### SAROJINI NAIDU VANITA MAHA VIDYALAYA



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### List of books and chapters for the C.Y 2021

S. No	Name of the teacher	Title of the book/chapters published	Title of the proceedings of the conference
1	Ms. Sana Tabassum	21st Century Cinematic Adaptation of Literature in Indian Cinema- A Reflection on Socio Cultural Aspects	21st Century Cinematic Adaptation of Literature in Indian Cinema- A Reflection on Socio Cultural Aspects
2	Mrs.K GEETHA	Emerging Trends in Multidisciplinary Subjects for Research (Vol- I)	Emerging Trends in Multidisciplinary Subjects for Research (Vol-I)
3	Dr. E Rukmini	B. Sc. Second Year Physics ( Waves and Optics)/chapter 2	NA
4	Prabha Shukla	Proceedings 3rd Pure Earth Environment Conference 2021	3rd Pure Earth Environment Conference 2021
5	K Subba Rao	Proceedings 3rd Pure Earth Environment Conference 2021	3rd Pure Earth Environment Conference 2021
6	Swetha Dixit	Proceedings 3rd Pure Earth Environment Conference 2021	3rd Pure Earth Environment Conference 2021
7	Saira Siddiqui	21st Century Cinematic Adaptation of Literature in Indian Cinema- A Reflection on Socio Cultural Aspects	21st Century Cinematic Adaptation of Literature in Indian Cinema- A Reflection on Socio Cultural Aspects
8	Mariya sheema	21st Century Cinematic Adaptation of Literature in Indian Cinema- A Reflection on Socio Cultural Aspects	21st Century Cinematic Adaptation of Literature in Indian Cinema- A Reflection on Socio Cultural Aspects
9	Ruhiya Sultana	Multidiciplinary research-volume.2	NA
10	G Sumalatha	Multidiciplinary research-volume.2	NA
11	Asima Begum	Reimagining marketing in the new normal	NA

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12	V.Anuradha	21st Century Cinematic Adaptation of Literature in Indian Cinema- A Reflection on Socio Cultural Aspects	21st Century Cinematic Adaptation of Literature in Indian Cinema- A Reflection on Socio Cultural Aspects
13	J. Jyothi	Multidiciplinary research-volume.2	NA
14	K Subba Rao	B. Sc. Second Year Physics (Waves and Optics) /chapter 2	NA
15	K Subba Rao	B. Sc. Second Year Physics ( Waves and Optics) /chapter 2	NA
16	Ms. Sonam Thakur	Inclusive Education A Comprehensive Study/ chapter no. 12	Online Gatha The Endless tales
17	Asima Begum	DIGITAL ENTREPRENEURSHIP	DIGITAL ENTREPRENEURSHIP
18	Mariya sheema	The Reflections of Pandemics on Literature, Culture & Society	NA
19	V.Anuradha	The Reflections of Pandemics on Literature, Culture & Society	NA
20	Ruhiya Sultana	Hand book of Marine microbes - The Theraupatic prospective and applications	NA
21	Ruhiya Sultana	Invent Yourself - Its Science	NA
22	Nikhat Fatima	NA	21st Century Cinematic Adaptation of Literature in Indian Cinema- A Reflection on Socio Cultural Aspects
23	Raichur Kalyani	Current Trends in Environment Sciences	NA
24	Ruhiya Sultana	Frontiers in Life Science Vol-II	NA
25	A. Sangeetha	Glimpses of Novel Corona Virus	NA

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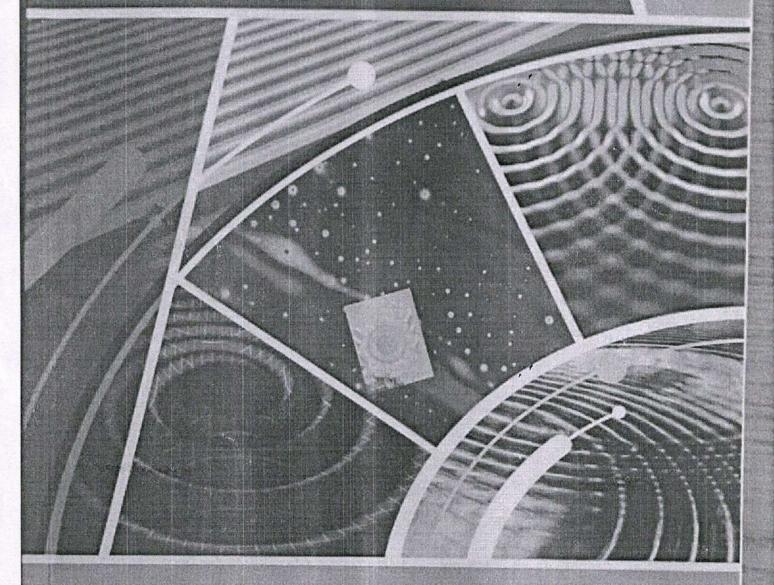
26	Syeda Wajeda Hussaini	Innovative best Practices in 21st Century (Opportunities & Challenges)	NA
27	Asima Begum	Covid-19 Crisis and India	NA
28	Asra Sultana	Contemporary issues in business economics and society vol 1	NA
29	Thakur Neha	Reimagining marketing in the new normal	NA
30	A. Sangeetha		
31	Syeda Wajeda Hussaini	Accounting & Taxation Second Year	NA
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## B.Sc. Second Year Second Tear

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(Semester-IV)
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### AUTHORS

Dr. B. Sanjeeva Rao Associate Professor & Principal (Retd.) Rangasaipeta Warangal

> Dr. E. Rukmini Associate Professor in Physics S.N. Vanita Mahavidyalaya Hyderabad

Sri Kachiraju Subba Rao Associate Professor in Physics S.N. Vanita Mahavidyalaya Hyderabad

### EDITOR

Dr. G. Prasad
Professor of Physics (Retd.)
Department of Physics
Osmania University
Hyderabad



Telugu Akademi Hyderabad

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- M.Sc, B.Ed, Faculty of Botany, Sarojini Naidu VanitaMahavidyalya, Hyderabad, Telangana.
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Keywords: Tinosporacordifolia, Ayurveda, Pharmacology, Herbal drugs.

