



SEGT 2023

2nd INTERNATIONAL CONFERENCE ON SUSTAINABLE ENERGY & GREEN TECHNOLOGY

JUNE 23rd to
24th 2023

Organized by



Department of Mechanical Engineering
RKGIT Ghaziabad (UP) - 201003, India

In Association with



About RKGIT Ghaziabad

Raj Kumar Goel Institute of Technology, Ghaziabad, established in September 2000, is a self-financing institute under the registered trust Raj Kumar Goel Educational Foundations. The institute is recognized by All India Council for Technical Education (AICTE) and is affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow for B. Tech., B. Pharm., B.B.A., & M.B.A program. It is also a counselling center for the SEE-AKTU, the state entrance examination center for Ghaziabad Zone. RKGIT is also nominated by University as the nodal center for university examinations. The mission of RKGIT, Ghaziabad is to advance knowledge and educate students in science, technology, and other areas of scholarship that will best serve the nation and the world in the 21st century.

About Mechanical Engineering Department

The Department of Mechanical Engineering has the reputation of being among the finest in the state with a vision to be recognized globally for creating competent professionals. It has to its credit a strong team of 20 highly qualified and richly experienced faculty members, 10 out of whom are either PhDs or pursuing it from institutions of high repute. The department is well equipped with state of art laboratories that impart practical training to supplement theoretical knowledge. The department consistently strives to provide avenues to students for skills development and academic mobility to improve the potential for employability.

About the Conference

The scope of the conference, SEGT-23 is to provide a multi-disciplinary platform to the research community where they can share their cutting-edge ideas and innovations related to the different areas of Materials Manufacturing and Energy Technologies. The conference provides an opportunity for research scholars, academicians and engineers from all over the world to share and discuss their latest research findings and recent developments in various areas of mechanical and energy technologies. The conference will provide the opportunity to flourish the knowledge and help the participants to pursue research successfully in these areas.

Call for Papers

SEGT-2023 invites faculty, researchers, industrial participants and students to submit their original research work in Sustainable Energy & Green Technologies. All papers must be submitted through email id: segt2023@gmail.com. All submitted paper will be peer reviewed and accepted paper will be published in reputed Journals/proceedings indexed by major databases including the SCI/SCIE/ESCI/Scopus/Web of Science and UGC Care etc.

*Article processing charges (APC) will be applicable for publication in Journals

Keynote speakers

Prof. H C Lim, Pusan National University, South Korea
Prof. P. N. Rao, University of Northern Iowa, USA
Dr. R.K. Gupta, North Carolina State University, USA
Dr. Ashutosh Sharma, AJOU University South Korea
Dr. Manigandan Kannan, the University of Akron, USA
Dr. Amit Kumar, NUIST Nanjing, China
Dr. Nadim R. K., North South University, Bangladesh
Mr. Rakesh Barik Managing Director, Deloitte India.
Prof. B.S.V Prasad Patnaik, IIT Madras
Prof. Santosh K. Sahu, IIT Indore
Prof. Amit Pal, DTU, Delhi
Prof. Arvind Gupta, YMCA Faridabad
Prof. N. P. YADAV, BIET Jhansi
Dr. Dibakar Rakshit, IIT Delhi
Dr. B.D. Yadav, BIT Sindri
Dr. Satyapriya Gupta, IIT Dharwad
Mr. Gaurav Kumar, Manager , BEL Ghaziabad

Themes of the Conference

Topics for SEGT-23 include three different themes, but are not limited, to the following:

Sustainable Energy

- ❖ Hydrogen Energy and Fuel Cell Technology
- ❖ Biomass, Bio-Energy and Bio-Fuels
- ❖ Battery Thermal Management
- ❖ Biological Heat Transfer
- ❖ Heating, Ventilation and Air Conditioning (HVAC)
- ❖ Smart Grid / Smart City / Smart Mobility
- ❖ Heat exchangers
- ❖ Micro electro mechanical systems
- ❖ Fluidized bed technology
- ❖ Mineral processing
- ❖ Energy Conservation and Management
- ❖ Energy Efficient Building
- ❖ Environmental Protection
- ❖ Emerging Technology
- ❖ Electric Vehicle Integration
- ❖ Waste to Energy Conversion
- ❖ Photovoltaic and Solar Thermal
- ❖ Aerodynamics and Fluid Mechanics

Green Technologies

- ❖ Sustainable Technologies for Energy Conversion
- ❖ Green Design, Products and Manufacturing Processes
- ❖ Sustainable Cities, Architecture and Green Buildings
- ❖ Industry 4.0
- ❖ Automation, Mechatronics, and Robotics
- ❖ Aerospace and Automotive Technology
- ❖ Waste Management and Waste Water Treatment
- ❖ Ceramic and composite materials
- ❖ Materials for Energy Storage and harvesting

- ❖ Nano Materials for Sustainability
- ❖ Smart Bio-Materials
- ❖ Tribology and Heat Treatment
- ❖ Green Materials
- ❖ Intelligent logistics and transportation
- ❖ Safety, Security and Risk Management
- ❖ Supply Chain Management
- ❖ Metal casting, metal joining processes

Inter-Disciplinary Engineering & Allied topics

- ❖ Artificial Intelligence
- ❖ Hybrid machine intelligence techniques
- ❖ Big Data analytics
- ❖ Cloud computing
- ❖ Cognitive computing
- ❖ Computational learning theory
- ❖ Computer graphics
- ❖ Cyber-physical systems
- ❖ Digital Thread and Twins
- ❖ Evolutionary Computing
- ❖ Fuzzy stochastic/time series modeling
- ❖ Image processing
- ❖ Intelligent Decision Support Systems
- ❖ Machine learning
- ❖ Multi Agent Systems (MAS)
- ❖ Statistical computation and simulation
- ❖ Nuclear Engineering
- ❖ Agriculture Engineering
- ❖ Chemical Engineering
- ❖ Automobile Engineering
- ❖ Civil & Environmental Engineering
- ❖ Electronics & Communication Engineering
- ❖ Biomedical Engineering
- ❖ Biological and pharmaceutical sciences
- ❖ Augmented reality and virtual reality

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Registration Fee

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Attendee	₹1000	\$50

*Best Paper Award for Each Conference Track

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For more detail visit the conference website: <https://rkgit.edu.in/SEGT2023>

Important Dates

Deadline for submission of paper	5th June 2023
Notification of Acceptance	10th June 2023
Revised Manuscript Due	15th June 2023
Last date of Registration	20th June 2023
Conference Date	23th - 24th June 2023

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Paper Submission

Submit your paper at

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Contact Details

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Conference Chair, SEGT-2023

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