Dr.Mahalingam College of Engineering and Technology, Pollachi-642003

Office of Dean Research and Innovation
Report
"Art of Publishing Journal Papers– Knowledge Sharing Sessions"
Date: 08.05.2023

About the Session

The Office of Research and Innovation organized a Knowledge Sharing Session for the benefit of the faculty members of MCET. The session details are given below for your kind reference.

S.No	Name of the Resource Person	Topic	Date &Time	Venue	No of Participants
1	Dr. S. Ramakrishnan, Dean R&I	Arts of Publishing Journal Paper	29.04.2023 & 9.30am to 11.30 am	EEE Seminar Hall	89

Dr. P. Govindasamy Principal delivered Inaugural address and expressed his gratitude to Dr. Ramakrishnan, Dean R&I, for taking the initiative to improve research in MCET. He shared his own experience while doing Ph. D. He requested the faculty members to utilize the session to its fullest potential and publish at least one research article per faculty.

Dr. Ramakrishnan, Dean R&I welcomed the participants to the session. He specially mentioned and thanked Management, Secretary and Principal for their constant support in organizing the session. He also wishes everyone to utilize this session to its fullest potential and publish at least one research article per faculty.

Topics Covered:
Publication:
What is Paper Publication?

- Craft/Art/Learned skill
- Papers as patterns
- Learn the Pattern
- Stay and stray of the Pattern

Research & Publication

• Identify a problem
• Find out what others have done
• Develop a solution
• Show your solution:
  ➤ Works
  ➤ Better
  ➤ Sound & complete

The review process:

- The reviewers check the following points:
- Is the subject matter appropriate for publication?
- Is the work scientifically and technically sound ?
- Is the work sufficiently unique ?
- Is the paper well written and organized ?
- Is the title appropriately choosen ?
- Is the abstract a good summary of the paper?
- Has adequate references for previous contributions in this area ?
- Are the Figures and Tables effective supplemental to the text ?
- Can the paper be understood by a wide scientific and technical audience ?
- Are the materials and results supporting the discussion and conclusions ?
- Do the authors explain and demonstrate satisfactorily?

Possible Outcomes of Peer Review

- Acceptance without revision (a rare event)
- Acceptance with minor revisions
  - ➢ **Revise** (major changes – usually with additional experiments required; Editor usually sends the revised manuscript back to one or more of original reviewers)
  - ➢ **Reject** (with encouragement to re-submit after extensive revisions and addition of new experimental data to address the flaws/issues in the original manuscript)
  - ➢ **Reject** (submit to another journal)

Revision Request

- Read the Reviewers comments carefully.
- The Reviewers and Editors spend a lot of time to make suggestions and improve the scientific quality of the paper.
- Revision is an opportunity to improve the scientific quality of the paper.
- If these issues are not addressed properly, the paper gets rejected.
- Bad presentation leads to misunderstanding of the statement made in the text.
- Use supporting information to include figures, tables, derivations, methods & techniques etc.

How to revise your paper

- Acknowledge the editor and set a revision deadline
- If you disagree, explain why to the editor.
- Clarify understanding if in doubt –'This is what I understand the comments to mean…'
- Consult with colleagues or co-authors and tend to the points as requested.
- Meet the revision deadline
- Attach a covering letter which identifies, point by point, how revision requests have been met (or if not, why not)

If your paper is accepted the journal will expect you to check your proofs rapidly.

- ➢ Nominate another person if you are unavailable
- ➢ Give one copy of proofs to somebody else to read
- ➢ Reply to editor's queries

➢ Everybody has been rejected at least once

If your paper is rejected, most editors will give detailed comments about a rejected paper. Take a deep breath, and listen to what is being said by editor. Try to improve the paper, and re-submit elsewhere. Do your homework and target your paper as closely as possible and keep trying.

Reasons for rejection

- Faulty methodology
- Not enough contribution to field
- Subject of little novel interest and not generally applicable
- Inadequate reference
- Poor quality supporting figures
- Outside the scope of journal
- Authors didn't follow manuscript instruction
- Poor writing style and use of English
- Title not representative of study
- Poorly written discussion

Clear writing

- Keep it simple: use short, familiar words
- Avoid jargon and acronyms
- Be specific
- Be concrete, not abstract
- Say what you mean and mean what you say

General Structure of a Manuscript

- Title
- Abstract
- Keywords
- Main text
  ➢ Introduction
  ➢ Methods
  ➢ Results
  ➢ Discussions
- Conclusion
- Acknowledgement
- References
- Supporting Materials

Components of a Paper

- Title – informative, concise, attractive.
- Abstract – accurate, clear, brief, no comparisons.
- Keywords – label of the manuscript.
- Introduction – define briefly the problem.
- Methods – detailed information, organized.
- Results
  ➢ Tables of experimental results;

- ➢ Graphs for comparing experimental data/other data.
- ➢ Illustrations should not duplicate information
- Discussion – corresponding to the results, compare published results and yours results.
- Conclusions – simple, scientific results, uses, future directions
- References – main publications, check correspondence.