### INTRODUCTION

Tinosporacordifolia is one of Avurvedic medicine's most widely utilised and uncontroversial medicines. It belongs to Menispermaceae family. It's a woody climbing shrub native to India that's glabrous, succulent, and glabrous. Burma and Sri Lanka are also home to this species. It flourishes in the tropics, growing to vast heights and climbing along the trunks of big trees. The stem is grey or creamy white, spirally and longitudinally split, and dotted with huge rosette-like lenticels in the area between. The wood is white, soft, and porous, and when exposed to air, the freshly cut surface immediately becomes yellow. Simple, alternate, exstipulate, long petiolate, chordate-shaped leaves with multicoated reticulate venation. The branches have long threadlike aerial roots. Flowers are small and unisexual. Male flowers are in clusters, whereas female flowers are solitary. Sepals six in two whorls of three each. Six obovate and membranous petals are grouped in two whorls. The aggregate fruit is red, juicy, and has several drupelets on a strong stalk with scarlet-colored subterminal style scars. Tinosporacordifolia (CordifoliaTinospora) Is a significant substance in Indian medicine and has been used in medicine from the dawn of time. Fevers, diabetes, dyspepsia, jaundice, urinary difficulties, skin illnesses, chronic diarrhoea, and dysentery are all treated with this well-known Indian bitter.



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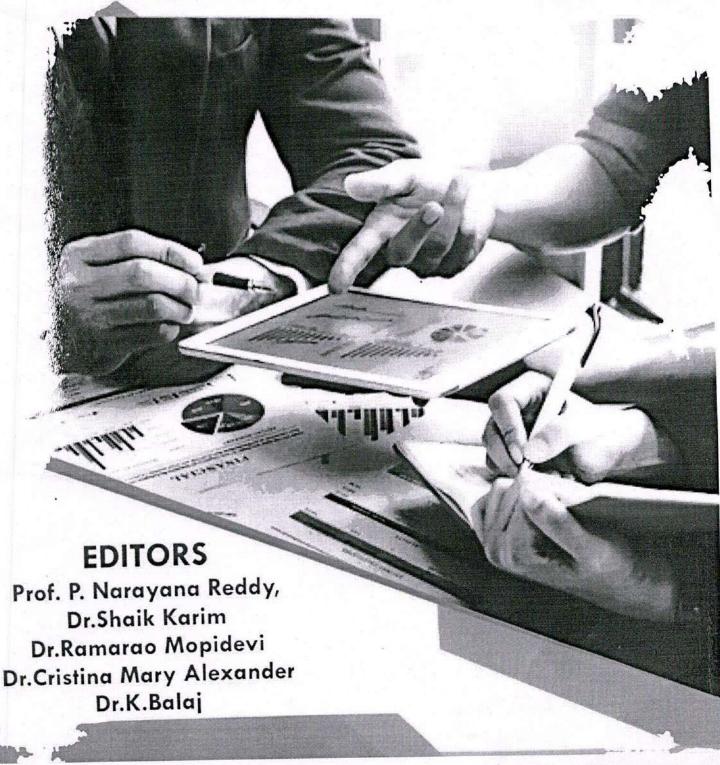
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### Affiliation of Block Chain Technology in Marketing

Ms. Asima Begum<sup>1</sup>, Ms. Neha Thakur<sup>2</sup>

<sup>1</sup>M.Com, <sup>2</sup>MBA, Faculty of Commerce (PG), Sarojini Naidu Vanita Maha Vidyalaya College, Hyderabad, Telangana

### ABSTRACT

Blockchain is one of the most celebrated and promising technologies of the twenty-first century, with the potential to disrupt business models in a wide range of industries, including finance, supply chain management, commerce, health care, and real estate. Blockchain applications, which are based on Distributed Ledger Technology (DLT), offer new solutions to a variety of business concerns, including security, immutability of record keeping, efficiency, and disintermediation, shifting the power balance within the value chain. How does network ownership affect the flow of information? Joining a network gives users with more than just utility; it also provides them with other benefits. This study examines the impact of Blockchain technology on marketing from a variety of perspectives. The article identifies the important techniques that marketers must employ in order to thrive in today's fast changing business environment. Finally, judgments are reached about the future of marketing as a result of technology advancements.

Keywords: Blockchain, Blockchain Technology, Blockchain Applications and Marketing, Network Ownership Effect

### I. Introduction

Marketing and marketing management are inextricably linked. The internet, information technology, and the rise of social media and social networking sites (SNSs) have all changed the way marketers communicate with customers and manage their marketing campaigns in the digital age (Belch and Belch, 2014; Vlahvei and Notta, 2014). Firms, brands, and marketers face a competitive and demanding environment as a result of digital marketing and advertising, as well as the merging of the digital and real world for customers.

The use of blockchain technology could result in even more drastic change in the ways we communicate with customers and manage marketing mix and programmes, redefining the meaning and relevance of holistic marketing. Walmart and IBM NASDAQ have already created and implemented blockchain solutions to manage their operations, which has had an impact on marketing programmes (O'Leary, 2018), while Facebook is in the process of developing its own blockchain-based cryptocurrency system for use within its social media platforms (Andriotis e al., 2019). Despite the importance and potential of this new technology for marketing, research on the subject is still in its early stages (Li et al., 2018) and is mostly focused on financial uses o

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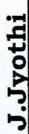
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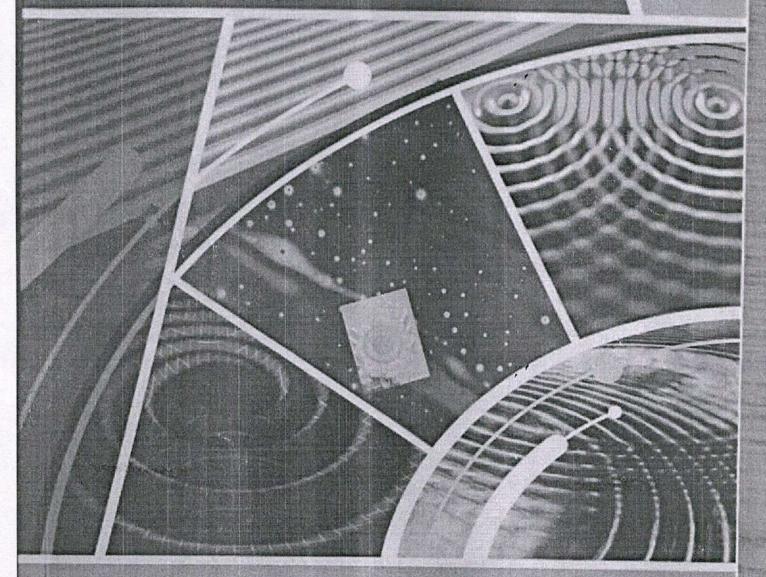
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## B.Sc. Second Year Plays Ics

Waves and Optics

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Telugu Akademi Hyderabad

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(Semester-IV)
Waves and Optics

### AUTHORS

Dr. B. Sanjeeva Rao Associate Professor & Principal (Retd.) Rangasaipeta Warangal

