

District Institute of Education and Training, Uthamacholapuram, Salem-10.
Action Research -Abstract (2023 – 2024)

Sl. No.	Name of the Faculty / Designation Thiru / Tmt. / Dr.	Title of Action Research
1.	M. Selvam, Principal	"Building School Support Volunteerism for promoting Quality Education Among the Teachers"
2.	P. Govindaprakash Senior Lecturer	Building the manipulating skill of ICT techniques among female teachers to empower their professional development.
3.	K. Kannaki, Senior Lecturer	Enhancing the practical application of using riddles and Puzzles in teaching Mathematics among middle school Mathematics teachers.
4.	S. Peter Anandh Lecturer	Developing knowledge and skills of preparing "FIXTURES" for the tournaments among Physical education teachers
5	S. Selvi, Lecturer	Improving the Knowledge of Phonetics in English Language Speaking Skill among the primary school teachers of Magudanchavadi Block.
6	M. Jayamani, Lecturer	“தொடக்கநிலை ஆசிரியர்களிடையே மின்னணு பாடப்பொருள் (Digital Content) மூலம் மாணவர்களின் பேசுதல் திறன் மேம்படுத்துதல் “
7	M. Mahalakshmi, Lecturer	Promoting professional skills among XI and XII standard girls of Akalaiva School.
8	K. Kalaivanan, Lecturer	பள்ளி மேலாண்மைக் குழு உறுப்பினர்களை பள்ளி வளர்ச்சிக்கு முழுமையாக பயன்படுத்தும் திறன்களை நடுநிலைப் பள்ளி தலைமையாசிரியர்களிடம் மேம்படுத்துதல்
9	B. Uthayakumar Lecturer	Enhancing the Class Room Management Skills Among middle School Teachers in Sankari Block, Salem District.
10	K. Satchidanandam, Librarian	“Promoting And Developing The Skills Of Model School Librarians To Serve As An Instructional Leaders Of Multiple Illiteracies In School Libraries Of Salem District.

NAME OF THE DIET: DIET, Uthamacholapuram, Salem-10

NAME AND DESIGNATION OF THE RESEARCHER: M. Selvam, Principal

Title: "Building School Support Volunteerism for promoting Quality Education Among the Teachers"

1.OBJECTIVES:

- To build 'School Support Volunteerism 'among the teachers.
- To cultivate voluntarism for improving school standards among the teachers.
- To know the components of voluntarism and its dire need of the hour among the teachers.
- To engage teachers in various kinds of voluntary activities in schools by their own wish.

2. SAMPLE:

26 teachers of Salem district were used as sample for this action research.

3. TOOL AND INTERVENTIONS USED:

The practitioner developed a tool titled as Questionnaire on 'School Support Voluntarism '. It consisted of 9 items. The samples were asked to respond the questionnaire. Also they asked to put (✓) mark under ' Yes ' or ' No ' . The training was given to 26 teachers under the title of 'School Support Voluntarism '.After the training, the samples were asked to do voluntary service and submit the report. The quantitative and qualitative analysis were done.

4. METHOD :

Single group Pre-test – Intervention – post – test method was employed.

4. FINDINGS

- Almost all teachers involved in School Support Voluntary work.
- All teacher volunteers gave physical work for voluntarism.
- Some teachers utilized their talents and skills for voluntary drives.





TN-SLM 02

Name of the Investigator : Dr P.GOVINDAPRAKASH

Name of the DIET : DIET, Uthamacholapuram, Salem-636010

Title : “Building the Manipulating Skill of ICT Techniques among Female Teachers to Empower their Professional Development”

1. Objectives:

- To build the Manipulating Skill of ICT Techniques among Female Teachers to Empower their Professional Development

2. Sample

In this Action Research 23 Female Teachers of Salem district was are considered as sample.

3. Tool

The research tool contains 15 Multiple Choice questions.

4. Methodology

Teachers' Intervention Training Module is prepared and distributed by the investigator to all sample. An Intervention Training was conducted on 13-03-2024. A pre-test and post-test was conducted.

