

SRP on Fundamentals of Cloud Computing, Internet of Things, Data Analytics, Machine Learning and Deep Learning

About the Event

IEEE Madras Section initiated Student Reach-out Program (SRP) to reach out the students by eminent Professors to teach the fundamentals, and to enrich the student's knowledge/conceptual understanding by interaction. Technology has evolved dramatically during the last decade. The new technologies like Cloud Computing, Internet of Things, Data Analytics, Machine Learning and Deep Learning are having a massive impact in India. While plenty of jobs are being created in these fields, it's quite important for the new generation to understand the new technologies, terms, and be aware of the required skills to get jobs in the future. This SRP is planned to cover the fundamentals of Cloud Computing, Internet of Things, Data Analytics, Machine Learning and Deep Learning with hands on sessions. Eminent speakers from Academics and Industry in Coimbatore regions are invited to handle the sessions.

Date: 5th and 6th July 2019

Venue: Anna University Regional Campus, Coimbatore,

Fees Rs. 400/- for IEEE Members & Rs. 600/- for others, which includes course material, refreshment and lunch.

Speakers:

- Prof. Dr. G. Sudha Sadhasivam (GSS) Department of Computer Science and Engineering, PSG College of Technology, Coimbatore.
- Prof. Dr. G. Kousalya (GK), Department of Computer Science and Engineering, Coimbatore Institute of Technology, Coimbatore.
- Prof. Dr. N. K. Karthikeyan (NKK), Department of Information Technology, Coimbatore Institute of Technology, Coimbatore.
- Dr. P. Ganeshkumar (PG), Department of Information Technology, Anna University Regional Campus, Coimbatore.
- Mr. D. Sai Natarajan (DSN), CEO of Duratech Solutions, Coimbatore

Total No. of Participants: Limited to 60 students

Contact Persons:

1. Dr. P. Ganeshkumar,
Treasurer, IEEE CIS Madras Chapter
Dept. of Information Technology, Anna University
Regional Campus, Coimbatore. Ph: 9791638370

2. Dr. D Devaraj,
Execom Member, IEEE Madras Section,
Director, Academics & Dean School of Electronics
& Electrical Technology,
Kalasalingam University, Ph. 9842913053

3. IEEE Madras Section, Room No. 3, ISTE Professional Centre, Gandhi Mandapam Road,
Chennai - 600 025 044-24423939, 9382328776

Registration Link: <https://goo.gl/forms/Mx7PIEaFcqQmTczm2>

On line Payment Details:

Bank Name: Bank of India, Account Name: IEEE Madras Section, Account Number: 800210100014174
IFSC Code : BKID0008002

Agenda

- **Registration: 08.30 to 09.00 Hrs.**
- **Inauguration Program: 09.00 to 09.30 Hrs.**
- **Class room sessions:**

Date/Time	Title / duration/faculty	Lunch Break	Title / faculty
05/07/2019	Cloud Computing / 10.00 to 13.00 Hrs./ (GK)	13.00 to 13.30 Hrs.	Internet of Things / 13.30 to 16.30 Hrs./ (NKK)
06 /07/2019	Data Analytics / 10.00 to 13.00 Hrs./ (GSS)	13.00 to 13.30 Hrs.	Machine Learning (PG)/ Deep Learning (DSN) 13.30 to 16.30 Hrs.

- **Valedictory and Participation Certificates distribution: 16.30 to 17.00 Hrs.**

Speaker's Profile



Prof. Dr. G. Sudha Sadasivam is currently working as a Professor and Head in the Dept. of Computer Science and Engineering, PSG College of Technology, Coimbatore. She completed her B.E., M.E., and Ph.D., all from PSG College of Technology under Bharathiyar University in the year 1989, 1991 and 2006 respectively. She is the Co-Investigator for the UGC, AICTE and Yahoo sponsored projects. Her area of interest include Data Mining, Data Analytics, Distributed Systems and Bioinformatics.



Prof. Dr. G. Kousalya is currently working as a Professor and Head in the Dept. of Computer Science and Engineering, Coimbatore Institute of Technology, Coimbatore. She completed her B.E., from Government College of Technology, Coimbatore under Bharathiyar University in 1991, M.E and Ph.D from College of Engineering, Guindy under Anna University, Chennai in 2001 and 2008 respectively. She is the Principal Investigator for the DST and AICTE sponsored Projects. Her area of interest includes Cloud Computing, Wireless Networks and Distributed Systems.



Prof. Dr. N. K. Karthikeyan is currently working as a Professor and Head in the Dept. of Information Technology, Coimbatore Institute of Technology, Coimbatore. He completed his B.E., M.E., from Kongu Engineering College under Bharathiyar University and Ph.D from Anna University in the year 1988, 2001 and 2009 respectively. He is the Principal Investigator of AICTE sponsored research project. His area of Interest includes Wireless Sensor Networks, Soft Computing and Internet of Things



Dr.P. Ganeshkumar is currently working as Assistant Professor in the Dept. of Information Technology, Anna University Regional Campus, Coimbatore. He completed his B.Tech., M.S(By Research), Ph.D all in Information Technology under Anna University in 2003, 2008 and 2012 respectively. He is a BK21 (Brain Korea) Post Doctoral Fellow in School of Computer Science and Engineering, Kyungpook National University, South Korea in 2016. He is the Co-Investigator of MeitY sponsored project. His research interest includes Data Analytics, Machine Learning, and Internet of Things.



Mr. D. Sai Natarajan, CEO of Duratech Solutions is a young entrepreneur from Coimbatore. He completed his BTech in Information Technology in 2009 and has started his IT career in TCS in 2010. After 4 years of career in TCS and Bosch in Product life cycle management, he started his own IT company. He is successfully running his company Duratech Solutions which is serving clients globally since 2013 and has more than 10 years of experience in IT industry. He has transformed the company Duratech Solutions which started as a Web Development company into a cutting edge technology company right now executing several projects in sophisticated technologies like Fullstack development, Bigdata, Datascience, Deep learning and Artificial Intelligence.