

Seminar Series for Postgraduate Students

Selection of Postgraduate Research Project

Wednesday, 11th November, 2020 at 11:00am (PST)



Vice Chancellor
Prof. Dr. Qamar-uz-Zaman
PMAS-Arid Agriculture
University, Rawalpindi



Keynote Speaker
Prof. Dr. Azra Khanum (T.I.)
Fellow, Pakistan Academy of
Sciences



Moderator
Rizwan Rafique
Ph.D Scholar
Horticulture, PMAS-AAUR



Organized By

Postgraduate Research Students
PMAS-Arid Agriculture University Rawalpindi

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Selection of Postgraduate Research Project

Views and Perspectives as PhD Scholar for Initiating Research Project

Rizwan Rafique

PhD Scholar

Email: rizwanrafiq155@gmail.com

Department of Horticulture,
PMAS Arid Agriculture University Rawalpindi

How to Begin...

Start planning research before the beginning of the course

Do not choose a topic for research project in hurry or take it an easy task!

Identify research gaps and problems to base a research

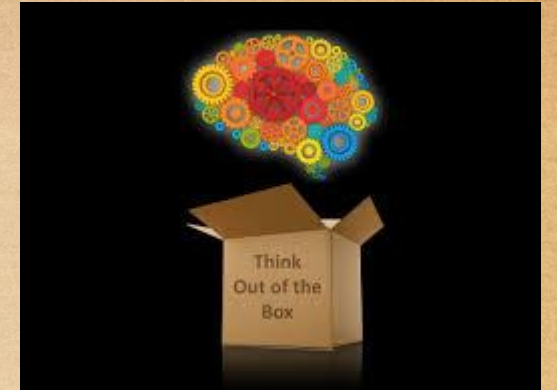
Planning a Research Project

Brainstorming

- When reading or studying a topic always have a pen in you hand and write down key points



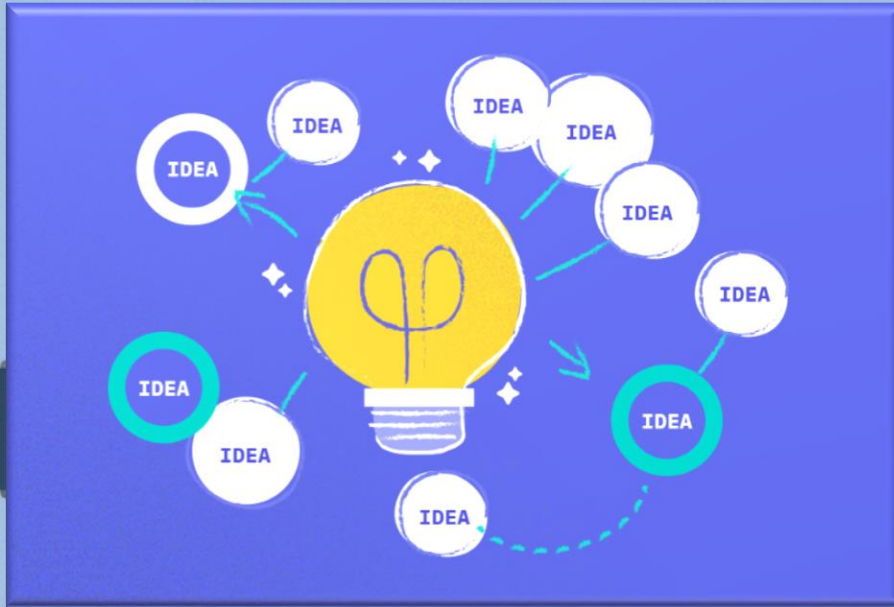
- Any idea can be magical key to solve a problem



Think out of Box

- Think out of box, it may give you some different ideas
- It gives a broad perspective to find new ways to tackle a problem

Research Ideas.....



