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STRATEGIES, TECHNIQUES, APPLICATIONS AND RESOURCES

**Dr. Arceloni Neusa Volpato
Dr. B. Balaji
Dr. S. Karthikeyan
Dr. Divya R. Panjwani**

STRATEGIES, TECHNIQUES, APPLICATIONS AND RESOURCES

Editors:

Dr. ARCELONI NEUSA VOLPATO

Dr. B. BALAJI

Dr. S. KARTHIKEYAN

Dr. DIVYA R. PANJWANI

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- Dr. Arceloni Neusa Volpato
- Dr. B. Balaji
- Dr. S. Karthikeyan
- Dr. Divya R. Panjwani

Editors

PREFACE

The world is facing unprecedented environmental challenges that are affecting the quality of life of people, ecosystems and economies. The complexity and interdependence of myriad issues require a multidisciplinary approach that brings together expertise from different fields of knowledge (engineering, technology, sciences, arts, humanities, commerce and management). This edited book aims to contribute to this effort by bringing together a collection of articles that explore strategies, techniques, applications and resources from different perspectives.

Strategies are essential because they provide structure, direction, and purpose to endeavors, increasing the likelihood of success and enabling efficient and effective use of resources. They are crucial for adapting to changing circumstances and maintaining a competitive advantage in various contexts.

Techniques are valuable tools that provide structured and efficient ways to perform tasks, solve problems, and achieve goals across diverse fields. They contribute to productivity, quality improvement, and innovation, while also promoting consistency, reliability, and informed decision-making. Their significance extends to both individual skill development and the success of organizations and industries as a whole.

Applications have become integral to modern life, transforming the way we work, communicate, learn, and entertain ourselves. Their significance extends to various domains, bringing convenience, efficiency, and innovation to individuals, businesses, and society as a whole.

Resources are crucial for sustenance, economic growth, technological progress, and societal well-being. They impact various aspects of human life and are essential for building and maintaining prosperous and thriving societies. Responsible management and utilization of resources are key to ensuring their long-term significance and availability for future generations.

Overall, this edited book offers a comprehensive and interdisciplinary overview of strategies, techniques, applications and resources. The articles presented here provide a rich source of information and ideas for researchers, students, practitioners, and policymakers interested in sustainability, transformation, growth and excellence. We hope that this book will inspire further research, discussion, and action towards a more progressive future for all.

- Dr. Arceloni Neusa Volpato
 - Dr. B. Balaji
 - Dr. S. Karthikeyan
 - Dr. Divya R. Panjwani
 - **Editors**

-

FOREWORD

The edited book "**Strategies, Techniques, Applications and Resources**" is a timely and much-needed contribution to the field. The editors of this book, **Dr. Arceloni Neusa Volpato, Dr. B. Balaji, Dr. S. Karthikeyan, and Dr. Divya R. Panjwani** have put together an outstanding collection of articles that explore the various aspects. The book covers a wide range of topics, emphasising strategies, techniques, applications and resources.

One of the unique features of this book is its multidisciplinary approach. The editors have brought together a diverse group of authors from different fields such as engineering, technology, sciences, arts, humanities, commerce and management. This interdisciplinary approach helps to provide a comprehensive understanding of the complex issues. The authors have presented their research and case studies in a clear and concise manner, making it accessible to a wide range of readers, from students to policymakers.

The edited book "Strategies, Techniques, Applications and Resources" is a valuable contribution. It brings together the latest research and practical solutions to some of the most pressing issues of our time. I commend the editors and authors for their efforts and hope that this book will inspire further research and action towards a progressive future.

- **Prof. Dr. Suresh Paul Antony**
Indian Institute of Management, Tiruchirappalli

INTRODUCTION

This edited book, titled "**Strategies, Techniques, Applications and Resources**", is a compilation of research studies and cases that focus on various aspects in multiple domains of engineering, technology, sciences, arts, humanities, commerce and management.

Strategies are crucial tools that individuals, businesses, organizations, and even nations use to achieve specific objectives or goals efficiently and effectively. Their significance lies in the following aspects:

