SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY

AN AUTONOMOUS INSTITUTION

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
(NAAC Accredited Institution with 'A' Grade & Accredited by NBA)
Pachapalayam, Perurchettipalayam, Coimbatore - 641010, Tamil Nadu

REGISTRATION FORM

Name:

Department:

Organization:

Organization Address:

Contact no:

E-mail:

Place:

Date:

Signature of the Candidate

Sponsorship Certificate

Mr./Ms. ………………………………………...……
is currently working/studying in our
college/industry and he/she has been sponsored for
attending "Expanding Prospects with ROS and IoT
for Cloud Robotics" workshop at SRIT.

Place:

Date:

**Signature of the Head
of the Department**

ABOUT THE COLLEGE

Sri Ramakrishna Institute of Technology is one of the Technological Autonomous Institutions of the prestigious SNR Sons Charitable Trust, Coimbatore. SRIT came into existence in 2002. It is approved by AICTE and affiliated to Anna University. As on date, SRIT offers 6 UG and 5 PG programmes among which all UG are Accredited by NBA and NAAC with 'A' Grade. Being located in beautiful environment surrounded by hillocks, SRIT has an excellent infrastructure, dedicated faculty, able supporting personnel, state-of-the art Laboratories, state-of-the-art Library and well-connected Transport system. SRIT has signed MoU with Infosys, BSNL, Sutherland Global Services, NIIT, CISCO, CODISSIA and Kyungpook National University, South Korea.

ABOUT UniMAP

Universiti Malaysia Perlis (UniMAP) is a Malaysian public institution of higher learning located in Perlis. It was previously known as Northern Malaysia University College of Engineering and is Malaysia's 17th public institution of higher learning, established in June 2002. Currently, UniMAP has approximately 13,488 students and a workforce of more than 2,193 academic and non-academic staff members. Most of the engineering programmes at UniMAP have an electronic-based focus.

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*Two day International
hands-on workshop/training*

in collaboration with UniMAP

on

Expanding Prospects with ROS and IoT for Cloud Robotics

10th & 11th September 2018

OBJECTIVE

This workshop aims to give the participants an introduction to ROS – Robot Operating Systems. It will provide a forum to help the participants in developing innovative skills that can help them get ahead. It will create interest and knowledge that will enhance their career opportunities. The hands-on training will be given by the Resource Persons from UniMAP.

COURSE CONTENT

Theme 1: Robot Operating System (ROS)
1) Introduction to Robot Operating System (ROS)
2) ROS File System and Commands
3) Data Logging and Simulation
4) ROS with Sensors
Theme 2: The Internet of Things (IoT) with Node MCU and Cloud
1) Introduction to IoT and NodeMCU
2) Sensors (Read and Control)
3) IoT Cloud Applications

RESOURCE PERSONS

Dr Fathinul Syahir Ahmad Saad was born in Penang, Malaysia. He obtained his first degree from Universiti Malaya, Kuala Lumpur in Computational & Electronics. He went on to pursue Master Degree in Electrical & Electronics Engineering in Universiti Sains Malaysia, Penang. He received his Ph.D in the field of Mechatronics Engineering from Universiti Malaysia Perlis. Dr Fathinul Syahir Ahmad Saad is working as a Senior Lecturer in School of Mechatronic Engineering, UniMAP from 2006 till now. His research interests include Machine Vision System, Sensors, E-Nose, Fusion and IoT.

Dr. Kamarulzaman was born in Ipoh, Malaysia. He obtained his first degree from University of Canterbury, New Zealand in Mechatronics Engineering. He went on to pursue Ph.D in Universiti Malaysia Perlis (UniMAP) and graduated in the field of Robotics Olfaction. Dr. Kamarulzaman is now working as Senior Lecturer in School of Mechatronics Engineering, UniMAP. His research interests are Robotics, Localization & Mapping, Image & 3D Processing, Odour Sensing & Modelling and Internet of Things (IoT).

REGISTRATION DETAILS

Registration for the workshop can be made by sending the scanned copy of duly filled in registration form to any one of the E-mail addresses mentioned below. DD drawn in favor of "The Principal, Sri Ramakrishna Institute of Technology" Payable at Coimbatore

REGISTRATION FEE

UG/PG Students/ Research Scholars : Rs. 1000/-
Faculty from Academic Institutions : Rs. 1100/-

IMPORTANT DATES

Last date for receipt of application : 31.08.2018
Intimation of Acceptance : 03.09.2018
Note: The number of participants is limited to 60/theme. Accommodation will be provided on prior intimation with minimal charges

For further details contact
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