Types of Journals

1. Traditional Journals – Users/Libraries pay for access
2. Open Access Journals – Author pays, free download
3. Hybrid Journals – Most articles are traditional, some are open access (author preference)

Types of misconduct

Conflict of Interest

- A financial or other relationship with the publication at odds with the unbiased presentation of data or analysis.

Author involvement/contributions

- Include any and all who have made a substantial intellectual contribution to the work
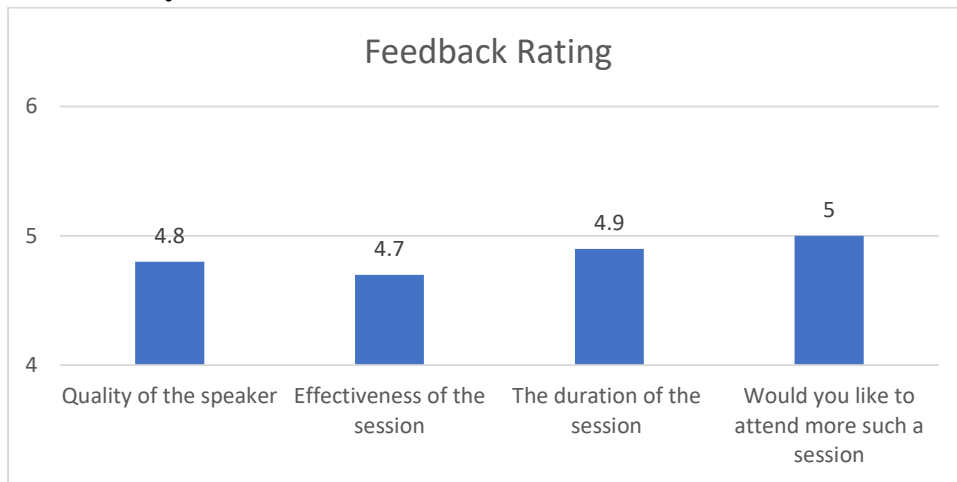
- Do not include minor contributors

Plagiarism

- Avoid plagiarism

  - ➢ Cite and separate any verbatim copied material – but how much?

  - ➢ Paraphrase other's text properly and include citation

  - ➢ Credit any ideas from other sources

Feedback and Assessment

Feedback was collected from all participants and they shared positive views about the session. In order to improve their research expertise, the participants requested the following topics

- Maintaining the author rating in research gate
- Publication terminologies
- Guiding for PhD
- Importance of impact factor, h index etc,
- More hands on sessions in the domain of image processing
- Machine learning implementation for real world applications
- Deep learning & Data science, writing proposals
- IoT related topics Emerging technologies in IT field
- Tools usage for identifying problem
- Multi objective optimization Techniques
- Federated Learning
- Patent drafting, Patent publications and grant procedures

Feedback Analysis:

Feedback Rating

	Quality of the speaker	Effectiveness of the session	The duration of the session	Would you like to attend more such a session
Rating	4.8	4.7	4.9	5

