

B.M.S. COLLEGE OF ENGINEERING

DEPARTMENT OF MEDICAL ELECTRONICS ENGINEERING

::::: Distinguished Lecture :::::::

Easy and Lazy **Technical Writing:** Solid logic to invoke an Aha-Experience

by Prof. Akihiko K. Sugiyama (Ken), **Damas.cus Corporation / Tokyo Metropolitan University,** Tokyo, Japan

Sponsored by









Auditorium 2 BSN PJ Block

Faculty Coordinator Dr. Abhishek Appaji, Medical Electronics, BMSCE abhishek.ml@bmsce.ac.in





ABOUT THE DISTINGUISHED LECTURE

40+ years of experience developing telecommunications, speech, and audio signal processing systems for consumer and network system products. In addition to proven record of technology adoption in products and international standards as well as publication and granted patents, marketing and sales experience to develop over 300 new contacts in the world in two years and proof-of-concept (PoC) evaluations with world-leading companies for technical licensing are unique as a research engineer. Once representing Japan for ISO/IEC MPEG Audio standardization including an Interim Chair of the Audio Subgroup at the Angra dos Reis Meeting in Brazil, experiences extend to ITU and 3GPP standardizations as a delegate. Established a bridging career between industry and academia through 25+-year teaching experience at universities and supervision of 75 internship students. Delivered 215 invited talks in 97 cities in 31 countries, and received 25 awards. The sole inventor or a co-inventor of 273 registered patents in Japan and overseas. Fellow of IEEE as well as Honorary Member and Fellow of IEICE.A Distinguished Lecturer for Signal Processing Society (2014-2015) and Consumer Electronics Society (2017-2018), and a Distinguished Industry Speaker for Signal Processing Society (2020-2021), IEEE. Recognized as a Renowned Distinguished Speaker (The Rock Star) in 2020 by Consumer Electronics Society, IEEE.



Easy and Lazy Technical Writing: Solid logic to invoke an Aha-Experience

This talk presents an easy and lazy way for unexperienced authors to write a technical paper with a higher probability of acceptance. In technical writing, logic design before drafting is the key to the success. By analyzing the reviewers' task, the value of the paper and the trick to achieve it are identified as the most important components of the logical structure in the paper. It is also reconfirmed by a diamond shape derived from the expectation-reality relationship. In order to overview the whole manuscript and refine the logical structure, slide preparation before drafting is useful. A three-point analysis before slide preparation identifies the value, the trick, and the problem all mentioned earlier. The three-point analysis is performed with the help of a three-point analysis sheet specially developed for this purpose. The designated font size is 36 point, which forces the author to refine the essence repeatedly to complete the analysis. Design of the paper title and the topic sentence is straightforward using the value and the trick identified by the three-point analysis. Examples help the authors understand how the three-point analysis is performed. In the drill session, the authors have a chance to perform the three-point analysis with their own paper.













B.M.S. College of Engineering, Bengaluru Department of Medical Electronics Engineering

in Collaboration with

IEEE Signal Processing Society Bangalore Chapter

"Easy and Lazy Technical Writing: Solid Logic to Invoke an Aha Experience."

26 May 2025

The talk presented a structured and simplified approach to technical writing, aimed at inexperienced authors. It focuses on increasing the probability of paper acceptance by refining logical design before drafting.

Key Concepts during the talk

1. Logic Design Before Drafting:

- Emphasizes that proper logical structure leads to successful technical writing.
- o Ensures clarity for both authors and reviewers.

2. Reviewer's Perspective:

- Analyzes the reviewer's task to understand key expectations.
- Identifies the value of the paper and tricks to enhance acceptance chances.

3. The Diamond Shape Model:

- o Forward Triangle and Backward Triangle
- Represents the expectation-reality relationship.
- Helps refine manuscript clarity and effectiveness.

4. Slide Preparation Before Drafting:

- o Enables a structured overview of the manuscript.
- o Improves logical coherence before writing.

5. Three-Point Analysis Approach:

- Focuses on value, trick, and problem as key components of technical writing.
- Uses a specially designed three-point analysis sheet to repeatedly refine the paper's essence.
- Large font size (36 pt) forces concise refinement.

6. Title and Topic Sentence Design:

- Based on value and trick identified in three-point analysis.
- Ensures a clear and compelling title.