Dispersed Ideas come to mind in the beginning



Need direction and focus



Selection of Research Project

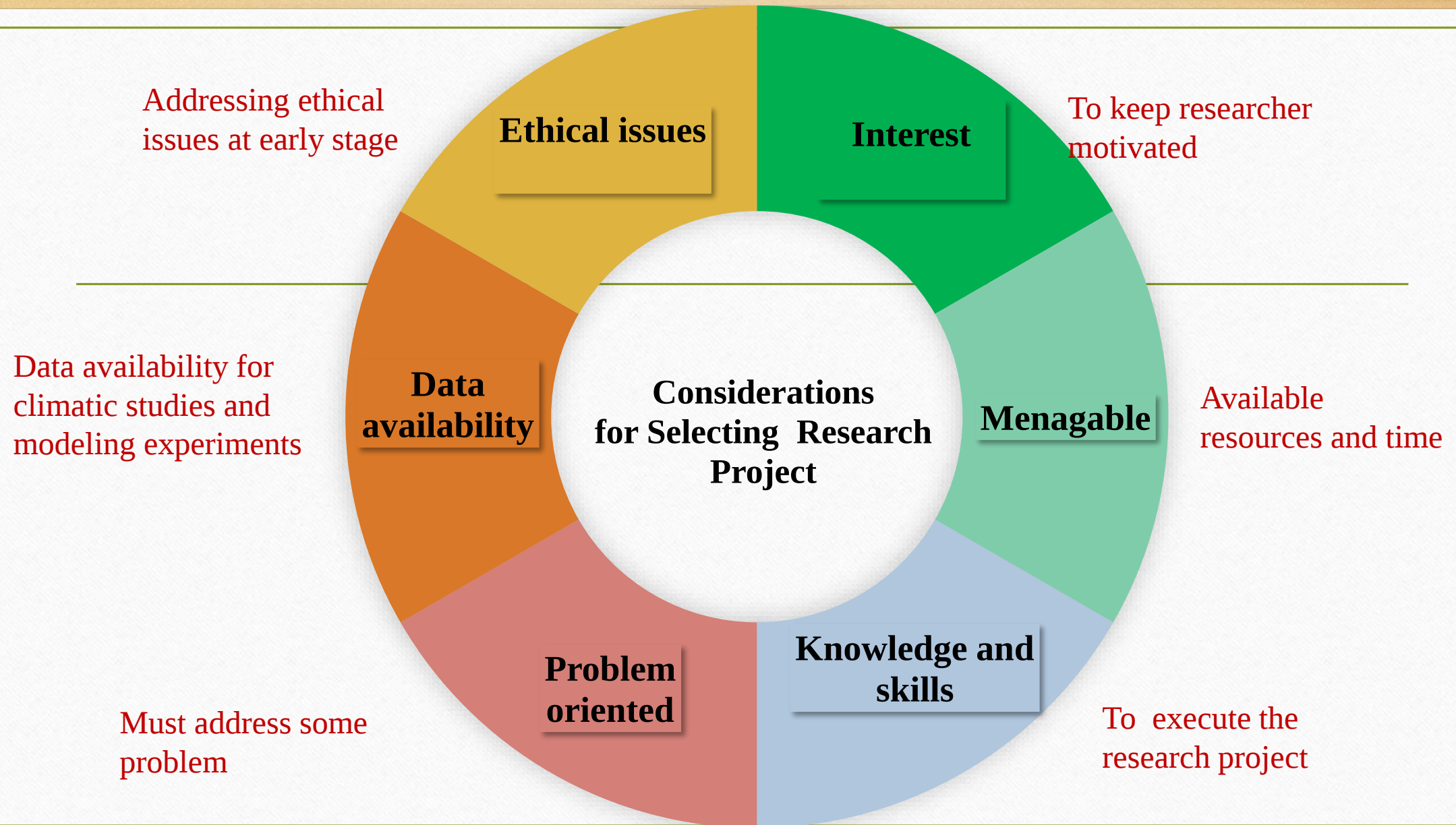
Research Process Flow Chart



CONSIDERATIONS FOR SELECTING RESEARCH PROJECT



- A good researcher goes through **self assessment** before finalizing his research topic
- It help to ensure that study remains **manageable** and keeps him **motivated throughout the study** period