5. Findings

- The average mark obtained by the Female Teachers in pre-test is 37.67 %. And an average mark obtained by Female Teachers in post-test is 86.66 %. The difference between pre-test and post-test mark is 48.99 %.
- The average mark obtained by SGT Teachers in post-test is 87.68% The average mark obtained by TGT Teachers in post-test is 85.31%
- An average mark obtained by Ayyothiyapattinam Block Sample in post-test is 87.99 %, Veerapandi Block Sample in post-test is 86.66%, Panamarathupatti Block Sample in post-test is 82.66 %. And an average mark obtained by Salem Urban Block Sample in post-test is 85.33 %.



Dr.S.V.Vijayalakmi Shankar , Senior Lecturer explained the importance of Women's Empowerment in ICT



Pre-test instruction was given by the Investigator

Dr.P.Govinda Prakash



The Resource Person
Mrs.A.R.Mahalaksmi BT Assistant
Teacher explained the concept



The Resource Person Mrs.V.Meena
Secondary Grade Teacher explained
the concept “Google Forms”

TN-SLM 03

Name of the investigator: Dr. Kannaki, Senior Lecturer

Name of the DIET: DIET, Uthamacholapuram, Salem Dt

Title: Enhancing the practical application of using Puzzles and Riddles in teaching Mathematics among Middle school Mathematics teachers.

1. Objectives

- To find out the initial level of practical application of riddles and puzzles in teaching mathematics among middle school mathematics teachers
- To evolve a module incorporating riddles and puzzles in teaching mathematics
- To organize one day training programme to enhance the practical application of using of riddles and puzzles in teaching mathematics among middle school mathematics teachers.
- To find out the result and impact of evaluated module based training for the of riddles and puzzles in teaching mathematics among middle school mathematics teachers.

2. Sample

30 Middle School Mathematics Teachers from Salem Urban Block for the study

3. Tool :

- Questionnaire – To find out the usage of Puzzles and Riddles while teaching Mathematical concepts.
 - The tool contains 10 questions regarding their understandings and knowledge about Puzzles and Riddles in mathematics.
4. **Methodology:** Single group Pre- test and Post-test experimental study will be used for the proposed study

5. Findings

- In pre – test teachers were scored minimum marks.
- Teachers need to much more awareness about the practical applications of using Puzzles and Riddles in classroom teaching Mathematics.
- Proper intervention was given to the samples using various examples for the various chapters in practical applications of using puzzles and riddles in teaching mathematics.





TN-SLM 04

Name of the investigator: Dr. S. Peter Anandh , Lecturer

Name of the DIET: DIET, Uthamacholapuram, Salem Dt

Title: Developing knowledge and skills of preparing "FIXTURES" for the tournaments among Physical education teachers

1. Objectives:

- To Develop Knowledge and Skills of preparing “fixtures” for conducting tournaments among the physical education teachers
- To find out the initial level of knowledge and skills of preparing “fixtures” for conducting tournaments among the physical education teachers.
- To impart the knowledge and skills of preparing “fixtures” for conducting tournaments among the physical education teachers.

2. **Sample:** The practitioner used purposive sampling method to select 30 physical education teachers in Salem district as a sample for the study.