Examples illustrated how the method is applied in real-world technical writing.

This talk introduced an efficient, structured approach to technical writing that optimizes manuscript clarity and increases acceptance probability. By focusing on logical design, reviewer expectations, and structured refinement, authors can craft high-quality papers with minimal effort. The practical methods provided, including slide preparation and three-point analysis, make technical writing more accessible and impactful.











Feedback Summary

Easy and Lazy Technical Writing: Solid logic to invoke an Aha-Experience

by

Prof. Akihiko K. Sugiyama (Ken), Damas.Cus Corporation / Tokyo Metropolitan University, Tokyo, Japan

Date: 26 May 2025 | Time: 10:00 AM IST

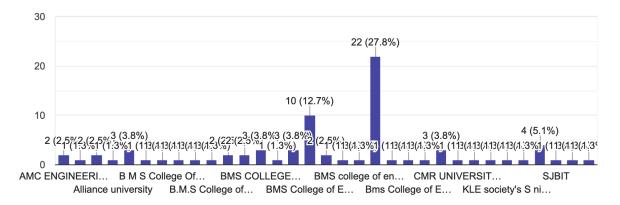
Venue: Auditorium 2, BSN PJ Block, B.M.S. College of Engineering, Bengaluru.

Participants from Different Universities/Colleges

- B.M.S. College of Engineering
- AMC Engineering College
- CMR University
- KLE Society's Nijalingappa College
- SJBIT College
- Dayananda Sagar College of Engineering
- Sir. M. Visvesvaraya Institute of Technology
- REVA UNIVERSITY
- Bapuji Institute of Engineering and Technology
- Global Academy of Technology

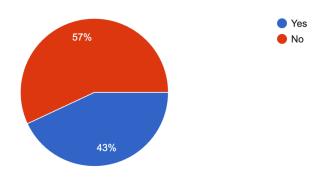
Name of your Institute / Organization

79 responses



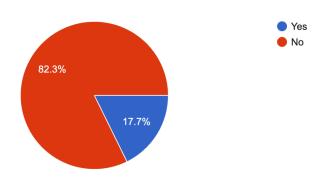
Are you an IEEE Member?

79 responses



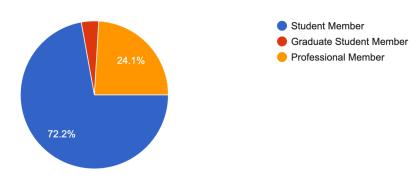
Are you an IEEE SPS Member?

79 responses



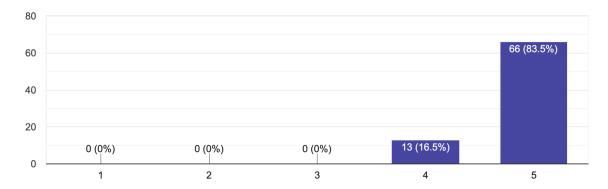
Membership Grade?

79 responses



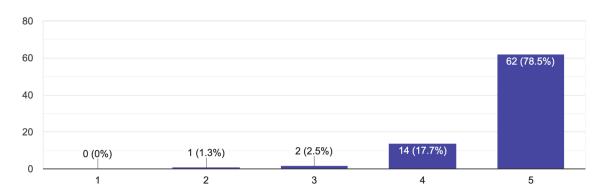
How would you rate this session?

79 responses



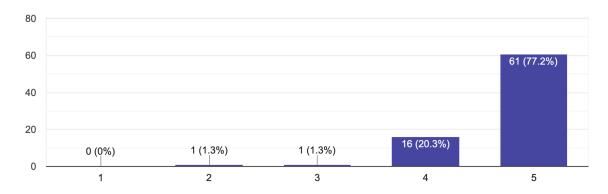
The subject matter was delivered effectively.

79 responses

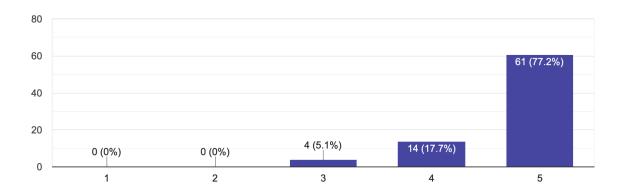


The session speaker stimulated my interest in the topic.

