

REPORT ON NATIONAL CONFERENCE ON CONTEMPORARY RESEARCH AND COMPUTER INTELLIGENCE- NCCRACI-2022

ORGANIZED BY
DEPARTMENT OF COMPUTER SCIENCE

The main objective of National Conference on Contemporary Research and Computer Intelligence (NCCRACI-2022) is to discuss the state-of-the-art developments, challenges and unsolved open problems in the field of research and computer Intelligence. The conference promotes all aspects of computational intelligence theory, algorithm design, applications, and related emerging techniques. The National Conference on Contemporary Research and Computer Intelligence (NCCRACI-2022) brings together leading researchers, engineers and scientists in the domain of interest across the country by providing a platform to present new advances and research outcomes in the field of Computational Intelligence. The conference work started from 25th August 2022. The organizing committee includes

Chief Patrons

Rev. Dr. V. John Bosco, Founder & Managing Trustee

Rev. Fr. A. Albin Roby, Founder & Trustee

Patrons

Rev. Fr. Sam F Mathew, Secretary

Dr. M. Edwin Ganandhas, Principal

Convener

Prof. Dr. R. Amala Rose, Head of the Department

Organizing Secretary

Prof. Dr. R. Kavitha Jaba Malar

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Prof. S. Renuka

Prof. A. Amala Arul Reji

Prof. A. Angel Mary

Prof. P. Jasmine Lizy

Prof. P.Ganga Eswari

Prof. T.P. Pradeepa

Mr. Manish

Mr. Edwin

Students Coordinators

R.M Saju

K. William Branham

The conference invited full original research contributions not submitted to any other journal/conferences. We invited technical papers on, but not limited to the following domains because computer is related with all fields.

- Image Processing
- Big Data Analysis
- Wireless Sensor Networks
- Data Mining
- Network Security
- Network Communications
- Embedded Systems
- IOT
- Machine Learning
- Cloud Computing
- Block Chain

All submitted papers are checked for plagiarism and papers which are not satisfying the criteria are summarily rejected. Four persons acts as reviewers Dr. M. Anand, SRM University Chennai, Dr. R. Gladis, Vels Institute of Science and Technology, Chennai,

Dr. S. Nirmala Sugirtha Rajini, Dr. MGR Educational and Research Institute, Chennai and. Dr. R. Kavitha Jaba Malar, St. Johns College of Arts and Science, Ammandivilai. All accepted papers are published in proceedings of the conference with ISBN. Selected quality papers are published in UGC care listed journal. All papers are received in a separate Email ID: conferencejohnscs@gmail.com. We received 108 papers. 97 papers are accepted for conference proceedings. 80 papers are selected for UGC care listed Journal. Department of Mathematics requested us to receive their quality papers on national conference on Emerging Trends in Discrete and Abstract Mathematics (NCETDAM-2022). We received 28 papers from Department of Mathematics. As a total 97 papers are published in conference proceedings and $(80 + 28 = 108)$ are submitted to the UGC care listed Journal for publication.

National Conference on Contemporary Research and Computer Intelligence (NCCRACI-2022) was held on 28th October 2022 at Fr. Jan Vriend Auditorium at 9:30 am. The inaugural session begins with a prayer song sung by the computer science department students. The dignitaries lighted the lamp. Dr. R. Kavitha Jaba Malar , Organising Secretary welcomed the gathering. Dr. D Sam Dayala Dev, Director of ISRO Inertial Unit, Thiruvananthapuram inaugurates the conference. Dr. M.Edwin GnanaDhas, Principal of the college felicitates the delegates and participants of the event. Dr. D Sam Dayala Dev released the conference proceedings and Dr.M. Edwin GnanaDhas received the proceedings. Dr. R. Amala Rose, Head of computer science department delivered the vote of thanks.

Technical Session-I started with the Keynote Address presented by Dr. D Sam Dayala Dev, Director of ISRO Inertial Unit. He focused about space robotics and explained about Humanoid space Robots and Free flying space robots. He also briefed about the emerging trends of AI in space robotics. As a conclusion he visualized the Agile Robotic Assistant, Space quadruped and the Artificial intelligence game changer in space exploration.

After a tea break the paper presentation sessions started, with the session chairs Dr. D Sam Dayala Dev, , Director of ISRO Inertial Unit, Thiruvananthapuram, Dr. V. Joseph raj, Head and Associate Professor Research Department of Computer Science, Kamaraj college, Thoothukudi. Dr. MM. Janeela Theresa, Associate Professor and Head, Department of Computer Application, St. Xaviers catholic college of Engineering, Chunkankadai. And Dr L.C. Manikandan, Professor, Department of computer science and engineering, Valia Koonambaikulathamma college of Engineering and Technology, Chavarcod, Parippally, Thiruvananthapuram, Kerala. The paper presentations extended across two sessions and provided extensive information and insights into Computational Intelligence. The papers reflected current trends in neural networks, image processing, data mining and human computer interaction. The online presentation session occurs in google meet with a link <https://meet.google.com/ged-mqay-hgs> at 12:00 pm.

Technical Session-II started after the lunch, Rev. Dr. John Bosco, Founder and chairman, St. Johns College of Arts and Science, Ammandivilai, Chaired the Technical session-II. Dr. R. Kavitha Jaba Malar gave an introductory talk about the session. Dr. V. Joseph Raj, Head and Associate Professor Research Department of Computer Science, Kamaraj college, Thoothukudi, presented the Keynote Address². He narrates about the advances on Artificial Intelligence. He pinpointed the algorithms in Artificial Intelligence. As a conclusion he insisted that MinST based ANN model makes the ANN very efficient tools for solving classification problems and he viewed that Deep learning is the latest tool of AI.

Best presentation award goes to R. Godwini, Research Scholar of Womens Christian College, Nagercoil. Dr. John Bosco, Founder and chairman, St. Johns College of Arts and Science, Ammandivilai distributed the cash prize award to her. Prof. A. Angel Mary delivered the vote of thanks. Feedback was received from the few participants. The conference ends with National Anthem.

PHOTO GALLERY

WELCOMING THE GUEST'S





DIGNITARIES AT THE STAGE



LIGHTING THE LAMP



CONFERENCE PROCEEDINGS- RELEASE





HONOURING THE DIGNITARIES







CONFERENCE GATHERING



TECHNICAL SESSION-I



TECHNICAL SESSION-II



PRESENTATION SESSION



ONLINE PRESENTATION SESSION



CONFERENCE FEEDBACK FORM

**NATIONAL CONFERENCE ON CONTEMPORARY RESEARCH
AND COMPUTER INTELLIGENCE- NCCRACI-2022**

28-10-2022

ONLINE FEEDBACK FORM

NAME & DETAILS

R.EZHIL ARASI, Research Scholar, WCC, Nagercoil

	Excellent	Satisfactory	Poor	N/A
Registration Packets	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Registration Procedures	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Opening Session	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Keynote Presentations	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Variety of Breakout Topics	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Breakout Presentations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Meeting Rooms	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Meals	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Awards Ceremony	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conference Overall	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

REPORT PREPARED BY: DR. R. KAVITHA JABA MALAR

