



INTERNATIONAL CONFERENCE ON

Recent Evolutions in Applied Sciences & Engineering-2024

(INCREASE-2024)

19th -20th April, 2024

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Organised by:
Department of Applied Sciences, CUIET
Chitkara University, Punjab



About Chitkara University

In the year 2002, Chitkara Educational Trust established its Punjab campus 30 kilometres from Chandigarh, on the Chandigarh–Patiala National Highway. In the year 2010 Chitkara University was established by the Punjab State Legislature under “The Chitkara University Act”. Chitkara University, the best university in Punjab is a government-recognized university with the right to confer degrees as per the Sections 2(f) and 22(1) of the UGC Act, 1956. The sprawling campus of the University is equidistant from Chandigarh, Mohali, Panchkula, Ambala and Patiala. The University offers multi-disciplinary programs, all of which are designed to be industry-relevant.

As a result of this student-centric approach, Chitkara University is renowned as one of the best private universities in the North India region. The University in Punjab provides several opportunities for local students, too, to visit foreign universities and institutions on such exchange programs, thereby helping them receive invaluable international exposure. The University has at the centre of its philosophical core the commitment to excellence in education. It is the strong academic heritage of the University, and such firmness on matters of principles that has seen it grow from strength to strength in such a short span of time.

About the Department

The Department of Applied Sciences is a dynamic academic hub that merges theoretical knowledge with practical applications. Comprising diverse scientific disciplines like Mathematics, physics and chemistry the department prioritizes hands-on learning. Students engage in experiments and research projects, honing their skills for careers in technology, healthcare, and environmental management. Faculty members, often both scholars and practitioners, create an environment fostering critical thinking and collaboration. The department’s research initiatives contribute to technological advancements, medical breakthroughs, and sustainable solutions, playing a crucial role in shaping the future of science and innovation.

About the Conference

The International Conference on Recent Evolutions in Applied Sciences & Engineering-2024 (INCREASE-2024) is a global forum for researchers, academics, and professionals to present and discuss their Recent Evolutions, research results, and developments in applied sciences and engineering. The conference provides a platform for participants to share their knowledge, experience, and expertise with the international community, and to foster collaborations and partnerships with other researchers and practitioners. The conference covers a broad range of topics related to applied sciences and engineering, including but not limited to: artificial intelligence, biotechnology, civil engineering, computer science, electrical and electronics engineering, environmental science, materials science, mechanical engineering, and renewable energy. Participants can present their work in the form of oral presentations, poster sessions, and interactive discussions.

Call for Papers

We are pleased to invite you to submit research papers for the International Conference on Recent Evolutions in Applied Sciences & Engineering, which will be held on 19 th - 20 th April, 2024 at Chitkara University, Punjab, India. This conference aims to bring together researchers, scholars, and practitioners from around the world to discuss Recent Evolutions, trends, and challenges in the field of applied sciences and engineering.

Topics of interest for paper submissions include, but are not limited to:

Track 1:

- Applied, Computational & Mathematical Physics
- Computational Intelligence Methods
- Stability, boundedness, oscillation, and periodicity
- Reliability Analysis
- Analytical and numerical methods for the solution of differential equations
- Nuclear Physics, Computational Physics, Condensed Matter Physics
- Models in engineering and Physical sciences
- Bio-inorganic, Bio-organic & Bio-Physical Chemistry and Analytical Chemistry
- Chaotic systems, Fuzzy differential equations
- Stochastic differential equations and their applications, Applications of integral transforms, Theoretical
- Algebraic Coding Theory, Graph Theory
- Natural Product and Green chemistry

Track 2:

- Machine Learning and Deep Learning
- Big Data, Computational Intelligence, Statistical Analysis,
- Biomedical engineering and applications
- Chemical and material sciences
- Civil engineering and sustainable infrastructure
- Computer and information sciences
- Electrical and electronics engineering
- Environmental engineering and sustainable development
- Mechanical and industrial engineering
- Nanotechnology and its applications
- Renewable energy and energy conservation
- Robotics and automation, Cloud Computing, Quantum Computing, Fog/Edge Computing

Important Dates:

Full Paper Submission Deadline: 25th February, 2024

Last Date for Registration: 25th February, 2024

Conference Dates: 19th – 20th April, 2024

Registration Fee Details:

Participants	National	International
From Industry	INR 3000	USD 70
Academician(s)	INR2000	USD 50
Research Scholar/Student	INR1500	USD 30
Attendees	INR750	USD 20

Paper Submissions / Publication

All authors are required to register on the following link before submission of papers:



Scan to Register

After Registration, Submit your Research Paper (in the MS Word Format) online at the following link:



*All submitted papers will undergo a rigorous review process by the Journal Editorial Board. Selected papers will be published in Scopus-indexed journals with additional processing fees. (upon acceptance of the article, publication charges are to be paid by the author)

Accommodation

The participants of the Conference, who want to stay at Chitkara University, Punjab during Conference, will have to pay Rs. 3000/- per person for accommodation (including meal). No TA/DA will be provided for attending the conference.

KEYNOTE SPEAKERS



Dr. Mohamed Reda Ali
Benha University, Egypt



Dr. Mohammad Taghi Darvishi
Kent State University, Ohio, United States



Dr. Şerife Müge Ege,
Ege University, Turkey,



Dr. Harish Garg,
Thapar University, Punjab, India



Dr. Md. Golam Hafez
Chittagong University of Engineering and
Technology, Chattogram, Bangladesh



Dr. Monit Kapoor,
CUIET, Chitkara University, Punjab, India

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VIT, Chennai

GJUST, Hisar, Haryana

MMU, Ambala, Haryana

University of North Carolina, US

JIIT, Noida

Thapar University, Punjab.

SBBS University, Jalandhar

MDU, Haryana

MDU, Haryana

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