> Dr. E. Rukmini Associate Professor in Physics S.N. Vanita Mahavidyalaya Hyderabad

Sri Kachiraju Subba Rao Associate Professor in Physics S.N. Vanita Mahavidyalaya Hyderabad

### EDITOR

Dr. G. Prasad
Professor of Physics (Retd.)
Department of Physics
Osmania University
Hyderabad



Telugu Akademi Hyderabad

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Dr. M. R. Rajwade. Dr. D. M. Nerkar

## Dr. S. R. Kosambi. Dr. S. S. Waghmare The Reflections of Pandemics on Literature, Culture and Society

Rajwade, Nerkar, Kosambi, Waghmare

Book

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Abstract

Literature always plays a vital role in shaping the nature of man. Life skills are acquired skills through learning or life experiences. It is essential for the survival of man in society. Life skills and literature are studied on a parallel basis. They are often considered as two sides of the same coin. Life skills provide a means to overcome the challenges and deals with day to day stress and problems. It provides a prospect for an individual to shine in every walk of life. It leads to the development of knowledge, attitude and time which leads to the fruitful reward of happiness and peace.

Every piece of literature consists of life skills which are described through plot and characters. The present paper focuses on life skills describe in Anton Chekhov's The Bet. It deals with the survival of man in solitary confinement for fifteen years and

transformation during the confinement.

Keywords: Life skills, Literature, solitary confinement

Introduction

"Write it. Shoot it. Publish it. Crochet it, sauté it, whatever. MAKE." - Joss Whedon

Throughout the ages, literature unlike science and commerce remain evergreen and universal. Man time and again goes back to read the classics of Greek and Roman or revisit the golden age of Shakespeare. A trend has started among the literary scholars and researchers to often compare and contrast earlier writings with present-day circumstances. There is a misconception among less preferable readers that literature consists of emotions, and take them on a ride to world of imagination. It is often read for pleasure or to improve the vocabulary for EFL students Literature teaches more than that. It teaches a skill to survive, to endure the difficult challenges of life. An author who belong to any era always write from his perspective, his story or characters might be

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What is Literature? Why, how, where did it start? For whom does one write? It is one valid concern for how to incorporate potential readers into bookstalls or libraries. To answer these questions Jean-Paul Sartre sees "The books are the noblest, the most ancient of forms; to be sure, we will always have to return to it. What is Literature pp.216-217). It started in the early ages of mankind where man started to transmit his emotions on the walls, then on the skin of animals and palm leaves and finally on the white sheets. A definition as follows for an author is "An ink is dropped on the paper and millions read it." Literature has a history. In the West, the word is used in various languages like literature in French or English, letteratura (Italian), literatura (Spanish). As Jacques Derrida observes in Demeure: Fiction and Testimony, the word literature comes from a Latin stem. It cannot be detached from its Roman-Christian European roots. Literature in the modern sense has taken birth in the European continent and began in the seventeenth century, at the earliest. The word itself does not have the modern meaning. According to the Oxford English Dictionary, the word 'literature' was first used in the current sense only quite recently. A traditional definition of 'literature' includes memoirs, history, collections of letters, learned treatises etc. as well as poems, printed plays and novels,

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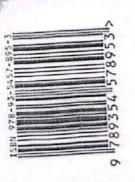
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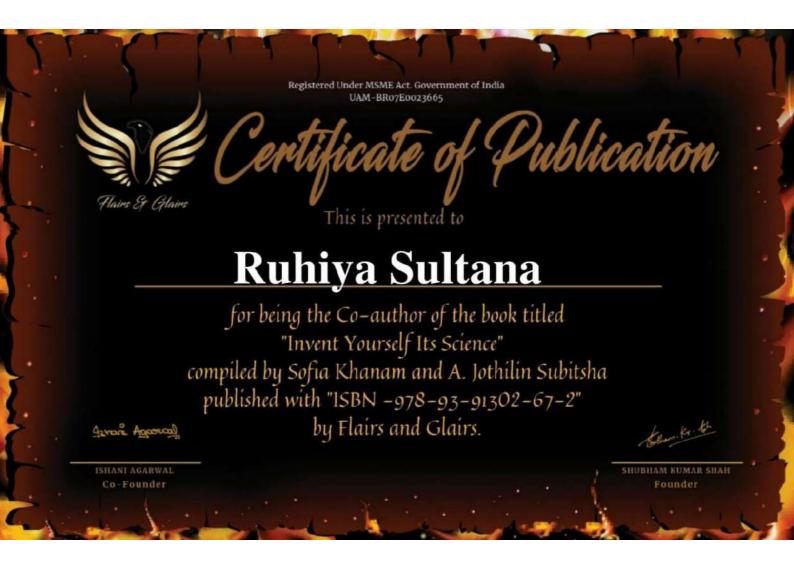
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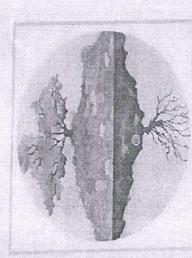
## CLIMATE CHANGE AND IT'S IMPACT ON BIODIVERSITY

Raichur Kalyani

Sarojini Naidu Vanita Maha Vidyalaya, Secunderabad. Email : raichurkalyani16281@gmail.com

hstract

Climate change in our planet, that had been occurring by human niterference population increase, food security, deterioration of soil quality and accumulation of wastes; pollution in the rivers, ground water, ocean etc depletion of biodiversity; growing energy needs, and the changes brought about in the chemistry of the atmosphere, that are for unsustainable development Expansion of human population such people and animals are increasingly coming on conflict over living causes shrinkage of natural habitats.



Climate change One of the most important global environmental problems is the changing climate of world. It is alarming to note that the extrage temperature of the earth's surface has risen by 0.6° C since the late \$30.5° and is expected to increase by another 1.4 to 5.8° C by the year 2100

During the twentieth century, the sea level has risen on an average of 15 to 20 cm and it is expected that it will further rise by 9 to 88 cm by the

The Rio inecting was an important milestone in defining the concept secondary and the leavelopment and Chinate Change Treaty. The Convention on secondary and the Leamework of Principles on Conservation and Use of the change in populary steps, that needed to be taken to guarantee an

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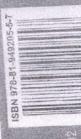
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### IMPACT OF CLIMATE CHANGE ON BIODIVERSITY IN INDIA: REVIEW

Ruhiya Sultana

PG Department of Botany,

Sarojini Naidu Vanita Maha vidyalya,

Hyderabad, Telangana

\*Corresponding authors E-mail: ruhiya2907@gmail.com

### Abstract:

A changing climate has a constant impact on biodiversity. Conditions vary at different rates around the globe, causing biological relationships to reorganize. Climate change and, as a result, biodiversity loss pose a threat to humanity's survival. The anthropological system is under peril from the loss of biodiversity that has been occurring over the planet. India's biodiversity is diverse, and in recent decades, it has been threatened by climate change, which has been hastened by human activities from different sources of pollution. Climate change has emerged as the decade's most pressing environmental issue. Much attention is being paid to lowering carbon emissions and greenhouse gas emissions from the industrial, energy, and transportation sectors by reducing fuel usage and increasing the use of renewable/green energy sources. Climate change is becoming one of the most serious threats to biodiversity, putting more strain on genetic resources, species, and populations. The review shows that climate change is a severe environmental threat that jeopardizes efforts to achieve long-term development. Climate change mitigation strategies include biodiversity protection and sustainable development. Despite the fact that adequate efforts have been made around the world to address environmental concerns, the negative effects of climate change are still growing, and the global rate of biodiversity loss is ongoing.

