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STUDY THE EFFECTIVENESS OF TEACHING PEDAGOGIES IN TEACHING SUBJECTS OF ADE COURSES OF SINDH.

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KEY WORDS

ABSTRACT

Effectiveness:

Usefulness of

Teaching: way of instruction,

Pedagogy:

Teaching Courses:

Progression

Objectives of the study are: (a) To study the current teaching methods which are using in ADE classes program in our elementary teacher training college. (b) To analyze the practices ADE practicum in the pedagogy of G.SCI, ENG, AND MATH courses. The study is significant for the faculty members, students and ADE teachers. The study is beneficial for the policy makers and professional of ADE curriculum. Survey method has been used to meet the objectives of the study. Questionnaire has been used as a tool of research. Population of the study consisted of the students of 6 elementary colleges of teacher's education of Sindh. Data has been collected through personal visits. Percentage has been used in the analysis of the data. Findings of study were that the perspective teachers were using the INDUCTIVE teaching method in Math, GTM, ALU, in English while in science, INQUIRY METHODS were being used in G, SCI activity. It is recommended that perspective should innovatively teaching methods in teaching and in learning methods students should be trained for modern teaching with, teacher should emphasis activities in learning process.

INTRODUCTION

Background

Teacher has been given the power by Almighty Allah to change the world, his first and important responsibility to discover the great brain ,talent and guide them to find the right path of the world Especially new teachers who have lot of spirt and energy but due to improper training they are facing many difficulties in teaching methods, especially in English, G.Sci, and in Math., ADE program will be helpful for the prospective teacher or young teachers, [Villa, R. E., Thand and, J. S., & Nevin, A. \(2008\)](#). New teachers will be given modern training to face the difficulties or challenges of the current scenario. By this not only preparing new teachers for facing teaching problems but they also become trained teacher from this training and student can get good quality education. It can be helpful for them to find the solution of their problems, [Cole, G. D. H. \(2017\)](#). It is fact that every teacher is facing the problems in class room, so this course will provide complete guide line. And this will also give them way of teaching and interest in their field, without this basic education and training of our teacher will not be successful in their field. [Ko, S., & Rossen, S. \(2017\)](#). According to [UNESCO \(2005\)](#), teacher education is "essentially given pre-service and during the service and it is also believed that "Training is more important – these trainings make student more effective teachers and enhance skills of teaching as well as the social and economic interests of teachers to solve the environmental problems of local students., ADE program Culturally and socially-related and cultural educational programs. "[Master, p. \(2010\)](#).

For the training of teacher, GOVT has introduced various non-dynamic and vibrant

programs from time to time, as these are valuable programs providing opportunities to teachers and students and the same programs are also helping to improve the teachers' skills and they also have good education. It is also helpful for teaching and teaching skills., [M., Hondurator, K., Cass, Yu., and Visizza, Z. \(2008\)](#). Regarding the PTC Primary Teaching Certificate, the latest ADE degree for the primary teachers, it is a double program of two years and has been presented after passing the matric and enter classes. The objectives of the ADE program are: [\(Khan, S. I. 2017\)](#)

The main objective of this ADE is to address the need of teachers for national performance standards for teachers in Pakistan, and in elementary school teacher.

Prospective teachers will be offering quality education, who completed their ADE 2 yea teaching , they will be able to admit in B.Ed. four years program, this is long term professional course for teaching. [\(Mullaney, M. I. 2017\)](#).

For the purpose of ADA program great professors provided a good trainings to teachers, the ability to modernize and the ADE on pattern of the modern lines, and also utilize these skills in their fields, they also have great efforts in their fields. Trying to make it assure the ability to define modern technology and to their content. [\(Seligman, M., & Darling, R. B. ,2017\)](#) [Rudd, P. C. \(2017\)](#).

ADE improves the learning skills in education of teacher and provide a chance to improve learning skills in the methods of teaching. It also includes such changes that will continue in the semester and in the new program, ADE makes for the teacher's a creative skills based quality of national curriculum. [\(Mark, M., and Madura, p. 2013\)](#).

Associate in Education aims to address the contemporary problems of long-term teaching,

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as well as provide information, topics, issues and effective teaching methods, in this way the communicating and teaching process run in a better way. (Narn, B. (2013).

The Main Objective of the ADE Programs are as Under.

The long term study plan has been employed in ADE 2 year's program. This is also a practical manner in addition to the process of processing every process especially on education. (Best, J. W., 2016).

