. Seminars and Conferences**

Seminars and Conferences are an unexceptional format of academic forums for effective knowledge transfer. A series of Seminars, Conferences (National & International) and even Symposiums are in the bucket list of the proposed Research Hub.

### **2. Faculty Development Program**

In today's educative contexts lecturers are even referred as facilitators rather than teachers, as facilitator is more like a mentor than a teacher who is supposed to be an expert in the domain. So, the faculties should be provided with adequate development programs in order to lead the students in today's ever-expanding knowledge base.

### **3. Project Facilitation**

The Research Hub aims at facilitating individuals and teams with training, analysis, consulting and guidance to ensure effective problem solving and decision making throughout the implementation life cycle of the project.

#### **4. Journal**

One among the most important objectives of the Research Hub is to publish own Journal in the field of Computer Science. It is aimed to publish articles on theoretical foundations of information and computation, and of practical techniques for their implementation and application in computer systems.

#### **5. Book of Chapters**

Another prime motive of the Hub is to 'Book of Chapters' or simply. 'Book Chapter'. Book Chapter could accommodate more class of writing structures than journal papers. Thus, it helps more students to showcase their knowledge and expertise, that too on a broader scale.

#### **6. Workshops and Hackathons**

'Learning by Doing' is not just a funny phrase for Ads. So Hands-on Workshops are something that can't be crossed-off from the bucket list. Hackathons also helps students to think out-of-the box for a problem's solution.

#### **7. Learning Programs**

The proposed Research Hub aims at introducing several Learning Programs (Both stand-alone & in association with third-party entities) to mould our students to be capable of thriving in Industrial Revolution 5.0

#### **8. Innovation**

Facilitating innovative ideas of students with knowledge, resource and capital will also considered with at most priority. For further advancement in the area of Innovation and Entrepreneurship, association with Inovus Labs IEDC will also be considered.

### **Events:**

#### **1. Webinar – How to write Research Article**

**Date:** 3<sup>rd</sup> June 2021

With an objective to promote the exchange of information and knowledge thereby to structure an information-rich society, the Post-Graduation Department of Computer Applications of Kristu Jyoti College of Management and Technology; in association with IQAC had formulated a 'Research Hub', to facilitate the students in their advanced academic related aspects.

As a stepping stone to the greatest endeavour, the Research Hub had organized a webinar session on the topic 'How to Write Research Article' on June 3rd 2021. The session was carried out by Mr. Daniel C (Ph.D.), from Department of Civil Engineering, Karunya Institute of Technology and Sciences, Coimbatore, Tamilnadu.

KRISTU JYOTI COLLEGE OF MANAGEMENT & TECHNOLOGY  
RESEARCH HUB  
DEPARTMENT OF COMPUTER APPLICATION  
IN ASSOCIATION WITH  
INTERNAL QUALITY ASSURANCE CELL (IQAC)

**INAUGURATION**  
Rev. Fr. Joshy Cheeramkuzhy CMI  
Principal  
Kristu Jyoti College Of Management  
And Technology

**RESEARCH HUB  
+ HOW TO WRITE  
RESEARCH ARTICLE**

**JOIN WITH ZOOM**  
JUNE 03 2021 - 10AM

**Coordinators**  
Roji Thomas ( Head of the Department )  
Susheel George Joseph ( IQAC Coordinator )  
Binny S ( Research Hub Coordinator )

**Research Hub**  
It is a social communities or work spaces that provide subject-matter expertise on technology trends, knowledge and strategic innovation management, and industry-specific insights.

**RESOURCE PERSON**  
Daniel C (Ph.D)  
Assistant Professor  
Department of Civil Engineering,  
Mohamed Sathak A J College of Engineering,  
Chennai.

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## 2. Paper Presentation Contest – Trends & Technologies in Multi-Disciplinary Research

**Date:** 14<sup>th</sup> & 15<sup>th</sup> June 2021

The Research Hub in association with the Internal Quality Assurance Cell (IQAC) had conducted an Online Paper Presentation Contest to as a stepping stone towards facilitating students in deep academic related aspects like Journal Publishing, Research Article Publishing etc: The contest conducted on the theme “TRENDS AND TECHNOLOGIES IN MULTI-DISCIPLINARY RESEARCH” was a great success.

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DEPARTMENT OF COMPUTER APPLICATION  
IN ASSOCIATION WITH  
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**RESEARCH HUB**

**ONLINE PAPER PRESENTATION CONTEST**  
14th & 15th JUNE 2021

**TRENDS & TECHNOLOGIES IN  
MULTI-DISCIPLINARY RESEARCH**

Rev. Fr. Joshy Cheeramkuzhy CMI  
Principal

Roji Thomas  
Head of the Department

**COORDINATORS**

Susheel George Joseph  
IQAC Coordinator

Binny S  
Research Hub Coordinator

### **3. Webinar – Selection of Research Article**

**Date:** 3<sup>rd</sup> July 2021

As the next step, Research Hub in IQAC is planning to host a Webinar on the topic: “Selection of Research Article” on 3<sup>rd</sup> July 2021.

### **4. International Conference - International Conference on Advance Modern Computing Trends and Technology (ICAMCTT 2021)**

**Date:** 30<sup>th</sup> & 31<sup>st</sup> July 2021

#### **Call for Paper Submission:**

As a part of the International Conference (ICAMCTT 2021), the Research Hub had announced a “Call for Paper” on the following streams of technology:

- Artificial Intelligence
- Machine Learning
- Deep Learning
- Cluster, Cloud and Grid Computing
- Big Data Analysis
- Smart Grids, Data Centres
- Computational Intelligence & Applications
- Green Technologies
- Heterogeneous Computing
- Data Mining & Data Science
- Mobile Computing
- IOT Applications
- Robotics
- Information Theory
- Photonics
- Data Protection & Privacy
- Virtual Reality
- Green Technology
- Mechanical & Mechatronics
- Operation
- Smart Manufacturing
- Data Analysis
- Blockchain
- Bio Technology
- Augmented Reality