



CALL FOR PAPERS

Special Session on “Application of Machine Learning: Multidisciplinary Domains”

Session Chair(s):

Dr. Neelamadhab Padhy
Asst Professor, GIET University, Gunupur,
India ,

Prof. R.P. Singh
Vice-chancellor
Sri Satya Sai University of Technology and Medical Science (SSSUTM, Sehore)

Dr. Jitendra Sethlani
Assoc Professor ,Sri Satya Sai University of Technology and Medical Science (SSSUTM,
Sehore)
Dean School of computer science

Theme of Session:

The main aim of this special session is to introduce state-of-the-art and advanced techniques for developing software systems dealing with the machine and deep learning. The objective of this special session is to resolve the difficult task for effort estimation and reusability prediction. The several techniques proposed by the different authors but required more intelligent techniques to predict the reusability estimation from the software code. Predicting the reusability metrics is one of the challenging tasks in software engineering domain. According to recent studies, soft computing has become an important issue in the development of the software engineering field. Soft Computing uses special techniques like neural networks, fuzzy logic, Support Vector Machines, Evolutionary computation to minimize the execution periods of functional tasks. The aim of this special issue is to highlight the utility of different soft computing methodologies on software engineering problems. For a long time, Software Engineering has served as a bridge between other disciplines and their information needs. Its application domain has broadened and evolved day by day, and also the complexity of the engaged problems has increased. Prediction of



software quality related issues such as faulty classes, change proneness classes, refactoring classes, is an area which has attracted the attention of several researchers.

Topics of Interest:

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

- Mining software engineering repositories Software testing, verification, and bug localization
- Modeling, measuring, and assessing product Empirically-based decision making
- Experiments and quasi-experiments Industrial experience & Software project experience,
- Evaluation and comparison of techniques Deep learning and data analytics in software engineering
- Secure software engineering Fuzzy Logic and Fuzzy Systems
- Image Processing
- Bug prediction
- Evolutionary Computation
- Evolutionary Algorithms
- Genetic Algorithms
- Differential Evolution
- Metaheuristic and Swarm Intelligence
- Ant Colony Optimization Particle Swarm optimization
- Probabilistic Reasoning
- Bayesian Networks
- Vision for software engineering education in the future Methodological aspects of software engineering education
- Domain engineering Software engineering education for Cloud Computing
- Development and evaluation of empirical prediction systems or software estimation models
- Image mining
- Video surveillance
- AndroidApp Prediction
- Open source in software engineering education
- Software defect prediction
- Software vulnerability prediction
- Software Reusability Metrics
- Software Reusability Cost Estimation
- Software-intensive systems
- Software Comprehension, Visualization, and Traceability
- Program Transformation and Refactoring
- Security, Reliability, and Privacy



**3rd INTERNATIONAL CONFERENCE ON
INTELLIGENT COMPUTING AND
COMMUNICATION (ICICC - 2019)**

7th & 8th JUNE, 2019

- Software Analysis, Parsing, and Fact Extraction
- Mining defect tracking systems

Paper Submission Process:

Please submit your paper (in word/pdf format) at
email: dr.neelamadhab@gmail.com / neela.mbamtech@gmail.com

With ‘**AMLiM** (Application of Machine Learning: Multidisciplinary Domains: ’ mentioned in the subject line.

Program Committee:

1. Dr.Nilambar Sethi, Assoc Professor, GIET, University, Gunupur
2. Dr.Pragnyaban Mishra, Assoc Professor, KL University, Guntur

**For any further queries related to this special session, please contact the session chairs at:
E-mail ID: dr.neelamadhab@gmail.com, neela.mbamtech@gmail.com
Mobile Number : 9437771064 / 7978557037**

All accepted and registered papers under this conference **will be published in Springer, Advances in Intelligent Systems and Computing (AISC) series**. Now indexed by: ISI Proceedings, **DBLP**, Ulrich's, **EIompindex**, **SCOPUS**, Zentralblatt Math, MetaPress, **Springerlink**. <http://www.springer.com/series/11156>

Also, out of the papers being presented during ICICC2019, extended versions of shortlisted and recommended papers, from each track, shall be considered for publication in Scopus, Web of Science, ACM and DBLP Indexed non-paid journals of IGI Global etc

PLAGIARISM POLICY

The paper prior to submission should be checked for plagiarism from licensed plagiarism softwares like Turnitin/iAuthenticate etc. The similarity content should not exceed 15% .