Keywords: Environmental threat, Biodiversity, Climate change, Renewable sources.

### Introduction:

Significant and long-term changes in a region's climate are referred to as climate change. These changes can take decades or millions of years to occur. Climate change has an impact on entire ecosystems, as well as the plants and animals that dwell within them. All living animals have had to adapt, shift, or die out as the environment has changed over Earth's history. Ecosystems and species can evolve together when these changes occur gradually. A gradual

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### Glimpses of Novel Corona virus (2019-nCoV)

Volume-1

Editors Prof. Pavan Kumar Pindi Dr. Shaga Narayanabharathi Arjun Kumar



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### Impact of Covid - 19 on Migrant Labour's in India

### Asra Sultana Faculty of Commerce (U.G) Sarojini Naidu Vanitha Maha vidayalaya Hyderabad.

### Abstract

This Article Discussed on some of the important issues regarding the effect of epidemics situation on migrant Labour. These impacts are most troubling for low-income household which are less position to cope up with earning losses during pandemics situation and have no alternative earnings and no social security pavailable. Many of the migrant workers have returned to their villages and many available. Many of the lockdown to be lifted. The risk particularly higher for more are just waiting for the lockdown to be lifted. The risk particularly higher for those who are working in un-organized sectors. Lockdown and social distancing those who are drying up jobs and incomes. Whereas they are likely to disrupt measures are drying up jobs and incomes. Whereas they are likely to disrupt agriculture production, transportation system and supply chain. And there is a need to established resilient food system that could be reduced food insecurity and the pressure to return to origin among migrants.

Keywords: Migration Labour force, COVID-19, Lockdown.

### I. Introduction on Migrant Labour

Migration has been a significant part of human history as it has shaped societies and economies due to the intermixing of different cultures. Millions travel from developing to developed countries in the pursuit of economic advantages and better quality of life.

A migrant worker is a person who either migrates within their home country or outside it to pursue work. Migrant workers usually do not have the intension to stay permanently in the country or region in which they work. Migrant workers who work outside their home country are also called foreign workers. They may also be called expatriates or guest worker, especially when they have been sent for or invited to work in the host country before leaving the home country.

The international Labour organization estimated in 2014 there were 232 million international migrants worldwide who were outside their home country for at least 12 months and approximately half of them were estimated to be economically active. Migrant Labour in various forms is found in South Africa, the Middle East, Western Europe, North America, and India. Migrant workers in India are involved mainly in the harvesting of tea, cotton, and rice. In Australia and the southernmost nations of the harvesting of tea, cotton, and rice. In Australia and the southernmost nations of Latin America, migrants work on ranches more often than on farms, performing such tasks as wool shearing and meat processing. Various issues have propped up over the years regarding Labour rights for migrant workers as more and more migrant workers

### COVID-19 Crisis and India

*Editor* Dr. Dhiraj Singh

Head. Department of Education, Modern College of professional Studies, Mohan Nagar, Ghaziahad.

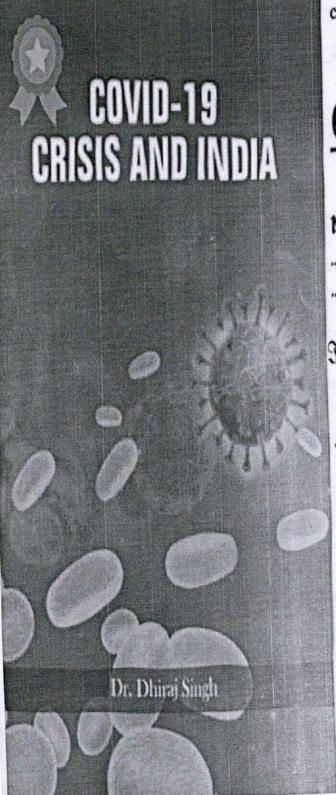


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In recognition of the publication in the Chapter boot entitled "COVID-19 Crisis and India", Edited by "Dr. Dhiraj Singh His/Her Research paper/Article/Chapter's Title WORK-LIFE BALANCE - A CHALLENGE FOR WOMEN

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Dr. Dhiraj Singh

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### Work-Life Balance - A Challenge for Women during Pandemic Time

Asima Begum

### Abstract

Work-life balance is always a challenging task for all employed community, especially for ladies, it is a challenge. Women who opt for the job has the ambition to build up a career. During the pandemic employed women struggle in terms of work pressure, house chores and taking care of the family. They adjusted themselves in playing the dual role of the housewife and an employee who meets the demands of her job.

Working mothers were already shouldering the majority of family care giving responsibilities in the face of a childcare system that is wholly inadequate for a society where most parents work outside the home. Working mothers have taken on more of the resulting childcare responsibilities, and are more frequently reducing their hours or leaving their jobs entirely in response.

Keywords: Work-life balance, Childcare, Challenge, Pandemic.

### Introduction

In this challenging and pandemic situation balancing work life and home life is overwhelming for any working class especially women, because women spending a disproportionate amount of The 强oath of red shine

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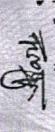
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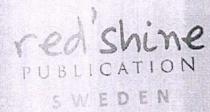
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### HANDMADE PRODUCTS REBOUND BY WOMEN ENTREPRENEUP 3 IN INDIA

Asra Sultana ( ... COM)

### ABSTRACT

Women entrepreneur handmade poducts are gaining more importance in India in the wake of e nomic disruption caused by covID - 19. It is a part of liberaliz and institutional framework for deve providing vocation education and traifor economic empowerment of wome However, women in India constitute one third of the economic plethora of successful business womeand economic fields in India. Gove National Skill Development m Development policy in 2009. The entrepreneurship plays a significant transformation of any Nation. Womclosely linked with entrepreneurship and micro business significantly of Evidence shows that women led entern more women's and hence female multiplier effect in generating community. Women - owned small (SME's) in international trade is also the transformation of institutional ch women empowerment, handmade development, challenges and opportun growth of small and mediumsize hand

n and globalization policy ning entrepreneurial skills, g has widened the horizon interprises. There exists a ntrepreneurs both in social nent of India introduced and National Skill women participation in in the socio-economic vorkforce participation is self- employment, small buting to job creation. s have a tendency to hire repreneurship creates a yments in the wider nedium sized enterprise ing more importance in . This paper focuses on ducts, socio-economic or self-development and products business.

