



**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, Perurhettipalayam, Coimbatore - 641010, Tamil Nadu

REGISTRATION FORM

- Name:**
- Designation:**
- 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 “Artificial Intelligence and Machine Learning Perspectives & LabVIEW based Graphical Programming for Engineering Applications” workshop at SRIT.

- Place:**
- Date:**

*Signature of the Head of the
Department with seal*

ABOUT THE COLLEGE

Sri Ramakrishna Institute of Technology (SRIT) is one of the technological institutions of the prestigious SNR Sons Charitable Trust, Coimbatore. SRIT came into existence in the year 2002, approved by AICTE and affiliated to Anna University, Chennai. SRIT offers six undergraduate programme and four post graduate programme in Engineering & Technology and MBA are offered at SRIT with dedicated faculty members and able supporting personnel. Infrastructure, including state-of-the-art laboratories and well updated library facilities, with well connected transportation network are at the disposal of SRITians. MoUs with Ariel University of Israel, University Malaysia Perlis, Infosys (Campus Connect), CISCO, BSNL, CODISSIA, KKM Soft, Salzer Electronics and Vruksham Ventures, etc. are established for collaborative research and academic development.

ABOUT UniMAP

Universiti Malaysia Perlis (UniMAP) is Malaysia's 17th public institution of higher learning and is approved by the Malaysian Cabinet in May 2001. The university is one of only four technical universities in Malaysia. UniMAP, a leading technical university in the region, is being enhanced by its active engagement with leading industries in the region and globally. The niche areas are Engineering, Technology, Science and relevant areas, with emphasis on electronics.



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*Two day International
Hands-on Workshop / Training*

in collaboration with UniMAP



**UNIVERSITI
MALAYSIA
PERLIS**

on

**Artificial Intelligence and
Machine Learning Perspectives &
LabVIEW based Graphical Programming
for Engineering Applications**

March 16 & 17, 2020

OBJECTIVE

This workshop is organized to equip the participants with the two most powerful software of modern research and automation. In this two day workshop participants will be trained on the graphical programming language in data acquisition, instrument control, data logging and measurement analysis applications using LabVIEW and present an overview of AI principle approaches and some applications using MATLAB.

COURSE CONTENT

Theme 1: ML&AI: The Machine Learning and Artificial Intelligence Course

- Artificial Intelligence (AI) Overview
- What is Machine Learning (ML)?
- AI (vs) ML
- Relationship between Deep Learning (DL) and Machine Learning
- Practical Use cases

Theme 2: LabVIEW

- LabVIEW Environment
- LabVIEW Dataflow Programming Concept
- Numeric and operations
- Basic data processing
- Labview for IoT
- Labview for Image Processing

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. He is working as a Senior lecturer and also acts as the Programme chairperson for Mechatronic Engineering Programme, UniMAP, Malaysia. 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 along with 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 : 12.03.2020
Intimation of Acceptance : 14.03.2020

Note: The number of participants is limited to 60 per theme. Accommodation will be provided on prior intimation, with minimal charges

ORGANIZING COMMITTEE

CHIEF PATRONS

Thiru. D. Lakshminarayananaswamy
Managing Trustee

Thiru. R. Sundar
Joint Managing Trustee

PATRON

Dr. M. Paulraj
Principal

CONVENER

Dr. S. Anila
Professor/ECE

COORDINATORS

Mr. E. Ramkumar
AP (Sr. Gr.)/EEE

Mr. R. Immanuel
AP/Mech.

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