



ISSN - 2249 - 4367

PILLAI

JOURNAL OF

EDUCATIONAL

RESEARCH AND

TECHNOLOGY

(A Peer Reviewed Journal)

PJERT

Volume 11

No. 02

July - December 2022

PILLAI JOURNAL OF EDUCATIONAL RESEARCH AND TECHNOLOGY (PJERT)

**PEER REVIEWED JOURNAL
BENEFACTORS**

Dr.K.M Vasudevan Pillai
Chairman & CEO
Mahatma Education Society

Dr.Daphne Pillai
Secretary
Mahatma Education Society

EDITORIAL CONSULTANTS

Dr. Daphne Pillai
Secretary, Mahatma Education Society

Dr. Priam Pillai
COO, Mahatma Education Society

Dr. Reni Francis, Principal,
Pillai College of Education & Research
Chembur, Mumbai

Dr. Sally Enos, Principal,
Pillai College of Education & Research
New Panvel (W)

Dr. Lata Menon, Principal,
Pillai HOC College of Arts, Science &
Commerce, Rasayani

Dr. Sandip Joshi, Principal,
Pillai College of Engineering,
New Panvel

EDITOR

Dr. Bhavna Dave
Asst. Prof. PCER- New Panvel(W)

PEER REVIEWERS

Dr. Narendra Deshmukh
Scientific officer-E
Homi Bhabha Centre for Science
Education , Tata Institute of
Fundamental Research, Mumbai

Dr. Amit Gosar
Research Guide,
Sikkim Manipal University,
Member- International Association of
Applied Psychology, Navi Mumbai.

Dr. Resmy Varghese
Principal
Mahatma Junior College of Education
Chembur, Mumbai

Dr. Malavika Sharma
Associate Professor
Pillai College of Engineering
New Panvel

DTP INCHARGE

Mr. Sunil Karunakaran

COVER PAGE DESIGN

Mr. Sanjay Singh

PUBLICATION OFFICE

Mahatma Education Society
Chembur Naka, Mumbai-400071

PUBLISHED BY

Dr. Sally Enos, Principal
Pillai College of Education & Research,
Khanda Colony, New Panvel(W)-410206
Tel:022-27464161/9820374303

Published: Nov. 2023

ISSN: 2249-4367

Copyright

© MES' Pillai College Education & Research and authors of individual papers. The authors are responsible for copyright clearance for any part of the contents of their articles. Facts and figures stated, conclusions reached and views expressed by individual authors are their own and should not be necessarily attributed to the editors or to PCER, Panvel.

**PILLAI JOURNAL OF EDUCATIONAL RESEARCH &
TECHNOLOGY (PJERT)**

Volume 11

Number 02

July-December, 2022

CONTENTS**Pg.**

-
- | | |
|--|----|
| 1. Discovery Method and Mathematical Anxiety
<i>Ms. Sweety Gurung</i> | 01 |
| 2. Effects of Creative Thinking Strategies on Writing Skills
among Secondary School Students
<i>Dr. Saramma Mathew & Ms. Shagun Katoch</i> | 12 |
| 3. Effect of Blended learning on the Academic Achievement in
Physics among Standard XII Students
<i>Dr. Geeta S. Thakur & Mrs. Pritee Mhatre</i> | 22 |
| 4. Sustainable Development Goals
<i>Ms. Joshita Kumar</i> | 36 |
| 5. Effect of Project Based Learning on Mastery Learning in
Science among Preparatory Stage Students
<i>Dr. Sally Enos & Ms. Ulka Vaidya</i> | 48 |
| 6. Importance of Explicit Vocabulary Instruction and its
relationship with Comprehension
<i>Ms. Zoshima Mendes</i> | 57 |
| 7. Book Review-New Digital Technology in Education:
Conceptualizing Professional Learning for Educators
<i>Ms. Darshana Jadhav</i> | 72 |