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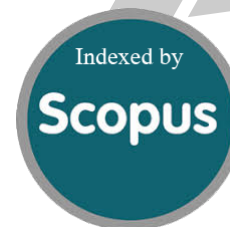
12-B Status from UGC



**1st International Conference (Virtual Mode)
on**

**“Simulation, Automation
& Smart Manufacturing
(SASM 2021)”**

20th - 21st, August 2021



Record No. 51857

About SASM 2021

The International Conference on Simulation, Automation & Smart Manufacturing (SASM 2021) will be organized by Department of Mechanical Engineering, GLA University, Mathura, India, 20-21, August 2021. The conference is technically sponsored by IEEE UP Section. Looking at the importance of Simulation, Automation & Smart Manufacturing and their applications in smart computation, industrial automation & robotics, smart manufacturing and power energy system to increasing environmental concerns. This conference theme is set on “Simulation, Automation & Smart Manufacturing”, and it is planned to further explore these research areas. SASM 2021 also targets to present latest research on new strategies for overcoming the technical challenges of machine learning, IoT, mechatronics & robotics, Artificial Intelligence in manufacturing process, grid integration of renewable energy. This conference will be a launch pad for many researchers to present emerging topics on IoT application in renewable energy sector, energy storage, energy conversion, virtual manufacturing, robot performance evaluation and benchmarking, driver transmission and actuators, computational fluid dynamics, FEM, FEA, instrumentation and control etc. SASM 2021 would have tutorials, keynotes, panel discussion, paper & poster presentations, and opportunities for industry/trade exhibits. It would offer ample networking opportunities for scientific & industrial collaboration.

About IEEE

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Tracks:

1. Smart Computation

Computational Fluid Dynamics
FEA/FEM
Instrumentation and Control
Optimization of Systems
Systems and components Drives, transmissions and actuators
Digital and switched fluid power systems
Modeling & Simulation
Machine Learning
Internet on Things (IoT)

2. Industrial Automation & Robotics

Autonomous robotics
Mobile robotics,
Intelligent robot systems,
Robot design, Micro and nano robots,
Robot Performance Evaluation and Benchmarking,
Industry Automation and IIoT, Image Processing, MEMS
Fluid power in Mechatronics and Robotics

3. Smart Manufacturing

Optimization Techniques in Digital Manufacturing,
Advanced Manufacturing Technologies
Virtual Manufacturing
Precision engineering and metrology
Supply Chain Management
CAD/CAM/CAE
Process planning and Scheduling
Artificial Intelligence in manufacturing processes
Green Manufacturing

4. Power and Energy Systems

Renewable Energy
High Voltage Engineering
Energy Conversion
AI in Power Systems
Energy Storage
Smart Grid
IoT applications in renewable sector

IMPORTANT DATES:

Paper Submission Starts :	October 15, 2020
Last Date of Paper Submission :	June 30, 2021 (Final Deadline)
Acceptance Notification :	March 15, 2021 onwards
Last Date of Registration	July 15, 2021
Camera Ready Submission :	April 15, 2021 onwards
Conference Dates :	August 20 -21, 2021

Registration Fee

The authors agree that if the paper is accepted for oral/ poster presentation, at least one of the author will register for the conference and present the paper at conference venue.

Registration Link: <https://forms.gle/839egTQfbTTmQxad7>

The registration fee (inclusive of all taxes) is given below for your reference:

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submission offer on registration fee upto 50%**

Category	Submission Upto 15 th April	Submission Upto 15 th May	Submission Upto 15 th June	After 15 th June
Registration Fee (IEEE Members)				
International Participants	USD 150	USD 180	USD 225	USD 250
SAARC IEEE Members	USD 65	USD 80	USD 100	USD 120
Corporate Participants(in INR)	₹5000	₹6000	₹7000	₹8000
Academicians(in INR)	₹3500	₹4000	₹5000	₹6000
Students(in INR)	₹3000	₹3500	₹4000	₹4500
IEEE Life Member	Free			
Registration Fee (Non-IEEE Members)				
International Participants	USD 200	USD 240	USD 300	USD 350
SAARC Members	USD 100	USD 120	USD 150	USD 175
Corporate Participants(in INR)	₹5500	₹6500	₹7500	₹9000
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A/C NAME:	GLAU CONFERENCE & WORKSHOP ACCOUNT
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PAPER SUBMISSION

The full length paper is to be submitted through Microsoft Conference Management Tool . To submit a paper in SASM2021 CLICK HERE:

<https://cmt3.research.microsoft.com/SASM2021>

Authors are invited to submit full paper as PDF using the IEEE templates. Paper drafts must be prepared in English with a maximum of six (6) printed pages in IEEE format (10-point font, double-column and A4) including figures, tables and references.

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Research Centre for Nano-Materials and Energy Technology School
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About Organizing Institute

GLA University is one of the premier universities in India, situated in Northern India. The university was established by our present Chancellor, Shri Narayan Das Agrawal in 1998. The chancellor envisioned GLA as a quality educational institution to serve the higher education needs of the youth of the region and beyond. The institute was accorded the status of university under the U.P. State Legislative Act of 2009 (UP Act 21 of 2010). Recently the University was accredited with 'A' grade by NAAC. It spread across 110 acres of land and is home to more than 12,000 students, enrolled in a variety of professional courses. It boasts of well designed and maintained buildings, contemporary laboratories, spacious residential complexes and recreational facilities. The facilities of such kind and grandeur make the GLA campus one of the best in the region, providing its students an ideal environment to hone their skills in an increasingly competitive and demanding world.

Under the banner of GLA University, Department of Mechanical Engineering is constantly and consistently working to achieve core objectives of the University. Department facilitates, state of art laboratories where students can realize their ideas into tangible objects in terms of new technologies and engineering products. Department has Solar Energy Research Centre (SERC), Nano Micro Research Centre (NMRC), Automotive Research Centre and well established workshops and other laboratories.

Department is consistently delivering high quality research. The Faculty of the department are highly qualified and extending their expertise in academic and research.. The department of Mechanical Engineering blossoms with the specialized technical and professional excellence and as on date it has developed into a pillar of strength of GLA University. In order to cater the need of skilled professionals for rapidly growing industrial base the department is offering Undergraduate (B.Tech) in Mechanical Engineering, Mechatronics Engineering, Automobile Engineering and Smart Manufacturing Post Graduate (M.Tech) and Doctoral (Ph.D) programmes in Mechanical Engineering. The department is constantly decisive to educate the mechanical engineers of tomorrow by integrating the theoretical and practical knowledge and accentuating on the learning and critical thinking.

Contact us

Phone: +91 -8171603555, +91 -9457265122

E-mail: sasm2021@gla.ac.in

Website: www.gla.ac.in/sasm

