Literature Review (Search Strategy and Writing Review)

Ph.D. Course Work (Physical Education)
C.S.J.M. University, Kanpur

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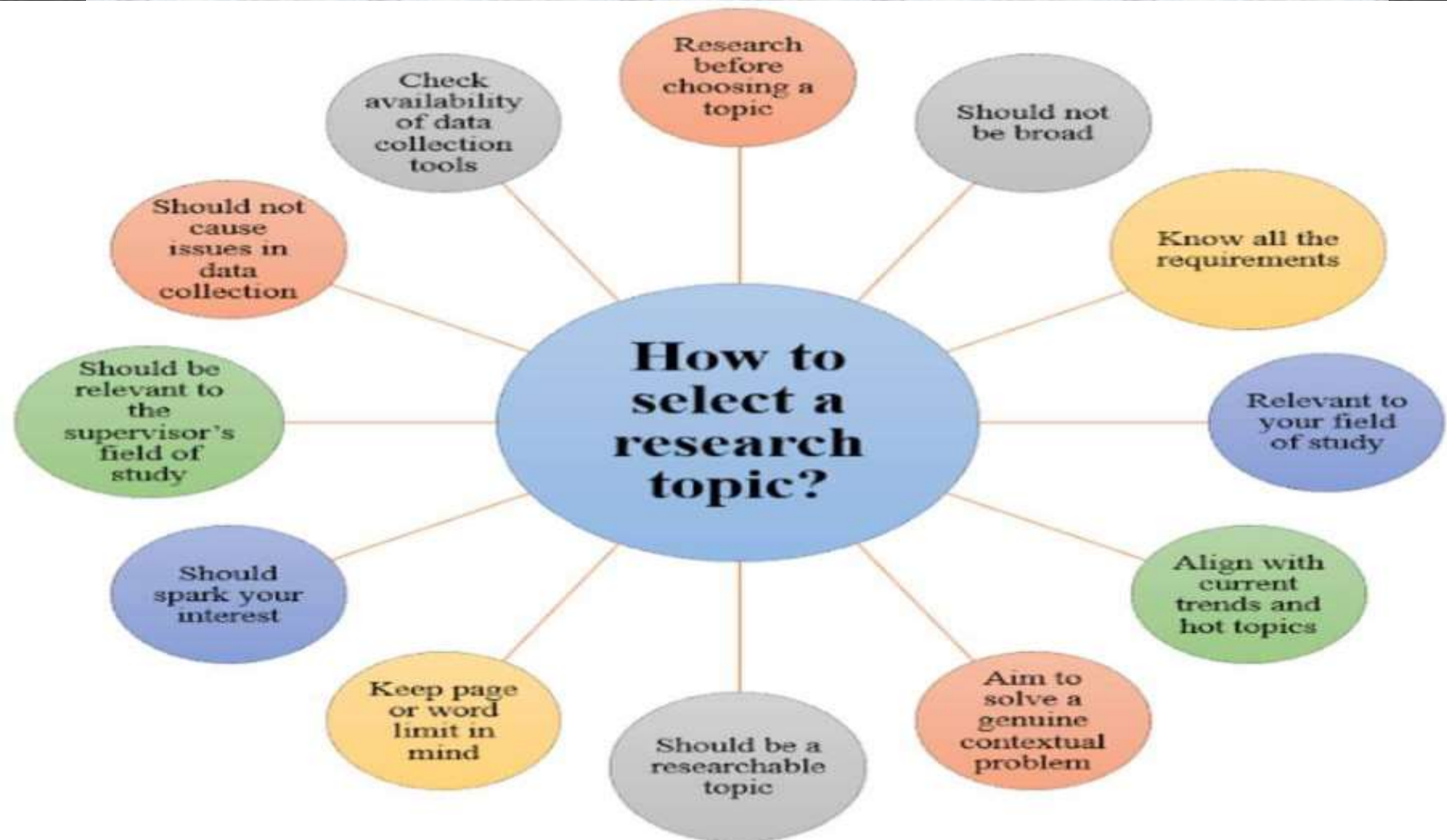Associate Professor
D.A.V. Training College, Kanpur

- RECOGNIZE AND DEFINE A PROBLEM

- KEY WORDS

- WHAT IF I AM STARTING FROM ZERO?