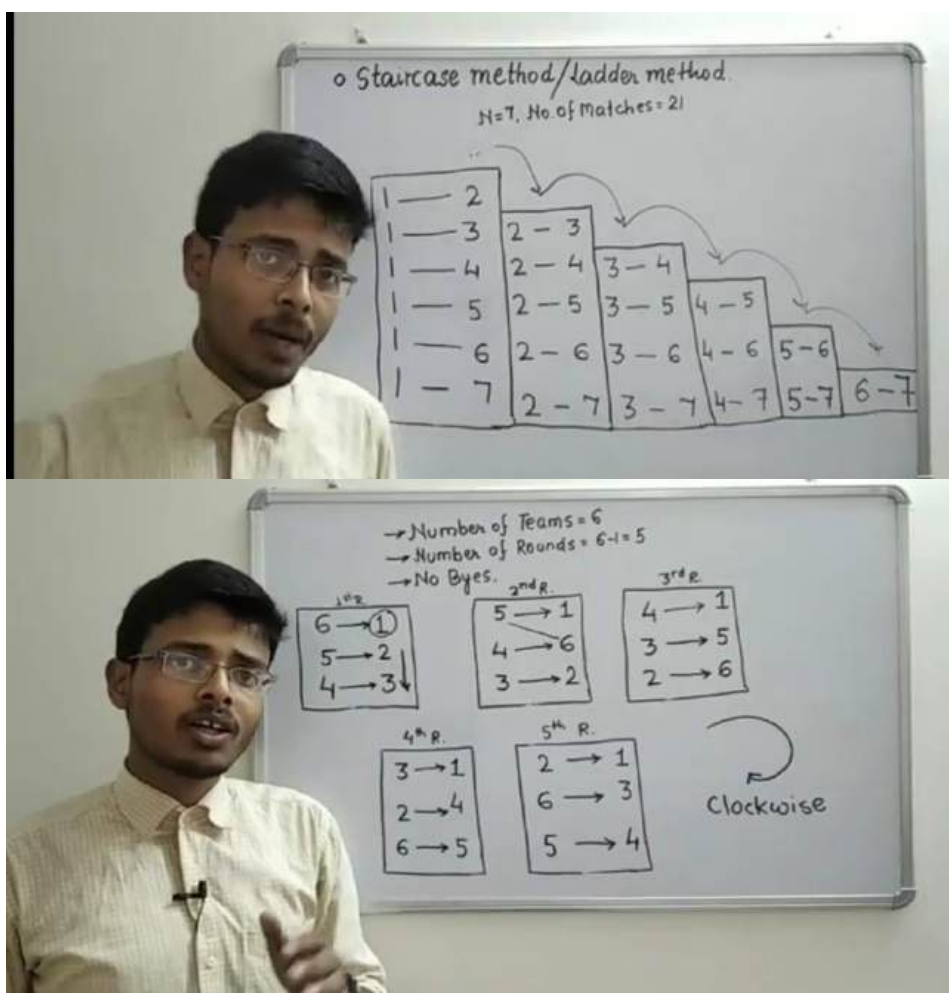
3. Tool and Interventions Used:

- Pre-test and Post-test questionnaire was constructed and used to find the knowledge and skills to prepare fixtures.
- The practitioner prepared module to teach and train to prepare fixtures. The activities designed in the module were used as hands on training in the training programme.

4. **Method:** Quasi experimental design covering Single group pretest posttest experimental research was used in this study

5. Findings:

- The physical education teachers have developed their Knowledge and Skills of preparing “fixtures” for conducting tournaments.
- The minimum score in the pretest 61 was increased 97 in the post test and the pretest mean 55 has increased to 90 in the post test





TN-SLM 05

Name of the investigator: Mrs S. Selvi, Lecturer

Name of the DIET: DIET, Uthamacholapuram, Salem Dt

Title: Improving the Knowledge of Phonetics in English Language Speaking Skill among the primary school teachers of Magudanchavadi Block.

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Name of the investigator: Mrs M.JAYAMANI, Lecturer

Name of the DIET: DIET, Uthamacholapuram, Salem Dt

Title: பேசுதல் திறனை மேம்படுத்துவதற்கான மின்னணுப் பாடப்பொருளை

ஆசிரியர்களிடையே வலுப்படுத்துதல்

1. Objectives

- மின்னணுப் பாட பொருள் மூலம் மொழியியலில் பேசும்திறன்களை மேம்படுத்துதல்

■ தொழில் நுட்பசெயல்பாடுகள் மூலம் பேசும் திறனை வளர்த்தல்

2.Sample

சேலம் மாவட்டத்தில் உள்ள எடப்பாடி ஒன்றியத்தில் பயிலக்கூடிய

மாணவர்களின் பள்ளி 20 ஆசிரியர்கள் இவ்வாய்வுக்காக

எடுத்துக்கொள்ளப்பட்டது.

