



# USJICT



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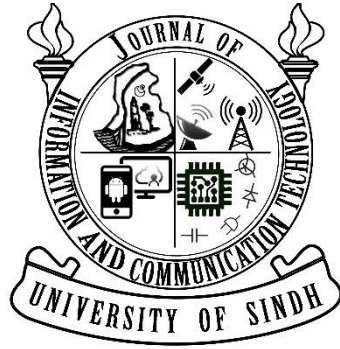


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In this modern era, the scientific research and innovations is taking the front line in academia and amongst the academicians. The role of high quality research journals is heightened to ensure publication and dissemination of these scientific research and innovative ideas. The field of Information Technology, Software Engineering, Computer Science, Electronics and Telecommunication is ever growing and most significant in 21st century. The **University of Sindh Journal of Information and Communication Technology (USJICT)** has been established to bridge the gap between researchers and dissemination of their research findings amongst the academia. The journal objective is to server as a key resource in disseminating latest trends and technological knowledge in the domain of Information and Communication Technologies. USJICT is an open access, double blind peer reviewed research journal, published quarterly by the office of Dean faculty of Natural Sciences and Institute of Information and Communication Technology with a focused aim on promoting and publishing original high-quality research.

## Mission

The mission of this journal is to promote innovative ideas, latest trends and original research in the fields of Information Technology, Software Engineering, Computer Science, Electronics and Telecommunication. The core focus of USJICT is concentrated on promoting and propagating novel and innovative research amongst the readers of this journal. The most important criterion for acceptance/rejection is originality of the material presented in the manuscript.



## Aim of Journal

The aim of this journal is to encourage researchers, investigators and scientists to publish their research findings allowing wider dissemination of their intellectual knowledge, with aim of applying those for the benefit of the society. The newly launched journal would cover full spectrum of the specialties in Information Technology, Software Engineering, Computer Science, Electronics and Telecommunication. It would include original research articles, review articles, case reports, and scientific findings from within specified domain areas of ICT. The journal strictly follows the guidelines proposed by Higher Education Commission (HEC) Pakistan.

## Publication

University of Sindh Journal of Information and Communication Technology is published quarterly i.e., 4 times a year: January, April, July and October, by the office of Dean Faculty of Natural Sciences and Institute of Information and Communication Technology, University of Sindh, Jamshoro

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## Scope of Journal

The primary scope of the journal is from the disciplines of Information Technology, Software Engineering, Computers Science, Electronics and Telecommunication. The specific thematic areas of interest comprising, but are not restricted to, the following:

<b>Information Technology, Software Engineering and Computer Science</b>	
• Information systems	• System Software
• Artificial Intelligence and Pattern Recognition	• Computer Architecture
• Design and Analysis of Algorithms,	• Computer Vision and Image Processing
• Expert systems	• Embedded and Real-Time Systems
• machine learning	• System & Software Engineering
• Pattern Recognition	• Internet and Web
• operating systems	• Internet of Things (IOT)
• Distributed Systems	• Computer Networks and Distributed Computing
• Genomics & Bioinformatics	• Data communication & networks
• Web technologies,	• human-computer interaction
• Database Systems	• Cloud Computing
• Data Science	• Theory and Algorithms
• Data Management and Data Mining	• Software Testing & Quality assurance
• Knowledge Engineering	• Systems Engineering
• Social Computing	• Mobile and Pervasive Computing
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• Network Science	• Multimedia Technology
• Computer and Network Security	• Computer Graphics
• Computing Languages & Algorithms	• Virtual and Augmented Reality
• Software Systems	• Game Development
• Information Security	• High Performance Computing,
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• Biometric authentication and algorithms	• Combinatorics, Graph Theory, and Analysis of Algorithms

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• Robotics and automation1	• Renewable Energy
• Industrial Electronics	• Electrical Engineering Materials
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• Lightning Detection and Protection	• Power System Analysis
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• System-on-a-Chip (SoC)	• Electronic Instrumentation Using CAD Tools.
• VLSI Design-Network Traffic Modelling,	• Green Energy
• SCADA	• Acoustics, speech & signal processing
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• Electrical machinery	•



<b>Telecommunication</b>	
• Mobile and personal communication systems	• Modulation and Signal Processing for Telecommunication,
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• Distributed Platform	• Telematics Services,
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• Heterogeneous networks	• Green and energy harvesting communications

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University of Sindh Journal of Information and Communication Technology strictly follows a full double-blind peer review process, comprising the following steps:

- All papers submitted to the USJICT are first examined by an Editor for the initial review. The editor may assign an Associate Editors to review the quality and scope of the submitted manuscript. If the article fails to meet the journal criteria, the paper is rejected immediately and authors are notified.
- Once the paper is submitted, the editor or Associate editor ensures that the paper follows the **double-blind review policy**. If the author names are found, then the author name(s) and affiliation(s) are removed from the paper and updated version is uploaded on the system either by the editor or corresponding author.
- Every submitted article is checked for the Similarity report by the Editor, before forwarding it to the reviewers. **Turnitin website** is used by the journal as prescribed by Higher Education Commission (HEC) Pakistan, to check the similarity of paper. As per HEC policy, in case manuscript has been found to have a similarity index of more than 19% it will be immediately either returned back to the author for correction and resubmission, or will be rejected and archived. This decision is made by the editor, based on the similarity ratio. (Please Note that the parameters for similarity check involve, Add to No Repository, Exclude Bibliography, Exclude Quoted Text).
- If the paper satisfies the criteria, then the editor or associate editor will send the article to at least (03) reviewers for review. Each article will be reviewed by at least 01 National and 01 International reviewers with a double-blind, peer review policy.
- Reviewers are recruited from the national and international universities having a PhD with reputed research profile (checked through Google Scholar and Research Gate) for the given area/ field of submitted article.





- Each reviewer is initially invited to review the article showing them the article title and abstract only. Upon acceptance of the review request the full paper is presented and a review form is used to record their feedback and suggestions through online management system.
- The reviewers' recommendations will determine whether to “Accept Submission”, “Revision Required”, “Resubmit for Review” or “Decline Submission”. The final decision is made by the Editor based on the reviewers’ report.
- Once the decision has been made, the review response - including the review form and suggestion, are sent to all authors of the article with editorial decision. The same email is then forwarded (BCC) to all reviewers (with Blind policy) and Associate Editors corresponding to the article for ensuring transparency and high standards.
- For the papers which require only revisions, the Associate or Technical editor will re-review the paper for ensuring that the reviewer’s suggestions have been incorporated or not.
- For papers that require resubmission for review, will undergo second Round of review by the same or different reviewers to ensure that the quality of the revised paper is acceptable.
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