This degree will be fruitful for learners to achieve their education and overcome the teaching problems of education and use teaching practices in easy way. This will be helpful to make their competence as well as make them very equip in the classes, so ADE degree has lot of emphasis on the practicum work and practically used the pedagogies of teaching also Musset, P. (2010). Teacher education usually includes four elements: improving the background of the teachers, enhancing their knowledge and understanding them; teaching them to teach children and children, and teaching and practical skills, between the four elements Balance is different (Biggs, J. B. 2011). Teacher has the ability to change the educational system in educational institutions, which will gain skills in the future. Teachers' educational institutions are working as a major change agent in education and society, which is the future possible. Teacher Educational Institutions: (Coolahan, J. 2002).

JUSTIFICATION OF THE TOPIC

Our country spent more than 70 years but our education system could not be improved and we believe that education is back bone for any country. Our country is independent more than 70 years but remained in suffer due to our educational system. (Pauli, G. 2017) in which we cannot improve our teachers education almost

untrained or unqualified teacher were selected for teaching purpose. They have not teaching and learning skill .our country could not be educated by the professional teachers or by professional trainer Metzler, M. (2017)..

In this way our education system remained consistently fail and many of the failure news are published. But still we cannot achieve the real position, (Darling Hammond, L. 2015). So we say that today is time for tomorrow so we should have the planning and assessment in this area, in our district every arrogant and careless person work in education, they are not professional and their degrees are also fake. So the fact is that the trained teacher makes your life and improve your qualities, we can improve our teacher's education through modern teaching program. (Palmer, P. J. 2017).

STATEMENT OF THE PROBLEM

In this research researcher focused on the effectiveness of ADE program in terms of teaching methods of pedagogy, and its impacts on learnings.

SPECIFIC OBJECTIVE

- To study the current teaching methods are using in ADE classes program running in our elementary teacher training college.
- To analyses the practices of ADE practicum in the pedagogy of G.SCI, ENG, and math the courses.

RESEARCH QUESTIONS.

- What are the current teaching methods used in ADE classes running in our elementary teacher training colleges.
- What kind of the practices of ADE practicum in the pedagogy of G.SCI, ENG, and the math courses of ADE program?

REVIEW OF LITERATURE

Teachers' education can produce the basic educational and pedagogical understanding to our teacher's. By this teachers' ability to manage with the problems of teaching and learning is enhanced and they will also be able to move forward knowledge from generation to generation. Sharp, R., Green, A., & Lewis, J. (2017).

By this way the next generation comes to be the teacher who is able to transfer knowledge towards the worlds. This is the greatest profession of the world's Hannerz, U. (2017). The basic concept of education is to train the teachers through proper training which is good for their profession.

It is also said that good teachers are not born, but are created through appropriate professional education. It is a good argument that teachers mean the trainer, so teachers are equipped with the knowledge and ability of teaching. Mann, S. (2017). So, teacher remains the centers of training, along with education and trainings. Teacher have also been adopting teaching and learning innovations and modern technologies in his teaching. Darling-Hymond, L. (2015)

So, the teacher training produces high confidence of teaching as well as these teacher practice also made the prospective teachers very competent to face the different level of challenges in the classes as well as out the classes. Kaldi, S., & Xafakos, E. (2017).

ADE course is sufficient with such kind of practice of teaching work that the prospective teacher will achieve knowledge and experience from these courses. So in current scenario these are very beneficial for the learners. Sellars, M. (2017).

With this recently Govt of Sindh also made the B,Ed four years degree for teacher teaching profession , this is highly organized and at the same time it is also realize that education will

never improve without professional teachers and professional teachers can improve our current condition. Thomas, U. (Ed.). (2017). So, in this way we must have the professional teachers and these degrees announced in the province and same in the country to enhance the literacy and make the development of the country. Eaton, S. E. (2016).

So day by day it is realize that our country never be success without professional degree holder teachers, for this the old degrees of PTC, C,T and others degree not engaged in the service of teacher and B,Ed honor in education made the compulsory for the learners and the duration of this degree also increased in the Pakistan , now it is 4 year degree before this it was one year private degree.

Here we also have curriculum for teacher's education, this is all organized, but teachers and students are not satisfied with this curriculum. Here we refer from the GECT to following lines. Beane, J. A. (2016). These are educational institutions that are working in different places in Sindh, to enhance the efficiency of teacher. ADE is a new teacher program started in education, Mahmood, S. (2017) it would be value the job and the students are already in front of student's followers.

