A
Presentation
on

Methodology of writing a review paper

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First two stages of research

1. **Defining a research problem**
2. **Literature review**
    1. Methods as given in literature
        - Targeted search
            - Names and dates of databases searched
        - Search strategy
            - Keywords and phrases used
    2. Practical situation
    3. Organizing the **available** literature
        - Alphabetical
        - Year wise
        - Common in approach

Techniques for identifying the relevant papers

- Graphical Abstract
- Abstract
- Conclusions

Technical aspects about style/formatting

- Fonts
- Spacing
- Figures
- Tables
- References

Tables

Composition of PCM		Fatty Acids		Fatty Acid esters		
		Melting point in ^{0}C	Latent Heat J/g	Melting point in ^{0}C	Latent Heat J/g	Esterification Alcohol
50% Palmitic Acid(PA)+45.5% Stearic Acid (SA) +4.5%Others	[8]	54-57	180	24.3-27.6	180	Methyl CH_3OH
27.5%PA+65%SA+7.5%Others	[8]	51-56	180	26-29.4	187	Methyl CH_3OH
50%PA+45.5%SA+4.5%Others	[8]	54-57	180	21-24.4	152	Propyl
27.5%PA+65%SA+7.5%Others	[8]	51-56	180	23.5-26.1	158	C_3H_7OH
50%PA+45.5%SA+4.5% Others	[8]	54-57	180	17.2-21.1	143	Butyl
27.5%PA+65%SA +7.5%Others	[8]	51-56	180	20.8-23.7	143	C_4H_9OH
Lauric acid	[10]	42-44	178	38.5	207.9	Myristil
Myristic acid	[10]	58	187	41.6	210.43	$C_{14}H_{29}OH$
Palmitic acid	[11]	64	185	48.03	213.85	Myristil
Stearic acid	[11]	69	202.5	49.58	221.8	$C_{14}H_{29}OH$
Myristic acid	[11]	58	187	31.96	154.3	Glycerol $C_3H_5(OH)_3$
Capric acid	[13]	30.1	153	29.38	186.36	Cetyl
Lauric acid	[13]	42-44	178	38.24	195.53	$C_{16}H_{33}OH$
Myristic acid	[13]	58	187	49.44	225.23	
Palmitic acid	[13]	64	185	51.21	217.44	
Lauric acid	[14]	42-44	178	42.21	201.03	Stearyl
Myristic acid	[14]	58	187	48.86	203.53	$C_{18}H_{37}OH$

References

Numbering system

References:

1. R. Parameshwaran, S. Kalaiselvamb, S. Harikrishnanb, A. Elayaperumal. Sustainable thermal energy storage technologies for buildings: A review. Renewable and Sustainable Energy Reviews 16 (2012) 2394– 2433
2. Belen Zalba Jose Ma Marin, Luisa F. Cabeza, Harald Mehling. Review on thermal energy storage with phase change: materials, heat transfer analysis and applications. Applied Thermal Engineering 23 (2003) 251–283

References in main text

The recent scenario of global energy consumption indicates that about 27% of total global energy is consumed by buildings [1].

Alphabetical

References:

- A. Felix Regin S.C. Solanki, J.S. Saini. Heat transfer characteristics of thermal energy storage system using PCM capsules: A review. Renewable and Sustainable Energy Reviews 12 (2008) 2438–2458
- Belen Zalba Jose Ma Marin, Luisa F. Cabeza, Harald Mehling. Review on thermal energy storage with phase change: materials, heat transfer analysis and applications. Applied Thermal Engineering 23 (2003) 251–283

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The optimized values of these parameters ensure maximum energy savings (A. Felix Regin, Solanki and Saini 2008).

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Choosing a Journal

- Scope of Journal
- Impact Factor

Choosing the reviewers

- From reference list
- Renowned name in the field apart from reference list

Possible reasons of rejection

- Plagiarism
- English
  - Using the software for improving the language
    - Grammar
    - Style
- Not citing the latest references
- Content is not up to the mark

Perseverance is the key

- Rejection
- Reject with possible resubmission
- Minor correction
- Acceptance

THANK YOU