

## TEL ACTIVITY - ACTIVITY PLAN

**Name:** *Sadia Zaman*

**Course / Grade:** *Introduction to Research Designs - BS Psychology College Program*

**Length of Activity:** *60 minutes*

### LESSON SUMMARY/ DESCRIPTION

Reviewing the basic difference between two types of experimental research designs i.e. Within-Subject Design and Between-Subject Design that allows students to understand and design different type of experimental setups on the nature of study and sample availability.

### LESSON OBJECTIVE

To provide an opportunity where students can develop understanding of the basic differences between two experimental research designs and their characteristics along with the varied application in psychological research.

### INTENDED LEARNING OUTCOMES

- Students will be able to differentiate between experimental designs on the basis of sample compositions.
- Students will identify pros and cons of both types being used in experimental research studies.
- Students will be able to design the experiment on either of two designs in order to meet their research objectives.

### RESOURCES/TECHNOLOGY

Teacher

- Laptop/PC and Internet Access
- Interactive white board, Powerpoint Slides and TextBook of the course
- Sample of researches – Based on both designs

Students

- Laptop/PC
- Internet Access
- TextBook of the course
- Assignment Sheet (enclosed as Annexure – A)

### INSTRUCTIONAL ACTIVITIES

In first 20 minutes,

TEACHER will

- introduce with the topic, review and present material using interactive white board examples and power point slides to whole class.
- Share the details of supporting material to go through in order to complete the class-assignment
- provide instructions on how to complete the assignment

In remaining 40 minutes,

STUDENTS will

- perform the activities by reading, reviewing, responding and exploring the assigned tasks
- complete the lesson assignment closed in Annexure – A

### LEARNERS' ASSESSMENT

Students will demonstrate the understanding and comprehension of the knowledge by completing their class assignment and uploading it on the portal for teacher's remarks and evaluation.

## STUDENT ACTIVITIES

Read, review, respond, explore and self-assessment activities are listed below:

### READ

Experimental Designs, Difference between with-in and Between Subject Design through PowerPoint slides (*uploaded on portal*)

### REVIEW

Use an online search engine and Identify the types of experiments published in any one study in the latest issue of the Journal of Experimental Psychology: (*Hint: Read ABSTRACT of the study*)

### RESPOND

What is your opinion about the both types of experimental research designs , saying how and which one from between and with-in subject design could be used for the studies which involves:

- sensitive population such as Clinical patients
- normal population such as general public

### EXPLORE

With the help of online search find at least one study using these experimental research designs in your own country (*Hint: Type the research design, field of study and county name on the bar*).

### ASSESS YOUR OWN LEARNING

Solve the blanks, MCQues and match colmun's given in your Textbook's Chapter Experimental Research Designs <Page 143-144> (*Research Methods in Social Sciences*)

## STUDENT ASSESSMENT

After executing the activities suggested above, Complete the attached assignment sheet and upload it on the portal.

**BETWEEN AND WITH-IN SUBJECT EXPERIMENTAL RESEARCH DESIGNS**

Name and Registration no: \_\_\_\_\_

Date: \_\_\_\_\_

Design the Between-subject and With-in subject experimets using details given in following sets. (just craft the basic outline and use the flow-chart and mind-map technique)

<p style="text-align: center;"><b>A</b></p> <p><b>Sample :Teenagers</b> <b>Research Problem: Excessive usage of Social Media and concentration on academic activities</b> <b>Number of Participants: 30</b></p>	<p style="text-align: center;"><b>B</b></p> <p><b>Sample :Anxiety patients</b> <b>Research Problem: Encounter with stress and mindfulness</b> <b>Number of Participants: 6</b></p>
<p style="text-align: center;"><b>C</b></p> <p><b>Sample : Female employees</b> <b>Research Problem: Office timings and behaviour with colleagues</b> <b>Number of Participants: 17</b></p>	<p style="text-align: center;"><b>D</b></p> <p><b>Sample : Adults</b> <b>Research Problem: Perception and attitude towards life satisfaction</b> <b>Number of Participants: 100</b></p>