

Special Session

International Conference on “Futuristic Sustainable Energy & Technology-2021”

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Industry 4.0: Challenges and Applications

Submitted by

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Industry 4.0, the fourth industry revolution, is a digital technology which has transformed the face of manufacturing/production industry, related industries and allied processes. Digitalization - powered by the use of sensors, software, communication technology and big data analytics - is resulting in leaner and more efficient factories called as smart factories. In Industry 4.0, there is an extensive combined use of IoT, big data analytics, artificial intelligence and cloud, machine learning and deep learning models which form the basis of wide variety of applications. However, combination of different technologies at single platform gives rise to many issues and challenges which requires a significant attention of both industry and academia. This special session will provide a platform to share their research, findings and future directions which will help development of automated smart industries and processes.

Topics of Interest include but not limited to

- Industry 4.0 Applications
- Industrial IOT and IoT Analytics
- Automated Tools and Techniques
- Secure Information management and retrieval
- Information and Communication Technologies.
- Applications of Deep Learning in Industry 4.0
- Advanced Robots
- Horizontal and Vertical System Integration
- Cloud: Road to Industry 4.0
- Role of Big Data and Analytics in Industry 4.0