Participants Score

Score Distribution

Score range	[3, 4]	(4, 5]	(5, 6]	(6, 7]	(7, 8]	(8, 9]	(9, 10]
Count	7	15	15	19	15	6	3
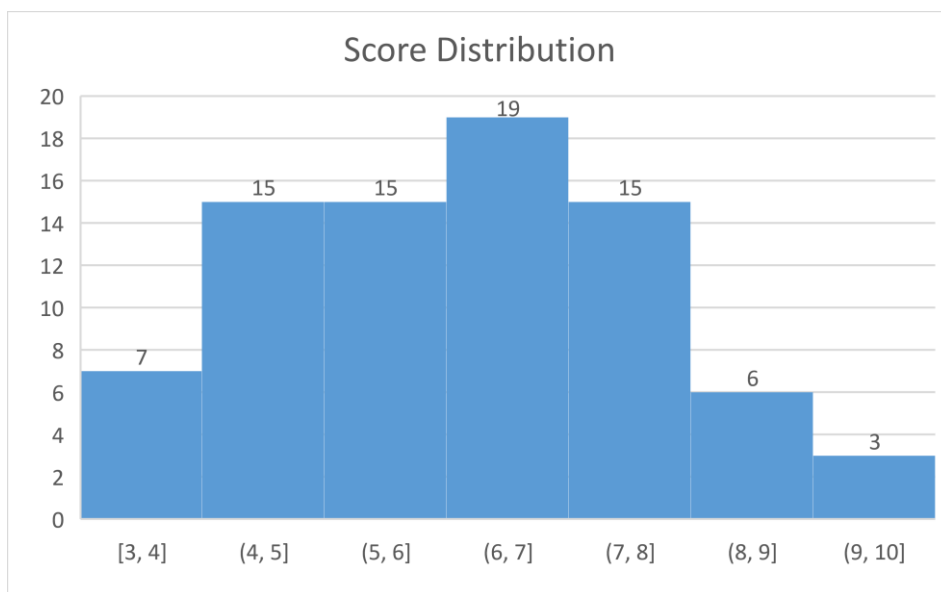
Based on the topic discussed multiple choice questions assessment was given to participants to assess the effectiveness of the session.

The following MCQs have given to the participants:

1. Why do we publish research papers?
   A. **To share research findings and discoveries √**
   B. To get funding
   C. To get a job
   D. To get promoted

2. What is the most probable outcome of the peer review of the submission?
   A. Minor revision
   B. Accept without revision
   C. **Major revision √**
   D. Reject

3. All the research papers recommended for the revision will get accepted.
   A. True   B. **False √**

4. Most probable reason for rejection of the research article.

A. Faulty methods

B. Poor writing √

C. Inadequate references

D. Out of the scope of the journal

5. What is the correct order of writing research article?

   1. Title

   2. Abstract

   3. Introduction

   4. Methods

   5. Results

   6. Discussion

   A. 1,2,3,4,5,6

   B. 1,2,3,6,5,4

   C. 1,4,5,3,6,2 √

   D. 2,4,6,1,3,5

6. Which of the following components of research articles should not be used for Indexing and Searching?

   A. Title

   B. Abstract

   C. Keyword

   D. Introduction √

7. Abstract of the research article cannot

   A. be written within 300-200 words

   B. have references √

   C. be used for indexing and searching

   D. be state the research problem being identified.

8. In conclusion of the research article, the author can

   A. Repeat the abstract

   B. Summarize the paper

   C. Indicate the use, extension and limitation of the research √

   D. Make judgement about the impact

9. The Main reason for including references in the research article is

   A. Citing comparisons/alternatives to your work √

   B. self-citations and excessive citations

   C. Both A & B are correct

   D. Neither A nor B are correct

10. ---------is the system used to assess the quality of a manuscript before it is published.

   A. Peer review √

   B. Scoping reviews

   C. Systematic literature reviews

   D. Annotated bibliographies

Interaction:

When examining plagiarism, should references be removed?

No need to remove references but Cite and separate any verbatim copied material.

How can I identify the right Journal?

Dean R&I explain how to search the right journal and send link to identify the right journal.

How do we compare performance of Meta heuristic algorithms? If we modify the result manually, how will they identify?

You have to maintain common experimental setup. Also for some extent you use interpolation.

Outcomes

❖ As outcomes of the session, participants are able to understand how to write a Research Paper, the review process, general structure of manuscript, components of paper and Publication Process.

Dean R&I   Principal

-Sd-

Secretary

Dr. Mahalingam College of Engineering and Technology, Pollachi - 642003

Office of Dean Research & Innovation

Knowledge Sharing Session - Faculty Attendance

Venue: Electrical Seminar Hall   **Time: 9:30 am – 11:30 am**   **Date: 29.04.2023**

S.No.	Name of the Faculty Members with Designation	Department	Signature
1.	K. ANANTHI	AI&DS	
2.	D.C. KIRUTHIKKA	AI&DS	
3.	S. NANDHINI , AP	AI&DS	
4.	S. ESTHER NOWROJI	AI ADS	
5.	B. MAHESWARI , AP	S&H-maths	B. mahn
6.	Ms. N. CHITHRA , AP/chem	S&H	
7.	Ms. R. NISHANTHI, AP/maths	S&H	R.
8.	K. Kalaisew. AP(ss)/maths.	S&H	K.kaliscl
9.	R. GANESH AP/MCS	MCS	
10.	D. Janani AP(SS)	IT	D.
11.	Sudhishna KS AP/IT	IT	
12.	G. Saranya AP	IT	G. Sy
13.	M. Bhagavathi Priya AP/	CSE (AI+ML)	
14.	M. KAVITHA	CSE (AIML)	
15.	D. Gowri	CSE (CYS)	
16.	J. Rini Angeline Vimshia	CSE (CYS)	J. Rj
17.	S. YAMUNADEVI	CSE (AIML)	
18.	R. BHUVANESWARI/AP/Eng	S&H(Eng)	RK
19.	R. SHERINE JENNY /AP(S)/ECE	ECE	R. Sherine Jey
20.	S. SUTHAVIJI , AP	CIVIL	29/4/23

