

# ACED 2023 Paper Template

The Paper Should be Ms. Word Docx

## Paper Title

- 18 font with bold and center justification
- All titles should be in standard mixed case, where the first letter of each word is capitalized and followed by lowercase letters, as noted below:

## Authors and Affiliations

- Author name – 12 font with bold and center justification
- Affiliation – 12 font with center justification
- Authors with the same affiliation should be together
- Authors with different affiliations should be listed separately with one space in between
- Email can be added for each author
- Single space between affiliation and abstract title

## Abstract (12 font)

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- Abstract title – 12 font with bold and center justification
- Abstract text – 10 fonts with full justification
- Not exceeding 200 words.

## Keywords (12 font)

Keyword 1, Keyword 2, Keyword 3, Keyword 4 and Keyword 5. (10 font)

- No more than five keywords (10 font)

## 1. Introduction (12 font)

Add an introduction here, including motivation of the research (why this research is important / why this research is needed), and problem statements. (10 font)

### 1.1 Objectives (11 font)

Add research objectives here. Make sure to fulfill all the research objectives at the end and articulate in conclusion. Focus on key unique research contributions (10 font)

## 2. Literature Review (12 font)

Add literature review here (10 font)

## 3. Methods (12 font)

Add methods here (10 font)

## 4. Data Collection (12 font)

Add data collection here. (10 font)

## **5. Results and Discussion (12 font)**

### **5.1 Numerical Results (11 font)**

Add numerical results here. Make sure to describe all tables and add inferences (10 font)

### **5.2 Graphical Results (11 font)**

Add graphical results here. Make sure to describe all figures and add inferences. If needed, add statistical analysis here. (10 font)

### **5.3 Proposed Improvements (11 font)**

Add propose improvements write here including additional numerical and graphical results (10 font)

### **5.4 Validation (11 font)**

Add any validation here including improvement with statistical hypothesis tests write here (10 font)

## **6. Conclusion (12 font)**

Add conclusion here. Make sure to address that all objectives are met and emphasize of unique research contribution (10 font)

## **References (12 font)**

Add references here. Make sure to follow IEOM reference format. See details at the end. (10 font)

Rahman, M. A., Sarker, B. R. and Escobar, L. A., Peak demand forecasting for a seasonal product using Bayesian approach, *Journal of the Operational Research Society*, vol. 62, pp. 1019-1028, 2011.

Reimer, D., Entrepreneurship and Innovation, Available: <http://www.ieomsociet.org/ieom/newsletters/>, July 2020.

Reimer, D. and Ali, A., Engineering education and the entrepreneurial mindset at Lawrence Tech, *Proceedings of the 3<sup>rd</sup> Annual International Conference on Industrial Engineering and Operations Management*, Istanbul, Turkey, July 3 – 6, 2012, pp. xx-xx.

Reimer, D., Title of the paper, *Proceedings of the 5<sup>th</sup> North American International Conference on Industrial Engineering and Operations Management*, Detroit, Michigan, USA, August 10-14, 2020, pp. xx-xx.

Shetty, D., Ali, A. and Cummings, R., A model to assess lean thinking manufacturing initiatives, *International Journal of Lean Six Sigma*, vol. 1, no. 4, pp. 310-334, 2010.

## **Biography (12 font)**

Add each author biography – limited to 250 words. (10 font)

## **Page Layout**

- 8 1/2" X 11" paper
- All margins: 1.00"
- Full justification
- Times New Roman font
- Maximum 12 pages
- Single space for entire manuscript
- Each paper should have abstract, introduction, literature review with minimum 15 citations including some recent publications, methods, data analysis, numerical and graphical results, statistical analysis, validation, conclusion and references.
- Conference name as a header and copyright information as footer must be used. Copyright information implies that IEOM Society International has right to publication the paper

## **1. Headings (12 font)**

- 12 font size with bold and left justification
- Header should have numbering

### **1.1 Sub-Headings (11 font)**

- Title – 11 font with sub-numbering
- Text – 10 font with no indexing
- One space between paragraphs

## **Literature Review**

If author is mentioned at the beginning for the citation:

Rener (2020) developed the SC network with uncertainty. - For Single author

Rener and Ali (2020) developed the SC network with uncertainty. - For two authors

Rener et al. (2020) developed the SC network with uncertainty. - For more than two authors

or if author is mentioned at the end for the citation:

SC network was developed with uncertainty (Rener 2020). - For single author

SC network was developed with uncertainty (Rener and Ali 2020). - For two authors

SC network was developed with uncertainty (Rener et al. 2020). - For more than two authors

### **Full details should be provided at the end for Reference Section:**

Rener, A., Optimization of the supply chain network using uncertainty, *International Journal of Industrial Engineering and Operations Management*, vol. xx, no. xx, 2020.