2. SELECTING A TOPIC

2.1   HOW TO SELECT A RESEARCH TOPIC

2.2	DEVELOP CONCEPTUAL FRAMEWORK

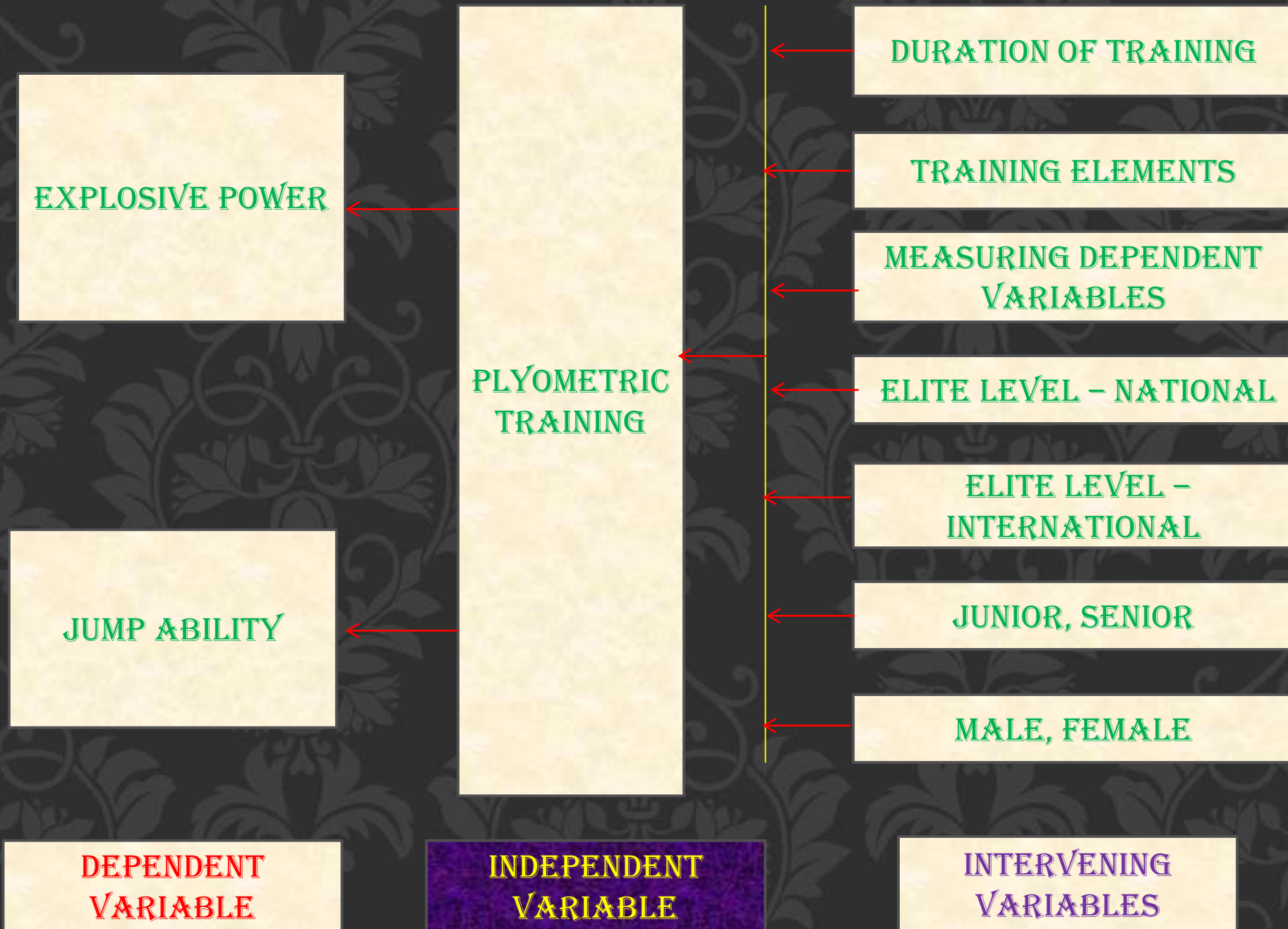| 01	PICK YOUR TOPIC
02	MAKE YOUR RESEARCH QUESTION
03	LEAD A REVIEW OF LITERATURE
04	PICK YOUR VARIABLE
05	PICK YOUR RELATIONSHIP
06	MAKE A CONCEPTUAL FRAMEWORK

