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**Present status of implementation of action research in D.T.Ed.  
Colleges and development of self instructional  
Material for student teachers –A study**

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### **1. Introduction**

Human needs are increasing very fast with changing human life. Due to change in technology new things are becoming old. Physical, psychological, emotional and social problems have been created because of growing human needs and it affecting human life.

Researcher has inspired by scientific methods and procedure to study problems in teaching field. Therefore researcher has decided to study various problems in teaching field relation to Action Research.

### **2. Statement of Problem**

Present status of implementation of Action Research in Diploma in Teacher Education and development of Self Learning Package for Student Teachers - A Study

### **3. Importance of Study**

Today, self learning package is not available to understand various concepts and issues in practical work. That is why it is necessary to develop such kind of package in order to understand the concepts in Action Research. If we consider the importance of Action Research in D.T.Ed. Colleges the self learning package will help not only student teachers but inservice teachers also.

### **4. Objective of the Study**

1. To study present condition of Action Research in D.T.Ed. Colleges.
  - 1.1 To study present status of the subject Action Research in D.T.Ed. Colleges.
  - 1.2 To study the present status of the practicals taken through the Action Research in D.T.Ed. Colleges.
2. To develop Self Learning Package for student Teachers regarding practical work in Action Research.
3. To study validity of learning package made for student teachers in D.T.Ed. colleges regarding practical work in Action Research
4. to check effectiveness of Self Learning Package for student teachers in D.T.Ed. Colleges regarding practical work in Action Research.

## **5. Hypothesis**

### **Research Hypothesis**

1. Self Learning Package will help student teachers to make list of problems in teaching and non teaching field.
2. Through Self Learning Package student teachers will select a problem from the list, take review and prepare a report.
3. Self Learning Package will be effective in solving problems and making research proposal.
4. Self Learning Package will be effective in making tool and preparing report.
5. Self Learning Package will effective for presentation and interview.

### **Null Hypothesis**

1. Self Learning Package is not effective on experimental and control group of students in D.T.Ed. Colleges to make list of problems in teaching and non teaching field.
2. Self Learning Package is not effective on experimental and control group of student teachers in D.T.Ed. Colleges to select problem in teaching field, take review of related literature and prepare a report.
3. Self Learning Package is not effective on experimental and control group of student teachers in D.T.Ed. Colleges to make research proposal.
4. Self Learning Package is not effective on experimental and control group of student teachers in D.T.Ed. Colleges to make Tool and prepare a report.
5. Self Learning Package is not effective on experimental and control group of student teachers in D.T.Ed. Colleges for presentation and interview.

## **6 Research Method**

Researcher has used survey and experimental methods for present research.

## **7 Sources of data collection**

Researcher has used Questionnaire and Rating Scale for present research.

## **8 Statistical Analysis**

1. Researcher has used Percentage for analysis and interpretation.
2. To check effectiveness of Self Learning Package to analyze and interpretation and to compare experimental and control group researcher has used Mean, S.D., C.V. and t-Test

## **9 Conclusions**

### **Results according to first objective**

#### **1. To study present status of Action Research in D.T.Ed. Colleges.**

##### **1.1 To study present status of Action Research in D.T.Ed. Colleges regarding the subject of Action Research.**

The ration of understanding the present status of student teachers about the concepts technical concepts, methods, reviews of related literature, statistical and qualitative devices of data collection, sampling, methods of sampling, presentation, statistical devices,



report writing characteristics of report writing, appendix in the subject of Action Research is an Average.

## **1.2 To study present status of Action Research in D.T.Ed. Colleges regarding the Practical work of Action Research.**

### **Conclusion of practical 1**

The ratio of present status of student teachers regarding understanding problems in practical to make list of problems in teaching field, problems regarding teaching, problems about educational aids, problems of Black board writing, problems regarding duration of teaching periods, problems of evaluation, plan and procedure of extra curricular activities, expenditure, duration material and tools for activities and duration of practicals is an average.

### **Conclusion of practical 2**

The ratio of understanding the present status of student teachers about review of related literature, report writing, use of interpretation in research, classification, duration of practical is very low.

### **Conclusion of practical 3**

The ratio of understanding the present status of student teachers about making research proposal for Action Research guidance from expert regarding problems selected to Action Research, statement of problems, nature of problems, awareness about problem, problems regarding stating the title of research, characteristics of objectives, guidance regarding stating objectives, methods in Action Research, survey and experimental methods, tools for data collection, importance of Action Research, duration of practical is very low.

### **Conclusion of practical 4**

The ratio of understanding the present status of student teachers about selecting tools for data collection, selection of questionnaire, scope of tools of data collection, checking validity, criteria of standardization procedure, duration of practical is very low.

### **Conclusion of practical 5**

The ratio of understanding the present status of student teachers about statistical analysis, presentation, appendix, size of letters in report writing binding of report, duration of binding, method of presentation, duration of practical is very low.

## **Conclusion according Second objective**

### **2. To develop Self Learning Package for student teachers in D.T.Ed. college about practicals in Action Research.**

Researcher has developed Self Learning Package after taking information about the selection of practical, concept in practical, structure of Self Learning Package its scope and style of language.

## **Conclusion according Third objective**

### **3. To check validity of Self Learning Package developed for student teachers in D.T.Ed. Colleges.**

Validity of Self Learning Package checked by taking guidance from experts, Linguists experts in research and in Action Research.

## **Conclusion according Fourth objective**

### **4. To check effectiveness of Self Learning Package developed student teachers**

**in D.T.Ed. Colleges.**

A developed Self Learning Package is effective for practicals of student teachers in D.T.Ed.colleges

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