- a) **Goal Achievement:** Strategies help clarify objectives and provide a roadmap to achieve them. They outline the steps and actions needed to reach the desired outcomes, ensuring a focused and purposeful approach.
- b) **Resource Optimization:** By providing a clear plan of action, strategies enable the optimal allocation of resources, including time, money, and manpower. This prevents wastage and ensures resources are used wisely to yield the best possible results.
- c) **Competitive Advantage:** In business and other competitive environments, strategies help create a competitive edge. They allow organizations to differentiate themselves from competitors, exploit opportunities, and mitigate risks, leading to sustained success.
- d) **Risk Management:** Strategies are essential for identifying potential risks and challenges, and they provide contingency plans to overcome them. By being prepared for various scenarios, organizations can minimize negative impacts and maintain stability.
- e) **Long-term Vision:** Strategies are typically designed with a long-term perspective. They help organizations move beyond short-term thinking and foster a sustainable approach to decision-making.
- f) **Adaptability:** Despite careful planning, circumstances can change. Effective strategies are designed with flexibility in mind, allowing for adjustments and adaptations as needed in response to new information or shifts in the environment.
- g) **Alignment and Coordination:** In larger organizations or multi-stakeholder projects, strategies ensure that everyone is working

toward the same objectives. They promote alignment, coordination, and collaboration among different teams or departments.

- h) Decision-making Framework: Strategies serve as a framework for decision-making, guiding choices and ensuring they are in line with the overall mission and goals of the entity.
- i) Measurement and Evaluation: Strategies often include metrics and milestones, which facilitate monitoring and evaluation of progress. This helps in determining whether the strategy is effective or needs refinement.
- j) Confidence and Focus: Having a well-defined strategy gives individuals and organizations a sense of purpose, confidence, and direction. It reduces uncertainty and allows them to concentrate their efforts on the most critical areas.

Techniques play a crucial role in various fields and endeavors, providing specific methods or approaches to accomplish tasks, solve problems, or achieve objectives. Their significance lies in the following aspects:

- a) Task Accomplishment: Techniques offer systematic and proven ways to perform specific tasks or operations efficiently. They provide step-by-step guidelines that enable individuals to complete complex activities with precision and effectiveness.
- b) Problem Solving: Techniques are essential problem-solving tools. They provide structured approaches to analyze issues, identify root causes, and devise appropriate solutions.
- c) Efficiency and Productivity: By streamlining processes and providing best practices, techniques enhance efficiency and productivity. They help individuals and organizations achieve more in less time and with fewer resources.
- d) Quality Improvement: Techniques often focus on quality enhancement. They offer ways to standardize processes, reduce errors, and improve overall outcomes, leading to better products or services.
- e) Innovation and Creativity: Techniques can also be employed to foster innovation and creativity. They may provide frameworks or methods to brainstorm ideas, explore new possibilities, and develop novel solutions.

- f) **Reproducibility:** In scientific research and other empirical studies, techniques ensure that experiments or investigations can be replicated by others, adding credibility and reliability to the findings.
- g) **Decision Making:** Techniques provide structured approaches to decision-making, helping individuals and organizations make well-informed choices based on data, analysis, and evaluation.
- h) **Learning and Skill Development:** Techniques are instrumental in teaching and skill development. They offer practical ways to acquire new knowledge or abilities, enabling individuals to enhance their expertise.
- i) **Risk Reduction:** Some techniques are designed to minimize risks in various domains, such as project management, financial planning, or safety procedures. They provide safeguards and precautionary measures to prevent potential hazards.
- j) **Consistency and Standardization:** Techniques promote consistency and standardization, ensuring that processes and outcomes meet specific criteria or conform to industry standards.
- k) **Adaptability:** Techniques can be adapted and applied to different situations, making them versatile tools that can be modified to suit varying contexts or challenges.
- l) **Progress Measurement:** Techniques often include quantifiable measures or indicators, facilitating progress tracking and performance evaluation.

The significance of applications, particularly in the context of technology and software development, is immense and encompasses a wide range of areas. Here are some key aspects highlighting their importance:

- a) **Problem Solving:** Applications are designed to address specific problems or fulfill particular needs. They provide practical solutions that simplify complex tasks, automate processes, and make everyday activities more efficient.
- b) **Convenience and Accessibility:** Applications enhance convenience and accessibility by providing user-friendly interfaces and functionalities. They enable users to access services, information, and resources from various devices, anytime and anywhere.

