REGISTRATION FORM

AICTE Sponsored online STTP on
"Intelligent Edge Computing Techniques for Diverse Applications"

2nd November to 7th November, 2020
Organized by Dept. of Information Science and Engineering,
M S Ramaiah Institute of Technology

Name: _____

Designation: _____

Department: _____

College/Organization: _____

Contact Address: _____

_____

_____

Mobile Number: _____

E-mail: _____

Whether the Institution is approved by AICTE?   Yes/No

Participant Signature:

_____

Head of institution (Sign and seal):

_____

Upload the filled application forms in the below link

shorturl.at/bQVW3

CHIEF PATRONS

Dr. M. R. Jayaram, Chairman, GEF
Sri. M. R. Seetharam, Vice Chairman, GEF, Director, RIT
Sri. M. R. Ramaiah, Secretary, GEF
Sri. B. S. Ramaprasad, Chief Executive, GEF

CHAIR PERSON

Dr. N. V. R. Naidu, Principal, RIT

ADVISORY COMMITTEE

Dr. C. G. Puttappa, Vice Principal, RIT
Dr. Archana, Registrar (Academics), RIT

PROJECT MONITORING COMMITTEE

Dr Yogesh Simmhan (Subject Expert)
Indian Institute of Science
Dr. Anita Kanavalli, Professor and Head, Dept. of CSE, MSRIT
Dr. Premila Manohara, Professor and Head, Dept. of E&I, MSRIT

COORDINATOR

Dr. Vijaya Kumar B P,
Professor and Head, Dept. of ISE, MSRIT
& chair, IEEE CIS, Bangalore Section

CO-COORDINATORS

Dr Sumana M, Ph: 8861765345
Dr Naresh E, Ph: 9900108140
Mr Koushik S, Ph: 9844826847
Dept. of ISE, MSRIT

CONTACT PERSON

Dr Sumana M,
sumana.m@msrit.edu
Dept. of ISE, MSRIT
+91-8861765345

All India Council for Technical Education (AICTE), New Delhi

SPONSORED

One –Week
Online Short-Term Training Programme
On

Intelligent Edge Computing Techniques for Diverse Applications

2nd November to 7th November, 2020

ORGANIZED BY:

Dept. of Information Science & Engineering

M. S. RAMAIAH INSTITUTE OF TECHNOLOGY

(Autonomous Institute, Affiliated to VTU)
(Approved by AICTE, New Delhi & Govt. of Karnataka)
MSR Nagar, MSRIT Post, Bangalore – 560054, Karnataka

TECHNICALLY SUPPORTED BY:

IEEE COMPUTATIONAL INTELLIGENCE SOCIETY, Bangalore Chapter

ABOUT THE INSTITUTE

M S Ramaiah Institute of Technology (MSRIT) was established under the aegis of Gokula Education foundation in the year 1962, creating a landmark in technical education in India. All 13 UG programs and 15 PG programs are approved by AICTE. All the UG programs & 09 PG programs are accredited by National Board of Accreditation (NBA). The institute is accredited with 'A' grade by NAAC in 2014. University Grants Commission (UGC) & Visvesvaraya Technological University (VTU) have conferred Autonomous Status to MSRIT till the year 2029. The institute is a participant to the Technical Education Quality Improvement Program (TEQIP), an initiative of the Government of India. MSRIT has state of the art laboratories, individual computing facility to all faculty members, all research departments active with sponsored funded projects and more than 300 scholars pursuing Ph.D. MSRIT has obtained "Scimago Institutions Rankings" All India Rank 65 & world ranking 578 for the year 2020. The Centre for Advanced Training and Continuing Education (CATCE), and Entrepreneurship Development Cell (EDC) have been set up on campus to incubate startups. MSRIT secured All India Rank 8th for the year 2020 for Atal Ranking of Institutions on Innovation Achievements (ARIIA), an initiative of Ministry of Human Resource Development(MHRD), Govt. of India. As per the National Institutional Ranking Framework, MHRD, Government of India, M S Ramaiah Institute of Technology has achieved 59th rank among 1071 top Engineering institutions of India for the year 2020 and 1st rank amongst Engineering colleges(VTU) in Karnataka.

ABOUT THE DEPARTMENT

Information Science and Engineering department is established in the year 1992 with an objective of producing high-quality professionals to meet the demands of the emerging field of Information Science and Engineering. Department also started M.Tech program in Software Engineering in the year 2004 and has been recognized as R&D center by VTU in 2012.

The department is accredited by the NBA in 2001, 2004, 2010, 2015 and reaccredited in 2018 under Tier-1 till 2021. Department has highly qualified and motivated faculty members and well equipped state of the art laboratories. All faculty members are involved in research and technical papers publications in reputed journals, conferences across the world. Strong collaboration with industries and high profile institutions is in place for curriculum updates, more hands on training, practical's, project based learning, EPICS, expert lectures, partial course deliveries by industry experts and student interns to enhance the skills in emerging areas to keep an inclusive and diverse academic environment. Department is successfully conducting seminars, conferences and workshops for students and academicians in the emerging areas of Information Technology. Introduced EPICS in senior projects. Some of the laboratories have also been set up in collaboration with industries such as Intel, Microsoft, Apple, SECO, Honeywell, EMC2 , NVIDIA, IBM, Green Sense Werks, Tech Machinery Labs, Sesovera Tech Pvt. Ltd., and Ramaiah Medical College (Emergency department). Also, an echo system is built to initiate start-ups at the department level along with the mentorship. All the above potential activities have led to high profile placements, motivation to become an entrepreneur, and encouragement for higher learning.

REGISTRATION

- Only AICTE recognized institutions are eligible to register.
- Seats are limited and selection will be done based on first come first serve basis
- The last date for receipt of the registration form is 20th October 2020.
- The selected participants will be intimated through mail latest by 25th October 2020.
- E-certificates will be provided for the participants with 100% attendance and have scored minimum 60% marks in the test.

RESOURCE PERSON

Experienced faculty members and experts from IISc, Eminent speakers from Industries, and other leading institutions will be delivering the lectures/demos/ live projects.

ABOUT STTP

Intelligent Edge Computing aims at making the life of people easier by performing faster computations using embedded technologies. The aim of the STTP is to educate faculty and industry personals on various edge computing methodologies and diverse applications. AI and machine learning techniques to the edge to support the services and applications to the edges of the network. Latency is significantly reduced as data is analyzed and processed closer to its origin. Deeper insights can be obtained from comprehensive analysis with rapid responses and hence resulting in better customer experiences. Some of the popular use cases of intelligent edge computing are autonomous vehicles, healthcare devices, retail advertising, smart speakers, improved video conferencing, faster responding security systems, smart transportation and gaming. Therefore intelligent edge computing assists to develop high quality system with added security and privacy of the data.

Objectives of the Short-Term Training Program

- To introduce Edge computing to process the large volume of data generated , through the Internet of objects (IO) and things(IOT).
- To familiarize the participants to modularize machine learning, data analytics, deep learning and artificial intelligence for Intelligent Edge Computing.
- To disseminate the usage of intelligent edge computing methodologies in various applications.
- To expose the participants to the real world scenarios through demos and live projects.

EXPECTED OUTCOME

- To enhance the faculty knowledge and skills in the usage of Intelligent Edge Computing for problem solving that lead to quality publications.
- To promote faculty to update curriculum and improve lab experimentation in Intelligent Edge Computing.
- To familiarize the participants with the latest industry trends and bridge the gap between academia and industry.