

## COVID-19 PANDEMIC – AI, IOT, ROBOTICS, AND MODERN TOOLS TO FIGHT IT

CALL FOR BOOK CHAPTERS



List of topics (not limited to)

- AI for COVID-19: The journey so far
- The history of epidemics and evolution so far
- Tracing the origins of COVID-19
- Impact of COVID-19 in higher education
- Machine learning for COVID-19: Diagnostics/treatments
- Deep learning for COVID-19: Diagnostic/treatments
- Predictor system for tracing COVID-19 spread
- Robotic agents based healthcare assistance in handling COVID-19 patients
- Tips on climate change due to suspended human activities during COVID-19 lockdown
- Assessing the economic impact of COVID-19
- Smart sanitizing systems for community sanitization
- Patient recovery and tracing repercussions of COVID 19 in discharged patients
- Ensuring social distancing through apps/IoT systems

### Aims & Scope

The COVID-19 has hit the global at a colossal scale. With worldwide reported cases of 5.34 million, and declared as pandemic by World Health Organization, it has led to severe impact on humanity. Being a highly contagious disease it has put up global health services to its severe challenges. Various countries are fighting to minimize the losses due to the outbreak, however a common trait is enforcing lockdown. Researchers are working round the clock to find a breakthrough in the diagnostics and treatment of the pandemic. The global lockdown has introduced new challenges and has led to formulation of new societal challenges. The aim of this book is to publish state of art global research findings on impact of modern day technologies like Artificial Intelligence, Machine Learning, Deep Learning, data science, Robotics, Internet of Things, etc. in fighting against COVID-19.



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### Important Dates

Submission of Abstracts: ~~June 30, 2020~~ Extended: 15 July 2020

Notification of conditional Acceptance: July 25, 2020

Submission of full chapter: August 12, 2020

Submission of camera ready chapter: September 10, 2020

For queries, write to: [covid19.book.submission@gmail.com](mailto:covid19.book.submission@gmail.com)

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