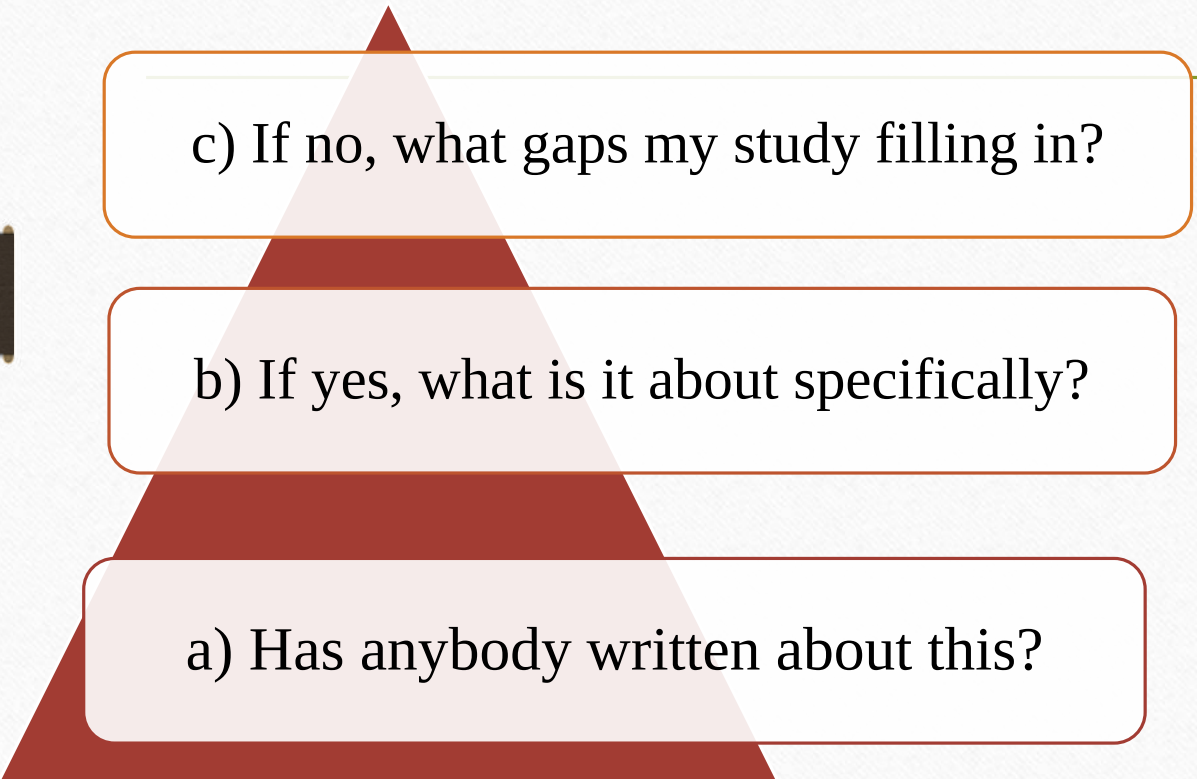


CHOOSING A RESEARCH TOPIC

how to approach your topic

Review related literature to help refine how you will approach the topic and finding a way to analyze it

Focus on Identifying Sources (literature) to Support Research



c) If no, what gaps my study filling in?

b) If yes, what is it about specifically?

a) Has anybody written about this?