3.. Tool

செயலாய்வுக்கான முன்தேர்வு மற்றும் பின் தேர்வு வினத்தாள் தயாரிக்கப்பட்டது

4. Methodology

முன் தேர்வின் மூலம் பெறப்பட்ட வினாத்தாள்களின் விடைகள் மூலம் ஆசிரியர்களிடையே செயலராய்ச்சியில் தலைப்பிற்கான புரிதல் குறைவாகவே காணப்பட்டது, ஆகவே ஆசிரியர்களுக்கு ஒரு நாள் பணிமனை மற்றும் பயிற்சி,மின்னணு பாடப் பொருட்களை உருவாக்குவதற்கான வழிமுறைகள் மற்றும் உத்திகள் தரப்பட்டது. இந்த பணிமனையில் மின்னணு பாடங்கள்

தயாரிப்பதற்கான மென்பொருட்கள் மற்றும் கணினி,கைபேசி செயலிகள் அறிமுகப்படுத்தப்பட்டது. அனைத்து ஆசிரியர்களுக்கும் ஒரு நாள் பணிமனை மற்றும் பயிற்சி முடிந்த பிறகு அவர்களுக்கு வரையறுக்கப்பட்ட வினாத்தாற்கள் மூலம் பின் தேர்வு தேர்வு நடத்தப்பட்டது. ஒரு நாள் பணிமனை மற்றும் பயிற்சிக்கு பிறகு அனைத்து ஆசிரியர்களும் முன் தேர்வு வினாக்களுக்கு பெற்ற புள்ளிகளை விட பின் தேர்வில் அதிகமான புள்ளிகளை பெற்றனர்.

5.Findings

ஆசிரிய பெருமக்கள் தகவல் தொழில் நுட்பமான மடிக்கணினி மற்றும் டெஸ்க்டாப் கணினி அலைபேசியைப் பயன்படுத்தி பாடப்பொருளை ஆடியோ வீடியோ வடிவில் தயாரிக்க கற்றுக் கொண்டனர்.





TN-SLM 07

Name of the investigator: Mrs M.Mahalakshmi, Lecturer

Name of the DIET: DIET, Uthamacholapuram, Salem Dt

Title: Educating professional opportunities among Eklavya School girls

1. Objectives

After completing the research, the Eklavya school girls are able

- To identify the skills within themselves
- To understand various professional opportunities available at Salem district
- To know the various schemes in Tamilnadu for ST Girl students
- To develop awareness about various job opportunities

2. Sample

To ascertain the validity of above said assumptions the practitioner selected 160 Girl students of Eklavya Residential Higher secondary school, Yethapur, Pethanayakkan palayam, Salem Dt

3. Tool

- Pre test questionnaire
- Module consisting various job opportunities for ST girl students

- Post test questionnaire

4. Methodology

- Pre test
- One day awareness program
- Practicing the module
- Post test

5. Findings

- The teachers are able to life-oriented projects for primary students
- Teachers are able to give zero cost projects.
- This study will help the students to develop their research and scientific attitudes.
- This study will help the students to develop a hobby.
- It may develop the entrepreneur skill among the students.





TN-SLM 08

Name of the investigator: Dr.K.Kalaivanan, Lecturer

Name of the DIET: DIET, Uthamacholapuram, Salem Dt

Title: “COVID-19 காலக்கட்டத்திற்குப் பின் மாணவர்களிடையே ஏற்பட்டுள்ள நடத்தை மாற்றங்களை சரிசெய்ய ஆசிரியர்கள் உளவியல் ரீதியாக அணுகுதல் திறன் மேம்படுத்துதல்

1.Objectives:

- மாணவர்களிடையே நேர்மறை சிந்தனையை வளர்த்தல் சார்ந்து ஆராய்தல்.
- மாணவர்கள் பள்ளி நெறிமுறைகளை முழுமையாக பின்பற்ற உதவும் காரணிகளை ஆராய்தல்.

