

FREE
REGISTRATION



THE 5th INTERNATIONAL UNDER-GRADUATE RESEARCH CONFERENCE

9 - 12 August, 2021

Cairo EGYPT

IUGRC 2021

INNOVATION HAS HISTORY

CALL FOR PAPERS

About

In order to motivate the spirit of innovation and scientific research among the engineering students, the Ministry of Defense invites undergraduate students from engineering faculties/schools all over the world to demonstrate their skills, talent and innovated ideas in engineering sciences. The IUGRC activities are intended to be forum that facilitate and promote communication and cooperation among participants. Participating in this event will help you expand your knowledge, network, discuss challenges, and share ideas during technical sessions and networking breaks.

VIRTUAL CONFERENCE



The safety and well-being of all conference participants is our priority. In this context the conference will now be held virtually through WEBEX.

Important Dates

Abstract submission	May 31, 2021
Submission of manuscript	July 20, 2021
Opening session	Aug 9, 2021

Conference Tracks

- ME** Mechanical Engineering
- EEE** Electrical & Electronics Engineering
- CAE** Civil & Architecture Engineering
- CEE** Chemistry & Environmental Engineering

English is the official conference language

Sponsor

MINISTRY OF DEFENSE



Partners



MILITARY TECHNICAL COLLEGE

■ LIAISON TECHNICAL CENTER FOR RESEARCH AND DEVELOPMENT (LTC-R&D)
■ TECHNOLOGY AND INNOVATION COMMERCIALIZATION OFFICE (TICCO)

CALL US: (+202)24036110 - (+202)22621908
ADDRESS: AL-KHALIFA AL-MAAMON STREET KOBRY AL-KOBA, CAIRO - EGYPT



Special Awards for
best paper in each track



iugrc.conferences.ekb.eg
iugrc@mtc.edu.eg
mtc_ltc@mtc.edu.eg
ltc_tico@mtc.edu.eg

IUGRC 5

Conference Tracks

TRACK 1

ME

Mechanical Engineering

- Mechanical Power Engineering
- Robotic, Automation and Control
- Dynamics and Vibration
- Material Science and Processing
- Production Technology
- Solid Mechanics
- Mechanical Design
- Automotive Engineering
- Mechatronics
- Ballistics
- Acoustics and Noise Control

TRACK 2

EEE

Electrical & Electronics Engineering

- Communication Systems
- Artificial Intelligence
- Computer Science and Engineering.
- Automation and Control Engineering
- Signal and Image Processing
- Guidance & Navigation Systems
- Radar Systems & Remote Sensing
- Biomedical Engineering
- Circuits and Systems and VLSI Design
- RF and wireless systems
- Electrical Machines and Power Electronics

TRACK 3

CAE

Civil & Architecture Engineering

- Concrete Structures
- Geotechnical Engineering
- Material Quality and Control
- Metallic Structures
- Project Management
- Sanitary Engineering
- Structural Analysis and Design
- Surveying and Photogrammetry
- Transportation Engineering
- Water Resources Engineering
- Architectural Engineering
- Building Technology
- Environmental Engineering
- Urban Planning

TRACK 4

CEE

Chemistry & Environmental Engineering

- Kinetics & Catalysis
- Transport Phenomena & Thermodynamics
- Electrochemical Engineering & Corrosion
- Chemical and Ceramic Technology
- Chemical Detection and Analysis
- Polymeric Materials
- Nanotechnology and Chemical applications
- Pollution and Environmental Protection
- Energetic Material Technology
- NBC Protection

ORGANIZING COMMITTEE

Chairman	Maj. Gen. Prof. Ismail Mohamed Kamal Ismail
Vice Chairman	Maj. Gen. Prof. Moutaz Abo El-Noor
Dean of the College	Maj. Gen. Prof. Yahya Elhalwagy
Conference Rapporteur	Brig. Gen. Prof. Mohamed Misbah ElKhatib
Conference Co-Rapporteur	Brig. Gen. Prof. Mahmoud Abdalla
Conference Co-Rapporteur	Brig. Gen. Assoc. Prof. Ahmed Elbeih

STEERING COMMITTEE

Col. Dr. Amr Abdelazeez
Col. Dr. Ayman Saad
Lt. Col Dr. Ahmed Eldahshan
Maj. Dr. Ahmed Mahrous

TRACKS ORGANIZERS

Track 1	Col. Dr. Mohammed Atef
Track 2	Maj. Dr. Mohammed Haggag
Track 3	Lt. Col. Dr. Mohammed Zahran
Track 4	Lt. Col. Dr. Ahmed Omar

TECHNICAL COMMITTEE

Lt. Col. Karim Taha
Cap. Mohammed Shaffek

iugrc.conferences.ekb.eg
iugrc@mtc.edu.eg
mtc_ltc@mtc.edu.eg
ltc_tico@mtc.edu.eg

