

The 2<sup>nd</sup> International Conference on Optimization Techniques in Engineering and Technology Engineering (ICOTET 2024) is an inventive event organized with the motive of making available an open international forum for researchers, academicians, technocrats, scientists, engineers, industrialists and students around the globe to exchange their innovations, interact and share the research outcomes which may lead the young researchers, academicians and industrialist to contribute to the global society. ICOTET 2024 is being organized on 14<sup>th</sup> – 15<sup>th</sup> June 2024 at Dronacharya Group of Institutions, Greater Noida, UP, India

## ABOUT DRONACHARYA GROUP OF INSTITUTIONS

### Dronacharya Group of Institutions, Greater Noida

To impart Quality Education, to give enviable growth to seekers of learning, and to groom them as World Class Engineers and Managers competent to match the expanding expectations of the Corporate World has been an ever-enlarging vision extending to new horizons of the Dronacharya Group of Institutions. 'Dronacharya Group of Institutions' is committed to serving society and improving the mode of life by imparting high-quality education in Engineering and Management, catering to the explicit and implicit needs of the students, society, humanity & industry.

#### Vision

Instilling core human values and facilitating competence to address global challenges by providing Quality Technical Education.

#### Mission

- Enhancing technical expertise through innovative research and education, fostering creativity and excellence in problem-solving.
- Cultivating a culture of ethical innovation and user-focused design, ensuring technological progress enhances the well-being of society.
- Equipping individuals with the technical skills and ethical values to lead & innovate responsibly in an ever-evolving digital landscape.

## Success Story : ICOTET 2022

The inaugural ICOTET-2022 took place at the Dronacharya Group of Institutions in Greater Noida, India. The event drew 150 research paper submissions from around the world, covering diverse subjects that reflect the conference's focus on emerging trends across various fields. With a commitment to academic rigour, a stringent peer-review process led to the acceptance of 110 research papers. These selected papers showcased innovative ideas and insightful findings, enhancing scholarly discussions. ICOTET serves as a testament to global knowledge pursuit, innovation, and collaboration. Each year, it aims to elevate academic discourse standards, encourage interdisciplinary engagement, and illuminate emerging trends across diverse areas of knowledge.

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# DRONACHARYA

## Group of Institutions

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# ICOTET-2024

2<sup>nd</sup> International Conference  
On Optimization Techniques in  
Engineering and Technology  
(June 14 - 15, 2024)

Organized By :

Dronacharya Group of Institutions,  
Greater Noida

## CALL FOR PAPERS

ICOTET 2024 extends an open invitation for paper submissions, actively seeking contributions from researchers, practitioners, academicians, and students. The conference's ambit covers diverse tracks within Optimisation Tools and Techniques in Engineering and spans multidisciplinary research domains. Prospective submissions should comprise original, unpublished manuscripts, not concurrently undergoing review in other journals or conferences. The scope of topics includes, but not limited to the following areas:

Theme

### Track 1 (Optimization and Hybrid Algorithm)

- Learning Algorithms
- Meta-Heuristic Optimisation Algorithms
- Response Surface Methodology
- Taguchi's Method
- Nature Inspired Optimizations Techniques
- Simulation-Based Optimisation Techniques
- Industrial Optimisation
- Machine Learning Techniques

### Track 5 (Industry 4.0 and Automation)

- Industry 4.0: Theoretical and Practical Approaches
- Artificial Intelligence-of-Things (AIOT) for Industry 4.0
- Machine learning for Industry 4.0
- Internet of things(IOT) for Industry 4.0
- Cyber-physical system for Industry 4.0
- Data Science and Big Data
- Virtual Reality and Augmented Reality for Industry 4.0
- Cyber/Data Security for Industry 4.0

### Track 2 (Computational Methods)

- Intelligent Computing and optimization
- Data security & Blockchain
- Scientific Computing Systems
- Cloud Computing and Security
- Artificial Intelligence ML and Big Data
- Sensor Data and Computing in IOT
- Numerical Methods

### Track 6 (Product Design and Development)

- Designing for sustainability
- Product design
- Design Semantics, Analytical Models and Theories
- AR/VR developments and the Metaverse
- Art, Design and Skills for Creativity and Innovation
- Advanced Materials and Fashion Design
- Cognitive Design and Ergonomics studies
- Other relevant topics...

