

CHAPTER-VII

SUMMARY - CONCLUSIONS

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FINDINGS OF THE STUDY

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SUGGESTIONS FOR FURTHER RESEARCH

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### SUMMARY :

The introductory chapter introduces the reader to 'Distance Education', which is a system in which learner is encouraged to study independently and to learn according to his or her pace, interest, mood and learning capacity.

Distance education system has the objectives and target groups that are different from those of the conventional system.

Following are the objectives of the study :

- 1) To develop criteria for evaluation of self-instructional material for B.Ed. course.
- 2) To analyse the self-instructional material with the help of the pre-determined criteria.
- 3) To modify the self-instructional material on the basis of the evaluation if necessary.

The second chapter of the thesis which follows the introductory first chapter discusses reviews of the related literature. The reviews were grouped under the four evaluation groups under study. The general conclusions of each group were summed up.

The third chapter gives the information about 'Distance Education' and it is devoted to the historical background, concept, philosophy, communication and economy of Distance Education.

The fourth chapter is devoted to the Plan and Procedure of the study. Opening with the method of research it chalks out the research design. The research design has been dealt with the two stages.

The preparatory stage involved selection of problem and the tools necessary for evaluation of SIM. The second stage, the main study gives details of the sample, construction and scoring of the necessary tools and procedure of collection of data.

Chapter five forms the main bulk of the thesis. The analysis of the data was attempted in four parts in keeping with the objectives of the study as follows :

- A) Content Analysis of SIM in the form of rating scale.
- B) Language effectiveness of SIM in the form of questionnaire.
- C) Utility effectiveness of SIM in the form of questionnaire.
- D) Formats given by YCMOU.

The sixth chapter is devoted to the 'Modification of Units', based upon the suggestions of experts and students responses.

The present chapter has dealt with a summary of the study.

The findings, implications of the study alongwith suggestions are as follows :

### FINDINGS OF THE STUDY :

The findings from the study have been enumerated in two parts i.e. External features and Internal features of SIM.

#### I) External Features of SIM :

1) Psychology and Marathi experts said that the title given to the two topics are found to be appropriate.

2) Psychology experts said that quality of the paper used is found to be below average <sup>and</sup> students indicate that it is good.

3) Binding and printing of the SIM is rated below average by Psychology experts and average by students.

4) Size of the SIM is A4 i.e. (210 x 297 mm) and is found to be appropriate.

#### II) Internal Features of SIM :

##### a) Language Factors :

5) Appropriateness of sentence structure is found to be average as indicated by Psychology and Marathi experts.

6) Use of punctuations has been found to be average as indicated by Psychology experts and appropriate as indicated by students. Marathi experts have said that it is not used sometimes.

7) To a certain extent grammar is found to be accurate as indicated by Psychology and Marathi experts and students.

8) To a certain extent information is found to be accurate as indicated by Psychology experts and students.

9) Psychology experts, Marathi experts and students have said that language used is found to be simple.

10) Use of familiar examples, learning experiences has been found to be appropriate as indicated by Psychology experts, Marathi experts and students.

11) Marathi experts have said that length of the paragraph is found to be appropriate.

12) Marathi experts and students found that the explanation is given in small sentences. Complex sentences and improper words are not used.

13) Hard words, flowery language and mistakes in words are not found in SIM as indicated by Marathi experts.

14) Questions depend on objectives and sometimes they depend on memory only.

15) Marathi experts found that sometimes essay type of questions and thinkable questions have been used.

16) Sequence of sentences and use of conjunction is appropriate as expressed by Marathi experts.

17) Marathi experts feel that underlines are used for main points and sub-points are given in question forms.

18) Marathi experts feel that objective questions are necessary in SIM.

19) Language used for communication is appropriate and error free as indicated by Marathi experts.

20) Students said that difficulty level and thinkability of questions has been found to be appropriate.

b) Psychological Factors :

21) Ability of the SIM to retain students attention has been found to be sometimes possible as indicated by students and below average as indicated by Psychology experts.

22) Ability of SIM for development of qualities and domains has been found to be below average as indicated by Psychology experts and good as indicated by students.

23) Ability of students to evaluate their self-progress and personality development has been found to be average as expressed by Psychology experts.

24) Application of knowledge in new situation and development of skill has been found to be done occasionally in SIM as expressed by Psychology experts, but good as expressed by students.

25) Link has been found between the previous and present knowledge, questions and content as indicated by Marathi experts and students. Psychology experts feel that it is only frequently found.

c) Evaluation Factors :

26) Psychology experts indicate an average use of information in SIM which is given by taking into account individual differences.

27) Evaluation of the students progress with the help of the given answer sheet is graded as average by Psychology experts.

28) Ability of students to know scope and limit of answer from question, type of examination used for evaluation is found to be average as expressed by Psychology experts, good as expressed by Marathi experts and students.

29) Psychology experts said that method of asking question is found to be good and is asked after completion of topic.

30) Use of psychological principles and learning experiences in SIM is found to be occasional by Psychology experts.

31) Use of unessential information and familiar examples is found to be rare as indicated by Psychology experts and sometimes as indicated by students.

32) Teaching aids are not used in SIM as indicated by Psychology experts and students.

33) Teacher guidance and reinforcement is frequently found in SIM as expressed by Psychology experts.

34) To some extent fulfilment of the objectives and difficulty level of the questions has been found appropriate as expressed by Psychology and Marathi experts.

35) Psychology experts, Marathi experts and students feels that students are able to understand the scope of the unit from the title of the topic.

36) Marathi experts feel that the educational background, thinking ability and difficulty level of students has been taken into account sometimes while writing the SIM.

37) Technology experts said that the self-instructional material was the combination of the format No. 6 and 7 (Appendix-D). The SIM according to one expert is only supplementary instructional material and not self-instructional material.

#### IMPLICATIONS OF THE STUDY :

The implications of the present study for publishers and writers of self-instructional material are made as follows :

##### Implications for publishers

- 1) Good quality of paper should be used.
- 2) Printing and binding of SIM to be improved.

##### Implications for writers

Distance teaching is on the increase and new self-instructional material for various courses is constantly being produced and updated. Findings of this study would help the writers to -

- 1) Use graphics to motivate learners thereby making teaching and learning effective.
- 2) Take necessary precautions not to have sentences incomplete in the text.
- 3) Use of proper and appropriate punctuations.
- 4) Avoid grammatic and spelling errors.
- 5) Provide greater depth in content as it appears to be insufficient.



**SUGGESTIONS FOR FURTHER RESEARCH :**

Some studies that need immediate attention of researchers are :

1) This study may be replicated on a large representative and cautiously selected sample of students from different years, extending the area of study to the other Units of Paper-II and the other papers of the B.Ed. Course.

2) Tools construction and development is a rich area needing the evolving and development of new tools based on recent conceptualisation for evaluation.

3) The results of the present study are tentative and further studies are needed to confirm the findings.