Rener, A., and Ali, A., Optimization of the supply chain network using uncertainty, *International Journal of Industrial Engineering and Operations Management*, vol. xx, no. xx, 2020.

Rener, A., Ali, A., and Reimer, D., Optimization of the supply chain network using uncertainty, *International Journal of Industrial Engineering and Operations Management*, vol. xx, no. xx, 2020.

### **Few aspects to be considered to prepare a literature review:**

- Introductory write up for literature review
- Make sure to add some recent references
- Avoid paper-by-paper review. It should be based on category. Similar topics, applications or tools could be added in one paragraph. Few citations should be in a paragraph.
- A summary paragraph should be added.

## **Figures**

- Texts of figure should be readable
- Original high quality pictures
- Center justification
- Title of Figure should be in center and it must be mentioned as “Figure x: ...”
- Title of figure should be sentence case with center justification and 10 font
- Title should be after figure
- All figure numbers must be mentioned in the body of the paper.
- One space between texts and figure, figure and title of the figure and title of the figure and texts.

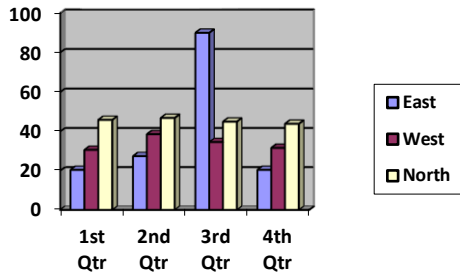


Figure 1. Name of the figure

### Tables

- Texts of table should be readable
- Center justification
- Title of table should be in center and it must be mentioned as “Table x: ...” It should be added before table.
- Title of table should be sentence case with center justification and 10 font size
- All table numbers must be mentioned in the body of the paper.
- One space between texts and table, table and title of the table and title of the table and texts.

Table 1. Name of the table


### Equations

- Equation numbering is optional.

### Acknowledgments

- Add acknowledgment if needed

### Citation Styles

If the author is mentioned at the beginning of the citation, use the below format:

Rener (2020) developed the SC network with uncertainty. - For Single author

Rener and Ali (2020) developed the SC network with uncertainty. - For two authors

Rener et al. (2020) developed the SC network with uncertainty. - For more than two authors

If the author is mentioned at the end of the citation, use the below format:

SC network was developed with uncertainty (Rener 2020). - For single author

SC network was developed with uncertainty (Rener and Ali 2020). - For two authors

SC network was developed with uncertainty (Rener et al. 2020). - For more than two authors

### Full details should be provided at the end for Reference Section:

Rener, A., Optimization of the supply chain network using uncertainty, *International Journal of Industrial Engineering and Operations Management*, vol. xx, no. xx, 2020.

Rener, A. and Ali, A., Optimization of the supply chain network using uncertainty, *International Journal of Industrial Engineering and Operations Management*, vol. xx, no. xx, 2020.

Rener, A., Ali, A. and Reimer, D., Optimization of the supply chain network using uncertainty, *International Journal of Industrial Engineering and Operations Management*, vol. xx, no. xx, 2020.

## References Guidelines

- References title – 12 font with bold and left justification
- References texts – 10 font
- Use single space
- No empty line between two references
- No numbering should be used for references
- Last name and year should be used for any reference citation. Last name and year should be used for single author and double authors. For more than two authors, the last name of the first author and “et al.” with year should be used. For examples: Reimer (2009), (Reimer 2009), Reimer and Ali (2009), (Reimer and Ali 2009), Reimer et al. (2009) and (Reimer et al. 2009). Number is not allowed in the reference citation.
- All references must be cited in the paper.
- Journal and conference names should be in italic.
- Title of the book should be in italic.
- All lines after the first line of references list should be indented one-fourth (1/4) inch from the left margin. This is called hanging indentation.
- Below are some examples.

### For journal papers

#### One author

Last name, first initial., Title of the paper, *Journal Name*, vol., no., pp., year.

Lee, J., Measurement of machine performance degradation using a neural network model, *International Journal of Modelling and Simulation*, vol.16, no. 4, pp. 192-199, 1996.

#### Two author (more authors will have similar format with addition authors)

Last name, first initial. and last name, first initial., Title of the paper, *Journal/Conference Name*, vol., no., pp, year.

