

## ABOUT VIT CHENNAI

Founded in 1984, VIT has made a mark in the field of higher education in India imparting quality education in a multi-cultural ambience, intertwined with extensive application-oriented research. VIT was established with the aim to provide quality higher education on par with International Standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. VIT was established by well-known educationalist and former parliamentarian, Dr. G. Viswanathan, Founder and Chancellor, a visionary who transformed VIT into a center of excellence in higher technical education. Govt. of India recognized VIT as an Institution of Eminence (IoE). ARIIA, Govt. of India recognized VIT as an No. 1 Private University for Innovation. MHRD, Govt of India ranked VIT as No.18 among the Engineering Institutions (NIRF-2019 ranking). VIT Chennai is ably spearheaded by Dr. Sekar Viswanathan, Vice President, Dr. Sandhya Pentareddy, Executive Director, Dr. Anand A. Samuel, Vice Chancellor and Dr. V. S. Kanchana Bhaaskaran, Pro-Vice Chancellor. The School of Mechanical Engineering is headed by Dr. Sivakumar R, Professor & Dean. They share in the mission to make VIT a global center towards academic and research excellence.

## About the Conference

The main objective of this International Conference on Robotics, Intelligent Automation and Control Technologies (RIACT 2020) is to provide a virtual platform to researchers and practitioners from both academic institutions and industries to meet and share cutting-edge developments in the areas of Robotics, Automation and associated disciplines. This virtual conference also provides an opportunity to exchange research evidence and innovative ideas.

## Advisory Committee

Prof. M. Osman Tokhi, LSBU, London UK  
Prof. Daniel Schilberg, UAS\_BO, Germany  
Dr. Fulvio Mastrogiovanni, University of Genova, Italy  
Dr. Asuman Suenbuel, SAP Labs, Silicon Valley, USA  
Mr. Vincenzo Marchica, CEO, Vincix Group, London, UK  
Dr. Milena Y Krumova, EITED, Bulgaria  
Dr. Hao Su, City University of New York, USA  
Prof. Minoru Sasaki, Tohoku University, Japan  
Mr. Stefano Tonello, IT+Robotics, Italy  
Mr. Abhilash Gopalakrishnan, STSDS, TCD, Ireland  
Dr. Mohan P, TIM, Wallcolmonoy Limited, UK  
Mr. Narasiman Velladurai, Arrayes Ltd, Sydney, Australia  
Dr. Mohan S, USP, Fiji  
Dr. Vani Vasudevan, Program Leader, SCIMS, USP, Fiji  
Prof. Sivaramakrishnan R, Anna University, India  
Dr. N Seetharaman, CVRDE, DRDO, Chennai, India  
Dr. Arunachalam N, IIT Madras, India  
Dr. Sreekumar M, IIITDM, India  
Mr.R.Marimuthu, TCS Limited, India  
Dr. Annamalai K, VIT Chennai, India  
Dr. V.Sugumaran, VIT Chennai, India

## Technical Review Committee

Dr Michael Short, Teesside University, UK  
Dr Mark Ovinis, UTP, Malaysia  
Dr Sasitharan Subramanian, ABB, Ludvika, Sweden  
Dr Latifah Nurahmi, ITS Nopember, Indonesia  
Dr Subhasis Bhaumik, IEST, West Bengal, India  
Dr Sudheer.A.P, NIT Calicut, India  
Dr. Dinakaran D, HITS, Tamil Nadu, India

Dr. S. Shankar, Kongu Engineering College, India  
Dr. I Thirunavukkarasu, MIT MANIPAL, India  
Dr. Poongodi C, Kongu Engineering College, India  
Dr. G. Satheesh Kumar, SSN, India  
Dr T Muthuramalingam, SRM, India  
Dr R Senthilnathan, SRM, India  
Dr. G. Ananthi, Thiagarajar College of Engineering, India  
Dr. N. Maheswari, VIT Chennai, India  
Dr. V.G. Sridhar, VIT Chennai, India  
Dr. I.S. Rajay Vedaraj, VIT Vellore, India  
Dr. T.S.Pradeepkumar, VIT Chennai, India  
Dr. P.S. Nithya Darisini, VIT Chennai, India  
Dr. R.Manoj Kumar, VIT Chennai, India  
Dr. M.Sivagami, VIT Chennai, India  
Dr. V.Berlin Hency, VIT Chennai, India  
Dr Keyur B Joshi, VIT Vellore, India

## Key Topics

- Robot Design, Development & Control
- Modelling & Simulation
- Mobile & Autonomous Robots
- Rehabilitation Robots & Devices
- Agricultural, Space & Underwater Robots
- Medical & Service Robots
- Collaborative Robots
- Micro/Nano Robotics
- Intelligent Automation Systems
- Intelligent Fault Detection and Diagnosis
- Industrial Networks and Automation
- Control and adaptation Techniques
- Automation in Life Sciences
- Robust/Adaptive Control of Robotic System
- Motion Planning and Control
- Cognitive Control Architectures
- Compliance and Impedance Control
- Control and Supervision Systems
- Vehicle Control Applications
- AI in Robotics, Industrial IoT
- Cognitive Automation
- Biologically inspired Control systems
- Image Processing & Vision Systems
- Actuators & Sensors
- Mechatronic Systems
- HMI, SLAM, ROS, CAD/CAM/CAE

## Organizing Committee

Dr. M. Sasikumar, VIT Chennai, India  
Dr. M.C. Lenin Babu, VIT Chennai, India  
Dr. Jafferson JM, VIT Chennai, India  
Prof. Elango M, VIT Chennai, India

## Registration Fee

### Paper Presentation for a Single Paper

Rs.1000/- for Indian Nationals (Inclusive of GST)  
USD 100 for Foreign Nationals

### Only Participation

Rs.500/- for Indian Nationals (Inclusive of GST)  
USD 50 for Foreign Nationals

## Dates to Remember

Abstract Submission Deadline	: SEP 10, 2020
Full Length Paper Submission	: SEP 15, 2020
Notification of Acceptance	: SEP 22, 2020
Payment of Registration Fee	: SEP 28, 2020

**Publication:** Depending on the authors wish the presented papers will be published **after peer review** in **Springer Book on Industry 4.0 [FREE] IOP Conference Series: Materials Science and Engineering SCOPUS INDEXED** [Publication charges Rs. 4500/- Approximately (Excluding GST)]. Send abstract to [icriact@gmail.com](mailto:icriact@gmail.com). Further visit us [www.riact.co.in](http://www.riact.co.in)



# VIT<sup>®</sup>

## Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

## First International Conference On Robotics, Intelligent Automation and Control Technologies (RIACT 2020)

2<sup>nd</sup> - 3<sup>rd</sup> October 2020



Convenor

**Dr. A. Arockia Selvakumar**  
School of Mechanical Engineering  
VIT Chennai

*VIT-A Place to learn; A Chance to grow*