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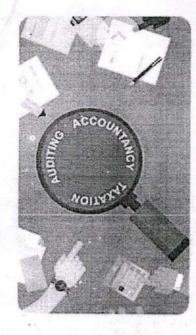
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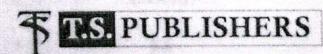
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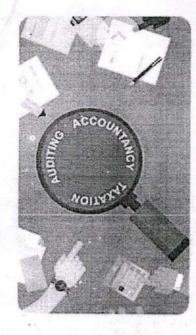
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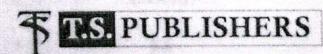
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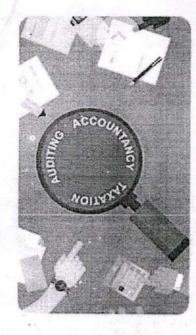
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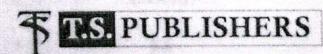
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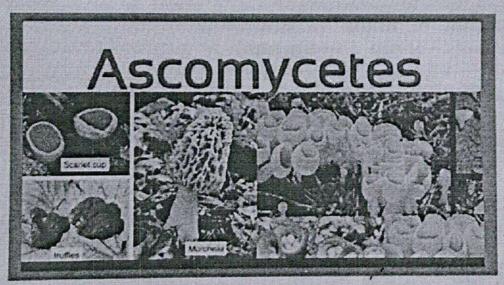
### Chapter - 2

### IMPORTANCE OF ASCOMYCETES

### Raichur Kalyani

Sarojini Naidu Vanita Maha Vidyalaya Lalapet, Vinobhanagar, Secunderabad. Email: raichurkalyani16281@gmail.com

Fungi are very much useful in our day to day life directly or Indirectly Ascomycetes are beneficial to human being. These members are also called Sac-Fungi because of the sac like ascus containing ascospores this is one of the largest group of fungi. Ascomycetes are used in medicine, as food, in other industry and also in agriculture. The study of Ascomycetes is of considerable scientific and economic significance.



### They are important decomposers, to obtain their nutrients

- 1. Ascomecetesin Medicine: Various kinds of fungi are used in the production of various kinds of medicine.
- 2. The most important members are Penicillium notatum, Claviceps purpurea, Saceharo- mycescerevisiae, Aspergillus proliferous etc.
- 3. Ascomycetes in Antibiotic production: Antibiotics are the (a) metabolic product of microorganisms which are active against other microorganism(s).
- 4. Sir Alexander Fleming (1929) was the first who invented the wonder drug Penicillin from Penicillium notatum.

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Dr. Kavita Chahal is presently working as an Assistant Professor in Department of Botany in Government College, Bichhua, Chhindwara, Madhya Pradesh, India. She is an Editorial Board Member of American Journal of Life Sciences; an active IJCRT RMS member (ID: 116866) of International Journal of Créative Research Thoughts; and is a life time member (for delivering lectures and for guiding students) under

Innovation in Science Pursuit for Inspired Research (INSPIRE) Programme by Ministry of Science & Technology, DST, Delhi.She has done her Ph.Dresearch on Studies on immunomodulatory and antioxidant activity of some medicinal plants and their impact on immediate type allergic asthma in MP Council of Science & Technology, Bhopal, and in Jawaharlal Nehru Cancer Hospital & Research Centre, Bhopal. She has 14 research papers, 5 book chapters, and 6 papers proceedings. She is an owner of Summer Fellowship for teachers 2020 by Indian Academy of Science, Bangalore.

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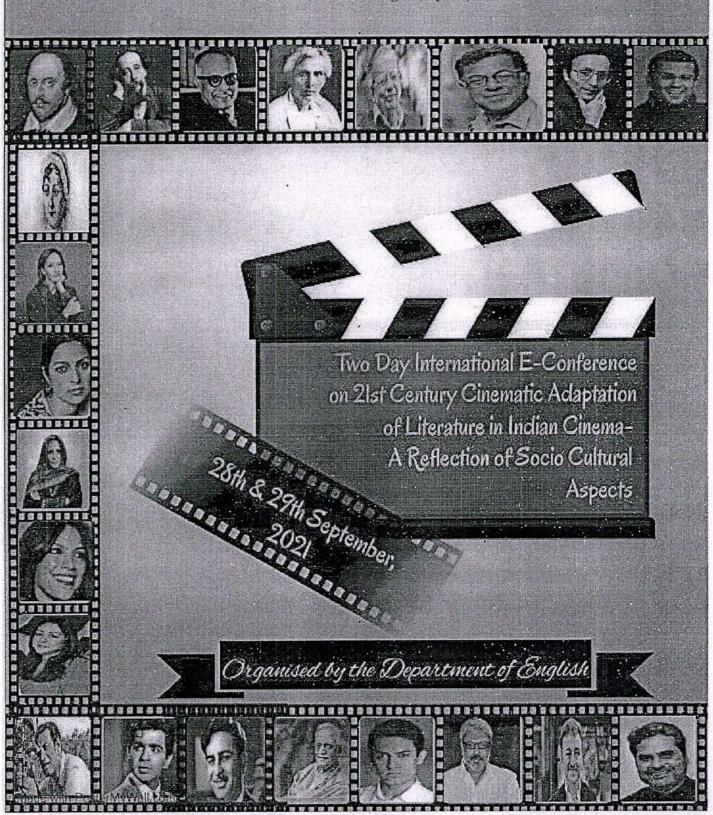
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## MUMBAI AS A CHARACTER IN OTT ADAPTED THRILLER SACRED GAMES

Sana Tabassum

Lecturer of English

Sarojini Naidu Vanita Maha Vidyalaya

Email- sana93tabassum@gmail.com

Contact No. - +918688304820

### ABSTRACT

Literary writings have always been a major source of inspiration for film makers. The adaption of literary texts which earlier appeared in black and white words were later transformed into a visual appeal on the screen. Films satisfy the hunger within the audience for entertainment. With the onset of pandemic, there has been a gradual shift from the traditional mode of entertainment through theatres and cinema to OTT platforms. These latest platforms have been rapidly growing and becoming popular. The traditional mediums like which earlier were sole providers of entertainment, have now been shadowed by the OTT platforms. Anyone with a smartphone and internet connection can easily avail the entertainment services around the world. The popularity of OTT streaming platforms such as Netflix, Amazon Prime, Disney + etc. can be measured by understanding that how film makers from all over the world are contributing their content to these platforms.