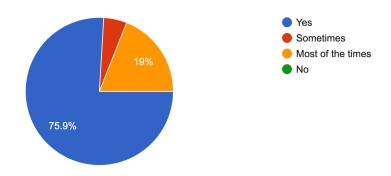
79 responses



How would you rate the interaction with speaker?
79 responses



Was the information in the session easily understandable? 79 responses



Sample Feedback

- More sessions like these will be good
- would want more technical writing talks
- Can have more interactive sessions.
- Was really insightful
- Thank you for organising this insightful session!
- It was a good session and got a few new inputs.
- Understood, learned something new, prof. Ken was really good in communication, overall it was a wonderful session.
- It was really informative session.
- Great session
- Overall good
- To be honest, I walked into "Easy and Easy Technical Writing to Invoke the AHA Experience without expecting much—technical writing has never really sounded exciting. But this session completely flipped that perception. What

seemed like a dry, mechanical skill turned out to be surprisingly creative and approachable. The way the concepts were explained made everything feel intuitive, and I found myself genuinely interested in trying it out myself. It made technical writing feel less like a chore and more like a powerful tool to communicate ideas clearly, especially in something as intricate as SOLIDWORKS. I'm actually looking forward to exploring it more now.

- Very good insight for students to write quality papers.
- Good session
- Amazing! Please keep more sessions like this.
- Good
- An amazing session from Ken sir. It was an excellent session. 100% worth my time. Looking forward to more such sessions by such amazing speakers.

S No	Name	Department	Organization / Institution	Year	lEEE Membership	Signature
1	Abhishek Appaji	Medical Electronics	BMSCE/SPS	Faculty	92477249	
2	A M Vishnu	cyber security	Dayananda sagar University	First	101200131	
3	Adithi Rao	Medical Electronics	BMSCE	Second		Adithya Baile
4	Adithya J Baile	Medical Electronics	BMSCE	Second		Adithya Baile
5	Aditya Sri Vasishta	Medical Electronics Engineering	BMSCE	Second		
6	Advaith Hariharan	medical electronics	BMSCE	Second		A shi
7	Aishna Tiwari	Electrical and electronics	BMSCE	First	100763254	
8	Aishu D	Medical Electronics Engineering	BMSCE	Third		Aids
9	Akash M	MEDICAL ELECTRONICS	BMSCE	Second		Abosh 2 July S
10	Amith Srivatsa	ECE	VIT Vellore	M.tech 2nd Year	100556058	2 Sull S
11	Amith Srivatsa	ECE	VIT Vellore	M.tech 2nd year	100556058	
12	Amitha S	CSE	KSSEM	PhD Research Scholar		and the same of th
13	amruta	CSE	BMSCE	Faculty		Q.L.
14	Ananya Hegde	Medical Electronics	BMSCE	Third		
15.	Anushree Shetty	AIML	BMSCE	Second	99768246	Anushre

S No	Name	Department	Organization / Institution	Year	IEEE Membership	Signature
16	Aparna U Rao	Medical electronics	BMSCE	Second	99765428	dasho
17	Apaṛna U Rao	Medical electronics	BMSCE	Second	99765428	deare.
18	Aqif Sait	Medical Electronics	BMSCE	Third		
19	Areeba Javaid	Medical Electronics	BMSCE	Third		4.4
20	ASHA LATHA B	ELECTRONIC AND COMMUNICATIONS	AMC ENGINEERING COLLEGE	Third		
21	Ashwin Thammaiah K	Civil Engineering	RV College of Engineering	PhD Research Scholar	NA	
22	B N Mukunda	Medical Electronics	BMSCE	Second		Pannalanda
23	B SAI SAHITHI	AIML	BMSCE	Second	99768598	Pannakanda Caih: Hil
24	Chandrakala G Raju	Information Science and Engineering	BMSCE	Faculty		
25	CHITHRASHREE N	Computer Applications	BMSCE	Final Year		Challen
26	Darshan S K	Medical Electronics	BMSCE	Third		Summents.
27	Dr Ashwini Appaji	Alumni Network	BMSCE	ARM		
28	Dr BEENA ULLALA MATA B N	Electronics and Communication	BMSCE	Faculty		
29	Dr Sudhir K. Routray	CSE	CMR University, Bangalore	Professor	41430490	391
30	Dr. Arun Balodi	ECE	Dayananda Sagar University, Bangalore	Faculty	92553626	

