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2nd INTERNATIONAL CONFERENCE

on

EMERGING TECHNOLOGIES IN
ARTIFICIAL INTELLIGENCE, IoT
AND BLOCKCHAIN

ICAI - 2024

(October 25th-26th, 2024)

Organized by

Department of Computer Science and Engineering



**RVS COLLEGE OF
ENGINEERING AND TECHNOLOGY**
JAMSHEDPUR, JHARKHAND
Approved by AICTE, New Delhi and Affiliated to Jharkhand University of Technology

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It is planned to publish the peer reviewed and selected papers of conference as proceedings with Springer in their prestigious **"Communications in Computer and Information Science"** Series

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RVS College of Engineering and Technology, Jamshedpur was established in year 2004 with an objective to impart higher and quality education in the field of technology, thereby serving our society. We are recognized by the All India Council of Technical Education (AICTE), New Delhi and Jharkhand University of Technology (JUT), Ranchi. We have reached enviable level of excellence in Technical Education.

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ICAI-2024

2nd International Conference on **Emerging Technologies in Artificial Intelligence, IoT and Blockchain (ICAI-2024)** will be organized by **R.V.S College of Engineering & Technology, Jamshedpur**, Jharkhand, India on **October 25th-26th, 2024** in "Blended mode" mode. ICAI-2024 will be a major conference organized with the objective of bringing together researchers, developers, and practitioners from academia and industry working in the area of Artificial Intelligence and Internet of Things. Original, previously unpublished, and high-quality research papers addressing research challenges and advances in Advanced Artificial Intelligence and Internet of Things would be appreciated.



AUTHOR GUIDELINES FOR SUBMISSION

- + All submissions must be in English only.
- + Original papers based on theoretical or experimental works related to the above mentioned sub themes are solicited for presentation in the conference. The paper should begin with title, short abstract and a list of keywords. Simultaneous submissions (papers already submitted to other conferences/journals) are not allowed.
- + All papers must follow Springer formatting guidelines.
- + Please do not submit plagiarized papers.
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CALL FOR PAPERS

The theme of ICAII-2024 is “Emerging Technologies in Artificial Intelligence, IoT and Blockchain”. The topics of the conference include, but are not limited to:

ARTIFICIAL INTELLIGENCE

- + Computer Vision and Speech Understanding
- + Neural Networks
- + AI in Agriculture
- + Pattern Recognition
- + Computational Intelligence
- + Robotics and Machine Vision
- + Reinforcement Learning
- + Computer Vision
- + Recommender Systems
- + Statistical Learning
- + Human-Machine Interfaces
- + Deep Learning and Applications
- + Machine Perception
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- + Robot Design, Development and Control
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- + AI in Internet of Things
- + Behavior-Based AI
- + Computational Intelligence

IoT AND BLOCKCHAIN

- + IoT Protocols and Transports
- + Regulatory Compliance and Blockchain
- + IoT Architectures & Protocol
- + IoT System Architecture
- + IoT Enabling Technologies
- + Blockchain in Healthcare
- + Internet & Mobile Communication Networks
- + Fiber Optic Sensing In IoT
- + Health Monitoring & Management Systems
- + Internet & Mobile Communication Networks
- + Blockchain Governance Models
- + Blockchain Interoperability
- + IoT In Water Resource Management
- + IoT In Agriculture
- + Smart Healthcare
- + IoT In Supply Chain Management
- + IoT In Smart Grids
- + IoT Application In Smart Cities
- + Blockchain for Supply Chain Transparency
- + Blockchain and IoT Integration
- + IoT analytics
- + M2M (Machine-To-Machine) Wireless Sensor Systems
- + Software defined solutions for IoT

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Paper Submission Deadline: August 31st, 2024
Notification of Acceptance: September 20th, 2024
Deadline for Registration & Final Paper: October 3rd, 2024
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Dr. Harmeet Kaur

Dean, Faculty of Commerce & Management, Jharkhand Rai University, India

has graced as the Session Chairperson & Committee Member of the 'Eurasian Conference on Business, Management, Social and Economical Advancements' dated : 11 – 12 May, 2024 (Online)

Ref. No : ECBMSEA-2024/KS-CM/03

Prof. Dr hab. Joanna Paliszekwicz
ECBMSEA-2024 Conference Chair
Director, Management Institute, Warsaw University of
Life Science - SGGW, Warszawa, Poland.
www.sggw.edu.pl

