

Seminar Notice

Speaker: Dr. Deo Prakash Vidyarthi,
Professor,
School of Computer & Systems Sciences,
Jawaharlal Nehru University, New Delhi.

Title: Improved GA for Channel Allocation in Mobile Computing

Date: 21st September, 2017

Time: 3:00 P.M.

Venue: CV Raman Auditorium

All are welcome

Abstract: Genetic algorithm is a meta-heuristics, often used to solve computationally complex problems. It has been observed that if a problem specific knowledge is incorporated in GA, it converges little faster besides offering better results. Improved GA (IGA) is one such approach that applies nature based phenomena to GA for solving such problems. Channel Allocation is one such computationally complex problem, in which the spectrum are scarce resources and users are infinitely more. IGA has been applied to this channel allocation problem for better allocation.

Biography: Deo Prakash Vidyarthi is Professor in the School of Computer & Systems Sciences, Jawaharlal Nehru University, New Delhi. He was associated with the Department of Computer Science of Banaras Hindu University, Varanasi for more than 12 years and joined JNU in the year 2004 as Associate Professor. He has published around 90 research papers in various peer reviewed International Journals & Transactions, and around 50 research papers in proceedings of various peer-reviewed conferences in India and abroad. He has contributed for many book chapters of the related discipline. He has two books (research monograph) to his credit. One entitled "Technologies and Protocols for the Future Internet Design: Reinventing the Web" published by IGI-Global (USA) released in Feb. 2012, and another "Scheduling in Distributed Computing Systems: Design, Analysis and Models" published by Springer, USA released in 2009. He also has contributed chapters in many edited books. He is in the editorial board and in the reviewer's panel of many International Journals. He is the member of the IEEE, Senior member of the International Association of Computer Science and Information Technology (IACSIT), Singapore, International Society of Research in Science and Technology (ISRST), USA and International Association of Engineers.

MB

MB
18/9/17

Nandan
18/9/17