

Journal of Industrial Technology
 Evaluation Form for RESEARCH MANUSCRIPTS (Revised: 01/07/08)

Manuscript Title:

Referee Number: Date due back from Referee:

Directions for JIT manuscript referees and authors:

1. The author(s) of the accompanying manuscript has categorized the manuscript as primarily A “**research paper**,” qualitative or quantitative.
2. *Qualitative research* may be defined as systematic study to gain knowledge or understanding necessary to determine the means by which a recognized and specific need may be met. *Quantitative research* may be defined as systematic study directed toward greater knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific applications towards processes or products in mind. [\[http://www.fas.org/learn/intl_rev/definitions.htm\]](http://www.fas.org/learn/intl_rev/definitions.htm)
3. Referees – use the following criteria to document your review of the manuscript:

Criteria	Excellent	Adequate	Poor
Significance of the problem			
<ul style="list-style-type: none"> • Was the research problem clearly defined and explained? 			
<ul style="list-style-type: none"> • Was the application of the research relevant to the industrial technology field? 			
<ul style="list-style-type: none"> • Usefulness (How useful is this material to the Industrial Technology profession? For example, would you encourage a colleague or associate to read this article? Would you encourage college and/or university students to read this article? Could you use this material at your place of employment?) 			
Comments:			
Scholarship and objectivity			
<ul style="list-style-type: none"> • Did the literature review provide logical and clear links with the methods and analyses that followed? 			
<ul style="list-style-type: none"> • Were the research methods and procedures clearly explained? 			
<ul style="list-style-type: none"> • Did you agree with the choice of testing and analysis? (Where might you have taken a different approach to improve the testing and analysis?) 			
<ul style="list-style-type: none"> • If statistical analyses utilized, did you agree with the choice(s) of statistical analyses methods? 			
<ul style="list-style-type: none"> • Is the quality of the article sufficient? (Is the content and format of the article of sufficient quality for the JIT?) 			
Comments:			

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Criteria	Excellent	Adequate	Poor
Clarity of presentation			
• Were the results of the research clearly presented and explained?			
• Were the conclusions logically related to the overall methodology?			
• How well did the author(s) relate their conclusions to industrial technology/educational practice or practical applications?			
Comments:			
Insight and perspective			
• Does the paper take an original approach?			
• Does the author(s) demonstrate original insights into the topic or material discussed in the paper?			
• Do the conclusions, implications, or outcomes of the paper make an original contribution in either the application or the solution itself to the field?			
• Does the paper acknowledge its own limitations?			
Comments:			

Notes to referee:

- **DO NOT sign any portion of this form. A copy of this evaluation will be sent to the author(s).**
- **Please provide comments and be specific when items are ranked poor.**
- **See next Page for text of Review Criteria for Research Papers**

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Research Papers – Review Criteria (Adopted by JIT Board, October 2007)

Qualitative research may be defined as systematic study to gain knowledge or understanding necessary to determine the means by which a recognized and specific need may be met. **Quantitative research** may be defined as systematic study directed toward greater knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific applications towards processes or products in mind. [http://www.fas.org/learn/intl_rev/definitions.htm]

Criteria for Research Papers:

- Article focus is useful to the JIT and industrial technology audience.
- Clearly defined topic and purpose, including a specific statement as to the nature of the problem and the significance of the study/research.
- Literature review containing relevant information that builds the case for the study.
- Detailed explanation of research methods and procedures.
- Research results of each procedural step in the development of the research, “facts” of the findings, and proof that results obtained from the research are important to be known and disseminated.
- Statement of conclusions, implications, and recommendations.
- Article conforms to the style and format guidelines of the journal and is written in an appropriate style. Latest version of the APA style guidelines used in manuscript.

Potential questions for research paper referees:

- Significance of the problem
 - Was the research problem clearly defined and explained?
 - Was the application of the research relevant to the industrial technology field?
 - Usefulness (How useful is this material to the Industrial Technology profession? For example, would you encourage a colleague or associate to read this article? Would you encourage college and/or university students to read this article? Could you use this material at your place of employment?)
- Scholarship and objectivity
 - Did the literature review provide logical and clear links with the methods and analyses that followed?
 - Were the research methods and procedures clearly explained?
 - Did you agree with the choice of testing and analysis? (Where might you have taken a different approach to improve the testing and analysis?)
 - If statistical analyses utilized, did you agree with the choice(s) of statistical analyses methods?
 - Is the quality of the article sufficient? (Is the content and format of the article of sufficient quality for the JIT?)
- Clarity of presentation
 - Were the results of the research clearly presented and explained?
 - Were the conclusions logically related to the overall methodology?
 - How well did the author(s) relate their conclusions to industrial technology/educational practice or practical applications?
- Insight and perspective
 - Does the paper take an original approach?
 - Does the author(s) demonstrate original insights into the topic or material discussed in the paper?
 - Do the conclusions, implications, or outcomes of the paper make an original contribution in either the application or the solution itself to the field?
 - Does the paper acknowledge its own limitations?