

**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

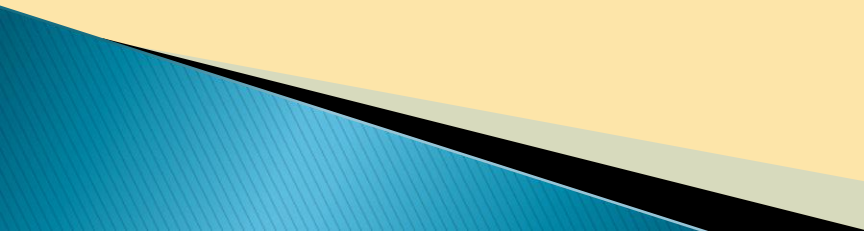
- Targeted search
 - Names and dates of databases searched
- Search strategy
 - Keywords and phrases used

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		Esterification Alcohol
		Melting point in °C	Latent Heat J/g	Melting point in °C	Latent Heat J/g	
50% Palmitic Acid(PA)+45.5% Stearic Acid (SA) +4.5%Others	[8]	54-57	180	24.3-27.6	180	Methyl CH ₃ OH
27.5%PA+65%SA+7.5%Others	[8]	51-56	180	26-29.4	187	Methyl CH ₃ OH CH ₃ OH
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 ₃ H ₇ OH
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 ₄ H ₉ OH
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 ₃ H 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

References in main text

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

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