

REGISTRATION DETAILS

- ▶ Registration is Free
- ▶ Last date for Registration: 25-01-2019
- ▶ Intimation of Selection : 28-01-2019

MAILING ADDRESS :

THE CONVENER,
NATIONAL SEMINAR ON ROLE OF AI &
IoT FOR HEALTH CARE
DEPARTMENT OF IT
St. JOSEPH'S COLLEGE OF ENGINEERING
OMR ,Chennai - 600 119
Office Phone : 044-24800792
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Convener

Dr. V. Muthulakshmi M.E., Ph.D.,
Associate Professor, HOD Lab Affairs / IT

Co-Convener

Ms. G. Lathaselvi B.E., M.E
Associate Professor / IT

ORGANIZING COMMITTEE:

Ms. R. Deepa B.E., M.Tech., (Ph.D.)
Assistant Professor / IT

Ms. J. Mary Hannah B.E., M.E
Assistant Professor / IT

PATRONS

Dr. B. BABU MANOHARAN M.A., M.B.A., Ph.D.,
Chairman, St. Joseph's Group of Institutions.

Mrs. S. JESSIE PRIYA M.Com.,
Managing Director,
St. Joseph's Group of Institutions

Mr. B. SHASHI SEKAR M.Sc.,
Director, St. Joseph's Group of Institutions

Dr. VADDI SESHAGIRI RAO M.E., M.B.A., Ph.D.,
Principal, St. Joseph's College of Engineering

Dr. B. PARVATHAVARTHINI M.E., Ph.D.,
Dean, St. Joseph's College of Engineering

KEY TAKE AWAYS

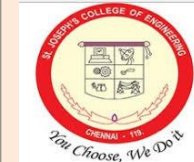
- ▶ A Very good understanding of Internet of Things (IoT) and its exploding applications in health care
- ▶ Familiarize the participants with concepts and methods of Artificial Intelligence in health care

TARGET AUDIENCE

Faculty Members, Research scholars, persons working in R&D Organizations and Industries and UG/PG Students who wish to improve their research horizons in the field of IoT for health care.

NATIONAL SEMINAR ON "ROLE OF AI & IoT FOR HEALTH CARE"

Date: 4 & 5 February 2019



Organized by

**St. JOSEPH'S COLLEGE OF
ENGINEERING**
(St. Joseph's Group of Institutions)
OMR , Chennai – 600 119.

**Department of Information
Technology**

Convener

Dr. V. MUTHULAKSHMI



Sponsored by

**Tamil Nadu State Council for Science
and Technology**
Government of Tamil Nadu
DOTE Campus,
Chennai-25

ABOUT US

St. Joseph's College of Engineering started in the year 1994, listed among one of the top Engineering Colleges in India by NIRF and entered into the Silver Jubilee year. The Department of Information Technology with state-of-art research facilities and well qualified faculty members produces young aspiring Engineers ever since its inception in 1997 has consistently brought laurels to the college.

It offers both undergraduate (B.Tech Information Technology) and Post-graduation (M.E Software Engineering) under Anna University, Chennai It is accredited for its excellence by the National Board of Accreditation (NBA), entrenched by AICTE (All India Council of Technical Education). The Prominent and leading employers have made the placement record of the department excellent.

There are 39 well qualified and dedicated faculties with 12 of them holding Doctoral degree from various reputed Universities adds highlight to our department. Our faculty members besides teaching are involved in many activities like continuing education, technical consultancy, research & development, coordinating professional bodies such as IEEE-CIS chapter etc...

The Department has signed MoU with various leading Industries for technical collaboration. The department has been awarded as Centre of Excellence with EMC & Salesforce and become an academic Partner for promoting talent of Higher Calibre with VMware IT and WIPRO technologies. Our students won first prize in the "Smart India Hackathon-2017 & 2018", organized by Govt. of India. Our Department won Third place in AICTE-ECI Chhatra Vishwakarma Awards-2017.

It also facilitates with well-equipped spacious laboratories with high end computing systems suitable for Research and Development activities. In addition, our department has also received a sponsored project from Natural Resources Data Management System (NRDMS) Department of Science and Technology for 9.31 lakhs and Industry Sponsored Big Data Analytics Lab from CTS for 4.9 lakhs

BENEFITS OF THE PROGRAMME

In this era of hyper connected world, Internet of Things (IoT) plays an important role in interconnecting intelligent devices for the purpose of sharing information, thereby helping to deliver innovative methods for designing effective disaster management systems.

This seminar will be an excellent platform for the participants in improving their knowledge on disaster preparedness, early warning systems and rescue and recovery efforts with the use of ICT and create awareness among the faculty and students about disaster risk minimization prevention, disaster response and recovery

The participating students and faculty can get enlightened on IoT, as a technology domain that can pave the way for radical and pioneering approach to minimize loss to assets, and most importantly, lives.

TOPICS TO BE COVERED

- ▶ How AI will take digital health to next level
- ▶ Exploring the role of IoT platforms in digital health solutions
- ▶ Digital health trends
- ▶ Confluence of Data Engineering, IoT, and Health Care - Issues and Opportunities
- ▶ Deep neural network architecture and image classification using Convolution Neural - Networks
- ▶ Role of IoT in healthcare applications
- ▶ Practical difficulties in healthcare
- ▶ New Information Layers
- ▶ IoT Protocols for healthcare
- ▶ Nanotechnology in Healthcare: Applications and Challenges

NATIONAL SEMINAR ON "ROLE OF AI & IoT FOR HEALTH CARE"

Duly filled registration form should be sent to the coordinator so as to reach on or before 25 January 2019.

REGISTRATION FORM

Name: _____

Designation: _____

Organization: _____

Mailing Address: _____

Email: _____

Educational Qualification: _____

Experience: _____

Contact No: _____

Declaration:

I declare that all the details furnished above are true to the best of my knowledge and I agree to abide by the rules and regulations governing the programme.

Place:

Date

Signature
Head of the Institute / Dept.
(With Seal)