This paper aims to study 'Sacred Games', an Indian thriller series that debuted its streaming on Netflix in 2018. The series is an adaptation of a renowned writer Vikram Chandra's 2006 novel Sacred Games. The novel Sacred Games received critical appreciation when released and won the Vodafone Crossword Book Award. Stretching to over 900 pages, Sacred Games unveils the nexus between underworld, politicians, police and Bollywood. The book answers the question of how 'Bombay' became 'Mumbai'. The adapted series on Netflix cradles Saif Ali Khan, Nawazuddin Siddiqui and Radhika Apte in the prominent roles.

KEYWORDS: Adaptation, film making, OTT, Novel, Mumbai

### INTRODUCTION

Cinema is a major source of entertainment and audiences are vital to grasp the content of print, electronic, and digital media. The film makers develop and provide content with their target audience in mind, since they know that it is the audience that makes the content popular and that makes it more likely to be read and shared. Cinema is the important medium to not only entertain but also educate the spectators by proving them valuable information. Cinema portrays different genres like romance, action, thriller, comedy etc. One mode of infotainment through cinema is screen adaptations from literature. Film makers choose novels or literature for two simple reasons; first, they have their own audience. Second, the content is already there; the story just

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# Is hereby Awarding this Certificate to MS. K. Geetha

In recognition of the publication of the chapter

"TRENDY OF EDUCATIONAL TECHNOLOGY"

In the peer-reviewed edited book entitled "EMERGING TRENDS IN MULTIDISCIPLINARY SUBJECTS FOR RESEARCH (VOL-I)", Edited by Dr. Arup Kumar Sarkar, Dr. V. Nirmala Devi, Dr. Rajeev K. Shakya, Dr. Kakali Kundu, Dr. Suvarun Goswami & Dr. Pushpa Mamoria

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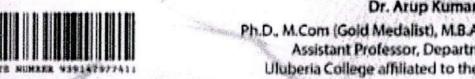
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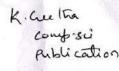
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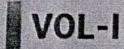
Dr. Arup Kumar Sarkar

Ph.D., M.Com (Gold Medalist), M.B.A. NET (UGC), B.Ed., D.F.A.S. Assistant Professor, Department of Commerce Uluberia College affiliated to the University of Calcutta









# EMERGING TRENDS IN MULTIDISCIPLINARY SUBJECTS FOR RESEARCH

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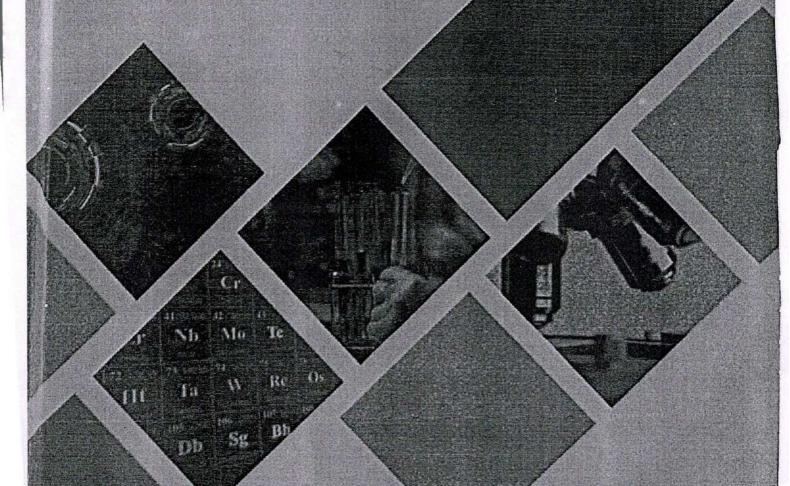
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# TRENDY OF EDUCATIONAL TECHNOLOGY

# MS. K. GEETHA

Leaders can make their mark in the system of education by implementing strategies and methods that will lead to the up. gradation of the institution. The emergence of Big Data, machine learning, and the Internet of Things made 2019 the year of technology trends. However, distance learning became the most prevalent trend. In educational institutions, the use of technology has become a vital part of their operations. This is because students are required to improve their skills in order to complete their assignments and projects.

Keywords: Educational Technology

### Introduction to Educational Technology

In today's world, technology is very important to us. Each day, new gadgets and software are introduced that aim to improve our lives in various ways. However, despite the hype, there are also still many factors that play a role in making our lives easier.

Technology is becoming more important to the education sector. The more it improves, the more students will benefit from it.

Significance of Educational Technology

Technology in the classroom is very beneficial for helping students absorb and understand the information being taught. For EMERGING TRENDS IN MULTIDISCIPLINARY SUBJECTS FOR RESEARCH (VOL-I)

result of the introduction of new technology. These include a lack of clarity on the problem to be solved and policy that most innovators find impenetrable.

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### About the Author(s)



MS. K. Geetha,
Assistant Professor,
Department of Computer Science,
Sarojini Naidu Vanita Maha Vidyalaya

