

A) General Information: -

1. Name of the Institute: DIET, Dilshad Garden

2. Details of the Investigator(s):

Name	Designation	Place of posting at the time of project completion	Present place of posting	Contact no	E-mail
1. Dr. Anil Kumar Teotia	Principal	DIET, Dilshad garden	DIET, Dilshad garden	9891115415	anildietdilshad@gmail.com
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3. Project/ Study Conducted Academic Session: 2015

4. Institute where Project/Study submitted: DIET, Dilshad garden

5. Theme of the Project/Study: Teacher and Teaching

6. Level of the study: school level

B) Summary of the Conducted Research work/Project/Study: -

1. Title: Quality Improvement in Schools (School Adoption Project)

2. Introduction: Education is one of the most important instrument through which a human being learns to live. Education is the basis of all forms of human development and progress. Through education, we acquire knowledge and skills which help us to live a fruitful and healthy life. The main responsibility of imparting education lies with the school in general and teachers in particular. They are the main stakeholders, who can impart qualitative education and make students learn to be a worthy human being and valuable citizen. In order to assess the quality of education being imparted in the schools of District North —East, the present study was undertaken. Moreover, on the basis of previous studies, it can be concluded that whenever any innovative interventions have been planned and provided for enhancing the quality of education, they always result in better performance of the part of the teacher and taught as the system. With this vision, DIET North-East took up this study so that the schools of district North-East may run parallel to the best known schools of the district.

3. Research Objectives: The objective of this study were **i)** to study about the achievement level of class IV students in each subject i.e English, Hindi, Mathematics and E.V.S. before and after interventions. **ii)** to study about the improvement in teaching skills among the teachers before and after the pedagogical inputs **iii)** to study about the change in attitude of the teachers of class IV before and after the various inputs. **iv)** to study the view of parents regarding different aspects of the school owing to the interventions. **v)** to study the infrastructural and academic views of the principals. **vi)** to study the perception and contribution of SMC members in school education. **vii)** to study the organizational climate of the adopted schools.

4. Research Design:

- **Research method(s):** For Gauging achievement Experimental method of research was used and for other tools survey method was used in present study.
- **Tools and techniques used:** Researchers developed following tools for this study: Achievement test of Mathematics, EVS, Hindi, and English. Classroom observation scale, organizational climate Scale, Questionnaire for parents, Questionnaire for SMCs, Questionnaire for Principals.
- **Statistical techniques:-**Percentage and t-test was used to analyze the data.

- 5. Research findings:** (i) Regarding achievement in various subjects, there was improvement in the post test as compared to the pretest in English, Hindi, Mathematics and EVS. (ii) It was noticed that there is a gain in teaching skills and classroom management among all the teachers of selected school. (iii) There was substantial gain in the attitude of the teachers before and after interventions. (iv) Most of the parents were satisfied with different aspects of school as , principal and teacher behavior , school environment , cleanliness and students learning. (v) All the principals were satisfied with infrastructural aspect of schools as cleanliness of toilets , water facility , lights , midday meal availability of teachers , INSET programmes and community cooperation. (vi) Most of the SMC members view that school were functioning well , teachers were serious enough regarding their work and achievement of students was also satisfactory . (vii) All the principal were satisfied with the commitment and willpower level of their teachers. It can be concluded that there is a healthy atmosphere in the school. This research has been done keeping in mind the Quality Improvement in Schools.
- 6. Educational implications:** : Such type of studies are helpful in bridging the gap between the present status of school, and the model schools as it helps in studying the achievement level of students before and after the intervention attitude of teachers, teaching skills possessed by them and the intervention they provide in the actual classroom. Moreover, the study focused on the infrastructural requirements of the schools. In addition to this the perception, participation and contribution on the part of principals, SMCs, Parents and other stakeholders is also evaluated thorough such type of studies. The question mark on the overall quality of education may be assessed and improved through the school adoptions and the plan of action may be initiated.
- 7. Scope of the study:** Similar type of study can be taken up for the upper primary and senior secondary level as well and in other district and state too.