COMAT-2023

International Conference on COMPUTER SCIENCE AND MATHEMATICS-2023 (COMAT-2023), 29-31, DECEMBER 2023(ONLINE)

ORGANISED BY

NEW RESEARCH AND INNOVATION SOCIETY (NEWRAINS), Chennai, India

In association with

Akenten Appiah-Menka University of Skills Training and Entrepreneurial Development (AAMUSTED), Ghana

Walchand Institute of Technology, Solapur, Maharashtra, India

Supported by

Right Click, Singapore.

About Us

NEW RAINS is an emerging scientific and professional organization from India, established in the year 2023. NEW RAINS aims to connect Research Scholars, Scientists, Academicians and Professionals from Industry. NEW RAINS will serve the International Research and Academic community through dissemination of knowledge on recent advances in various fields of Science, Engineering, Medical science, social science, Management etc. among the students, researchers, academicians, and professionals through various activities including publications and conferences.

About the Conference

New RAINS is organizing International Conferences, Workshops and Training Programmes in collaboration with International Universities of repute and Top Institutions in India for the benefit of researchers and academic professionals in the World. Recently NEW RAINS organized a multidisciplinary conference successfully with emerging themes which was well received and over 300 scientists, academicians and industry experts from across the Universe participated. The outcomes of the presentations are being published in SCI, Scopus, Web of Science and UGC CARE journals. The second international conference is organized by NEW RAINS in association with Akenten Appiah-Menka University of Skills Training and Entrepreneurial Development (AAMUSTED), Ghana and Walchand Institute of Technology, Solapur, Maharashtra, India and supported by Right Click, Singapore. The conference will have Keynote and invited talks from International Experts from across the World. Oral and poster presentations will cover all the themes.

About AAMUSTED:

The Akenten Appiah-Menka University of Skills Training and Entrepreneurial Development (AAMUSTED), was established on August 27, 2020, under Act 1026 of 2020 of the Parliament of the Republic of Ghana.

AAMUSTED was formed from the College of Technology Education, Kumasi (COLTEK) and the College of Agriculture Education (CAGRIC), Asante-Mampong, which were campuses of the University of Education, Winneba. It is Ghana's foremost Technical and

Vocational Education and Training (TVET) and Entrepreneurship Teacher Education Institution.

About Walchand Institute of Technology, Solapur, Maharashtra, India:

Shri Aillak Pannalal Digambar Jain Pathashala Trust started this college in July 1983. The Institute is affiliated to the Solapur University, Solapur and approved by the All India Council for Technical Education, New Delhi (A.I.C.T.E., New Delhi).

Themes: Computer science and Engineering and its applications (not limited to)

- Artificial Intelligence and applications
- IoT and applications
- Deep learning and applications
- CNN and applications
- ML and applications
- Big Data
- Data science
- Machine Learning & Applications
- Software Engineering
- Digital Twin Technologies and Smart Cities
- Cyber Security
- Cloud Computing
- Data Mining
- Blockchain Technology
- Wireless Technology
- Mobile Computing
- Parallel Computing
- Quantum Computing and Cryptography
- Scientific Computing
- Cyber hacking and Cyber monitoring
- Digital forensics in intelligent data
- Big data security and Database security
- Intelligent data mining in security
- Security and fault tolerance for embedded
- Cloud-based intelligent data and security issues
- Sensor network security and solutions
- Vulnerabilities on smart contract
- Internet of Things and cyber-physical systems
- Blockchain-based security applications and challenges
- Access Control in Wireless Robotics
- Bio-inspired algorithms for secure parallel processing

Themes: Mathematics and its Applications (not limited to)

- Applied Mathematics
- Algebra and Analysis
- Computational Fluid Dynamics
- Data Analysis and Statistics
- Differential Equations (ODE/PDE)
- Fuzzy Sets and Applications
- Formal Languages and Automata Theory
- Graph Theory and Applications
- Mathematical Biology
- Numerical Analysis and Optimization
- Set theory
- Probability and statistics
- Topology
- Number theory
- Inventory control
- Operation Research
- Complex Analysis
- Real Analysis
- Functional Analysis
- Difference Equations
- Fuzzy logic
- Fluid dynamics
- Mathematical Finance
- Business Mathematics
- Engineering Mathematics
- Bio-Mathematics
- Mathematical Modeling
- Statistical Quality Control
- Random Processes
- Discrete Mathematics

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Email: comat2023@newrains.com

Cell No: +91-8838702557

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REGISTRATION

Paper presentation (Oral/Poster-online)
Faculty members - Rs.500
Students/ Research Scholars- Rs.500
Industry Delegates - Rs.1500
International Delegates- USD 70

(20% discount in registration fees is applicable to NEW RAINS LIFE MEMBERS)

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IMPORTANT DATES

Last date for Abstract Submission: **20.11.2023**
Intimation Regarding Acceptance: **30.11.2023**
Last date for Registration: **01.12.2023**
Last date for Submission of full paper: **15.12. 2023**

Participation certificates will be issued after the conference to all the participants. Abstracts shall be submitted online on the website (newrains.com). Registration as a delegate shall be done using the google sheet available on the website.

REGISTRATION LINK:

https://forms.gle/pBod75pR63MHfM3S9

SUBMISSION OF FULL PAPER / ABSTRACT

All Abstracts/full Papers should be submitted electronically to comat2023@newrains.com

Best paper Presentation awards:
The best paper presentation will be selected by an evaluation committee in every stream and cash prizes will be awarded along with Award certificates.

PUBLICATION

All submitted papers will be reviewed by the technical committee of the conference (including similarity index check). The Proceedings containing the abstracts of all accepted papers will be released on the first day of the conference. Furthermore, all the selected papers will be peer-reviewed by the experts of the specialized area and recommended for journal review. At least one of the authors of the selected paper should register and present the paper.

All the selected Abstracts will be published in the **Conference proceedings with ISBN number** during the conference.

All the selected peer reviewed full papers will be published in **SCI/ SCIE/ ESCI/ SCOPUS/ Web of Science (UGC CARE List-II) and UGC CARE List-I journals** (upon payment of Article Processing Charge, as per journal norms).

List of Journals: Please download from website.

JOURNAL PARTNERS

IEEE Xplore (Scopus)

(All computer Science papers will be published after peer review in its journal)

INDIAN JOURNAL OF SCIENCE & TECHNOLOGY

Journal Link: https://indjst.org/

More Journals [Scopus, SCI etc.] are to be added.

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