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Departments of
Computer Science and Engineering & Computer Science and Technology
School of Engineering, Dayananda Sagar University Hosur Main Road, Kudlu Gate, Bengaluru - 560 068. Karnataka, India.

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Special Session on "Application of Artificial Intelligence in Mobile Apps: A Machine and Deep Learning Techniques perspective"

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Theme of Session:

The main aim of this special session is to predict mobile apps i.e Mobile app prediction through the Machine and Deep Learning Techniques. Mobile Apps are the major reason why smartphones are persisting. It has become such an indispensable part of our routine that it rules almost every activity that we perform in our daily lives. It is not only to develop a simple App but also to build up high-quality prediction through that App. It is possible by using ML (Machine Learning) algorithms that can renovate your app into your users' dream. We can achieve it by the knowledge of Android and Software Engineering. The concept of software engineering is rapidly growing and moving to different domains i.e. computer or mobile-based standalone and web-based applications, to amount of newly emerging domain-specific hardware-collaborated forms for attaining the hot areas like IoT, Machine learning, cloud computing, robotics, and embedded systems. An additional foremost focal point of the special issue will be connecting a bridge between the software engineering practitioner and the Mobile industry. The aim of this special issue is the application of Artificial Intelligence in Android-Mobile applications. The target audiences are both academia and manufacturing industry to contribute their imminent, difficulty, familiarities, and current development in the field of Artificial intelligence in software engineering. We encourage industrial/technical papers recitation original

and unpublished consequences of introductory, hypothetical, experimental, and practical software engineering research.

Topics of Interest:

We invite original (unpublished) research contributions based on the above-mentioned theme including the following topics **but not limited to**:

- Neural network
- Defect prediction
- Software Metrics
- Android Mobile prediction
- Software Fault prediction
- Software validation
- Reusability estimation
- Reusability optimization
- Web-service mining
- Web-service optimization
- Mining version control systems
- Mining defect tracking systems
- Formal Methods
- optimize the searching process
- mobile finance apps
- e-commerce apps
- Healthcare mobile market, etc.
- Deep Learning models
- Convolution Neural Network(CNN) in Android
- Generative Adversarial Network(GAN) in Android
- Software cost estimation in web-application
- Bug analysis
- Fraud detection and prevention
- Image recognition;
- Product tagging automation;
- Shipping cost estimation;
- Logistic optimization and supply chain management;
- Wallet management;
- Business Intelligence.
- Automated debugging techniques
- video and audio recognition
- Empirical analysis of software repositories
- Mining mobile apps and their reviews
- Mining software licensing and copyrights
- Mining execution traces and logs
- Mining code review repositories

- Automated software testing
- Tools and techniques for program comprehension
- Mining of repositories across multiple projects
- Models for social and development processes that occur in large software projects
- Prediction of future software qualities via analysis of software repositories
- Characterization, classification, and prediction of software bugs based on analysis of software repositories
- Applications and evaluation of artificial techniques to software engineering

Paper Submission Process:
Please submit your paper (in word/pdf format) at
email: dr.neelamadhab@gmail.com / dr.neelamadhab@giet.edu
with 'Name of Special Session: ' mentioned in the subject line.

Program Committee:

1.Prof.R.P.Singh ,SSSUTM Sehore
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3.Dr.Nilamber Sethi, Dept. of CSE, GIET University
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