- c) **Productivity and Efficiency:** Business applications streamline workflows, optimize operations, and boost productivity. They allow organizations to manage tasks, data, and communication more effectively, leading to improved efficiency and output.
- d) **Innovation and Progress:** Applications often incorporate innovative technologies and ideas, driving progress in different industries. They open up new possibilities and contribute to advancements in fields like healthcare, education, finance, and more.
- e) **User Experience:** A well-designed application enhances the overall user experience. Intuitive interfaces, seamless navigation, and responsive features create a positive impression and encourage user engagement.
- f) **Market Competitiveness:** For businesses, having unique and functional applications can provide a competitive edge. It allows companies to differentiate themselves from competitors, attract more customers, and retain existing ones.
- g) **Data Analysis and Insights:** Applications equipped with data analytics capabilities can collect, process, and present valuable insights. This data-driven decision-making enables businesses to make informed choices and adapt to changing market trends.
- h) **Connectivity and Collaboration:** Applications facilitate communication and collaboration among individuals and teams, regardless of geographical barriers. They enable real-time interactions, fostering cooperation and teamwork.
- i) **Learning and Skill Development:** Educational applications offer interactive learning experiences, enabling users to acquire new skills and knowledge at their own pace. They promote continuous learning and professional development.
- j) **Personalization:** Many applications offer personalized experiences based on user preferences and behavior. This tailored approach enhances engagement and satisfaction.
- k) **Social Impact:** Applications have the potential to address social issues and create positive change. They can be used for charitable purposes, raising awareness, and promoting social causes.

- l) **Economic Growth:** The development and widespread use of applications contribute to economic growth and job creation. The app economy has become a significant sector in many countries, generating employment opportunities and driving economic activity.
- m) **Entertainment and Recreation:** Applications provide entertainment options, such as gaming, streaming services, and social media platforms. They offer relaxation, amusement, and opportunities for social interaction.

Resources are essential components that are valuable and useful in various contexts. Their significance lies in their fundamental role in supporting and sustaining life, economies, and civilizations. Here are some key aspects highlighting the importance of resources:

- a) **Human Survival:** Natural resources, such as water, air, food, and shelter, are fundamental for human survival. They meet the basic needs of individuals and communities, ensuring their well-being and existence.
- b) **Economic Development:** Resources are critical drivers of economic development. Natural resources like minerals, oil, and gas fuel industries and provide raw materials for manufacturing processes. Human resources, such as skilled labor, also contribute to economic growth and innovation.
- c) **Industrial Production:** Resources serve as inputs for industrial production. Whether it's natural resources, like metals and agricultural products, or human resources with specific expertise, they form the backbone of manufacturing and service industries.
- d) **Infrastructure and Construction:** Resources are vital for building infrastructure, such as roads, bridges, buildings, and utilities. Construction materials like cement, steel, and timber are necessary for urban development and improving living standards.
- e) **Energy Generation:** Natural resources like fossil fuels, wind, solar, and hydro power are essential for energy generation. They drive electricity production and power various sectors of the economy.

- f) Environmental Balance: Maintaining a balance in the use of resources is crucial for environmental sustainability. Responsible management of resources helps preserve ecosystems, biodiversity, and natural habitats.
- g) Technological Advancement: Access to resources spurs technological advancement. By providing materials and knowledge, resources enable the development of innovative technologies that improve lives and societies.
- h) Wealth Creation: Resource-rich regions and nations often experience economic prosperity and wealth creation. Exporting valuable resources can drive revenue and contribute to a country's gross domestic product (GDP).
- i) Social Services and Welfare: Financial resources play a significant role in providing social services and welfare programs. Governments allocate resources to education, healthcare, social security, and other essential services.
- j) Research and Development: Resource availability supports research and development efforts. Financial resources fund scientific studies, technological innovations, and medical advancements.
- k) Global Trade and Cooperation: Resources foster international trade and cooperation. Countries with abundant resources can export them to countries with a demand for those resources, promoting economic interdependence and cooperation.
- l) Cultural and Artistic Expression: Resources also play a role in cultural and artistic expression. Artists, musicians, and writers often rely on resources to create their work and share it with the world.

- Dr. Arceloni Neusa Volpato

- Dr. B. Balaji

- Dr. S. Karthikeyan

- Dr. Divya R. Panjwani

- **Editors**

CONTENTS

Sr. No	Title and Author	Page No.
1.	Coping Mechanisms and Adaptation Strategies of Entrepreneurs in Economic Uncertainty Dr. P. Anbuoli	1
2.	Fun Classroom Management Strategies: Need of Hour Dr. Smita Srivastava	7
3.	An Analytical Study on Artificial Intelligence and Mental Health J. Sahaya Roselin	10
4.	To study the importance of Gain characteristics in Quantum well region using Type I and Type II nano heterostructures Ayan Mustafa Khan	16
5.	Cloud Security in Healthcare: Compliance and Data Protection Challenges Kashif Asad	21
6.	A Need of Integrating Cyber Security Curriculum in the Indian Education System Uzma Husain Jaisi	27
7.	Faculty Exit from Academia - A Review Apekshita Solomon	33
8.	Influence of Teacher-Student Relationships on Academic achievements: A Review Study Afreen Fatima	38
9.	Mindfulness-Based Programs, Reducing Stress & Academic Performance: A Review Study Dev Verma	44
10.	Psychological Implications of Increased Screen Time Shimaila Rizvi	50
11.	Enhancing Science Education through Multisensory Learning: A Review Study Asfia Athar	53
12.	A study of social values in secondary school students: A review study Rushda Mirza	57
13.	Academic anxiety and mental health among students: A review study Sabira Khanam	60
14.	Conspiracy of Silence against Women: A Study of <i>Behind the Veil</i> Dr. Fatima Sahrish	62
15.	Up-skilling and Re-skilling of teachers: A Review Study Shyamili Singh	66
16.	A Study of Achievement Motivation among Secondary School of Lucknow Sana Firdous	70
17.	A Study of High School Students to Teach History Subject with the help of Multimedia Anamika Chand	72
18.	Need of the hour: Involving Brain Breaks in classroom teaching Neeta Bawankule	75

