One Day National Workshop on
"Building Industry 4.0 applications using Raspberry Pi"
02nd December 2022

INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

SENSE VIT. VELLORE

About VIT
VIT was established with the aim of providing 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. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spur us on in our relentless pursuit of excellence. In fact, it has become a way of life for us. The highly motivated youngsters on the campus are a constant source of pride. Our Memoranda of Understanding with various international universities are our major strength. They provide for an exchange of students and faculty and encourage joint research projects for the mutual benefit of these universities. Many of our students, who pursue their research projects in foreign universities, bring high quality to their work and esteem to India and have done us proud. With steady steps, we continue our march forward.

About SENSE
SENSE at VIT was established for imparting state-of-the-art knowledge in Electronics and Communication Engineering and allied areas. B.Tech. Electronics and Communication Engineering is accredited by the Engineering Accreditation Commission of ABET. Students who are eligible are placed on campus and many of them are placed in core companies every year. The school has set up laboratories with excellent infrastructure in the areas of Electronics, Communication, VLSI, Embedded, Sensors and Nanotechnology. The latest simulation tools are used to cater to various specializations and are equipped with facilities for measurement, characterization and synthesis of experimental as well as theoretical results. Students are encouraged to take up their final year projects abroad too. The School has many industry sponsored advanced laboratories for carrying research and development. MoUs with many Foreign Universities, Research Organizations and Industries facilitate student and faculty exchange. Faculty are actively involved in R&D activities and are working on research projects funded by government organizations like DRDO, ISRO (RESPOND), BRNS and agencies like DST.

VIT®
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

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Advisors
Dr. S. Sivanantham
Professor & Dean, SENSE
Dr. P. Sasikumar
Associate Professor & Head,
Dept. of Embedded Technology, SENSE

Co-ordinators
Dr. R. Sujatha
Associate Professor
+91 86100 45822
sujatha.r@vit.ac.in

Dr. E. Konguvel
Assistant Professor
+91 95978 12810
konguvel.e@vit.ac.in

Department of Embedded Technology,
School of Electronics Engineering,
Vellore Institute of Technology,
Vellore—632014, India

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About Workshop
Industry 4.0 is the trend towards automation and data exchange in manufacturing technologies and processes which include cyber-physical systems, IoT, industrial internet of things, cloud computing, cognitive computing and artificial intelligence. The machines cannot replace the deep expertise but it tend to be more efficient than humans in performing repetitive functions and the combination of machine learning and computational power allows machines to carry out highly complicated tasks. Robust and affordable, Raspberry Pi technology has been deployed in tens of thousands of applications in a variety of industries across the world. With a wide range of computing products and a network of trusted design partners, Raspberry Pi not only has the technology to help your business, but can also provide the vital help you need to find your perfect setup.

Resource Persons
The resource persons are from Academia and Industry.

Target Participants
UG/PG Students, Research Scholars, Faculty & Industry delegates.

Registration Fee (Inclusive of 18% GST)
UG/PG Students/Research Scholars
  Internal: Rs. 400/-
  External: Rs. 500/-
Faculty: Rs. 600/-
Industry: Rs. 700/-

Payment Link
Registration shall be done on "First Come First Serve" basis only. Seats are limited to 50. The registration and fee payment shall be done only through the following link:
https://events.vit.ac.in/

Important Dates
Last Date for Registration: **28 November 2022**

Venue
PRP Block - 108
Intelligent Industrial IoT & Computing Lab