

CONSOLIDATED REPORT

Name of the DIET: DIET COIMBATORE

No. of Action Researches: 5

S.No	Name of the faculty	Title of the Action Research
1.	Dr. C.Rajan Senior Lecturer	துணைவினைகளைப் புரிந்து கொள்வதில் ஒன்பதாம் வகுப்பு மாணவர்களுக்கு ஏற்படும் பிரச்சனைகளும் தீர்வுகளும்
2.	N.Christal Jeya Senior Lecturer	Improving the Skill of Understanding the Concept Forts and Palaces among the V Standard Children of PUPS, Pooluvapatty, Thondamuthur Block through Animated Videos
3.	Dr. P.Elanko Jayaprabhu Senior Lecturer	Impact of Guidance and Counseling on the Academic Performance of Science Group students in Government Higher Secondary Schools of Thondamuthur Block in Coimbatore District
4.	C.Mahalakshmi Lecturer	Enhancing the level of understanding the Concept “Diseases” through multimedia among V Standard students of PUMS, Thudiyalur, Coimbatore
5.	R.Maheswari, Lecturer	Empowering Higher Secondary School Students through a Comprehensive Awareness Program on Paramedical Courses

1. ஆய்வாளர் பெயர் முகவரி : முனைவர் சி.இராஜன், முதுநிலை விரிவுரையாளர்
2. நிறுவனத்தின் பெயர் : மாவட்ட ஆசிரியர் கல்வி மற்றும் பயிற்சி நிறுவனம், கோயம்புத்தூர்
3. ஆய்வுத்தலைப்பு - ஒன்பதாம் வகுப்புத் தமிழ்ப் பாடநூலிலுள்ள துணைவினைப் பகுதிகளைப் புரிந்துகொள்வதில் மாணவர்களுக்கு ஏற்படும் பிரச்சனைகளும் தீர்வுகளும்

4. ஆய்வு நோக்கங்கள்

- ❖ வினைச்சொல்லின் பல வடிவங்களை அறிந்துகொள்ளுதல்
- ❖ வினைகளைச் சூழலுக்கேற்ப பயன்படுத்தும் ஆற்றல் பெறுதல்
- ❖ தனிவினை, கூட்டுவினை பற்றி அறிந்துகொள்ளுதல்

5. ஆய்வு மாதிரிகள்

கோயம்புத்தூர் மாவட்டம் ஆனைமலை ஒன்றியத்தில் உள்ள பெத்தநாயக்கனூர் அரசு உயர்நிலைப்பள்ளியில் பயிலும் ஒன்பதாம் வகுப்பு மாணவ 14 பேர் மாணவியர் 12 பேர், மொத்தம் 26 பேர்.

6. ஆய்வுக்கருவிகள்

துணைவினைகளை அடையாளம் காணும் வகையில் அமைக்கப்பட்ட வினாநிரல்

7. ஆய்வு முறைகள்

- விரிவுரை முறை, பகுத்தாயும் முறை, குழுக்கற்றல் முறை, கலந்துரையாடல் முறை

8. ஆய்வு முடிவுகள்

முன்தேர்வில் குறைந்த மதிப்பெண் 0 வாகவும் அதிக மதிப்பெண் 30 ஆகவும் இருந்தது. பின்தேர்வில் குறைந்த மதிப்பெண் 30 ஆகவும் அதிக மதிப்பெண் 75 ஆகவும் இருந்தது. முன்தேர்வின் சராசரி 15 ஆகவும் பின்தேர்வின் சராசரி 51.15 ஆகவும் இருந்தது. முன்தேர்வின் திட்டவிலக்கம் 9.90 ஆகவும் பின்தேர்வின் திட்டவிலக்கம் 13.36 ஆகவும் இருந்தது. பல்வேறு செயல்பாடுகளை அவ்வப்போது ஆசிரியரின் வழியாகக் கொடுத்து பயிற்சி அளித்தமையால் முன்னேற்றம் ஏற்பட்டுள்ளமை இவ்வாய்வின் வழியாக நன்கு புலப்படுகிறது.



கோயம்புத்தூர் மாவட்டம், பொள்ளாச்சி கல்வி மாவட்டம், ஆனமலை ஒன்றியம், பெத்தநாயக்கனூர் அரசு உயர்நிலைப்பள்ளி மாணவர்களுக்கு செயல் ஆய்வாளர் முனைவர் சி. இராஜன் அவர்கள், துணை வினைகள் பற்றிய விளக்கங்களை அளித்தார்.



இணை ஆய்வாளர் திரு. ந. பாலமுருகன் துணைவினைகள் பற்றியும் அவற்றைத் தொடரில் பயன்படுத்தும் முறை பற்றியும் நாள்தோறும் பயிற்சி அளித்த நிகழ்ச்சிகள்.



1. Name of the Investigator: Mrs. N. Christal Jeya, Senior Lecturer

2. Name of the DIET: DIET, Coimbatore

3. Title: Improving the Skill of Understanding the Concept Forts and Palaces among the V Standard Children of PUPS, Pooluvapatty, Thondamuthur Block through Animated Videos

4. Objectives

- To find out the students' level of understanding the concept Forts and Palaces
- To analyze the difficulties in understanding the concept forts and palaces
- To adopt the strategy – Animated Videos and to remove the difficulties faced by the V standard students

5. Sample

30 students (19 boys and 11 girls) of Standard V from Panchayat Union Primary School, Pooluvapatty, Thondamuthur Block, Coimbatore District.

6. Tool

Action researcher herself developed the questionnaire related to the topic as a tool.

