AICTE - ISTE SPONSORED
One Week Online Induction / Refresher Program
on
DIGITAL SOLUTIONS TO COMBAT COVID-19

03.12.2021 to 09.12.2021

REGISTRATION FORM
(to be submitted in Google Form)

Name   :Dr/Mr/Ms_____

_____

Designation :_____

Organization :_____

Address   :_____

                 _____

Pincode:_____Phone:_____

Mobile :_____

E-Mail :_____

DECLARATION

I _____ agree to abide by the rules and regulations governing the program. The information provided herewith is true to the best of my knowledge

Signature of the Applicant

ORGANIZING COMMITEE

CHIEF PATRONS
Sri.D.Lakshminarayanaswamy
Managing Trustee

Sri. R. Sundar
Joint Managing Trustee

PATRON
Dr.N.R.Alamelu, Principal

CHAIR PERSON
Dr.M.Jagadeeswari
Professor & Head/ECE

COURSE COORDINATOR
Dr.S.Jayanthy, Professor/ECE

COURSE CO-COORDINATORS

Mr. A.Arunraja, AP(Sr.G)/ECE

Mr. E.Esakki Vigneswaran, AP (Sr.G)/ECE

Mrs. S. Srinitha,AP/ECE

For further enquries and communication

Dr.S.Jayanthy
Professor/ECE

**DEPARTMENT OF
ELECTRONICS AND COMMUNICATION
ENGINEERING
SRI RAMAKRISHNA
ENGINEERING COLLEGE,**
Vattamalaipalayam, NGGO Colony (Post),
Coimbatore - 641 022.

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Organized by

**DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING**

SRI RAMAKRISHNA ENGINEERING COLLEGE
[Educational Service: SNR Sons Charitable Trust]
Autonomous Institution, Accredited by NAAC with 'A' Grade
Approved by AICTE and Permanently Affiliated to Anna University, Chennai
ISO 9001:2015 Certified and all Eligible Programmes Accredited by NBA
Vattamalaipalayam, NGGO Colony (Post), Coimbatore - 641 022.

About the Institution

Sri Ramakrishna Engineering college was established in the year 1994 by S.N.R Sons Charitable Trust. It has grown into an eminent institution in Tamil Nadu. The trust runs 16 other reputed educational and medical institutions in the city. The college has been awarded Autonomous status in the year 2007 and offers 11 UG, 8 PG Programmes and PhD programmes in 11 disciplines. It is located in a sprawling 42.24 acres and has an excellent infrastructure with state-of-the art facilities and well equipped tabs. The college has signed a MOU with Kyungpook National University, South Korea, SIEMENS, L&T, Texas Instruments, Bangalore, CoreEL Technologies, PRICOL technologies, Zylog India Pvt.Ltd, KKM Software Pvt. Ltd., National Instruments, Bangalore, CISCO Networks Academy. The college has 8000 proud alumnus and it is one of the stimulant for the institution to reach a greater height

About the Department

The Department of Electronics and Communication Engineering was established in the year 1994 offering Under Graduate Programme in Electronics and Communication Engineering and two Post Graduate Programmes - VLSI Design and Embedded System Technologies. The UG programme is accredited and re-accredited by National Board of Accreditation (NBA), New Delhi, Since 2007. The department enable the students to attain excellence in the domain technologies of Electronics and Communication with curricula focusing on the requirements specified by the industries. The department has faculty members with competent expertise in the fields of VLSI Design, Embedded Systems, Image and Signal processing, Communication and Networks, RF and MEMS. The Department is recognized as a research center with all computing facilities State-of-the-art Laboratories with 29 research scholars working towards potential solutions for the real-time problems. The department has received grants from AICTE under various schemes specifically RPS, MODROBs, FDPs and Seminar Grants. The department has also received grants from DRDO, 1SRO, BRNS, ICMR, ISTE and IEEE towards seminars and workshops. The interaction of the department with industries has laid path in delivering consultancy projects. The department has exclusive alumni support for motivating and mentoring the students and they also facilitate the department through guest lectures, curriculum development, internships and placement activities

About the Course

The recent surge of COVID-19 pandemic has affected all spheres of our daily life. Technological solutions have been critical in keeping our places functional, and in fact the long lasting impacts of engaging technologies may occur beyond COVID- 19. Converging technologies like 4G/5G, mobile, cloud, analytics, robotics, AI/ML, and high-speed internet, has become possible to test several innovative approaches to pandemic response. Digital Technology cannot prevent the onset of the pandemics but it can help to prevent the spread, educate, warn, and empower those on the ground to be aware of the situation, and noticeably lessen the impact. The aim of the programme is to encourage researchers and practitioners from both industry and academia to suggest long-term solutions for alleviating the social and economic constraints put in place to battle COVID-19 infections and arrest its spread .This programme will help faculties to have a better understanding of the digital technologies to combat Covid-19 Pandemic and guide students to develop Innovation solutions.

Tentative Topics to be Covered

- Digital Solutions for COVID Surveillance, Prevention, Diagnosis, and Treatment.
- Big data and AI to mitigate COVID-19.
- Use of Robotic applications in COVID-19.
- Web-based and Cloud-based tools to aid pandemic tracing and control.
- Use of Communication and Mobile Technologies to combat covid pandemic.
- Impact of Covid- 19 on Education and efficient solutions for E-learning.
- Innovation, Incubation and Emerging Technologies to Embrace the Post COVID Changes.
- Risks of Digital Technology - Protecting privacy and Personal data.

Resource Persons

Eminent experts from IITs, IISCs, NITs, reputed Institutions and Industry will share their expertise.

Eligibility Criteria

Teachers from AICTE Colleges / Institutions / Universities are eligible. The total intake for the FDP is restricted to 40 participants. Preference will be given to ISTE life members and the selection will be based on 'First Come and First Serve' basis.

Important Dates

Last date of receipt of application: 25.11.2021
Intimation of selected participants: 27.11.2021

Online Registration Link