Read more and more to remain updated about recent developments in subject

Choose good books, journal, research and review articles

Collect and arrange relevant review

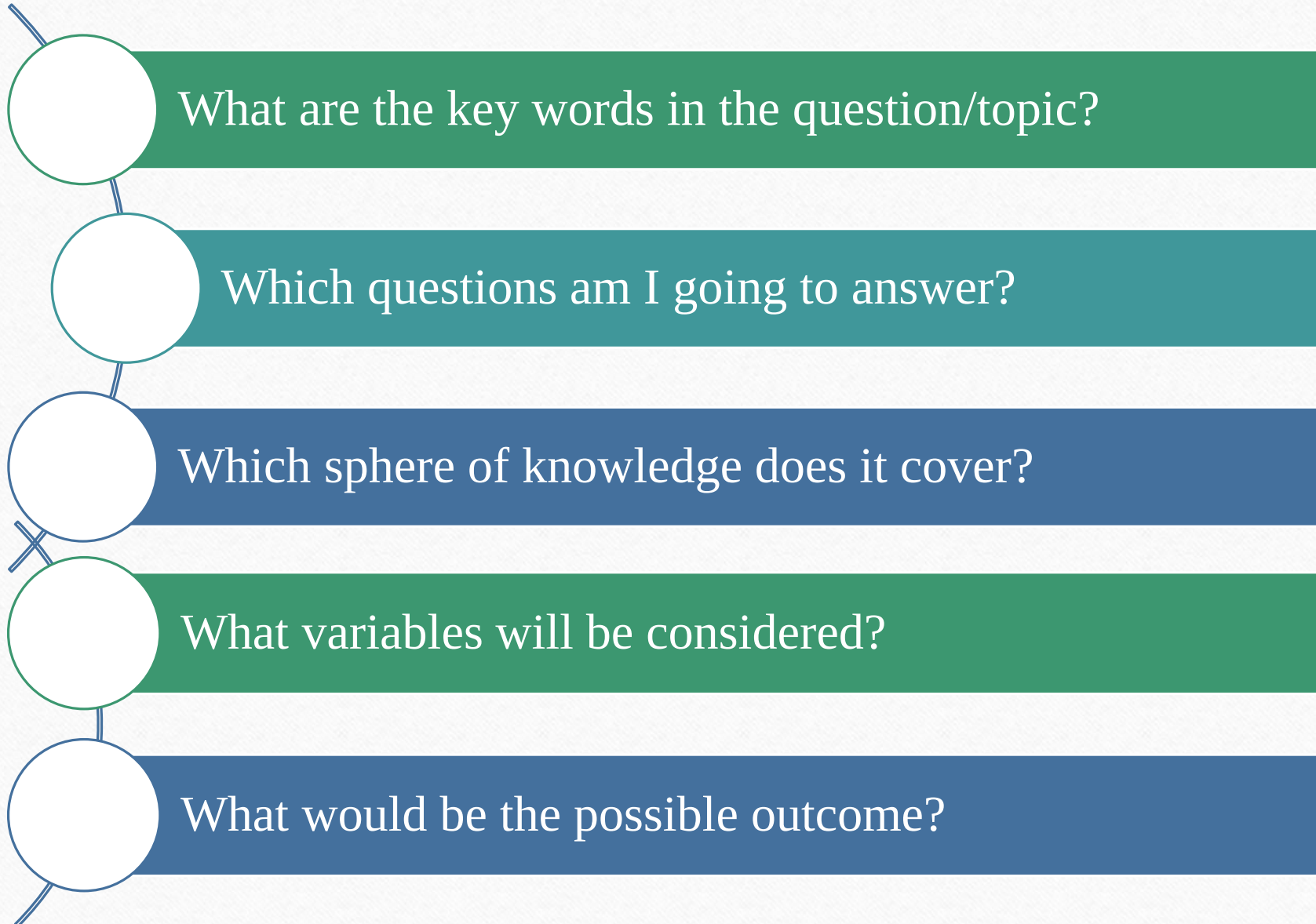
Draw review tables after critically reading whole research paper

Review economic value/ significance to economy; national and international scenarios

CHOOSING A RESEARCH TOPIC

how to approach your topic

Understand what the topic is about



CHOOSING A RESEARCH TOPIC

how to approach your topic

Finalization of research topic

Activities for Selecting Research Project

Browse through journals
thoroughly read available relevant literature and highlight



Coursework/seminars/ lectures/ programs attended; Select relevant courses



Consult your supervisor/members about the core journals within your subject discipline



Search libraries for good, recent introductory books and, if appropriate, more specialized works/ online data sets related to the discipline/area of your course

Resource Availability

Prepare list of instruments/ chemicals required and their availability



Develop protocols for research



Find collaborations (if needed) before deciding a research project



Evaluate available Lab/ Green House / field facilities to manage research project

CHOOSING A RESEARCH TOPIC

Caution Needed

Plan research project based on ground realities and proper knowledge of subject and be sure to consult with your supervisor first



Don't go for such a research project for which there are no available facilities to perform the experiments



Find collaborations (if needed) before deciding a research project



Avoid copy/paste and plagrims in scientific writings

Suggestions and Feedback

How to further improve this series of seminars for Postgraduate students?



What you expect in future ?



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- Network & IT Services
- Dr. Touqeer Ahmad, Supervisor

Thank you for Attention