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Special Session

on

“Innovative Latest Trends in Engineering and Technology”

in

International Conference

on

Technological Advancements in Computational Sciences

(ICTACS-2022)

10th – 12th October 2022

at

**Amity University, Tashkent City. Street Labsak, Building-70, 100028,
Uzbekistan.**

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All accepted & presented papers of the Conference by duly registered authors, will be submitted to [IEEE Xplore](#) Digital Library for Inclusion.

Session Chair:

- **Prof (Dr.) Jasur Safarov, Tashkent State Technical University**
- **Mr. Sunil Verma, Amity University in Tashkent**

Important Weblinks:

- To visit Conference Website, [click here](#)
- For Research Paper Submission, [click here](#)
Research Paper/ Article/ Manuscript will be submitted through [EasyChair](#) only.
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Important Dates:

Paper Submission Deadline:	06-July-2022
Notification of Acceptance:	20-August-2022
Camera Ready Paper Submission Deadline:	10-September-2022
Last Date of Registration:	20-September-2022
Conference Date:	10 th – 12 th October 2022

[Amity University](#) is research driven University which offers higher education in diverse field from Engineering, Management, Life Sciences, Applied Science and the like. Amity University provides quality platform for research in field of Academics. The campus is organizing International Conference on Computation, Automation and Knowledge Management on 10th – 12th October 2022.

This Conference includes many topics which were deeply deliberated, and which brewed new ideas. Thus, giving rise to new avenues for researcher. We aim to take those concepts further to derive fresh hypothesis and arrive at the logical deductions. The participation of scientist from across the globe was very encouraging in our last conferences organized in India. This time we are anticipating even larger congregation from more diverse domains as we are reaching out too many eminent philosophers, thinkers and academicians from scientist fraternity.

Aim and Scope:

The rapid advances in technology brings in newer challenges like never, before. The challenges get further compounded when world faces unprecedented happenings such as Engineering & Technology, COVID-19, Pandemic, and incremental Cyber Security threats in an otherwise presumably secure environment. The interdependency of different domain provides greater areas for consideration while deducing postulates. AI, IoT, ML brings in exciting approaches to attack the complex problems being encountered. The speed with which operations are getting transformed is phenomenal. Automation, which is largely dependent on computation, is playing a bigger role in these transformations. The productivity quotient has gone up with zero rejects. Mathematical modelling has come to stay as integral component to test the computational designs, for their veracity and usefulness. Computational models are often coupled with high performance computing to solve complex physical problems arising in Engineering analysis and design.

Sub-themes (*but not limited to*):

- Biomedical and Engineering Fluid Mechanics.
- Transportation Systems.
- Mechatronics and Robotics
- Combustion and the Environment.
- Mathematical Modelling
- Food Processing
- Ground Vehicle Systems.
- Heat Transfer, Thermodynamics and Energy Systems.
- Aerospace and Automobile
- Manufacturing.
- Chemical Technology
- Physical Technology
- Mechanical Design.
- Mechatronics
- System Dynamics and Control.
- Use of Machine Learning in Security of Biomedical Images.

Note: It is a mandatory requirement that all papers submitted for this session must be e-mailed to er.sunilverma19@gmail.com, sverma@amity.edu along with [EasyChair](#) submission.

In case of any query, please write to us on:
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