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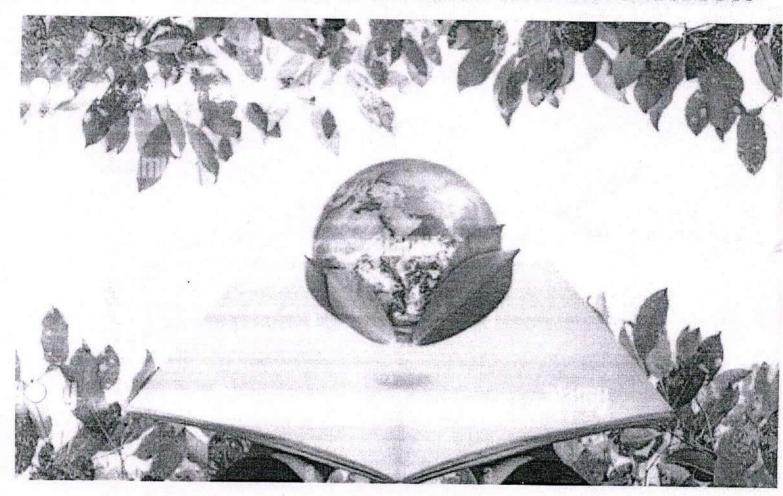
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43	Shaik sumera		B.Tech, Civil	VBIT, Hyderabad	Telangana
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234020	Swetha.	il			T 1
54	Kothapalli	Female	M.Sc Physics	SNV Maha Vidyalaya, Hyd	Telangana
55	Ayesha Jabeen	Female	M.Sc Physics	SNV Maha Vidyalaya, Hyd	Telangana
56	K vaishnavi	Female	M.Sc Physics	SNV Maha Vidyalaya, Hyd	Telangana
57	S Vasudha	Female	M.Sc Botany	SNV Maha Vidyalaya, Hyd	Telangana
58	P Neha	Female	M.Sc Physics	SNV Maha Vidyalaya, Hyd	Telangana
59	Shailaja. S	Female	M.Sc Physics	SNV Maha Vidyalaya, Hyd	Telangana
60	V Lavanya	Female	M.Sc Physics	SNV Maha Vidyalaya, Hyd	Telangana
61	P Priyakiran	Female	M.Sc Zoology	SNV Maha Vidyalaya, Hyd	Telangana
62	Sajida Batool	Female	M.Sc Physics	SNV Maha Vidyalaya, Hyd	Telangana
63	M Niharika	Female	M.Sc Zoology	SNV Maha Vidyalaya, Hyd	Telangana
64	K Subba Rao	Male	Faculty	SNV Maha Vidyalaya, Hyd	Telangana
65	Prem Nihal Raj	Male	B tech	VBIT, Hyderabad	Telangana
-66	Prabha Shukla	Female	Computer Science	SNV Maha Vidyalaya, Hyd	Telangana
67	Swetha Dixit	Female	Computer science	SNV Maha Vidyalaya, Hyd	Telangana
68	V Gnanojwala	Female	M.Sc Botany	SNV Maha Vidyalaya, Hyd	Telangana
69	D Maheshwari	Female	M.Sc Botany	SNV Maha Vidyalaya, Hyd	Telangana
70	G Pranathi	Female	B.Tech, CST	GNITS, Hyderabad	Telangana
71	Deekshitha Banuri	Female	B.Tech FSP	JNAFAU, Hyderabad	Telangana
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78	G Shravani	Female	B.Tech FSP	JNAFAU, Hyderabad	Telangana
70	P chandra obula	· Smale			
79	Reddy	Male	B.Tech FSP	JNAFAU, Hyderabad	Telangana
80	K. Nagasatya	Female	B.Tech FSP	JNAFAU, Hyderabad	Telangana
81	Jajerao Deekshith	Male	B.Tech, Civil	VBIT, Hyderabad	Telangana
82	K Sai sumith	Male	B.Tech, Civil	VBIT, Hyderabad	Telangana

### Carbon Emission in Classrooms - Effects and Measures

Subba Rao Kachiraju<sup>1</sup>, Prabha Shukla<sup>2</sup>, Shweta Dixit<sup>3</sup>

1.Associate Professor in Physics and Electronics, SN Vanita MahaVidyalaya, Hyderabad.

2,3. Assistant Professor in Computer Science, SN Vanita MahaVidyalaya, Hyderabad.

srkachiraju@amail.com.

### Abstract

Higher indoor carbon (CO) concentrations have been linked to poorer work performance, increased health symptoms, and lower perceived air quality. This is due to the correlation of indoor CO with concentrations of other indoor air pollutants, which are also influenced by rates of outdoor-air ventilation. Classes in Schools located in urban area are conducted in closed and ill ventilated classroom. Classroom space has been reduced and hardly can they make subtle seating arrangements in a single class. Most schools are being run in apartments where there is very little availability of fresh air for students. Sometimes Schools near highly polluted areas have to be evacuated due to hazardous air quality and quantity. This paper is to bring awareness among Parents, Teachers and authorities of Carbon Emissions or exposure to CO in a classroom which could affect children health and their cognitive development

### 1. Introduction

The reason for pollution around educational institutions are many and few incidents like farmers cutting down and burn their fields, heavy traffic movements, natural fires in forests, deforestation etc,. As a result, the Air Quality Index (AQI) can attain as much as degrees of 500, inflicting growing soreness as large concentrations of CO fills the air. By taking few measures we can reduce the carbon emissions in the classroom environment.

### 2. CO Levels and its effects on Health

The standard level of CO under 1000ppm(parts per million) is considered as healthy level, with outdoor levels 400 ppm whereas indoor CO levels vary between 420 to 1000ppm. However, if levels rise above 1000 ppm, people might experience symptoms such as drowsiness, restlessness, breathing problem etc.

If the CO level rise above 2000ppm it will lead to discomfort and it will also affect students' performance in class and their mental development. Students may suffer from nausea, poor concentration etc.

Although the level of c02 for indoor classroom is 1000ppm and a classroom with even minimum of 20 students and a teacher with obviously raise the co level it may reach to 3000 ppm.

### 3. Impact of CO Levels on Children's Cognitive Performance

A class room that don't seem to be properly ventilated or airy might have CO levels reaching more than 3000 ppm, when compared to the standard level of 1000 ppm. With high CO level students may experience 80% decrease in cognitive functions.

The following chart is derived from a study that exemplifies how the performance of different decision-making tasks is affected by three levels of CO (600, 1000, and 2500 ppm).

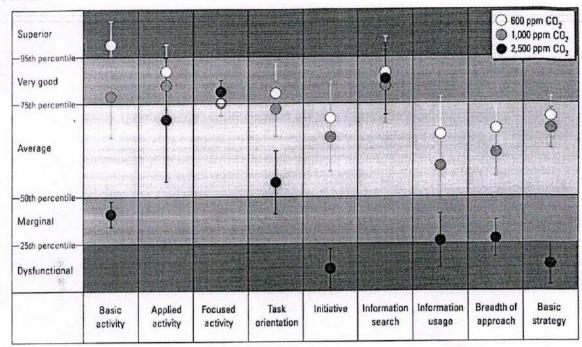


Fig 1.0: Source: https://www.airgradient.com/resources/we-measured-the-co2-level-in-a-classrooms-this-is-what-we-found-out/

The chart indicates that activities performed in 600 and 1000 ppm of CO range from good performance to average (as they reside in the green to light orange regions). However, those performed at 2500 ppm performed significantly worse (most results residing in the orange and red regions). From this we can visualize how increasing levels of CO decreases the student's performance in "Information Usage".

To understand why this particular classroom has such high CO levels, we must look at two factors 1. The classroom design 2. Occupancy

- The classroom is relatively small
- The more CO will be emitted by older students than younger students.
- The classroom is fully occupied without any break from morning to evening and 6 to 7 hours
- No ventilation in the classroom

From these observations, we can implement some solutions to mitigate the classroom's high CO levels.

- 4. Solutions to Mitigate CO Levels
  - Ai Gradient: It is a CO monitor which is used to determine CO levels
  - Ventilation: Never close the doors during the class and give 30 minutes break.