### Track 3 (Industrial Engineering and Entrepreneurship)

- Sustainable Production System
- Smart and Digital Supply Chain Management System
- Quality, Production Control and Safety Tools and Assurance
- Operations Management
- Product Design and Development
- Reliability and Maintenance
- Entrepreneurship Theory and Policy
- Entrepreneurship Education and Capacity Building
- Materials Management and Waste Management

### Track 4 (Advance Manufacturing)

- Digital Manufacturing/Smart Manufacturing
- Additive Manufacturing/3D Printing
- Sustainable Manufacturing
- Nature Inspired Manufacturing
- Green Manufacturing
- Surface Engineering
- Intelligent Manufacturing Systems

## CONTACT US

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## IMPORTANT DATES

Electronic Submission of Full Papers	30 <sup>th</sup> April, 2024
Notification of The Paper Acceptance	5 <sup>th</sup> May, 2024
Early Bird Registration & Submission of Camera Ready-Papers	5 <sup>th</sup> May, 2024
Late Registration & Submission of Camera Ready-Papers	15 <sup>th</sup> May, 2024
Conference Dates	14 <sup>th</sup> - 15 <sup>th</sup> June, 2024

## REGISTRATION

### Indian Delegates (INR)

Category	Early Registration	Late Registration
UG & PG Students/ Research Scholar	10,000	10,500
Faculty/ Academicians	10,000	11,000
Industry Delegates	10,000	12,000
Attendees	2000	3000

### International Delegates (US \$)

Category	Early Registration	Late Registration
UG & PG Students/ Research Scholar	200	250
Faculty/ Academicians	250	300
Industry Delegates	300	350

## REGISTRATION DETAILS OF ICOTET 2024

- Candidates are advised to visit our website <https://www.icotet.in/> regularly for updates.
- All Paper presenters & conference attendees require pre-registration.
- Only registered participants are allowed to attend the conference.
- Fill up the separate registration form for each participant.

- For online registration delegate has to do NEFT first and update the transaction ID on the online gateway or send a Scanned copy of the payment DD or Bank transaction receipt along with a signed copyright form must send to the Organizing chair by email at [icotet@gnindia.dronacharya.info](mailto:icotet@gnindia.dronacharya.info)
- Students must attach a copy of the identification card of their institute with the registration form.
- At least one author of each accepted paper must register by May 20, 2024 and present the paper at the conference in order to include the paper in the ICOTET-2024 Conference Proceedings.
- Bring physical copies of the registration form, payment DD or Bank transaction receipt along with a signed copyright form at the time of the conference.

## COLLEGE ACCOUNT DETAILS

Bank Name : **Canara Bank, Jagat Farm, Greater Noida**  
Account Name : **Dronacharya Group of Institutions**  
Account Number : **88951010000239**  
Branch Address : **Jagat Farm, Greater Noida**  
IFSC Code : **CNRB0002807**  
MICR Code : **110015485**

## Author Guidelines :

### - Paper Submission Guidelines :

- Researchers are welcome to submit an original high-quality manuscript which has not been submitted anywhere for publication. It should not be under consideration and not be copyright protected.
- All the manuscript submitted to the conference must have plagiarism less than 15%.
- Submission Link : <https://forms.gle/uKoGGZSxTMHe3fZD6>

### - Publication :

- All the accepted paper will be indexed by Google Scholar with ISBN no and DOI.
- Selected papers will be published by peer reviewed journals from reputed publishers like Bentham Science, CRC Press, Springer Book Chapter, IOP Publishing, De Gruyter will be submitted to Scopus and Web of Science indexing.
- ICOTET 2024 CONFERENCE PROCEEDING WILL BE PUBLISHED IN AIP CONFERENCE PROCEEDING, SCOPUS AND WEB OF SCIENCE INDEXED (APPROVED)

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