



IEEE - MVSR STUDENT BRANCH  
Student Branch Code: 12161, School Code: 41329276



## How to Write a Technical Paper

IEEE MVSR SB has conducted a webinar on 21<sup>st</sup> September, 2020 on “How to Write a Technical Paper”. The event has been a very knowledgeable session to the attendees as many of them are acquainted about how a technical paper is to be written and how it is helpful for one’s career

### Student Branch Mentor:

Dr. Atul Negi,  
Professor, School of CIS,  
University of Hyderabad

### Student Branch Advisor:

Dr. G. Kanaka Durga,  
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### Student Branch Counsellor:

Dr. D. Hari Krishna,  
Associate Professor, EEE Dept.,  
MVSR Engineering College.

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### WIE Affinity Group Advisor:

Mrs. A. Vijaya Vahini,  
Assistant Professor, IT Dept.,  
MVSR Engineering College.

### PES Student Chapter Advisor:

Dr. D. Hari Krishna,  
Associate Professor, EEE Dept.,  
MVSR Engineering College.

### CS Student Chapter advisor:

Mrs. B. Saritha  
Associate Professor, CSE Dept.,  
MVSR Engineering College.

### CASS Student Chapter Advisor:

Mrs. S. Aruna  
Assistant Professor, ECE Dept.,  
MVSR Engineering College.

### Computer Society:

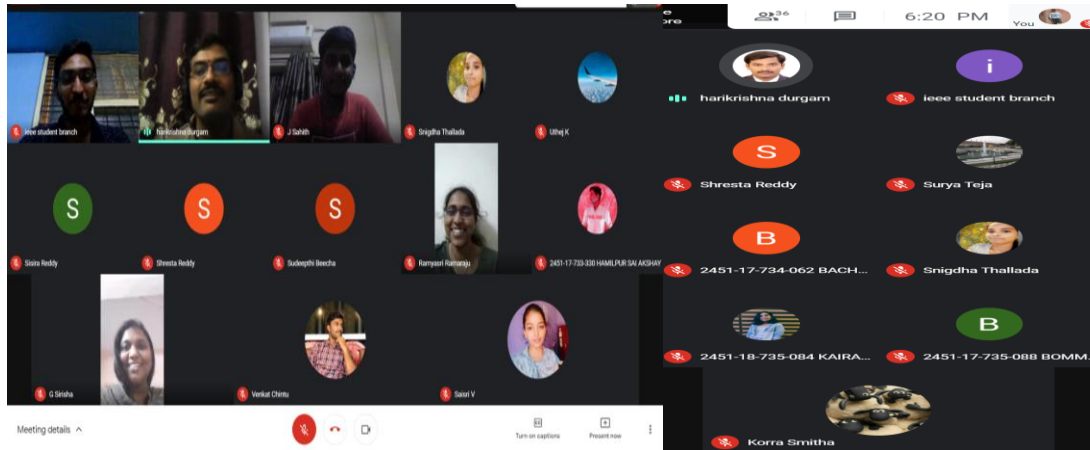
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**Event details:****Date:** 21<sup>st</sup> September, 2020.**Time:** 6:00 pm – 7:30 pm**No. of participants:** 36**Speaker for the session:** Dr. D. Hari Krishna, Senior Member IEEE, Student Branch Counsellor, IEEE MVSR SB, Advisor IEEE MVSR PES Student Chapter and Associate Professor, EEE Department, MVSREC.**Attendees in the session**

Mr. N. Avinash, Chairperson, IEEE MVSR SB has commenced the session by welcoming speaker, Dr. D. Hari Krishna, Student Branch Counsellor, IEEE MVSR SB, Executive Committee and all the attendees to the session, Mr. Avinash has given a brief introduction about the speaker.

Then, Dr. D. Hari Krishna has started his lecture by explaining that, by often whom the technical papers are written by, it's purpose and its impact on UG and PG students. He has briefed about the Journals and Conferences, stated that "Conference articles are typically shorter than journal articles, with less detail and fewer references."

Later, He has said that technical paper is neither an English paper nor a science lab report, he mentioned that a technical paper consists of following key elements: Abstract, Introduction, Work Done, Results & Discussion, Conclusion, and References.



Speaker showing the general structure of a technical paper

He has explained the general structure of a technical paper. He said that an article begins with the Title, Abstract and Keywords, then the main text, which follows the IMRAD (Introduction, Methods, Results and Discussion) format and the main text is followed by Conclusion, Acknowledgements, References and Supporting materials. Then, he has specified the steps for organizing one’s manuscript in detail.

He has clearly mentioned that, there are two important things one should do for setting the groundwork for entire process. They are: The topic to be studied should be the first issue to be solved, defining hypothesis and objectives and reviewing the literature related to the topic and select some papers (about 30) that can be cited in one’s paper.

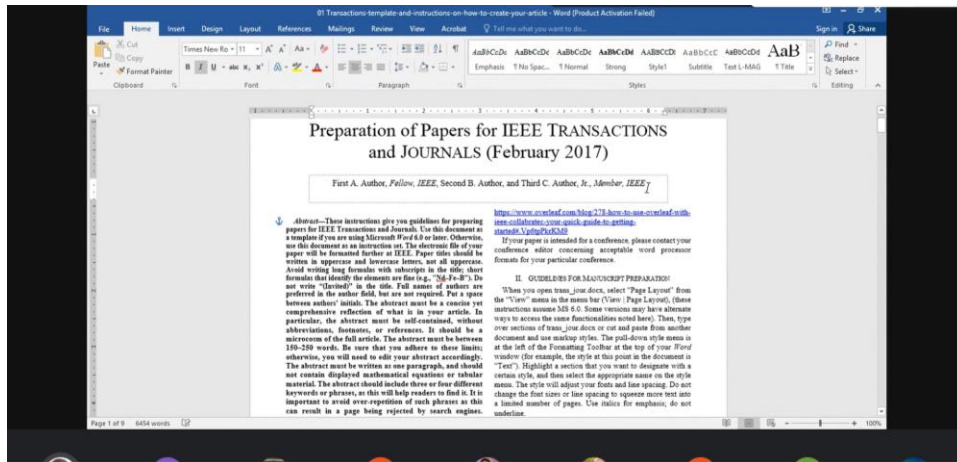


Speaker describing the steps that one needs to organize in their manuscript

Later, Dr. D. Hari Krishna has detailed that while preparing tables and figures, the tables should have the actual experimental results, mentioned that in writing the methods, one should propose a new method and should not repeat the details of established methods and representative results should be presented in one’s technical paper.

He also described that writing up the discussion section might be probably easiest section, but the hardest section to get right. Since, it is the most important section of the article, stated that a common error observed in conclusion section is repeating the abstract, or just listing experimental results

He has clearly specified that how an introduction should be, writing the abstract, composing a concise and descriptive title, how keywords are useful for indexing and about the Acknowledgements and the References.



Speaker showing an example of a technical paper

Later in the question and answer session, Dr. D. Hari Krishna has answered all the queries raised by the attendees with examples and clear explanation. At the end, Mr. Ch. Sai Teja, Secretary, IEEE MVSR SB has concluded the session by thanking the speaker for sparing his valuable time, SBC for his constant support and all the attendees for their kind attention towards the session.

**REPORTED BY-  
IEEE MVSR SB**