The ADE teacher from the elementary college of Sindh has been started the teacher's education, the GEC teachers have trained these teachers, especially for the education of modern education, or to gain with the education and skills that help them to grow and enhance their capabilities. Heywood, J. S. (2013). In fact, in the place of training courses, teachers of the PTC Primary School, it is now over and brought ADE and it is more and more practical with skills of education. Khan, S. I. (2017). The ADE teachers have provided the students 'training skills while our teacher could provide such modern skills to our students. This ADE teacher

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also provides such a type of skills that will be able to find out the problems and issues solve through their skills. It is very important for the Teacher Training to learn how teacher can get the skills of teaching before his job. [Ko, S., & Rossen, S. \(2017\)](#) Associate teachers are raising the capabilities of the students in the educational program and also teach the teacher's education and facilitates theme same teachers provided freely and hard work. [Orlich, D. C., Harder, R. J., Trevisan, M. S., Brown, A. H., & Miller, D. E. \(2016\)](#). So, if a teacher is giving free education than no doubt it is possible for the teacher produce confidence of his trust and he is making a change in his learning style. These students are involved in this program, their learning methods and will be a great deal of learning skills. [Pinter, A. \(2017\)](#). Creation in the new program is based on the National Operational Standards for Pakistan Teachers. [Shenzhen, Bee \(2010\)](#).

RESEARCH METHODOLOGY

This study was quantitative survey method, the purpose of Quantitative research is the systematic empirical data.

POPULATION

The population of this study is all over the Sindh and the 23 college of GECT. Where ADE Classes are offered.

SAMPLE AND SAMPLING

For this researcher selected 60 student from the six government elementary degree college of teacher. For this convenience random sample was selected for sampling.

INSTRUMENT OF DATA

For the data collection researcher used five point Likert scale. The respondents were the prospective teachers.

DATA COLLECTION

The data was collected with the help of developed Likert scale questionnaire.

ANALYSIS OF THE DATA

In this the data were distributed in to 2 type , in 1st asked the question about the best method for the mentioned 3subject , after selecting the best one which pedagogy is more effective for these best selected subject.

- 1 SCIENCE
 - 2 MATH
 - 3 ENGLISH
- these three-teaching methods were analyzed as under:

1 SCIENCE

In teaching method of science are as under Inquiry method is suitable for the teaching of science.

Question and Answer technique is suitable for science.

Practical based method is necessary for science teaching.

The observational method is very effective in all the courses of ADE.

Experimental base method is using for science teaching.

Demonstration teaching method is suitable for science teaching methods.

2 MATH

In teaching method of math are as under.

Mostly math teachers are using simple to complex method

In teaching of math teachers are using deductive teaching methods.

Inductive teaching methods are used suitable for the math.

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Problem solving is effective for teaching of math.

Co-operative learning is effective for teaching of science

GTM and CLT is most appropriate in teaching English.

3 ENGLISH

In Teaching method of English are as under
For teaching of math teacher are using simple to complex

In teaching of English teachers are using communication teaching methods.

Audio teaching methods are used suitable for the English.

Lingual teaching method is effective for teaching of English.

Co-operative learning is effective for teaching of science

GTM and CLT is most appropriate in teaching English.

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RESPONSES OF RESPONDENTS AS UNDER

S. No	Statement	Tot	St.ag	agr	N.d	Sts. d	S,dis
1	Inquiry method is suitable for the teaching of science.	60	22	15	03	12	08
2	Question and Answer technique is suitable for science.	60	25	13	05	12	05
2	Practical based method is necessary for science teaching.	60	25	12	06	14	03
4	Observational method is effective in all courses of ADE.	60	29	13	04	10	04
5	Experimental base method is using for science teaching.	60	16	15	02	15	12
6	Demonstration method is suitable for teaching of science.	60	31	06	02	09	12
12	For teaching of math teacher are using simple to complex	60	19	13	05	11	12
19	Deductive method is suitable for teaching of math.	60	30	06	02	19	03
20	Inductive method is more suitable for teaching math.	60	36	7	02	21	01
2	Problem solving is effective for teaching of math.	60	11	30	10	01	08
3	Co-operative learning	60	12	27	11	04	06

	is effective for teaching of science						
5	GTM and CLT is most appropriate in teaching English.	60	15	30	09	04	02
1	GTM is suitable for teaching of content course English.	60	15	25	08	08	04
2	English teaching ALM is suitable for teaching in English	60	11	30	10	07	02
3	Integration of GTM and ALM give results in English.	60	12	31	05	09	03
4	Integration of Alm and CLT provide effective results.	60	10	30	0	12	08
5	GTM and CLT is most appropriate in teaching learning.	60	15	20	03	12	08

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SECTION ,2

FIND OUT THE FOLLOWING RESULTS FROM THE METHODS

OBSERVATIONAL NQUIRY METHOD IS SUITABLE FOR THE TEACHING OF SCIENCE.