No.	Name	Designation	Signature
21.	M. ARUN	AP/Mech	b. Arun 29/4/2023
22.	M. SUDHARSANAN	AP/CIVIL	M. Sud 29/4/23
23.	S. Naveen kumar	AP/mech	SN 29/4/23
24.	T. Flowtham	AP/EIE	T. Gowtham 29/4/23
25.	C. Jeevananthom	AP/IT	C. 29/4/23
26.	K. Renuka Devi	AP/IT	K. R
27.	S. Senthil Prabhu	AP/CSE	S. 29/4
28.	V. Karpagam	AP(SS)/EIE	
29.	S. Dineshkumar	AP/CE	29/4/23
30.	M. ARUN	AP/AIDS	M.
31.	K. Maniraj.	AP/MECH	
32.	G. karthikeyan	AP/EIE	G.
33.	T. KANAGASABAPATHY	AP/CSE	T. K. 29/4/23
34.	S. Syed Masoodhu	AP/civil	
35.	V. Eswaramurthy	AP/CSE	V. Eswa
36.	S. SARAVANAN	AP/ECE	29/4
37.	M. Vignesh	AP/ECE	M.
38.	M. SIVAKUMAR	AP/IT	
39.	K. kanagasabapathi	AP/IT	
40.	P. MANOJ KUMAR	AP/IT	
41.	C. DEVIPRIYA	AP/CSE	
42.	B. SUBANYA	AP/CSE	
43.	N. SUMATHI	AP(SS)CSE	Sumathi.
44.	R. RATHICA	AP/CSE(CYS)	
45.	C. JAYASHREE	AP(SS)/CSE	Jaya

No.	Name	Designation	Signature
46.	M. Padmanaban	AP/Mech	
47.	R. Vidhya (S&H/English)	AP/Eng	
48.	N. Nithiyameenatchi	AP/ECE	
49.	Ms. K. C. RajaRajeshwari	AP/ECE	
50.	T. Sumathi	AP/IT	
51.	K. Saranya	AP/IT	K.
52.	M. Nithyakumar	AP/ECE	
53.	Muthubharathi. R	AP(SS)/ECE	
54.	S. Krishnakumar	AP(SS)/Civil	
55.	T. Sathesh Kumar	AP/EEE	
56.	GURUNATHAN. V	AP/ECE	29/4/2023
57.	K R GOKUL ANAND	AP/ECE	29/4/23
58.	M. Ganeshan	AP/EEE	
59.	P. S. Sathish Kumar	AP/CE	29/4
60.	A. Ravikandan	AP/Civil	29/4/23
61.	C. Radhakrishnan	AP(SS)	
62.	Mahalingam	AP/mech	
63.	M. GIRIDHARADHAYALAN	AP/MCS	
64.	N. Karthikeyan	AP(SS)/S&H	
65.	K. Prabu	AP/Mech	
66.	X. Vijayaickannan	AP(SS)/Mech	
67.	SREEJITH. S. NAIR	AP(SS)/Mech	Sreejith
68.	M. Karthik	AP/mech	
69.	J. NAGARAJAN	AP/EEE	
70.	K. C. THEEPIKA	AP/MCA	Deepika.K.C 29/4/2023

No.	Name	Designation	Signature
71.	Mc. V. SATHYA	AP/MCA	Sathya
72.	Ms. R. GEETHA RAJAKUMARI	AP/AI&DS	Geetha
73.	Ms. N. Punitha	AP/S&H	
74.	Ms. D. Nivetha	AP/S&H	
75.	K. Durga Lakshmi	AP(cs)/EEE	
76.	v. Shanmugaveni	AP/CSE(CYS)	
77.	V. Arunadevi	AP/ss (S&H)	
78.	Ms. P. Mythuradevi	AP/S&H	P. Mythu.
79.	Ms. S. Soundariya	AP(ss)/IT	S.
80.	P. Selvanayaki	AP/IT	
81.	S. Deepa	AP/IT	
82.	P. RAJESWARI.	AP/IT	Raj.P.
83.	N. Praveen sundra kumar	AP/IT	
84.	Nandhini T	AP/EEE	Nandhi.T
85.	G. Deepa	AP/CSE	
86.	G. Gayathri	AP/CSE	G.
87.	P. Vanjipriya	AP/ECE	P.
88.	C. Gohila	AP/ECE	C.
89.	R. Elakkiya	AP/ECE	
90.			
91.			
92.			
93.			
94.			
95.			

