

Title of your study

Names of Investigators (Full names)

Names of Guides

Department name

Contents

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Introduction

Search your research question in Google scholar, Pubmed, Researchgate

Collect at least 5-10 similar studies

Read the abstract and introduction part of those studies

Introduction should contain,

What is your research problem,

Burden of that problem in the world, India, Andhra Pradesh,

Introduction

Any previous studies conducted

Gap in the knowledge

Need for the study

Try to write introduction in 2 to 3 slides

Research Question

- Write your research question

Research question should be in question format only

Use the words like What, Where, Why, Who, When and How in the starting

For Example

How far adolescent girls aware about anaemia?

or

What are the social media effects on college going students health? Etc

Like this you have to convert your study title into a research question

Aim

- Aim is to find answer to research question
- For Example
- If the research question is “**What are the social media effects on college going students health?**”
- Aim should be **To assess the social media effects on college going students health**
- Write aim in only one sentence

Objectives

- Convert aim into 2 to 3 objectives
- Objectives should follow SMART Criteria
- Specific, Measurable, Attainable, Relevant and Timebound
- For Example
- To assess the usage of social media in the students of College, ...(City/ Town name) during the period....
- To assess the health profile of study population
- To find the association between social media usage and health profile among study population

Methodology

Study design: **Cross sectional/** Longitudinal/ Analytical etc..

Study setting: Where you are conducting study.

In which place, write the village or City name or Institution name

Example Guntur medical College, Guntur or Tadikonda village or Lam village or

Study population: Among whom you are conducting study

Example Pregnant women residing in Guntur

Degree College students in Tadikonda etc..

Methodology – Sample size

Sample population: It is not possible to conduct study in all study population. Thus you will choose sample population from study population

Sample size: It will be calculated based on the prevalence of the problem or mean values

Go to openepi.com chose sample size calculation, chose proportion and enter the data to get sample size. Use 5% confidence intervals.

Methodology – Selecting study participants

Sampling procedure: Generally simple random sampling, but varies based on your study design

Inclusion criteria: Whom you are including into the study as participants

College students studying 2nd year degree or Male students or Both male and female students or Hostelers or Day scholars like this you have select some groups based on your study

Exclusion criteria: Whom you are excluding from the study as participants

College students who are absent on data collection day or students not willing to participate like this you have to clearly mention inclusion and Exclusion criteria

Methodology – Obtaining Consent

- You have to explain the details of your study in the study participants local language and obtain their consent from study participants.
- You have add consent form in this slide.
- If needed you have to obtain permission from School Headmaster or College Principal or any other authorities to conduct your study

Methodology – Study tools

- Study tools: You have to add questionnaire in this slide
- You have to mention any other required instruments to conduct your study. Like weighing machine, BP apparatus, Measuring tape, Etc..

Methodology – Data collection

Data collection period:

When you are going to collect data.

How many days you are collecting data, etc

Data collection procedure:

Explain in detail how you will collect the data.

Whether you will ask questions or you will give questionnaire to fill the form etc..

Online survey or offline survey etc..

Methodology – Data storage and conversion

- Data storage: You have to tell, how you will store the collected data
- Example: Date wise i will store the filled questionnaires in a separate file for easy accessing the filled forms
- Data entry: I will enter the data in the MS EXCEL spread sheets

Methodology – Study variables

Study variables:

Socio demographic variables such as Name, Age, gender, Residence, Education, Occupation, Family income, Socio-economic status according to modified BG Prasad classification should be included in every study.

Apart from these add your study variables listed according to your research question.

Study variables should reflect your objectives

Data conversion: I will convert the raw data into useful indicators like rates, ratios, proportions or averages for further analysis

Methodology – Data analysis

- Just mention relevant statistical tests will be applied to test the significance of the results.
- If possible you can also show dummy tables with columns and rows without entering data
- Example

Early/ late pregnancy	Maternal effects Yes	Maternal effects No
Yes		
No		

Study Outcome – Expected Results

- It should be answer to your research question
- For Example
- From this study, various factors influencing menstrual hygiene in the study population can be identified.

Ethical issues

- Think about ethical issues involved in your study
- Mention how you will overcome these problems
- For example
- For the study “Impact of Social media on mental health”
- You have to tell that study is purely anonymous study. Names of the study participants will not be collected and individual information will not be shared to other persons.

Conflict of interest & Funding

- Conflict of interest: Just mention **There is no conflict of interest**
- Funding: Funding not received from any person or institute

References

- Add references in Vancouver style

- Thank you..