Inquiry method improved the understanding of students.
This method helped student to enhance their abilities.
By this method student will clear their concept of learning
This method create innovation idea's among the students
By this students interest will increase in learning.
By this students identify the learning difficulties.

THAT INTEGRATION OF GTM AND ALM GIVE GOOD RESULTS IN ENGLISH

Inquiry method improved the understanding of students.
This method helped student to enhance their abilities.
By this method student will clear their concept of learning
This method create innovation idea's among the students
By this students interest will increase in learning.
By this students identify the learning difficulties.

INDUCTIVE METHOD IS MORE SUITABLE FOR TEACHING MATH.

Inquiry method improved the understanding of students.
This method helped student to enhance their abilities.
By this method student will clear their concept of learning
This method create innovation idea's among the students
By this students interest will increase in learning.
By this students identify the learning difficulties.

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By this student's interest will increase in learning.

By these students identify the learning difficulties.

THAT INTEGRATION OF GTM AND ALM GIVE GOOD RESULTS IN ENGLISH

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SUITABLE FOR THE TEACHING OF SCIENCE.

OBSERVATIONAL NQUIRY METHOD IS

S. No	Statement	Tot	St,a g	agr	N.d	Sts .d	S,d is
6	Inquiry method improved the understanding of students.	60	18	16	04	12	10
7	This method helped student to enhance their abilities.	60	22	14	05	14	05
8	By this method student	60	23	10	06	15	06

According to the above questionnaires most of the respondent are agreed **THAT OBSERVATIONAL NQUIRY METHOD IS SUITABLE FOR THE TEACHING OF SCIENCE**

In above result we have found that most of the respondent were agreed that the that observational inquiry method is suitable for the

INDUCTIVE METHOD IS MORE SUITABLE FOR TEACHING MATH

S.No	Statement	Tot	St,a g	agr	N. d	Sts .d	S,d is
6	By method improved the understanding of student of math	60	24	15	03	10	08
7	This method helped student to enhance their abilities.	60	23	15	05	11	06
8	By this method student will clear their concept of learning	60	20	15	05	15	05
9	This method create innovation idea's among the students	60	30	12	03	12	03
10	By this students interest will increase in learning.	60	16	15	01	16	12
11	By this students identify the learning difficulties.	60	31	06	02	09	12

according to the above questionnaires most of the respondent are agreed that observational inquiry meth

According to the above questionnaires most of the respondent are agreed, the agreed respondent s are 222 while 115 disagree and

	will clear their concept of learning						
9	This method create innovation idea's among the students	60	28	14	04	9	05
10	By this students interest will increase in learning.	60	16	15	02	15	12
11	By this students identify the learning difficulties.	60	30	07	02	10	11

teaching of science and this will be more favorable for the student for,

Understanding
Enhancing Their Abilities,
Making Clear Their Concept
, With Innovations of Idea's
And Helping In Identifying the Learning Difficulties

only23 did not decided following result achieved from this, In above result we have found that most of the respondent were agreed that the that integration of GTM and ALM give good results in English and this will be more favorable for the student,
Understanding
Enhancing Their Abilities,
Making Clear Their Concept
, With Innovations of Idea's
And Helping In Identifying the Learning Difficulties

CONCLUSION

According to the above questionnaires most of the respondent are agreed **THAT OBSERVATIONAL INQUIRY METHOD IS SUITABLE FOR THE TEACHING OF SCIENCE.**
According to the above questionnaires most

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of the ADE PROPECTIVE teachers are agreed that the INDUCTIVE METHOD IS MORE SUITABLE FOR TEACHING MATH. Teaching method is most suitable for the teaching of math.

According to the above questionnaires most of the respondent are agreed that the INTEGRATION OF GTM AND ALM GIVE GOOD RESULTS IN ENGLISH teaching method,

These three teaching methods are also helping to students in following term like wise

Understanding clearly. Enhancing student Abilities, Making Clear students Concept, Generating Innovations of Idea's among the students, and Helping In Identifying the Learning Difficulties.

RECOMMENDATION

It is recommended that all the teaching methods are suitable for learning but student should must care the following teaching method in respective subject likewise in science the observational inquiry method is suitable for the teaching of science.

According to the above questionnaires most of the ADE prospective teachers are agreed that the inductive method is more suitable for teaching math. So it is the most suitable for the teaching of math.

Same according to the above questionnaires most of the respondent are agreed that the integration of GTM and ALM give well results in English teaching method, So teacher should use the above teaching methods in respective subjects and find out their result in term of understand, polishing

their abilities, concept clarity. Innovative ideas and identifying the difficulties.

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