19.	Inner Technology: Need of The Hour for Secondary School Students: A Review Study Prensha Devi	79
20.	Adaptive Learning: How Technology is Shaping the Future of education Arisha Mahmood	84
21.	A parallel CNN approach to detect brain tumors in fMRI images Roshan Jahan	87
22.	Developing a personal Philosophy of Education Zaid Imran	92
23.	Comparative Study of Scientific Logic and Religious Logic among Adolescents Rinki Saroj	95
24.	Relevance of Teaching Social Science at School Level Saba Parveen	98
25.	Deciphering Connections: Exploring the Role of Advanced Glycation End Products in the Pathogenesis of Diabetes Zeeshan Rafi Saheem Ahmad	103
26.	Analysing the Trade Direction and Commodity Composition of IBSA Nations Dr. Shujauddin Khan	108
27.	Analysis on Parentel Involvement on Their Children Academi P. Anbarasan Dr. P. Priyadarsini	116
28.	An Approach to Detect the Land Cover Change Using Histogram Based Thresholding for Landsat-8 OLI Images Harish Chandra Verma Tasneem Ahmed	119
29.	A study of the Role of Mindfulness in Enhancing Academic Performance Azka Fatima Dr. Sadia Shakeel	127
30.	Predicting Student Feedback on Teaching Processes with Machine Learning Classifiers: A Systematic Approach Helaria Maria Dr. R. Subhashni	130
31.	Maximizing Efficiency and Sustainability in Concrete Building Frames through Multi-Objective Simulated Annealing Tabish Izhar Dr. Syed Aqeel Ahmad	136
32.	From nature to drug discovery: The Indole scaffold as a 'privileged structure'for breast cancer Dr. Mohammad Imran Ahmad Dr. Tahmeena Khan	143
33.	A Comprehensive Study on Just-In Time Systems Dr. V.P. RameshKumaar V. Sri Jothika K. Aishwarya	150

34.	Narrative Accounts of Strategies Exciting Entrepreneurial Innovation Dr. Anuja Sehgal Dr. Neelam Saxena Dr. Yagbala Kapil	154
35.	The Impact of Negative Word of Mouth on Customer Retention: A Brand Portfolio Perspective Monu Dihingia Dr. R. S. Rai Dr. Jonardan Koner	168
36.	Customer Perception Towards Purchase of Gold Among Middle Income Investors in Bangalore Lakshmi Eshwar Dr. G. Selvalakshmi	178
37.	The use of Formative and Summative Assessment in Classroom Tasneem Fatimah	189
38.	Enhancing Road Safety: A Survey of Cost-Effective Machine Learning-Based Collision Prediction & Detection Methods Nahin Nadeem Dr. Shailendra Kumar	192
39.	A Comparative Study of Esther and Ruth in Bible: A Feminist Perspective G. Chella Grace	202
40.	A Study of Women Education in India: A Modern Perspective G. Shakila	209
41.	Impact of Technological Advancement on Job Satisfaction of Prospective Academic Intrapreneurs in Higher Educational Institutions Rajani Mariam K Korah Dr. Subhasree Kar	218
42.	Impact of Hybrid Workforce Strategies: GenZ vs Millennials Rajani H Pillai Jyotsana Choudhary	225
43.	A Study of the Exploration themes of Isolation and Beauty in Snow Country by Kawabata Yasunari: A Spiritual Perspective R. Nandini	230
44.	A Study of the Psychoanalytic theory in the Character of Job in the Bible: A Spiritual Perspective K. Priyanka	238
45.	A Study of Eco-Sabotage in The Death of Nature by Carolyn Merchant: An Ethical Perspective M. Jagadeeswari	246
46.	Applications of Explainable AI for Healthcare 5.0: A Survey Muskan Khan Dr. Shailendra Kumar	252
47.	Mechanization of Manual Scavenging: A Path towards Dignity and Efficiency Warisha Fatima Dr. Shailendra Kumar	260
48.	Multicultural Education: A Review Study Prabhakar Verma	266