Cook, V. and Ali, A., End-of-line inspection for annoying noises in automobiles: trends and perspectives, *Applied Acoustic*, vol. 73, no. 3, pp. 265-275, 2012.

Rahman, M. A., Sarker, B. R. and Escobar, L. A., Peak demand forecasting for a seasonal product using Bayesian approach, *Journal of the Operational Research Society*, vol. 62, pp. 1019-1028, 2011.

Reimer, D., and Ali, A., Engineering education and the entrepreneurial mindset at Lawrence Tech, *Proceedings of the International Conference on Industrial Engineering and Operations Management*, Istanbul, Turkey, July 3 – 6, 2012.

Shetty, D., Ali, A. and Cummings, R., A model to assess lean thinking manufacturing initiatives, *International Journal of Lean Six Sigma*, vol. 1, no. 4, pp. 310-334, 2010.

### For conference papers

#### One author

Last name, first initial. Title of the paper, *Conference Name*, pp. xx-xx, city, country, dates, year.

Reimer, D., Entrepreneurship learning experiences, *Proceedings of the 12<sup>th</sup> Annual International Conference on Industrial Engineering and Operations Management*, pp. xx-xx, Istanbul, Turkey, March 7-10, 2022.

O’Neill, E., Introduction to Improving Adaptive Snow-Sports through Engineering Design, Ergonomic Form and Function, *Proceedings of the 4<sup>th</sup> North American International Conference on Industrial Engineering and Operations Management*, pp. 1486-1487, Toronto, Canada, October 23-25, 2019.

#### Two author (more authors will have similar format with addition authors)

Last name, first initial. and last name, first initial., Title of the paper, *Conference Name*, pp. xx-xx, city, country, dates, year.

Aghimien, D. and Aigbavboa, C., Performance of selected funding schemes used in delivering educational buildings in Nigeria, *Proceedings of the 3<sup>rd</sup> North American International Conference on Industrial Engineering and Operations Management*, pp. 108-119, Washington DC, USA, September 27-29, 2018.

Motsepe, Y. A., Makhanya, B. and Pretorius, J.H.C., Exploring the impact project definition readiness index on capital projects for coal-fired power station projects, *Proceedings of the First African International Conference on Industrial Engineering and Operations Management*, pp. 638-649, Pretoria, South Africa, October 29 – November 1, 2018.

### **For books**

Last Name, First Initial. and Last Name, First Initial., *Title of the book*, edition, publisher, year.

Chang, T., Wysk, R. and Wang, H., *Computer-Aided Manufacturing*, 3<sup>rd</sup> Edition, Prentice Hall, New Jersey, 2006.

### **For website**

Last Name, First Initial. and Last Name, First Initial., Article title article title article title article title article title,  
Available: <http://www.ieomsociety.org/Details.aspx?id=xxx>, May 21, 2019. If the author's name is not listed, begin with the title of the article for citation.

Name of the website, Available: <http://www.ieomsociety.org/Details.aspx?id=xxx>, Accessed on May 21, 2019.

### **For Newspaper**

Last Name, First Initial. and Last Name, First Initial., Newspaper article title, date of publication date Accessed Month Day, Year. If the author's name is not listed, begin with the title of the newspaper article for citation.

### **All references should be organized alphabetically (Example )**

Aghimien, D. and Aigbavboa, C., Performance of selected funding schemes used in delivering educational buildings in Nigeria, *Proceedings of the 3<sup>rd</sup> North American International Conference on Industrial Engineering and Operations Management*, pp. 108-119, Washington DC, USA, September 27-29, 2018.

Ali, A. and Renner, A., Optimization of the supply chain network using uncertainty, *International Journal of Industrial Engineering and Operations Management*, vol. xx, no. xx, year.

Chang, T., Wysk, R. and Wang, H., *Computer-Aided Manufacturing*, 3<sup>rd</sup> Edition, Prentice Hall, New Jersey, 2006.

Cook, V. and Ali, A., End-of-line inspection for annoying noises in automobiles: trends and perspectives, *Applied Acoustic*, vol. 73, no. 3, pp. 265-275, 2012.

Krstovski, S., Quality index, [www.ieomsociety.org/newsletter/](http://www.ieomsociety.org/newsletter/). Accessed May 21, 2020.

Lee, J., Measurement of machine performance degradation using a neural network model, *International Journal of Modelling and Simulation*, vol.16, no. 4, pp. 192-199, 1996.

### **Biography / Biographies (for the single author – biography and multiple authors- biographies)** – 12 font bold

- Include a bio of each author at the end of the paper
- Limited to 250 words