S No	Name	Department	Organization / Institution	Year	IEEE Menibership	Signature
31	Dr. Chengappa Munjandira	IEEE	IEEE Bangalore Section	Industry Professional		
32	Dr. ILA RAI	EEE	Alliance University	Faculty	99558644	
33	Dr. Karthik Kumara	Physics	BMSCE	Faculty		
34	Dr. Mangala Gowri S G	Electronics and Communication Engg	Sir.M.Visvesvaraya Institute of Technology	Faculty	98400423	(Your 26/5 9:30
35	Dr. Sainath K	Chemical Engineering	BMSCE	Faculty		
36	Dr. Sundari Tribhuvanam	ECE	Atria Institute of Technology	Faculty	97043231	
37	Dr. SUPRIYA S.	CHEMISTRY	BMSCE	Faculty		
38	Dr. Umadevi V	Computer Science and Engineering	BMSCE	Faculty		
39	Dr.Dllip R	Electronics and Communication	SJB Institute of Technology	Faculty		
40	GAURANG BHATIA	Cse(core)	BMSCE	First	100769697	
41	Gelesh	Computer science	Christ University	PhD Research Scholar	Dont Remeber	
42	Harshan J	Electronics And Communication	Alliance School Of Applied Engineering, Alliance	First	101053651	12213
43	Harshan J	Electronics And Communication	Alliance School Of Applied Engineering, Alliance	First	101053651	
44	Harshith M	CSE	BMSCE	First	100772109	
45	Harshitha bai	Medical electronics	BMSCE	Third		

S No	Name	Department	Organization / Institution	Year	IEEE Membership	Signature
46	Hasan Mashhud	Medical electronics	BMSCE	Third		Hasan
47	Jyothi A Goudar	Physics	BMSCE	PhD Research Scholar		
48	Kanishka Mishra	CS-ICB	BMSCE	First	NA	
49	Kanmani	ETE	BMSCE	Faculty		
50	Koustubh Deshpande	Electrical and Electronics	Nmamit	Second	NA	
51	KUM KUM KUMARI	ELECTRONICS AND COMMUNICATION	AMC ENGINEERING COLLEGE	Third		
52	Kundan Agarwal	EEE	BMSCE	First	100766493	
53	Kushal A	Medical electronics	BMSCE	Second		
54	Lakshita	Medical Electronics Engineering	BMSCE	Third		
55	Lakshmi L	Medical electronics	BMSCE	Second	100	
56	Lavanya Naik	CSE(Data Science)	BMSCE	Faculty		
57	Likhitha N	Electronics and Communication	BMSCE	Third		
58	Madhura	Medical electronics	BMSCE	Second		
59	Madhwesh Bharadwaj CV	ECE	BMSCE	Second		
60	Manasa Y	Medical Electronics Engineering	BMSCE	Third		

S No	Name	Department	Organization / Institution	Year	IEEE Membership	Signature
61	Manisha Joshi	Electronics and Communication	BMSCE	Faculty		
62	Mayank	CSDS	BMSCE	First	NA	
63	Mayanka Gupta	CSE	BMSCE	Faculty	93044011	Mayorka
64	Mayuri s Kumar	Medical electronics engineering	BMSCE	Third		
65	Megha J	cse	BMSCE	PhD Research Scholar		0
66	Mohammad Omar Ahmed	Medical Electronics Engineering	BMSCE	Third	Yes.	District _
67	Mohith B S	Computer Science and Engineering	Alliance School of Advance Computing	First	NA	soft.
68	Mohith B S	Computer Science and Engineering	Alliance School of Advance Computing	First	NA	An s
69	Mr. Girish K	Computer Applications	BMSCE	Faculty	YES	28/8/28
70	Nagaveni B N imbal	CSE	KSSEM	PhD Research Scholar		
71	Namyatha N Mulbagal	Medical electronics engineering	BMSCE	Third	/	Muyathi
72	Nandan M N	ECE	BMSCE	Second		
73	Narasimhaswamy TG	ECE	Sri Siddhartha institute of technology	Second	101207845	
74	Nidhi S	Medical electronics	BMSCE	Third		
75	Niharika Ibrampur	Medical Electronics	BMSCE	Third	N.	