2.3.TYPES OF VARIABLES IN RESEARCH AND THEIR RELATIONSHIP

EXPLOSIVE POWER

JUMP ABILITY

PLYOMETRIC TRAINING

DURATION OF TRAINING

TRAINING ELEMENTS

MEASURING DEPENDENT VARIABLES

ELITE LEVEL – NATIONAL

ELITE LEVEL – INTERNATIONAL

JUNIOR, SENIOR

MALE, FEMALE

DEPENDENT VARIABLE

INDEPENDENT VARIABLE

INTERVENING VARIABLES

3. LITERETURE SEARCH

3.1. SEARCH STRATEGY – PROPERLY DEFINE KEYWORDS

EFFECT OF PLYOMETRIC AND WEIGHT TRAINING ON POWER AND JUMP ABILITY OF ELITE VOLLEYBALL PLAYERS

➤ KEYWORDS: PLYOMETRIC, WEIGHT TRAINING, POWER, JUMP ABILITY, ELITE, VOLLEYBALL PLAYERS
➤ 5 TO 6 KEYWORDS AND THEIR SYNONYMS
➤ PLYOMETRICS = JUMP TRAINING; WEIGHT TRAINING = WORKING OUT, POWER LIFTING; JUMP = HOP, LEAP; ELITE = TOP LEVEL PLAYERS;

3.2. Identify particular or related database

- ✓ Navigating databases, to help specify your search results

- ✓ Booleans (and, or, not)

- ✓ Punctuations

- ✓ Brackets

Literature Types

Primary Sources

Publications that present original research in its original form (has not been interpreted or condensed or otherwise "repackaged" by other writers), are considered **primary sources**.

They <u>present new thinking/discoveries/results</u> and unite them with the existing knowledge base.

Are often peer-reviewed.

- Conference Papers
- Monographic Series
- Technical reports
- Thesis
- Dissertations
- Journal Articles
- Patents

Secondary Sources

Publications <u>ABOUT</u> primary literature are considered secondary sources. They generalize, analyze, interpret, evaluate, or otherwise "add value" to the original information, or which simplify the process of finding and evaluating the primary literature.

Can be printed in peer-reviewed publications.

- Review articles
- Indexes
- Bibliographies

Tertiary Sources

Tertiary sources compile or digest information from primary or secondary sources that become widely accepted.

They provide a broad overview of a topic, or data, already proven facts, and definitions, often presented in a convenient form.

They provide no new information

- Textbooks
- Encyclopedias
- Fact books
- Guides
- Handbooks

3.4. SEARCH ENGINES AND TOOLS FOR SEARCHING RELEVANT LITERATURE

JSTOR	Google scholar
EBSCO	Web of science
Project Muse (humanities and social sciences)	Microsoft academic
Medline (life sciences and biomedicine)	Scopus
EconLit (economics)	Pubmed, NCBI
Inspec (physics, engineering and computer science)	Others……

- GOOGLE BOOKS
- WORLDWIDE SCIENCE
- SCIENCE.GOV
- EDUCATIONAL RESOURCES INFORMATION CENTER
- RESEARCH GATE
- PUBMED CENTRAL
- INFO TOPIA
- BASE -BIELEFELD ACADEMIC SEARCH ENGINE
- SEMANTIC SCHOLAR

4.   PRESENTING

4.1 WRITE THE REVIEW

LITERATURE REVIEW MATRIX

AUTHOR / DATE	THEORETICAL / CONCEPTUAL FRAMEWORK	RESEARCH QUESTION(S) / HYPOTHESES	METHODOLOGY	ANALYSIS AND RESULTS	CONCLUSIONS	IMPLICATIONS FOR FUTURE RESEARCH	IMPLICATIONS FOR PRACTICE

4.2 Grammar, Paragraphing Rules, Optimization, Choice of Words, Plagiarism, e.t.c.

- ✓ Write in well-structured paragraphs:

- ✓ Use transition words and topic sentences to draw connections,

- ✓ Comparisons and contrasts

4.3 AVOID PLAGIARISM

- ✓ SUMMARIZE AND SYNTHESIZE

- ✓ ANALYZE THE INFORMATION, EVALUATE AND INTERPRET

- ✓ PARAPHRAZE

- ✓ USING SIMILARITY CHECK PLATFORMS

- ✓ PLAGIARISM CHECKER E.G TURNITIN, DUPLICHECKER, PLAGIARISM DETECTOR

4.4 WRITE THE REVIEW

- ✓ START WITH A PRELIMINARY DRAFT
- ✓ REVISION DRAFT
- ✓ THE FINAL DRAFT

Popular Citation Styles
And Who Uses Them!

