

FICTA

6TH INTERNATIONAL CONFERENCE ON
FRONTIERS OF INTELLIGENT COMPUTING: THEORY
AND APPLICATIONS (FICTA)

14 -15 October, 2017

School of Computer Applications and
School of Computer Engineering
KIIT University

CALL FOR PAPERS

Important Dates

Last Date of Paper Submission31st July, 2017**Notification of Acceptance**31st August, 2017**Camera Ready Copy**10th September, 2017

Publication

All accepted and registered papers of this special session will be published in Springer

Advances in Intelligent Systems and Computing (AISC) series.

[Now indexed by: ISI Web of Science Proceedings, DBLP, Ulrich's, EI-Compendex, SCOPUS, Zentralblatt Math, MetaPress and Springerlink]

<http://www.springer.com/series/11156>

Submission Guidelines

1. Prospective authors are invited to submit original research work that falls within the scope of the session. All submissions will be thoroughly peer-reviewed by experts based on originality, significance and clarity.

2. Only papers presenting novel research results or successful innovative applications will be considered for publication in the conference proceedings.

3. Kindly ensure that your paper is formatted as per Springer AISC Template (not exceeding 8 pages written in A4 size).

Registration

Please visit conference webpage for registration and other details:

<http://ficta2017.in/>

Special Session on “Mathematical modelling and optimization”

Session Chair(s):

Dr. Deepika Garg, G.D.Goenka University, deepiknit@yahoo.co.in, 9911225115

Session co-chair

Dr. Ozen Ozer, Kırklareli Üniversitesi, Turkey

Theme of Session:

The main aim of this special session is promoting an integrated view of mathematical modelling and optimization techniques to solve real life problems. Mathematical modeling is the art of translating problems from an application area into tractable mathematical formulations whose theoretical and numerical analysis provides insight, answers, and guidance useful for the originating application. Moreover through optimization one can find an alternative with the most cost effective or highest achievable performance under the given constraints, by maximizing desired factors and minimizing undesired ones.

Applications of optimization involve science, engineering, economics, and industry. The wide and growing use of optimization make it essential for students and practitioners in every branch of science and technology.

Topics of Interest:

We invite original (un-published) research contributions based on the above mentioned theme including following topics **but not limited to**:

- i) Mathematical modelling

Mathematical modelling in engineering problems

- ii) Optimization

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Classical optimization, gradient-based, Newton, quasi Newton, convex, Evolutionary and metaheuristic algorithms, simulated, annealing, genetic algorithms, particle swarm optimization, Neural networks, wavelets, Optimization techniques for large-scale data Optimization techniques for Smart Data

Paper Submission Process:

Please submit your paper (in word/pdf format) at
email: deepikanit@yahoo.co.in
with 'Name of Special Session: ' mentioned in the subject line.

Program Committee:

Ms. Sakshi Gupta Amity University, Haryana
Mr. Sameer Arora G.D.Goenka University,Haryana

For any further queries related to this special session, please contact the session chairs at:

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