- Outdoor classes: Every College/School should plan at least one class in 6 hours outside the classroom, i.e. in open area.
- Relocate Rooms: Small classrooms should be provided to younger students and older students should be allocated in big classroom because they release higher levels of CO
- Greenery: Very class should have oxygen emitting indoor plants in the class rooms
- Symbols or posters to switch off the lights and fans when not in use to be displayed across the college/school, to bring awareness among students, teachers and other staff members.
- Use Led lights
- Install Solar panels to generate electricity.
- Increase awareness among the students about the hazards of pollution by conducting workshops, seminars, debates.
- Encourage using eco-friendly products and items in day to day use, especially during festivals
- learn the 3 R's: Reduce, Reuse, Recycle

### 5. Conclusion

Instructing students in sustainable development in all sectors, as well as alerting them of the influence that their way of life has on the earth, and efficiency in the use of resources should all be included in School education. Everyone should contribute in raising awareness through conserving energy and water, as well as reducing the use of paper.

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## THE PROBLEM OF 'ADAPTION'OF SHAKESPEARE'S SELECTED PLAYS IN INDIAN CINEMA.

Ms.Saira Siddiqui

M.A, M.Phil.

Faculty of English

Sarojini Naidu Vanita Maha Vidyalaya

saira11siddiqui@gmail.com

Ph:86863772808.

### ABSTRACT

The word 'Adapt' is 'adaptare', a Latin originated word which means 'to make fit'. The adaptation of Shakespeare's plays makes his writing fit for contemporary cultural and political situation. These adaptations do not tamper with the original text, and try to maintain the essential mood of the written text. However, some changes are mandatory such as those of language translation, local setting, and certain other cinematic essentials. The term adaptation itself states that getting into the fundamental idea that the written piece of work tries to present. When adapting a story, the essence of the story is woven into the very treatment of the film. There is no clear way of defining how to conceive an adaptation or how to address the contextual problem that occurs during scripting the film. Adaptation films are one of the categories of genres like action, comedy, romantic, satire, etc. Shakespearean tragedies that have been an everlasting source of inspiration for all filmmakers across the world that's why attracted many to adapt his plays in India Cinema. Indian adaptation of Shakespearean tragedies can be comprehended as a comparison of 'videsi' and 'desi', a synthesis of East and West, and an Oriental and Occidental cultural exchange. Shakespeare's writing & the complexity of his narrative, music, story-telling, and aesthetic sensibility categorizes him as an ace literary craftsman.

This research paper also aims to explore the Indian theatrical phenomenon, laying emphasis on the Indian adaptation of While some attempt to transpose the text exactly and recreate the period on screen, others like Vishal Bharadwaj have their own ways of mixing and matching due to 'Appropriation'. This paper will be based on in depth analysis of the feature 'Maqbool', which is loosely based on the Shakespearean tragedies like 'Macbeth' and 'Haider', another play by Shakespeare, 'Hemlet'The plot, context and the characters of the films will be analyzed and compared with the original text of the plays 'Macbeth' & 'Hamlet' to mark out the adaptation



### MASOOM - ADAPTATION OR MIS-ADAPTATION OF MAN, WOMAN AND CHILD

V. Anuradha, M.A., HDISM, HoD of English & P.G. Director, Sarojini Naidu Vanita Maha Vidyalaya, Osmania University

Contact: 98448333940

Email ID: vemulaanuradha@gmail.com

Mariya Sheema, M.A, B.Ed., faculty of English,

Sarojini Naidu Vanita Maha Vidyalaya, Osmania University

Contact: 8497951736

Email ID: mariyasheema@gmail.com

### **ABSTRACT**

The experience of reading a novel is quite different from watching a film. The difference gears up for translation into film. When a novel is read; time is in the hand of the readers. It is not a chronological experience, where the reader determines his/her pacing, and a reflective experience. Novels, unlike films or plays, communicate all their information through words. The words express much more than story and events, images and characters they express ideas. All of the great novels do not consist of mere story but an idea to be pursued. It is made up of theme which is the significant ingredient of the story. The best films also have strong themes, but in a film, the theme serves the story. It's there to reinforce and dimensionalise the story, not to replace it. A good scene in a film proceeds with the action, reveals character, explores the theme and builds an image. In a novel, one scene or an entire chapter may concentrate on one of those areas.

Literature-to-film adaptations abound in misconceptions about the creation of a novel. Those who study film adaptation do not consider with much depth what goes into making a novel, while they are quite focused on defending the multitude of factors that go into making the film. This paper aims to study the adaptation of film Masoom (1983) directed by Shekar Kapur which is based on the American novel Man, Woman and Child (1983) by Erich Segal. As the novel takes place in America and societal values and conflict of interest to forgive the infidelity and accept the innocent boy. And to determine whether the film is in synchronise with the plot, characters, dialogues and climax of the novel which is produced in India which is opposite in traditional values and customs compared to West.

KEYWORDS: Film, Literature, Adaptation, Mis-adaptation, Values, America, India



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## PEDAGOGICAL ASPECTS IN TAARE ZAMEEN PAR: IMPACT ON EDUCATION

Nikhat Fatima

Jr. Lecturer, Dept of English Sarojini Naidu Vanita Maha Vidyalaya 8978973241

Email ID: markwau@gmail.com

### ABSTRACT

Movies have immense potential in depicting the intricacies of human life. Movies play a major role in touching human lives in great detail. Movies influence all aspects like mankind, culture, traditions and customs in society.

It has become a tendency or a cultural trait of the parents to see their children secure the first position in their academic career and obstacles the children are facing in the learning process without noticing their talent. However, the movie questions and wish to bring a change in the attitudes and practices of teachers, parents, and others involved in education. The study found a faulty teaching system and deformed parenting.

This paper profoundly observes Amir Khan's Taare Zameen Par (Stars on Earth), with a subtitle, Every Child is Special as a timely reminder of a forgotten truth. The movie questions the existing education system and brings a change in pedagogy for children's education that comprises different socio-psychological and individual factors which affect their learning process. The paper provides some constructive suggestions and effective pedagogy for children.

**KEYWORDS:** Children's education, socio-psychological factors, pedagogy for children education, parenting.

### Introduction

In today's world movies play a very significant role in the lives of people. As a result of which the Indian cinema takes considerable effort into making films that inspire people, and also emphasize focus on providing wholesome entertainment. Movies are a powerful form of art for the 21st-century generation. Movies always reflect and affect the way an individual thinks or acts, and in a country where movies have been a huge success since their initial days, their importance in people lives is increasing day by day. Certainly, most of the movies are the reflection of the