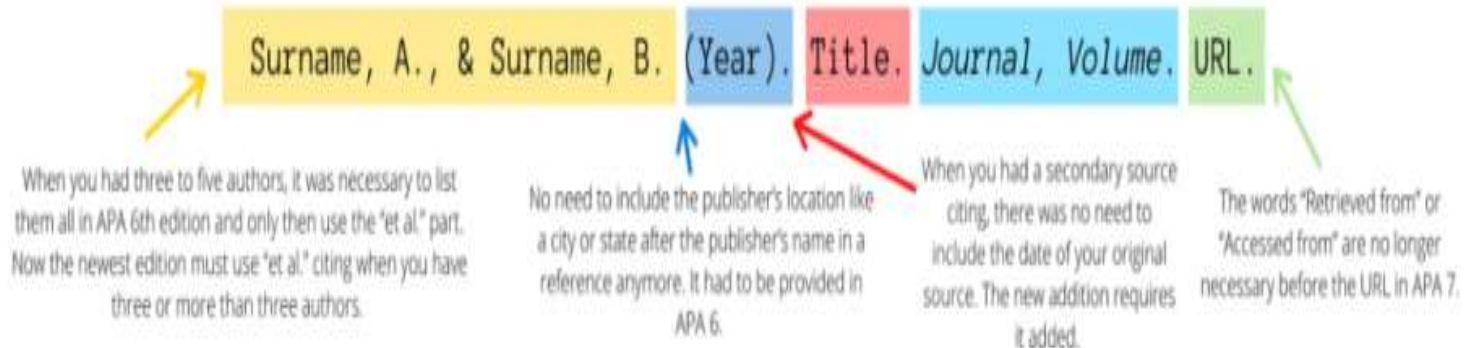|	Style	Fields
	MLA	English Literature Foreign Language Communications Religious Studies
	APA	Psychology Education Business/Economics Nursing Linguistic Studies
	Chicago	History Art History Fine Arts Anthropology Philosophy
	IEEE	Engineering Computer Science Information Science
	CSE	Biology Physics Chemistry Geology

Always check with your instructor about what style to use!

APA 7th Citation Format

Surname, A., & Surname, B. (Year). Title. *Journal, Volume*. URL.

When you had three to five authors, it was necessary to list them all in APA 6th edition and only then use the "et al." part. Now the newest edition must use "et al." citing when you have three or more than three authors.

No need to include the publisher's location like a city or state after the publisher's name in a reference anymore. It had to be provided in APA 6.

When you had a secondary source citing, there was no need to include the date of your original source. The new addition requires it added.

The words "Retrieved from" or "Accessed from" are no longer necessary before the URL in APA 7.

Example in Bibliography:

Soranzo, A., & Grassi, M. (2014). Psychoacoustics: a comprehensive MATLAB toolbox for auditory testing. *Frontiers In Psychology, 5*. https://doi.org/10.3389/fpsyg.2014.00712

REFERENCES

❑ Cronin, Patricia & Ryan, Frances & Coughlan, Michael. (2008). Undertaking a literature review: A step-by-step approach. British journal of nursing (Mark Allen Publishing). 17. 38-43. 10.12968/bjon.2008.17.1.28059.

❑ https://usu.instructure.com/courses/605961/pages/types-of-citation-styles

❑ http://samples.jbpub.com/9781284115192/9781284133950_CH01_001_042.pdf

❑ https://guides.lib.uoguelph.ca/c.php?g=130964&p=5000948

❑ https://library.citadel.edu/c.php?g=620233&p=4319378

❑ https://edubirdie.com/citation/apa/

❑ https://pubrica.com/academy/research/why-is-it-important-to-do-a-literature-review-in-research/

❑ https://www.eduelibrary.com/2020/04/how-to-select-a-research-topic.html

❑ https://us.sagepub.com/sites/default/files/upmbinaries/28728_LitReview___hart_chapter_1.pdf

❑ Kabir, Syed Muhammad. (2016). BASIC GUIDELINES FOR RESEARCH: An Introductory Approach for All Disciplines.

❑ Kabir, Syed Muhammad. (2016). LITERATURE REVIEW.

❑ Ramdhani, Abdullah & Ramdhani, Muhammad & Amin, Abdusy. (2014). Writing a Literature Review Research Paper: A step-by-step approach. International Journal of Basic and Applied Science. 3. 47-56.

❑ Rowley, Jennifer & Slack, Frances. (2004). Conducting a literature review. Management Research News. 27. 10.1108/01409170410784185.