

# National Conference on “Learning Techniques in Artificial Intelligence”



**19<sup>th</sup> May 2022**

Organized by  
Departments of  
Computer Science,  
Computer Application  
& Mathematics

## **CHRIST COLLEGE OF ARTS AND SCIENCE**

(An Institution of the Archdiocese of Madras - Mylapore)

(Affiliated to University of Madras, G.O. No: 226)

Kilachery, Via Perambakkam,  
Thiruvallur District – 631 402,  
Tamil Nadu, India.

Mobile : +91 75028 64401,

Email : christcollege1657@gmail.com

Website:

[www.christcollegekilachery.com](http://www.christcollegekilachery.com)



**ISBN: 978-93-91535-08-7**

We are inviting papers from Research Scholars,  
Post Graduate Students, Academicians and  
Industrialists in the following areas :

**Topics:**

- AI and its Applications
- Recent Trends in AI
- Smart Technology
- Learning Techniques in AI
- Data Analysis



**Sub Topics:**

- Deep Learning
- Machine Learning
- Q - Learning
- Sentiment Analysis
- Opinion Mining
- AI Technology for human activity / Activities Recognition
- Artificial Intelligence implemented to prevent Human from Wild Animals
- Revolution of Artificial Intelligence in preventing Wild Animals
- Decision making through Data Analysis using Automatic Learning
- Augmentation
- AI Technologies for Education
- Learning Techniques implemented in Environmental Safety

For further details contact the below members:

Co-Convenor :

**Dr.V. Priyadharshini**

+ 91 74492 31147

Convenor :

**Rev. Fr. Pradeep Christopher V**

+ 91 99621 46142

HOD's : **Mrs. K. Deepa Sundari** + 91 76397 88461

**Mr. V. Anbarasan** + 91 98403 16657

**Mr. J. Mannu** + 91 96269 44762

***Publish By:***

***A.R. Research Publication***

## About the Department

The Department of Computer Science and Computer Application were established in the year 2008. These courses give you an insight into the world of computer and its applications. These departments endeavour to educate students to acquire technical expertise and knowledge in the field of Computer Science.

The Department of Mathematics was established in 2016. The department is dedicated to impart high quality education in Mathematics to the undergraduate students for helping them to solve challenging problems by using mathematical theories and models.



## Objective

The objective of this conference is to bring out current and future development trends in the fields of Artificial Intelligence. This conference will provide an opportunity to the academic and student community to update their knowledge in the latest technologies and developments in this area.

## About College

Christ College was established in 2008 by the Archdiocese of Madras - Mylapore in Kilachery Village, Thiruvallur District, Tamil Nadu, to promote higher education among the rural people.

The Archdiocese of Madras - Mylapore has a history of over 500 years, offering spiritual services, social welfare and education to the poor and needy in Chennai and the neighbouring districts, Thiruvallur and Kanchipuram.

The college offers six Undergraduate Courses and three Postgraduate Courses.

## Organising Committee :

### Management Committee :

**Most Rev. Dr. George Antony**samy,  
Archbishop of Madras -Mylapore, Chairman

**Rev. Fr. Louis Vembliath**,  
Rector

**Rev. Fr. Harry Williams J**,  
Secretary

**Rev. Dr. Anthony Sebastian A.L.**,  
Principal

**Rev. Fr. Arulmani Joseph**,  
Principal In-Charge

**Dr. Aravindan S**,  
Vice Principal

### Convenor :

**Rev. Fr. Pradeep Christopher V**,  
Dean – Science

### Co - Convenor :

**Dr. V. Priyadharshini**,  
Assistant Professor  
Department of Computer Science

### HoD's :

**Mrs. K. Deepa Sundari**,  
HoD, Department of Computer Science

**Mr. V. Anbarasan**, HoD, Department of Computer Application

**Mr. J. Mannu** , HoD, Department of Mathematics

### Co-ordinators :

**Mrs. J. Shobana**, Assistant Professor

**Mrs. B. Jothi**, Assistant Professor

**Mrs. R. Padmini**, Assistant Professor

**Mrs. J. Jayapriyadharsini**, Assistant Professor

**Mr. D. Balaji**, Assistant Professor

**Mr. E. Anandan**, Assistant Professor

**Mrs. R. Usha Rani**, Assistant Professor

**Ms. K. Sevanthi**, Assistant Professor

### Student Co-ordinators :

**Mr. V. Barathwaj** – III B.Sc., CS

**Ms. J. Jerophine** – III B.Sc., CS

**Mr. M. Viswaeshwaran** – III BCA.,

**Ms. R. Vanitha** – III B.Sc., Maths

**Ms. R. Subhashini** – III BCA.,

**Mr. H. Vasikaran** – III B.Sc., Maths

**Ms. V. Sandhiya** – I M.Sc., CS

**Mr. A. Santhosh** – I M.Sc., CS

**Mr. Rajavelu** – II M.Sc., CS

**Mr. Naveen kumar** – II M.Sc., CS

### Paper Submission Guidelines

Prospective authors are kindly invited to submit full papers including results, tables, figures and references. All authors should submit original, previously unpublished papers, experimental or theoretical results. Papers would be reviewed based on the originality of the work, quality and relevance to the main theme of the conference.



Proceeding of the conference has been published with ISBN: 978-93-91535-03-2

**National Conference on "Learning Techniques in Artificial Intelligence" LTAI-2022** organized by: Department of Computer Science, Computer Application & Mathematics, CHRIST COLLEGE OF ARTS AND SCIENCE, (An Institution of the Achdiocese of Madras-Mylapore) (Affiliated to University of Madras, G.O. No: 226) on **19<sup>th</sup> May 2022**

Total 100 papers were received for the conference and 30 papers were shortlisted by the committee.

1. Accepted papers will be published in the peer reviewed international journals having ISSN & High Impact factor.
2. Selected Papers will be published in the UGC Care listed international journals having ISSN & High Impact factor.
3. Few very good quality Papers will be published in the Scopus indexed journal having ISSN & High Impact factor.
4. Author will get certificates, one for paper publication in Journal other for paper presentation in conference as per their choice
5. All the papers of the conference will be published in the conference proceeding with ISBN.
6. All the accepted and presented/Non Presented papers will be indexed in Google scholar & IDIIF.

**Published by**

**AR Research Publication,**

3/186 Santpura Govindpuri Modinagar- 201201 . Dist: Ghaziabad

**National Conference on "Learning Techniques in Artificial Intelligence" LTAI-2022** (Vol-01) Copyright © 2022, by AR Research Publication (India)

No part of this publication may be reproduced or distributed in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise or stored in a database or retrieval system without the prior written permission of the publishers. The program listing (if any) may be entered, stored and executed in a computer system, but they may not be reproduced for publication.

This edition can be exported from India only by the publishers, AR Research Publication (India) ISBN: **978-93-91535-08-7**

Managing Director: Gauri Sharma

Senior Researcher—Product Development: Ms. Pratima Singh

Head—Production (Higher Education and Professional): Satinder Kulkarni

Information contained in this work has been obtained by AR Research Publication (India), from sources believed to be reliable. However, neither AR Research Publication (India) nor its authors guarantee the accuracy or completeness of any information published herein, and neither AR Research Publication (India) nor its authors shall be responsible for any errors, omissions, or damages arising out of use of this information. This work is published with the understanding that AR Research Publication (India) and its authors are supplying information but are not attempting to render engineering or other professional services. If such services are required, the assistance of an appropriate professional should be sought.

Cover Design: Rishab Kumar