

Contribution of LNIPE, Gwalior in the Curriculum Design and Development in Physical Education in India.

Designing the Opinionnaire: The opinionnaire was framed and constructed by inviting the initial pool of items from various sources relevant to the study. Such sources included literature review, views of available experts, comments and suggestions by commoners and general observations made during the personal and professional interactions by the investigator during the preparatory stages of study. Additional items were continued to be pooled into the draft in the process of framing and reframing of statements. Out of the collected items in pool, the opinionnaire was constructed in consultation with the advisors, experts and the professional colleagues.

Thirty four statements were prepared on 5 point Likert scale to determine the Contribution of LNIPE, Gwalior in the Curriculum Design and Development in Physical Education in India. The statements were followed by 5 options labeled from strongly agree to strongly disagree. The respondents were requested to tick mark one option that best reflects the degree of agreement or disagreement with each statement.

3. Construction of the Opinionnaire

Establishing Content Validity: The content validity was established by administering the following steps:

Initial Writing: The opinionnaire was constructed in relation to specific objectives of the study. A pool of items for opinionnaire was created based on reference from literature review and professional expertise from areas of sports management, psychology, sociology, physical education and sports.

Focus Group Review: Each statement framed was thoroughly evaluated by group of experts in the field of sports psychology, sports sociology and physical education. They were presented all the statements in the form of question along with the objectives of the study. Ambiguities in the statements were discussed with the help of consecutive discussion by various set of audience. The process helped to eliminate unwanted words, sentences, and ambiguity in the meaning of the statements from of the pool of available items.

Try Out: After having formulated the opinionnaire in an organised manner, the next step was implemented for 'Trial Run' of the draft opinionnaire. The purpose of the trial run, was to assess whether the meaning of all statements given in the opinionnaire was clear and adequate to obtain the desired information.

Rewriting: On the basis of the received suggestions and information laid down by the respondents of the trial run, necessary changes were made in the construction of opinionnaire and it was finally formulated consisting of 34 statements after the approval of the supervisor.

Second Trial Run: After making amendments according to the suggestions received, the second draft was prepared after thorough analysis and reviews. Desired

changes were brought in the opinionnaire followed by its second run on the 30 subjects. At this stage, an average time of 10 minutes was recorded for duly fill-in the opinionnaire.

Final Writing: On the basis of the suggestions received, 34 questions were drafted. The opinionire was considered to be having content validity and was all set to be tested for consistency of the tool. It was essential that the subjects should understand the question for which it was intended. Therefore, on the basis of the received suggestions, minor amendments were made in the final copy of opinionnaire.

Data Collection and Administration of the Opinionnaire: The opinionnaire was personally discussed with and sent to the subjects. The objectives of the study were briefed, clear and short instructions were given regarding the procedure of filling the opinionnaire. Prior appointment was taken from the subjects according to their availability of time. They were requested to immediately tick the response that comes into their mind at first thought. They were asked to respond between the scales of "Highly agree" to "Not agree".

Statistical Procedure: Keeping in view the objectives of the study, the data was collected by opinionnaire for the purpose of the study, both primary and secondary data. Primary data was collected from Students, Faculty, Aluminise, Principals, Deans, Directors and Vice-Chancellors and secondary data from official records, Annual Reports and Published material etc. This information was tabulated item wise in the form of frequencies (responses), converted into percentage and data was analysed using Chi Square in respect of statements asking for alternate response in the opinionnaire.

4. Analysis of Data and Findings of Study

To gather information on Contribution of LNIPE, Gwalior in Curriculum Design and Development in Physical Education in India. Total 800 students, alumni and teachers were asked to send their responses on given opinionnaire out of which only 650 students, alumni and teachers had replied back. Responses pertaining to each of the statement were analyzed and have been presented in terms of the total responses in percent and chi-square value. The findings of the present study are presented in the following Tables -

Teaching Learning and Evaluation

Table 1
Statement No. 1 (a) LNUPE provides latest programmes in Physical Education

S. No	Response	Frequency	Percentage	df	X ²
1	Strongly Agree	278	42.8	04	686.8*
2	Agree	306	47.1		
3	Undecided	30	4.6		
4	Disagree	36	5.5		
5	Strongly Disagree	-	-		
	Total	650	100.0		

*significant at 0.05 level of significance
 $X^2_{(4)(0.05)} = 9.49$

