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RESEARCH

TOOLS &
MANUALS



MAHATMA EDUCATION SOCIETY'S
PILLAI COLLEGE OF EDUCATION & RESEARCH
Sector-8, Khanda Colony, New Panvel



VOLUME 1

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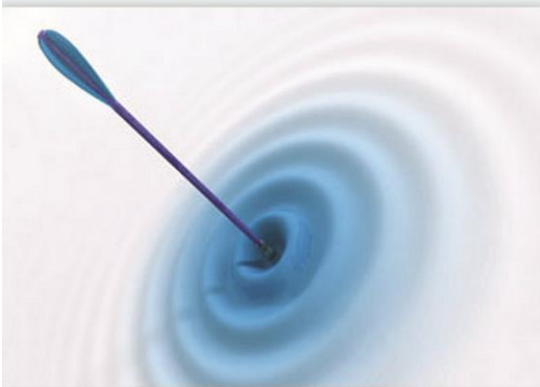
VISION

“To foster positive attitudes and ideals to be socially responsible and competent teacher with individual identities in order to enable the student teachers to translate great ideas into good actions”.



MISSION

To promote purposive education through globalization of mind and society and using education for value transmission in order to enable the student teacher to perform effectively different roles as a teacher in the present society.



OBJECTIVES

- ♣ *To prepare the Student - teachers to perform effectively different roles expected in the changing global Scenario.*
- ♣ *To empower Student - teachers with competencies required for professional growth.*
- ♣ *To develop attitude of Professionalism by inculcating Dedication, Commitment, Accountability & Professional Ethics.*
- ♣ *To foster virtues like Sincerity, Sympathy, Gentleness, Modesty, Humility, Compassion, Courtesy, Co-Operation, Fair play, Self Esteem, Self-Control and Truthfulness.*
- ♣ *To develop Sensitivity towards Society related issues & concerns.*
- ♣ *To encourage student teachers to apply the knowledge creatively to relevant situations.*
- ♣ *To develop Leadership Competencies to plan, organize & conduct various Educational activities.*
- ♣ *To prepare humane professionals by enhancement of the heart and soul.*
- ♣ *To develop an appreciation of the role of the teachers in the prevailing socio – cultural and political context in educational system.*
- ♣ *To provide avenues to the Student teachers for exchanging ideas, raising issues & discussing themes & problems.*
- ♣ *To create an environmental consciousness and concern among the student - teachers.*



ABOUT THE INSTITUTION

Mahatma Education Society, an enviable, triumphant educational enterprise established in 1970 exemplifies quality education through its 50 educational institutions spread across Mumbai, Navi Mumbai and Rasayani. With a mission 'Education for all' our Chairman & CEO, DR. K. M. Vasudevan Pillai and Secretary, DR. Daphne Pillai has ensured the transmission of excellence in education from KG to PG. DR. Pillai believes in the holistic development of the students and the institutions relentlessly strive toward empowering the students to become key contributors to the community.

One such part of MES is Pillai College of Education and Research at New Panvel affiliated to the University of Mumbai, approved by the NCTE and Accredited 'A' Grade by NAAC. It was established in the year 2007 and offers full-time B.Ed. and M.Ed. courses, is a recognized Ph.D. centre (Edu.) and a PCP centre for M.A. (Edu.) IDOL, University of Mumbai.

The institution is situated amidst tranquil residential housing societies and provides a sound, conducive learning environment to the student teachers. Serene environment and proximity of the institution to the nearest road and rail services serve as an added advantage. Designed with a futuristic outlook and well-equipped state-of-the-art technology, the institution works steadily towards its mission “To promote purposive education through globalization of mind with societal insight, using education for value transmission to facilitate the student teachers to perform effectively different roles as a teacher in the present society.”

PREFACE

In the present era of technological advancements and avid curiosity, the ability to harness the power of research tools has become indispensable. This book is a compilation of research tools developed by the sincere and committed efforts of the research guides and post-graduate students of MES' Pillai College of Education and Research, New Panvel. This is the first volume and first edition brought as print in December 2022.

The vast volume of information available, the ever-evolving methodologies, and the rapidly advancing technologies can create a sense of overwhelm. This book aims to navigate this complex landscape, serving as a compass to help you navigate the vast sea of research tools and enable you to chart your own course towards success.

A line of caution: these tools are only enablers, catalysts that augment our cognitive abilities, and help to extend our reach beyond our imagination. True research lies in the questions we ask, the hypotheses we form, and the relentless pursuit of answers. The tools presented here are meant to support and amplify the researcher's innate curiosity.

This book is more than just a compilation of tools. It is an invitation to embrace the spirit of inquiry, to push the boundaries of knowledge, and to apply the transformative potential to create your own research tools.

So, let us embark on this expedition into the realm of research tools, where the boundaries of knowledge are continually pushed, and the possibilities are limited only by our imagination. May this book be your steadfast companion, illuminating the path ahead as you unravel the mysteries of research?

It is a testament to the notable progress we have made in the area of research as a collective human endeavour, and a glimpse into the boundless possibilities that lie ahead.

Sincere thanks to all staff members who have contributed in varied ways towards the compilation of the research tools with its manual.

Best Wishes,

Dr Sally Enos

Principal,

MES' Pillai College of Education and Research,

NEW PANVEL (West)

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