49.	A Study on Impact of Leadership Style on Employee Retention in a Hybrid Model Rajani H. Pillai Nooren Fatima	270
50.	Impact of Big Data Analytics in Healthcare Dr. Mohd. Suhaib Kidwai	276
51.	A Comparative Study of Multidimensional Poverty between EAG and Non-EAG States of India Dr. Rashmi Shukla	281
52.	Implications and Challenges of Incorporating Emotional Intelligence in Personnel Hiring Nida Iqbal Dr. Yasir Arafat Elahi	287
53.	A study on Problem faced by Higher Education students in Tamil-Nadu Dr. S. Saranya	293
54.	Contextual marketing and its effects on Bangalore city's online customer purchasing behavior for organic food products Monica Janet Clifford	300
55.	An Analytical Study about Teachers' Professionalism and Teachers as Professionals Wahida Rais Dr. Vivek Rogers	308
56.	High Gain Low power (Non-Isolated) DC-DC Converter Review Mohammed Asim Anas Ahmad	312
57.	Social Hierarchy in Buchi Emecheta's the Joys of Motherhood and P. Sivakami's the taming of women Athira S Kumar	319
58.	Assessment of cumulative effect of modified atmosphere packaging, packaging material and chemical treatments on post-harvest life of button mushroom (Agaricus bisporus) Dr. Pallavi Srivastava	324
59.	Synthesis of opposites in Bhabani Bhattacharya's Music for mohini Deepshikha Upadhyay	328
60.	Portrayal of the Predicament of Individual and Society in so many hungers! of Bhabani Bhattacharya Dr. Puneet Kumar Upadhyay	330
61.	A Study on Human Capital Development on Firm Performance Dr. R. Alagesan	332
62.	Portrayal of Class Struggle, Poverty in Aravind Adiga's The White Tiger Through The Lens of Class Consciousness Mamta Chaudhary	334
63.	Application of Artificial Intelligence in Education: Advantages and Disadvantages Shabana Tasnim	336
64.	Learning, Unlearning and Relearning: A dynamic process of knowledge management under different development stages Dr. Divya R. Panjwani	341

65.	Role of Government Officials and Politicians in the Development of a Nation Dr. S. Saravanakumar Dr. M. L. Gnanadasan	347
66.	Role of Personal Affluence of Individuals towards Selection of Housing Apartments to Invest Dr. S. Saravanakumar	352

Relevance of Teaching Social Science at School Level

Saba Parveen

Lecturer, Department of Education, Integral University, Lucknow

1. Introduction

Social science education is a multifaceted and interdisciplinary field of study that seeks to provide students with a comprehensive understanding of human society and the involved web of factors that shape it. This educational discipline encompasses a wide range of subjects, including history, geography, civics, economics, sociology, political science, anthropology, psychology, and cultural studies. The primary objective of social science education is to equip students with not only factual knowledge but also critical thinking skills, analytical abilities, and a deep appreciation for the complexities of human behaviour and societal structures. Through the study of social sciences, students gain insights into historical events, economic systems, political ideologies, cultural diversity, and human interactions at local, national, and global levels. It encourages students to explore the dynamics of societies, past and present, fostering a global perspective, civic engagement, and a sense of social responsibility. Ultimately, social science education empowers individuals to navigate and contribute meaningfully to the ever-evolving world in which they live.

The importance of education in shaping individuals and societies is universally acknowledged. Within the vast realm of education, the role of social science instruction at the school level stands out as a critical contributor to holistic learning. As we delve into the topic of the "Relevance of Teaching Social Science at the School Level," it's essential to understand the background and context in which this discussion unfolds.

In today's fast-paced, interconnected world, students face a multitude of challenges and opportunities. They are growing up in a society characterized by rapid technological advancements, globalization, and diverse cultural interactions. Understanding and navigating this complex environment require more than just academic knowledge. It necessitates a deep comprehension of the intricate web of social, political, economic, and cultural forces that shape our world.

Social science education is like a guide that helps us navigate our complex world. It teaches us about our past, present, and future. It empowers us to be informed, responsible, and active members of society. It shows us the big picture of how our world works and encourages us to make it a better place for everyone.