S No	Name	Department	Organization / Institution	Year	IEEE Membership	Signature
76	P SURESH BABU	AI&DS	BMSCE	Faculty	Moniscioni	
77	Pavani Kumar Dalve	MCA	BMSCE	Final Year		
78	Pranati Phanish	Medical Electronics	BMSCE	Third		
79	Prathiksha	Electronics and communication	Mangalore Institute of technology and	Third	99416995	
80	Prema C	ECE	BMSCE	PhD Research Scholar		
81	Prerna Balaji	Medical Electronics	BMSCE	Third		
82	R.Haricharan	MCA	BMSCE	Final Year	NA	Hanisharan
83	R.pradeep Ram	ECE	Alliance School of Applied Engineering, Alliance	First	NA	Haricharan a good of the state
84	Raghav Bansal	Computer Science	RNS Institute of Technology	Second	100893810	
85	RAHUAL S	Electronic and Communication	Alliance School of Applied Engineering , Alliance	First	NA	
86	Rakhee Kallimani	EEE	KLE Technological University Dr M S Sheshgiri	Branch counsellor		.9
87	Ramya K M	CSE	BMSCE	Faculty	Yes	A
88	Rishika Vandhita	Medical Electronics	BMSCE	Second		
89	Rohini Poornachandra	Medical Electronics	BMSCE	Second	Not sure	
90	Rohini R	Medical electronics	BMSCE	Third		

S No	Name	Department	Organization / Institution	Year	IEEE Membership	Signature
91	Saanvi Kudari	Medical Electronics	BMSCE	Third		Amighdan.
92	Sai Niharika A	Medical electronics	BMSCE	Third		
93	Sameeksha Shaji	Medical Electronics	BMSCE	Second		
94	Sarabjeet Singh Jaura	Mechanical	BMSCE	First	NA	
95	Sharanappa Chapi	Physics	BMSCE	Third		
96	Sharath K M	CSE	REVA University	Third	99898314	
97	Sharath K M	CSE	REVA University	Third	99898314	
98	SHIVAPRASAD N	ECE	SJCE JSSSTU	Faculty	NA	
99	SHREEVATSA D S	CSE	BMSCE	Faculty		
100	Shrilaxmi heralagi	Computer Applications	KLE society's S nijalingappa college	Final Year	100869808	
101	Shruthi K R	AI & DS	BMSCE	Faculty		Shuti be
102	Sougandhika Narayan	CSE	KSSEM	Faculty		
103	Sournya	Medical Electronics	BMSCE	Second		Sounger
104	Sriharshaa Padmakumar	Medical Electronics	BMSCE	Second		
105	Suchitra H	Medical electronics engineering	BMSCE	Third	NA	

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106	Sunitha T	MCA	BMSCE	Faculty		
107	Supreeth S	Computer Science and Engineering	BMSCE	Faculty		
108	Swasthik G Achar	MEDICAL ELECTRONICS	BMSCE	Second	in the	Cathill .
109	Tasneem Fathima	Data science	Vemana IT	First		3178 000
110	Tejaswini K	CSBS	BMSCE	Faculty		
111	Tharnmanna S	Medical Electronics	BMSCE	Third	101346423	Alexa
112	Tisha Hereford	Medical electronics	BMSCE	Second		Tisha
113	V C Mohit Rao	AIML	BMSCE	First	100888448	2
114	Vageesh G N	Artificial intelligence and machine learning	BMSCE	Second		GN Vagous
115	Vamshi N	Medical electronics	BMSCE	Third		Ni
116	Vasudeva BR	ELECTRONICS AND COMMUNICATION	BMSCE	First	100772328	
117	Vidya H R	Medical Electronics	BMSCE	Second		Viduate
118	Vidya H R	Medical Electronics	BMSCE	Second	NA	
119	Vijayakumar Kadappa	MCA	BMSCE	Faculty		
120	Vijayalakshmi	Electronics and communication	BMSCE	Faculty		

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	26 May 2025 Time: 10:00 AM IST Department of Medical Electronics BMSCE									
S No	Name	Department	Organization / Institution	Year	IEEE Membership	Signature				
121	Vikas B G	Mechanical Engineering	BMSCE	PhD Research Scholar		inluff				
122	Vishal KL	Medical electronic	BMSCE	Third	NA	-1210				
123	Vivekah M	Medical Electronics	BMSCE	Third	NA	(VE Vinelel				
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