Dr(hc) Rania Lampou
ECBMSEA-2024 Conference Chair
President, Eurasian Research Organization
ERO - EU
www.eurasianresearch.org

Dr. C. M. Patel
ECBMSEA-2024 Conference Chair
Director, Research Culture Society.
President, International Scientific Research Organization.
www.researchculturesociety.org



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Certificate of Appreciation

This is to certify that

Dr. Harmed- Lawe, Dean of Jharkhand Rai university

In recognition for his/her valuable contribution as "Chairperson/Co-Chairperson/
Resource Person" in Technical Session in the INTERNATIONAL CONFERENCE-2024 on
**"RECENT DEVELOPMENTS IN COMMERCE, BUSINESS MANAGEMENT, TECHNOLOGY
AND SOCIAL INNOVATION"** which took place on 4th-5th January 2024, organized by
**Faculty of Commerce & Business Management, Sarala Birla University, Ranchi -
Jharkhand.**

Wish you best of luck for your future endeavours.

Convenor
Dr. Sandeep Kumar
Dean (C&M)

Co-Patron
Prof. (Dr.) Vijay Kumar Singh
Registrar

Chief Patron
Prof. (Dr.) Gopal Pathak
Vice Chancellor

International Conference on Business, Management, Social and Economical Advancements



Date: 21 – 22 October, 2023 (Online Mode)



Jointly Organized by
Management Institute, The Warsaw University of Life Sciences, Poland.
International Scientific Research Association
Research Culture Society

Certificate of Appreciation

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Dr. Harmeet Kaur

Dean, Faculty of Commerce & Management, Jharkhand Rai University, India

has graced as the Session Chairperson & Committee Member of the 'International Conference on Business, Management, Social and Economical Advancements' dated : 21 – 22 October, 2023

Ref. No : ICBMSEA23/SCP-CM/04

Prof. Dr. hab. Joanna Palisziewicz

ICBMSEA-2023 Conference Chair

Director, Management Institute, Warsaw University of Life
Science - SGGW, Warszawa, Poland.

www.sggw.edu.pl

Dr. C. M. Patel

ICBMSEA-2023 Conference Chair

Director, Research Culture Society.

President, International Scientific Research Association.

www.researchculturesociety.org



" DST Purse Sponsored 5 Days Workshop On Technical Document Writing using LaTeX and Ethical Practices in Research & Publications "

Certificate of Participation


This is certify that


Shevangani Bihari


of

Thakhand Rai University

has participated in the "DST Purse Sponsored 5 Days Workshop On Technical Document Writing using LaTeX and Ethical Practices in Research & Publications" held in Birla Institute of Technology, Mesra from 11th - 15th December 2023.


Prof. Dilip Datta
Dept. of Mech. Engg.
Tezpur University, Assam.


Dr. Sharmila Subudhi
Dept. of CS,
MSCB University, Odisha.


Dr. Abhijit Mustafi
Coordinator, DST Purse
BIT Mesra, Ranchi.

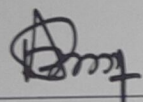


JIS INNOVATION AWARD

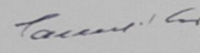
Certificate of Achievement

This is to certify that _____ Sudipta Mangal _____ of
_____ Pharmaceutical Technology _____ Department has been awarded with
JIS Innovation Award in the Category of _____ Publication of Paper _____
in the Academic Year 2021-2022





DR. BHABES BHATTACHARYA
VICE CHANCELLOR
JIS UNIVERSITY



Sardar Taranjit Singh
CHANCELLOR
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JISUCONPH 2024



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20-22 November 2024

CERTIFICATE OF PARTICIPATION

SUDIPTO MANGAL (REG No. -JISUCONPH/2024/REG-264)

This certificate is awarded to **Prof/Dr./Mr./Mrs./Ms.** _____

of **JHARKHAND RAI UNIVERSITY**

who has participated as delegate in the International Conference on the theme of “**Modern Tools and Approaches in the Emerging Field of Pharmaceutical and Biomedical Research**” held on November 20-22, 2024.

Prof. Bhabes Bhattacharya

Vice-Chancellor, JIS University

Department of Pharmaceutical Technology

JIS University, Kolkata, India

Estd. 2016, PCI Approved, NIRF Ranked

Organizing Secretary,

JISUCONPH2024