2. Defining Social Science Education

2.1 What is Social Science Education?

Social science education is a branch of learning that focuses on the systematic study of human society, behaviour, and interactions. It encompasses a wide range of disciplines, including sociology, anthropology, psychology, economics, political science, history, geography, and more. The primary goal of social science education is to equip students with the knowledge, critical thinking skills, and understanding necessary to comprehend the complexities of human societies and their dynamics. It encourages students to question, analyze, and evaluate information, fostering a sense of inquiry and the ability to think critically about societal issues. Moreover, social science education promotes civic education, preparing students to be informed and engaged citizens by teaching them about democratic principles, government systems, and their rights and responsibilities. Ultimately, social science education plays a crucial role in shaping individuals who are not only knowledgeable but also socially aware, ethically conscious, and well-prepared to contribute to the betterment of society.

2.2. Components of Social Science

Social science encompasses a diverse range of components or branches, each offering unique insights into different facets of human society and behaviour. Anthropology delves into the study of cultures, societies, and human diversity, exploring the details of customs, languages, and historical developments. Sociology investigates the structures and dynamics of human societies, analyzing social institutions and interactions within them. Psychology, while often considered a natural science, has a significant overlap with social science through social psychology, which examines how social factors influence individual behaviour and cognition. Economics explores resource allocation, markets, and economic policies, shedding light on issues like poverty and economic growth. Political science delves into governance, politics, and international relations, while history unravels the tapestry of past events, societies, and human experiences. Geography examines the Earth's physical and human features, with human geography focusing on population distribution and cultural landscapes. Criminology delves into the study of crime and criminal justice systems, analyzing criminal behaviour and its causes. Educational research investigates learning processes and educational systems, while communication studies explore various modes of human communication. Social work addresses social and psychological challenges faced by individuals

and communities, providing support and advocating for social justice. Gender studies critically examine the construction of gender roles and identities, highlighting issues of feminism, masculinity, and gender inequalities. These components collectively form the tapestry of social science, offering valuable perspectives on the complexities of human societies and their interactions.

3. Historical Significance

3.1. The Historical Significance of Social Science

The historical importance of social science education is deeply intertwined with the development of informed, engaged, and responsible citizens throughout the ages. Dating back to the origins of organized societies, the study of social sciences has been instrumental in understanding human behaviour, societal structures, and the forces that shape our world. In ancient civilizations such as Greece and Rome, early forms of social science education were prevalent, emphasizing the study of politics, ethics, and human relationships. This foundational knowledge has continued to evolve over time, contributing significantly to the emergence of democratic principles and the establishment of modern governance. Throughout history, social science education has played a pivotal role in shaping political ideologies, promoting social justice, and addressing pressing societal issues. It has empowered individuals to become active participants in their communities and societies, fostering a sense of civic duty and a commitment to making informed decisions for the collective welfare. From the Enlightenment era to the present day, social science education has been a cornerstone of enlightenment, progress, and social transformation, leaving an indelible mark on the historical development of human societies.

3.2. Contribution to Society

Social science has made profound and far-reaching contributions to society by shedding light on the intricate workings of human behaviour, societies, and the world at large. Through extensive research and analysis, social scientists have informed policy and governance, leading to more effective decision-making and better public administration. The discipline has been a driving force behind the pursuit of social justice and equality, challenging discrimination and advocating for fairness. In the realm of economics, social science has unravelled the complexities of economic systems and market dynamics, contributing to economic growth and stability. It has enhanced our comprehension of global issues, fostering diplomacy and cooperation among nations. Furthermore, social science research has positively impacted public health, education, environmental sustainability, and the preservation of cultural heritage. It plays a pivotal role in conflict resolution, peace building, and the promotion of human rights. Overall, social science continues to be a cornerstone of societal progress, offering valuable insights and solutions to address the myriad challenges facing our world.

4. Fostering Critical Thinking and Analytical Skills

4.1. Role of Critical Thinking

Social science plays a pivotal role in nurturing critical thinking skills among individuals. Through the systematic study of human behaviour, societies, and the intricate interplay of various factors, social science encourages individuals to think critically about the world around them. It prompts questions, challenges assumptions, and fosters an analytical mindset. Social science equips individuals with the tools to assess information, evaluate evidence, and consider multiple perspectives when tackling complex societal issues. By examining historical events, societal structures, and cultural influences, social science education encourages individuals to delve deeper into the causes and consequences of human actions, promoting a more nuanced understanding of the world. In an era marked by information overload and diverse viewpoints, the critical thinking skills instilled by social science are essential for making informed decisions, participating in constructive dialogues, and addressing the multifaceted challenges of our society. Thus, social science not only imparts knowledge but also empowers individuals to become discerning, thoughtful, and analytical thinkers.

