

7th International Conference on Innovations in Computer Science and Engineering ICICSE-2019

PRE CONFERENCE TUTORIAL

ABOUT GNI

At Guru Nanak Institutions (GNI), professional education forms the first and the foremost foundation for the students, to achieve higher goals in life. GNI extends the best academic syllabus, rigorous practice, finest faculty, state-of-art labs and well stacked digital library. GNI takes personal attention to every student and provides the environment that stresses on holistic development of youth transforming them into responsible citizens of the world making GNI the temple of serious higher learning. GNI offers courses across the streams covering Engineering, Management, Medicine and Pharmacy.

THEME: ICICSE 2019

The aim of the “7th International Conference on Innovations in Computer Science & Engineering (ICICSE-2019)” is to provide a platform for researchers, scientists, technocrats, academicians and engineers to exchange their innovative ideas and new research findings in the field of Computer Science & Engineering and Information Technology till the end of 2019. The conference will boost excellent innovations in terms of day to day life and academics. The proceedings of the conference will unleash a package platform for innovative ideas into a single unit.

The last six conferences were conducted & they added new feathers on the conference cap by collaboration with Springer series to publish research papers. More than 300 papers were received each year from all over Globe and research papers were published in **Scopus Indexed LNNS Springer series** proceedings, with a valid ISBN number, Journal of Innovations in Computer Science & Engineering with ISSN 2278-0946 and Journal of Innovations in Information Technology with ISSN 2581-723X.

Day 1 – 09th August 2019

Tutorial 1: Social Network Analysis

Time: 9:30 AM to 12:30 PM

Resource Person: Dr.Parthiban Natarajan,

Prof, Dept of CSE, SRM Institute of Science & Technology, Chennai, India.

Parthiban Natarajan has 8 years of experience in the field of Computer Science & Engineering. He did his Ph.D in Embedding Interconnection Networks from VIT University, Chennai, Post Ph.D he worked as a Post-Doctoral fellow in Indian Statistical Institute (ISI). He has published 19 Scopus(6 SCI). He was visiting Researcher in HUST and BIT, china and Visiting Scholar of University of Minnesota, Duluth, USA.

About Social Network Analysis: A Social network represents interactions between individuals, groups, organizations or other information/knowledge processing entities. To understand networks, we evaluate the structure of the network. The study of these structures uses social network analysis to identify local and global patterns and examine network dynamics. In this talk we discuss tools and technologies related to Social Network Analysis (SNA).

Tutorial 2: Artificial Intelligence – Knowledge Representation & Expert Systems

Time: 1:00 PM to 4:00 PM

Resource Person: Dr. Srinivas Padmanabhuni,

Co- Founder Tarah Technologies, Associate Vice President Research at Infosys, India.

Dr. Srinivas Padmanabhuni, is the past president of ACM India. Prior to co-founding Tarah Technologies, he was Associative Vice President heading research at Infosys till Oct 2015. He has rich experience of more than 15 years in IT industry and done his Ph.D in Artificial Intelligence (AI) from the University of Alberta & M.Tech & B.Tech from IIT Bombay, IIT Kanpur.

About Artificial Intelligence disruption: Artificial Intelligence (AI) is promising to be the next major disruption in every walk of business. With a view to empowering students, this session will impart the skills, Also get a curtain raiser for Artificial Intelligence and its possibilities in business

Day 2 – 10th August 2019

Tutorial 3: Development of Smart Grid towards Smart City Perspective

Time: 9:30 AM to 12:30 PM

Resource Person: Dr. Albert Alexander,

Assoc. Prof., Dept. of EEE, Kongu Engineering College, India.

Dr. Albert Alexander did his Post-Doctoral Fellowship in “Fault Tolerant Capability for Solar Photovoltaic System with Intelligent Control Techniques” from Northeastern University, Boston, Massachusetts, USA and Ph.D. in “Performance Enhancement of Solar fed cascaded multilevel inverter using new and existing techniques” from Anna University, Chennai. He has published 15 papers in international journals and around 21 papers in National and International Conferences.

About Development of Smart Grid towards Smart City Perspective: Artificial Intelligence (AI) is promising to be the next major disruption in every walk of business. With a view to empowering students, this session will impart the skills, Also get a curtain raiser for Artificial Intelligence and its possibilities in business

Tutorial 4: Augmented Reality

Time: 1:00 PM to 4:00 PM

Resource Person: Dr.Vigneshwaran.T, Founder & CEO, Nanda Infotech, Coimbatore, India.

Vigneshwaran.T, was the first person in the world who won the World Record Holder award “Universal Achiever Books Record Holder” for creating 153 Web applications in 10 Hrs. by an Individual in October 2018 and World Record Holder – as a Technical Trainer Universal Achievers Book of Records Trained 28 School Students for Creating 220 Chat bots in 90 Minutes in October 2018.

About Augmented Reality: Augmented Reality (AR) is a recent technology that brings components of the digital world into a person’s perception of the real world. VR and AR are upcoming and trending technologies, successfully used in various domains like Engineering, Education, Gaming, Entertainment, Banking & Finance, Healthcare, Defense, Manufacturing, Marketing, Fashion, art and much more. We provide real time exposure to students by means of providing hands on training to enhance the knowledge with unified approach.

**Venue: GNITC, Indoor Auditorium
Dates 9th & 10th August, 2019**

Benefits To:

- All Year Students of CSE & IT
- PG Students (MCA & M.Tech) , Faculty & Research Scholars
- Tutorial Material will be provided
- Certificate of participation will be issued.

To Register, Please Contact:

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**Registration
Fee: Rs.250/-
Per Tutorial**

Outside Participants can pay through online to

Account Number : 62126759850

Account Name : Guru Nanak Institutions Professional Activities

Name of the Bank : State Bank of India (SBI)

Branch Code : Ibrahimpatnam

ISFC : SBIN0020090

Please send scanned copy of Online Registrations to the Email-id: preconference2019@gniindia.org