7. Methodology

The present study was a single group experimental design.

8. Findings

- In the pre-test and post-test, mean scores of the students on learning the concept forts and palaces through Animated Videos were 34.16 % and 89.86% respectively.
- The level of understanding of the students on learning the concept forts and palaces through Animated Videos after the intervention was found significantly higher at the 0.05 level.
- In the pre-test, all 30 students scored below 30 % of marks
- In the post-test, all 25 students scored above 50 % of marks.
- The students gained knowledge in the concept forts and palaces through Animated Videos which enhanced the learning skill of students in Social Science.



Students learning through Action Song



Students learning through Animated Videos



Students play with Activities



Students Writing Post Test

1. Name of the Investigator: Dr.Elanko Jayaprabhu, Senior Lecturer

2. Name of the DIET: DIET, Coimbatore

3. Title: Impact of Guidance and Counseling on the Academic Performance of Science Group students in Government Higher Secondary Schools of Thondamuthur Block in Coimbatore District

4. Objectives

- To design and implement targeted guidance and counseling interventions tailored to address the identified needs.
- To evaluate the effectiveness of the interventions in terms of their impact on academic performance.

5. Sample

The study included a total of 30 students, with 15 boys from Class 12 attending Government Boys Higher Secondary School in Thondamuthur, Coimbatore District, and 15 girls from Government Girls Higher Secondary School, Thondamuthur, Coimbatore District.

6. Tool

Action researcher himself developed the questionnaire related to the topic as a tool.

7. Methodology

The present study was a single group experimental design.

8. Findings

- Prior to the implementation of targeted interventions, the pre-test mean score stood at 41.83 with a standard deviation of 10.46 among a sample size of 30 students. Following the interventions, the post-test mean score substantially rose to 71.5. This significant increase of approximately 29.67 points underscores the efficacy of the interventions in fostering academic growth and achievement.
- The 't' value of 9.91 indicates the magnitude of the difference between the pre-test and post-test means.
- This indicates a substantial increase in mean scores from the pre-test to the post- test, suggesting that the interventions had a positive impact on students' academic achievement.

- 1. Name of the Investigator:** C.Mahalakshmi
- 2. Name of the DIET:** DIET, Ondipudur, Coimbatore.
- 3. Title of the Action Research:** Enhancing the Level of Understanding the Concept Diseases” Among V Standard Students of PUMS, Thudiyalur, P.N.Palayam block, through Multimedia.”
- 4. Objectives:**
 - To know how multimedia can help in improving pedagogical quality of teaching in a classroom.
 - To help the students to understand the concept the diseases through multimedia Approach.
 - To enhance the level of understanding the types of Diseases through multimedia Approach.
 - To encourage the students to reflect the experiences got from the multimedia approach.
 - To assist students, apply what was learnt to a similar or new situation.
 - To enhance Teaching & learning through Digitally-enhanced material.
 - To study the significant difference in the process of classroom teaching through conventional method and multimedia technology.
- 5. Sample:** 25 students who were studying in Fifth standard in Panchayat Union Middle School, Thudiyalur,
- 6. Tool:** The tool was prepared by the investigator for pre and post test
- 7. Methodology:** The present research work was based on experimental research.
 - Pre-test
 - Usage of multimedia technology like Video clippings, Animation Video, Orientation about diseases, work sheet Activities and Rally.
 - Post-test

Statistical techniques such as Mean and Standard Deviation were used for analysis and interpretation of the data

8. Findings:

All the students, irrespective of their gender, have performed comparatively better both in understanding the concept in the post-test.

Comparison of the pre-test and post-test shows that the post-test score of the students is observed to be higher than their pre-test score in understanding the concept.

The Gained Score value of students in post-test is found to be higher in understanding the concept than the pre-test.

Photos



1. Name of the Investigator: R. Maheswari, Lecturer

2. Name of the DIET: DIET, Coimbatore

3. Title: Empowering Higher Secondary School Students through a Comprehensive Awareness Program on Paramedical Courses

4. Objectives

- To assess and enhance the awareness levels of higher secondary school students about paramedical courses.
- Develop and implement a comprehensive awareness program to empower students with accurate and detailed information about paramedical courses.

5. Sample

The study's sample consisted of 25 students from Class 12 enrolled at Corporation Higher Secondary School, located in Rathinapuri, Perur Block, Coimbatore District.

6. Tool

The questionnaire utilized in the study was developed by the Action researcher herself. This tool comprised 20 multiple-choice questions (MCQs), with each question carrying a weightage of one mark.

7. Methodology

The present study adopted a single-group experimental design. Initially, all twenty-five students underwent a pre-test assessment. Subsequently, the students received the designated treatment. Following the administration of the treatment, a post-test evaluation was conducted utilizing a questionnaire.

8. Findings

- The pretest mean score of students was 44, while the posttest mean score significantly increased to 72, indicating a notable improvement in academic performance following the intervention. The t-value of 8.32 indicates a substantial disparity between the pre-test and post-test scores of Class 12 students at Corporation Higher Secondary School, Rathinapuri.
- In the pretest, 17 students achieved scores below 50 percent, while 8 students scored above this threshold. Conversely, in the post-test, 23 students surpassed the 50 percent mark, whereas only 3 students obtained scores below 50 percent.

Photos



Mrs.Seethalakshmi, HM inaugurating career counseling session



Students of CHSS Rathinapuri engaging in insightful career counseling sessions



Mrs.Maheswari, Lecturer providing career counseling to students



Students of CHSS Rathinapuri watching Videos on Career Guidance