4.2. Analytical Skills Development

Social science education serves as a powerful means for the development of analytical skills in individuals. By delving into the study of human behaviour, societies, and complex societal issues, social science encourages students to think critically and analytically. It provides them with the tools and methodologies to analyze data, evaluate evidence, and draw reasoned conclusions. Whether examining historical events through a historical lens, dissecting economic trends, or scrutinizing the impact of policies on society, social science education fosters the capacity for systematic and structured analysis. This skill set extends beyond the classroom, empowering individuals to approach real-world problems with a methodical and critical mindset. Analytical skills honed through social science education are invaluable in diverse fields, from research and policymaking to business and everyday decision-making, ensuring that individuals are well-equipped to navigate the complexities of our ever-changing world.

5. Developing Global Awareness and Cultural Competence

5.1. The Importance of Global Perspective

A global perspective is of essential importance within the realm of social science education. In an increasingly interconnected world, understanding global dynamics, cultures, and challenges is essential. Social science equips individuals with the knowledge and tools to analyze not only their local communities but also the broader international context. It fosters an appreciation for cultural diversity, cross-cultural communication, and empathy for different worldviews. Moreover, social science enables individuals to comprehend the global implications of various societal issues, such as climate change, poverty, and conflict. By embracing a global perspective, social science education encourages individuals to think beyond national boundaries, fostering a sense of global citizenship. This perspective is vital for addressing pressing global challenges collaboratively and responsibly, as well as for preparing individuals to thrive in an interconnected world where global awareness and cultural sensitivity are invaluable skills.

5.2. Cultural Competence and Tolerance

Social science education plays a pivotal role in fostering cultural competence and tolerance. By exploring diverse cultures, histories, and societies, it broadens students' horizons and deepens their understanding of the rich tapestry of human experiences. Social science encourages students to appreciate the cultural nuances that shape individuals' beliefs, values, and behaviours. This exposure instills cultural empathy and an acceptance of different worldviews, promoting tolerance and respect for diversity. Moreover, social science education equips students with the tools to critically examine stereotypes, biases, and prejudices, encouraging them to challenge and take apart these barriers to understanding. Ultimately, it nurtures a culturally competent and tolerant generation, ready to engage positively in a globalized world, navigate intercultural interactions, and contribute to the promotion of harmony and social structure in increasingly diverse societies.

6. Economic Literacy and Financial Education

6.1. Real-world Economic Applications

Social science education goes beyond theoretical knowledge, providing students with the tools to apply economic concepts to real-world situations. This includes understanding how economic factors influence consumer choices, business strategies, and government policies. It involves analyzing economic data to make informed decisions, whether in personal finance, entrepreneurship, or public policy. Real-world economic applications enable individuals to grasp the consequences of economic decisions on a societal level, from addressing issues like income inequality to making informed choices about investments and savings. By connecting economic theory to practical applications, social science education empowers individuals to navigate the complex economic landscape and make choices that contribute to their financial well-being and the broader economic health of society.

6.2. Economic Decision-Making

"Economic Decision-Making" is a fundamental aspect of social science education, equipping individuals with the skills and knowledge needed to make informed choices in an economic context. Social science education delves into the principles of economics, helping students understand concepts like opportunity cost, supply and demand, incentives, and market behaviour. These principles form the foundation for economic decision-making. Students learn how to assess costs and benefits, evaluate risks, and consider trade-offs when making choices, whether at the individual, business, or societal level. They gain insights into personal financial management, budgeting, investment strategies, and the impact of economic policies. Moreover, social science education encourages critical thinking, allowing individuals to analyze economic issues, weigh competing factors, and arrive at rational decisions.

7. Appreciating Historical Context

7.1. Learning from History

"Learning from History" is a central theme in social science education, emphasizing the invaluable lessons that can be gleaned from the study of the past. Social science recognizes that history serves as a repository of human experiences, offering a wealth of knowledge about the consequences of actions and decisions made by individuals, societies, and nations.

One of the primary objectives of social science education is to encourage students to analyze historical events critically. By examining both successes and failures, students gain insights into the factors that have driven societal change, conflict, progress, and stagnation.

Moreover, learning from history fosters a sense of collective memory and cultural identity. It allows societies to acknowledge and confront past injustices, atrocities, and social inequalities, with the goal of preventing their recurrence. Social science education instills an appreciation for the importance of preserving historical records, artifacts, and narratives to ensure that future generations have access to the lessons of history.

7.2. Relevance in Contemporary Society

Social science education goes beyond teaching historical or theoretical concepts; it equips individuals with the tools to understand and engage with the complex challenges facing contemporary society.