2.Sample : ஆய்வுக்காக தேர்ந்தெடுக்கப்பட்ட கெங்கவல்லி ஒன்றியத்தில் உள்ள கீழ்க்கண்ட 11 நடுநிலைப்பள்ளிகள் (11 ஆசிரியர்கள்), 7 மேல்நிலைப்பள்ளிகள் (7 ஆசிரியர்கள்), 2 உயர்நிலைப்பள்ளிகள் (2 ஆசிரியர்கள்)

3. Tool : செயலாய்வுக்கான முன்தேர்வு மற்றும் பின் தேர்வு வினத்தாள் தயாரிக்கப்பட்டது

4.Methodology:ஆசிரியர்களுக்கு வைக்கப்பட்ட முன்தேர்விலிருந்து வகுப்பறையில் ஆசிரியர்கள் மாணவர்களை உளவியல் ரீதியாக அணுகுவதில் உள்ள பிரச்சனைகள் அறிந்துக்கொள்ளப்பட்டது. முன்தேர்வு, பயிற்சி, பின்தேர்வு முறைகள் கையாளப்பட்டது. பின்னர் ஆசிரியர்களின் உளவியல் ரீதியாக அணுகும் திறனை மேம்படுத்த முறையாக பயிற்சி, மாணவர்களின் நடத்தைகளை சரிசெய்வது குறித்த புரிதலை ஆசிரியர்களுக்கு ஏற்படுத்துதல் போன்ற முறைகள் கையாளப்பட்டது.

5.Findings: ஆசிரியர்கள் மாணவர்களை உளவியல் ரீதியாக அணுகி மாணவர்களின் வேண்டத்தகாத நடத்தைகளை மாற்றும் திறன் மேம்பட்டுள்ளது.





TN-SLM 09

Name of the investigator: B. Uthayakumar Lecturer, Lecturer

Name of the DIET: DIET, Uthamacholapuram, Salem Dt

Title: Enhancing the Class Room Management Skills Among middle School Teachers in Sankari Block, Salem District

1. Objectives:

- To find out the class room management skills among science teachers.
- To design a module to enhance the class room management skills among science teachers.
- To conduct one day training programme to enhancing class room management skills among science teachers.
- To find out the effectiveness of module based training in the enhancement class room management skills among teachers through pre test and post tests comparison.

2. **Sample:** convenient sampling procedure be adopted to select the samples 30 teachers will be selected as a samples.

3. Tool and Interventions Used:

- Pretest Pre- test was conducted before intervention in person. The module based intervention given by the practitioner. Post test was conducted by the practitioner. In the post test the same Questionnaire was used in the Post-test to collect the data. The collected data was used to compare the pre-test and post-test scores and derive conclusions.

4. Methodology :

- Single group pre test and post test experimental method will be used for the study.

5. Findings

- In the pre-test the minimum score is 30 and the Maximum is 60.
- In the post-test the minimum score is 85 and the Maximum is 100.
- The minimum score in the pre-test (30) has increased to 85 in the post test
- The minimum score in the pre-test (60) has increased to 100 in the post test



Name of the investigator: K. Satchidanandam, Librarian.

Name of the DIET: DIET, Uthamacholapuram, Salem Dt

Title: : “Promoting and Developing the skills of model school librarians to serve as an instructional leader of multiple literacies in school libraries of Salem District”.

1.Objectives:

- To learn more about the multiple literacies instructional leadership role played by librarians in classroom education.
- To ascertain the obstacles that prevent a school librarian from offering pupils instructional leadership.
- To provide targeted assistance so school librarians can take on leadership positions across a variety of literacies.

2. Sample:

The sample of this study comprise of 15 numbers of the Salem District Government Model Higher Secondary School librarians and Teacher in-charge librarians.

3. Tool:

Pre-test, Intervention and Post-test.

4. Methodology:

The investigator conducted a – pre-test, intervention and a post-test method for better understanding the causes behind the problems. The questionnaire (a structured and close ended) in which set of questions has circulated to the sample. The data was collected through the questionnaire's method for proper analysis.

5. Findings:

- Serves as an instructional leader and teacher
- Supports the development of digital learning, participatory learning, inquiry learning, technology literacies, and information literacy; and
- Supports, supplements, and elevates the literacy experience through guidance and motivational reading initiatives.



