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What is peer review?

Peer review (also known as refereeing) is the process of subjecting an author's scholarly work, research, or ideas to the scrutiny of others who are experts in the same field. Peer review requires a community of experts in a given (and often narrowly defined) field, who are qualified and able to perform impartial review. Impartial review, especially of work in less narrowly defined or inter-disciplinary fields may be difficult to accomplish; and the significance (good or bad) of an idea may never be widely appreciated among its contemporaries.

Pragmatically, peer review refers to the work done during the screening of submitted manuscripts and funding applications. This process encourages authors to meet the accepted standards of their discipline and prevents the dissemination of irrelevant findings, unwarranted claims, unacceptable interpretations, and personal views. Publications that have not undergone peer review are likely to be regarded with suspicion by scholars and professionals.

Referees' evaluations usually include an explicit recommendation of what to do with the manuscript or proposal, often chosen from options provided by the journal. Most recommendations are along the lines of the following:

- To unconditionally accept the manuscript or proposal,
- To accept it in the event that its authors improve it in certain ways,
- To reject it, but encourage revision and invite resubmission,
- To reject it outright.

IJAET is a journal for research/survey/case study papers dealing with any area of science and engineering system. The purpose of establishing the scientific journal is the assistance in development of science, operative publication and storage of materials and results of scientific researches and representation of the scientific conception of the society. IJAET follows a strict blind peer-review process, wherein the reviewers are not aware of the identities of the authors of the papers which are being reviewed by them. This policy is a recent amendment to the existing set of guidelines so as to prevent any sort of favoritism. The IJAET reviewers are selected after thorough screening process. IJAET has a process of inviting applications from prospective reviewers.

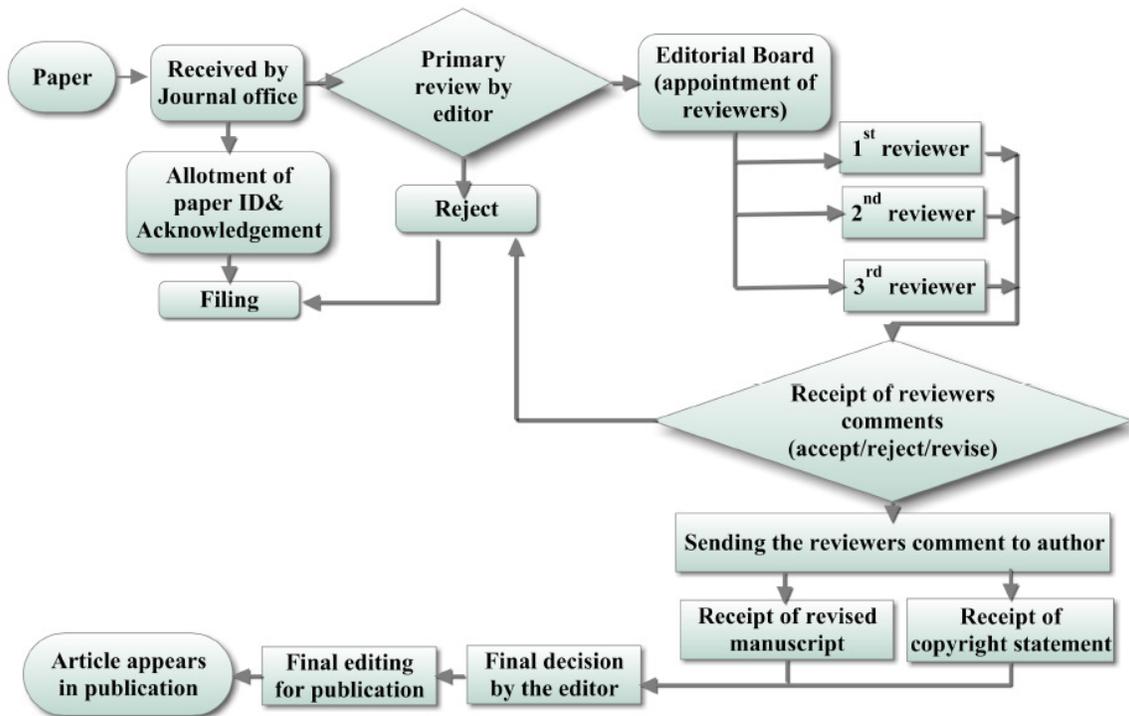
All published journal papers are refereed by the international competent researchers and scientists. Therefore, a full double - blind international refereeing process is used in which:

- Papers are sent to reviewers for their peer review process.

- The reviewers' recommendations determine whether a paper will be accepted / accepted subject to change / subject to resubmission with significant changes / rejected.

For papers which require changes, the same reviewers will be used to ensure that the quality of the revised paper is acceptable. Reviewers are also encouraged to suggest ways to improve the paper, even if it is acceptable in its original form. All papers are refereed, and IJAET reserves the right to refuse any typescript, whether on invitation or otherwise, and to make suggestions and/or modifications before publication.

Flowchart of IJAET Peer Review Process:



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