One of the notable ways in which social science maintains its relevance is by providing a framework for comprehending current societal issues. It enables individuals to analyze the root causes of problems such as poverty, inequality, environmental degradation, and social injustice. Moreover, social science education encourages individuals to critically evaluate the impact of policies, technologies, and social trends on society. It promotes an awareness of ethical considerations, human rights, and the consequences of decision-making, ensuring that individuals are well-informed and responsible citizens.

In the contemporary world, social science also plays a pivotal role in addressing global challenges. Whether it's climate change, migration, political conflicts, or public health crises, social scientists contribute valuable research and analysis to inform policy and decision-makers.

8. Career Opportunities and Life Skills

8.1. Professional Applications of Social Science Education

"Professional Applications of Social Science Education" include a wide collection of career opportunities that control the knowledge and skills acquired through social science studies. Graduates often find themselves well-prepared for roles in public policy and administration, where they contribute to shaping government policies and programs that address pressing societal issues. Additionally, social science education equips individuals with the analytical and research skills needed in market research and analysis, aiding businesses in making informed decisions and staying competitive. In the realm of human resources, graduates excel in fostering positive workplace environments, managing employee relations, and promoting organizational growth. Moreover, the critical thinking, problem-solving, and communication skills developed in social science education are highly valuable in fields like education, social work, international relations, and even entrepreneurship.

8.2. Preparing Students for Future Success

Social science education imparts knowledge, fosters critical thinking, and essential skills such as problem-solving, effective communication, and data analysis. These skills are highly transferable, enabling students to adapt to diverse career paths and navigate a rapidly changing job market. Moreover, social science education nurtures cultural awareness, global perspectives, and an understanding of societal complexities, which are increasingly essential in a interconnected world. By fostering a sense of civic responsibility and ethical decision-making, it prepares students not only to excel in their careers but also to contribute meaningfully to their communities and society as informed and engaged citizens. In essence, social science education equips students with the intellectual, interpersonal, and ethical tools they need to thrive, lead, and make a positive impact in a dynamic and ever-evolving world.

9. Future Trends and Innovations

9.1. Adapting to Technological Advances

Technology is reshaping the way we interact, work, and understand the world, and social science education must keep pace with these changes. Social scientists increasingly harness technology for data collection, analysis, and communication, which expands the possibilities for research and insights into human behaviour and societies. Additionally, technology-enabled learning tools enhance the effectiveness of social science education, offering interactive experiences and access to a wealth of digital resources. Moreover, social science education must address the ethical and societal implications of emerging technologies, including artificial intelligence, data privacy, and the impact of automation on the job market. By adapting to technological advances, social science education remains relevant and equips students with the skills and knowledge needed to navigate the digital age, make informed decisions, and contribute to the responsible use of technology in shaping the future of society.

9.2. Emerging Trends in Social Science Education

Social science education is witnessing several transformative trends that are shaping how students learn and engage with the discipline. One prominent trend is the increasing emphasis on interdisciplinary approaches, where social science is integrated with STEM (Science, Technology, Engineering, and Mathematics) fields to address complex global challenges comprehensively.

Furthermore, there's a growing emphasis on experiential learning, where students engage in real-world projects, internships, and community service to apply their social science knowledge in practical settings. This trend fosters a deeper understanding of societal issues and equips students with valuable skills for future careers.

Additionally, social science education is increasingly focusing on global perspectives, promoting cultural diversity, and addressing pressing global challenges such as climate change, migration, and social inequality.

These trends reflect the evolving role of social science in preparing students to be informed, adaptable, and socially responsible citizens in a rapidly changing world.

10. Conclusion

In conclusion, the exploration of the "Relevance of Teaching Social Science at the School Level" has shed light on the multifaceted and vital role that social science education plays in shaping individuals and societies. Social science education, delving into its historical significance, and understanding how it fosters critical thinking, analytical skills, and a global perspective. Social science explored its contributions to society, economic literacy, and real-world applications, as well as its role in nurturing cultural competence and tolerance. Moreover, social science education is important in preparing students for diverse career opportunities, equipping them with essential life skills and preparing them for future success.

As we look to the future, it's clear that social science education is evolving to adapt to technological advances, embracing interdisciplinary approaches, and emphasizing experiential learning and global perspectives. These trends ensure that social science education remains relevant and equips students to navigate the complexities of an interconnected world.

In essence, social science education is not merely an academic pursuit but a transformative force that empowers individuals to become informed, critical thinkers, responsible global citizens, and contributors to the betterment of society. It's a call to action for educational stakeholders to recognize its vital role and invest in its advancement, ensuring that future generations are well-prepared to address the challenges and opportunities of our ever-evolving world. By prioritizing social science education, we pave the way for a brighter and more informed future for individuals and societies alike.

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