

## 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.G.Viswanathan, Chancellor, Mr. Sankar Viswanathan, Vice President, Dr. Sekhar Viswanathan, Vice President, Mr. G V Selvam, Vice President, Ms. Kadhambari S Viswanathan, Assistant Vice President, Dr. Rambabu Kodali, Vice Chancellor and Dr. V. S. Kanchana Bhaaskaran, Pro-Vice Chancellor. They share in the mission to make VIT a global center towards academic and research excellence.

## About the Conference

The main objective of this Third Virtual International Conference on Robotics, Intelligent Automation and Control Technologies (RIACT 2022) is to provide a virtual platform to global researchers and practitioners from both academic institutions and industries to meet and share cutting-edge developments in the areas of Robotics, Automation, Control Techniques 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. Yang Gao, University of Surrey, UK  
Prof. Daniel Schilberg, UAS\_BO, Germany  
Dr. Asuman Suenbuel, SAP Labs, Silicon Valley, USA  
Prof. Alaminor Hussain, Teesside University, UK  
Prof. Minoru Sasaki, Tohoku University, Japan  
Prof. Dumitru Burdes, University of Craiova, Romania  
Dr. Hao Su, City University of New York, USA  
Prof. Attila Vidacs, Budapest University of Technology, Budapest  
Dr. Milena Y Krumova, EITED, Bulgaria  
Prof. Hiroshi Sakai, Kyushu Institute of Technology, Japan  
Mr. Erik Pekkeriet, Wageningen University & Research, Netherlands  
Mr. Vincenzo Marchica, CEO, Vincix Group, London, UK  
Dr. Stefano Tonello, IT+Robotics, Italy  
Prof. Sivaramkrishnan R, Anna University, India  
Dr. N Seetharaman, CVRDE, DRDO, Chennai, India  
Dr. Arunachalam N, IIT Madras, India  
Dr. Sreekumar M, IIITDM, India  
Dr. Ponnambalam S G, VIT Vellore, TN, India  
Dr. V.Sugumar, VIT Chennai, India

## Technical Review Committee

Dr Mark Ovinis, Senior Lecturer, UTP, Malaysia  
Dr Latifah Nurahmi, ITS Nopember, Indonesia  
Dr Sasitharan Subramanian, ABB, Ludvika, Sweden  
Dr. Richard L Jayaraj, CMHS, UAE  
Dr. T Ram Prabhu, DRDO, Bangalore, India  
Dr Subhasis Bhaumik, Professor, IIST, West Bengal, India

Dr Joseph Davidson, Associate Professor, NIT Warangal, India  
Dr Sudheer A P, Assistant Professor, NIT Calicut, India  
Prof Ravi Prakash Tewari, MNMIT, Allahabad, India  
Dr S Poonguzhali, CEG Campus, Anna University, India  
Dr N Rino Nelson, IIITDM, India  
Dr K. Badrinath, Professor, SVCE, Sriperumbudur, TN, India  
Dr S S Ohod, Professor, COEP, Pune, India  
Dr. Dinakaran D, Professor, HITS, TN, India  
Dr. S. Shankar, Kongu Engineering College, TN, India  
Dr Balamurugan Balusamy, Galgotias University, India  
Dr Tanya Singh, Amity University, India  
Dr Jacob T Varghese, Saintgits College of Engineering, Kerala, India  
Dr Rajkumar Muthusamy, Khalifa University, UAE  
Dr Varun Menon, SCMS, Kerala, India  
Dr. I Thirunavukkarasu, MIT MANIPAL, India  
Dr. Poongodi C, Kongu Engineering College, India  
Dr. P Pal Pandian, CHRIST University, Karnataka, India  
Dr. G. Sathesh Kumar, SSN, Tamil Nadu, India  
Dr. S. Pravin Kumar, SSN, Tamil Nadu, India  
Dr T Muthuramalingam, SRM, TN, India  
Dr R Senthilnathan, SRM, TN, India  
Dr G Shanmugasundar, Sri Sai Sairam Institute of Tech. TN, India  
Dr Kuppam Chetty, HITS, TN, India  
Dr. G. Ananthi, Thyagarajar College of Engineering, Madurai, India  
Dr P.D. Rathika, PSG College of Technology, TN, India

## Key Topics

• Robot Design, Development & Control • Mobile & Autonomous Robots • Rehabilitation Robots & Devices • Agricultural, Space & Underwater Robots • Medical & Service Robots • Collaborative Robots • Intelligent Automation Systems • Intelligent Fault Detection and Diagnosis • Robust/Adaptive Control of Robotic System • Motion Planning and Control • AI in Robotics, Industrial IoT • Cognitive Automation • Image Processing & Vision Systems • Actuators & Sensors • Mechatronic Systems • HMI, SLAM, ROS • CAD/CAM/CAE • Vehicle Control Applications • Deep learning in Robotics • Smart Energy System and Smart Buildings • Smart Manufacturing and Industry 4.0.

## Program Committee

Dr Maher Al-Greer, Teesside University, UK  
Dr Hossein Habibi, Teesside University, UK  
Dr Vladimir Vukovic, Teesside University, UK  
Dr Sean Williams, Teesside University, UK  
Dr Tracey Crosbie, Teesside University, UK  
Dr Claudio Angione, Teesside University, UK  
Dr Rajesh Shankar-Priyar, Teesside University, UK  
Dr. M. Sasikumar, VIT Chennai, India  
Dr. M.C. Lenin Babu, VIT Chennai, India  
Dr. Jaferson JM, VIT Chennai, India  
Dr. Elango M, VIT Chennai, India

## Registration Fee

### Paper Presentation for a Single Paper

Rs.7500/- for Indian Nationals (Inclusive of GST)  
Rs.6500/- for Research Scholars (Inclusive of GST)  
USD 175 for Foreign Nationals

### Only Participation

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

## Dates to Remember

Abstract Submission Deadline : AUG 5, 2022  
Full Length Paper Submission : AUG 12, 2022  
Notification of Acceptance : SEP 5, 2022  
Payment of Registration Fee : SEP 12, 2022

**Publication:** Accepted and Presented papers in RIACT 2022 will be published in reputed journal / conference series. Send your abstract to [riact@gmail.com](mailto:riact@gmail.com) Website: [www.riact.co.in](http://www.riact.co.in)



## 3<sup>rd</sup> International Conference On

## Robotics, Intelligent

## Automation and Control Technologies (RIACT 2022)

23 – 25<sup>th</sup> September 2022

In association with



## Co-Conveners

Prof. Michael Short, Teesside University, UK  
Prof. Daniel Schilberg, BOU, Germany

## Convener

Dr. Arockia Selvakumar Arockia Doss  
VIT Chennai, India

VIT-A Place to learn; A Chance to grow