S.No	Name of the Faculty	Name of the Department	Total Score

Dr.Mahalingam College of Engineering and Technology, Pollachi-3

Office of Dean Research and Innovation

Art of Publishing Journal Papers– Knowledge Sharing Sessions"-Score

Resource Person: Dr. S. Ramakrishnan, Dean R&I		Date: 29.04.2023	
S.No	Name of the Faculty	Name of the Department	Total Score
1	Rajarajeshwari KC	ECE	10
2	C.Jayashree	CSE	10
3	Muthubharathi R	EEE	10
4	R Sherine Jenny	ECE	9
5	Sudharsanan M	CIVIL	9
6	S.Soundariya	IT	9
7	Janani D	IT	9
8	Praveen Sundra Kumar N	IT	9
9	Kanagasabapathi K	IT	9
10	M. Vignesh	ECE	8
11	N.Karthikeyan	S&H - Physics	8
12	K R Gokul Anand	ECE	8
13	K.C.Theepika	MCA	8
14	Gurunathan V	ECE	8
15	Ms.V.Sathya	MCA	8
16	K Durgalakshmi	EEE	8
17	Syed Masoodhu	CIVIL	8
18	Ms.S.Nandhini	AIDS	8
19	T.Sumathi	Information Technology	8
20	N.Nithiyameenatchi	ECE	8
21	Padmanaban M	MECH	8
22	K.Renuka Devi	IT	8
23	Manikandan A	Civil Engineering	8
24	P.S.Sathish Kumar	Civil Engineering	8
25	Gokila C	ECE	7
26	Naveen kumar S	MECH	7
27	Elakkiya R	ECE	7
28	K.Saranya	IT	7
29	Nishanthi .R	S&H	7
30	S. Krishnakumar	CIVIL	7
31	Suthaviji S	CIVIL	7
32	Ganeshan Mahalingam	EEE	7
33	G.Deepa	CSE	7
34	Saravanan S	ECE	7
35	S. Dineshkumar	CIVIL	7
36	Kanagasabapathy. T	CSE	7

37	Karpagam V	EIE	7
38	Devipriya C	CSE	7
39	Mythuradevi.P	S&H- Mathematics	7
40	Kiruthikka DC	AIDS	7
41	R.Geetha Rajakumari	AIDS	7
42	Rajeswari P	IT	7
43	Prabu K	MECH	7
44	M.Giridharadhayalan	Mechatronics	6
45	Nithyakumar.M	ECE	6
46	Arun M	MECH	6
47	Gayathri G	CSE	6
48	Maheswari.B	S&H	6
49	Jeevanantham C	IT	6
50	M.Bhagavathi Priya	CSE(AI&ML)	6
51	Mahalingam P P	MECH	6
52	Suganya B	CSE	6
53	K. Vijayakkannan	MECH	6
54	Sreejith S Nair	MECH	6
55	Nivetha D	S&H	6
56	P.Selvanayaki	IT	6
57	Radhakrishnan	Mechatronics	6
58	S Deepa	IT	6
59	Maniraj	MECH	5
60	j. nagarajan	EEE	5
61	S.Esther Nowroji	AI&DS	5
62	V Eswaramurthy	CSE	5
63	Karthik M	MECH	5
64	R.GANESH	Mechatronics	5
65	Rathika R	CSE (Cyber Security)	5
66	K.Kalaiselvi	S&H	5
67	N. Sumathi	CSE	5
68	T.Sathesh Kumar	EEE	5
69	Manojkumar. D	IT	5
70	P.Vanjipriya	ECE	5
71	Sudhishna K S	IT	5
72	R. Bhuvaneswari	S&H (English)	5
73	Arun M	AIDS	5
74	Chithra.N	S&H	4
75	Gowtham T	EIE	4
76	G.Karthikeyan	EIE	4
77	Saranya G	IT	4
78	Vidhya.R	S&H	4

| 79 | M.Sivakumar | IT | 4 |
| 80 | Shanmugaveni V | CSE (Cyber security) | 3 |