#### **Patrons**

Dr. G. Viswanathan Chancellor
Dr. Sekar Viswanathan Vice President
Dr. Anand A. Samuel Vice Chancellor
Dr. S. Narayanan Pro-Vice Chancellor

#### Chair

• Dr. B. K. Tripathy, Dean-SITE

#### Resource Persons

- Dr. Elizabeth Jacob, NIIST-CSIR, Thiruvanthapuram
- Dr. B. S. Bindhumadhava, CDAC-Bangalore
- Dr. Sivasankar, NIT Trichy
- Dr. U.S.N. Raju, NIT, Warangal

## **Organizing Secretaries**

- Dr. Neelu Khare
- Dr. Chiranji Lal Chowdhary

#### Committee Members

- Dr. Sweta Bhattacharya
- Dr. Deepa N.
- Dr. Gitanjali J.
- Dr. Rahamathunnisa U.
- Prof. Kumaran U.
- Dr. Shynu P.G.

#### **About VIT**

Vellore Institute of Technology (VIT) was founded in 1984 as Vellore Engineering College by Dr G Viswanathan, Chancellor, VIT Vellore. VIT attracts students from all the states of India and more than 50 different countries because of its academic excellence. The credentials of VIT in academics and research, has placed VIT in the 16<sup>th</sup> position among the engineering institutions in India by NIRF, Govt. of India Ranking. The world ranking body namely the QS has given 4 STAR rating to VIT, with that VIT becomes the first institution in India to have the 4 STAR rating.

#### About the School

The School of Information Technology & Engineering (SITE) emphasizes the fields of Information Technology, Software Engineering and Domain Specific Applications so as to facilitate the evolution of skills in students to help them attain a higher degree of knowledge, global competency and excellence, for the betterment of the society.

# About the Department

The Department of Computer Applications and Creative Media offers both Bachelor and Master degree programmes to meet the growing demands of qualified professionals in the field of Computer Applications. These programmes are aimed to support the graduates for attaining fine-tuned career in the various verticals of Computer Science and Information Technology.

CSIR Sponsered



Two Days Workshop

on

# Soft Computing based Data Driven Self Adaptive Systems (SC-DDSAS)



 $18^{th}$  to  $19^{th}$  January **2019** 

organised by



School of Information Technology & Engineering, VIT Vellore

Organizers

Dr. Neelu Khare Dr. Chiranji Lal Chowdhary

## About the Workshop

As almost all systems in today's age need to adapt their behaviour to suit their environment, or even completely design their own behaviour as a feature of their own environment. Self-adaptive systems are capable of amending their behaviour at run-time to achieve certain functional or QoS goals. Such systems typically employ analytical models specified at designtime to assess their characteristics at run-time and make the appropriate adaptation decisions.

The aim of the international Workshop on Soft Computing based Data-driven Self-adaptive Systems is to foster interactions between researchers of different disciplines working on challenges about the self-adaptation of complex techno-socio-economic systems. It includes inter-disciplinary and the scientific, empirical and application dimensions of self-systems; thereby aiming to provide a platform for the participants with different backgrounds, so as to expose themselves and discuss innovative theories, design principles, frameworks, methodologies, tools, and applications. The workshop evolves around two full days and includes (i) keynote speaks, (ii) software artifacts sessions, (iii) potentially a panel discussion.

Topics and application domains may include (but not limited to) the following:

- $\bullet$  artificial intelligence  $\bullet$  machine learning  $\bullet$  self-regulation  $\bullet$  autonomic computing  $\bullet$  internet of things
- pervasive/ubiquitous computing big data analytics
- $\bullet$  cloud computing  $\bullet$  distributed systems  $\bullet$  multi-agent systems  $\bullet$  self-organization  $\bullet$  self-adaptive mechanisms
- $\bullet$  complex systems & (social) networks  $\bullet$  mechanism design& game theory

# Who Can Apply

UG/PG Students, Research Associates (RA), Academicians and Industry delegates are eligible to apply for the workshop. Limited seats are available for the workshop. Participants will be selected among the applicants to ensure representation from more institutions.

# How To Apply

Please apply for the workshop at the url given below by depositing fees through given link.

http://vit.ac.in/events

### Important Dates

Last date to Apply January 14, 2019

## Registration Fee

Delegates from Industry :Rs. 2200/-\*
Academicians/Faculty :Rs. 1500/-\*
Foreign Delegates :USD  $100^*$ Full time RAs/PG/UG students :Rs. 750/-\*

### Contact

Dr. Neelu Khare

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Cell No.: 8220819824

Dr. Chiranji Lal Chowdhary

Email: chiranji.lal@vit.ac.in

Cell No.: 9629833599

CSIR Sponsered Two Days Workshop on Soft Computing based Data Driven Self Adaptive Systems (SC-DDSAS)

 $18^{th}$  to  $19^{th}$  January 2019

Venue: Kamaraj Auditorium, 7th Floor, Technology
Tower.

**Timings:** 9:30 AM - 5:30 PM.

## Registration form

| Name                  | ······   |
|-----------------------|----------|
| Designation           | <b>:</b> |
| Organization          | ·        |
| Corresponding Address | <b></b>  |
|                       |          |
| Pin Code              | <b>:</b> |
| Phone                 | :        |
| Email                 |          |

# Payment Details

Online Payment Link:

http://info.vit.ac.in/events-vit/SC-DDSAS/apply.asp

Amount

Online Transaction No.:

(Prefer Online Payment)

Date:

Name of Bank & Branch:

<sup>\*</sup> Including GST