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2020-21

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उत्तर भारतीय शास्त्रीय संगीत

भाग 2

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G.M.P. Govt. Girls H.G. College
Meerut

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Meerut

अनुक्रमणिका

प्रथम अध्याय.....9-38

उपशास्त्रीय संगीत की विधाओं में सहायक वाद्यों की भूमिका
का सौन्दर्यात्मक विश्लेषण

उपशास्त्रीय संगीत में लय व ताल की भूमिका

उपशास्त्रीय संगीत में तत् व सुषिर वाद्यों की भूमिका

उपशास्त्रीय संगीत में रस व भाव की दृष्टि से सहायक वाद्यों का
प्रयोग व विश्लेषण

उपशास्त्रीय संगीत में कला पक्ष की दृष्टि से सहायक वाद्यों के
प्रयोग का विश्लेषण

द्वितीय अध्याय.....39-84

सुगम-संगीत की विद्याओं में सहायक वाद्यों की भूमिका का
सौन्दर्यात्मक विश्लेषण

सुगम संगीत में लय व ताल की भूमिका

सुगम संगीत में तत्, सुषिर व धन वाद्यों के प्रयोग का विश्लेषण

सुगम संगीत में इलैक्ट्रॉनिक वाद्यों की भूमिका

सुगम संगीत में रस व भाव की दृष्टि से सहायक वाद्यों के प्रयोग
का विश्लेषण

सुगम संगीत में कला पक्ष की दृष्टि से सहायक वाद्यों के प्रयोग का
विश्लेषण

तृतीय अध्याय.....85-96

निष्कर्ष

सन्दर्भ ग्रन्थ सूची

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गाँधी, गंगा, गौ, गाँव ②

एक अध्ययन

2020-21

Gandhi, Ganga, Gau, Gaon
Ek Adhyayan

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Gandhiji as a Messenger of Spirituality, Love, Truth and Non-violence	235
<i>Anuj Batwara & Dr. Shashi Sharma</i>	
35. Impact of Plastic Waste Pollution on Environment and Human Health	243
<i>Dr. Reema Bishnoi & Avi Choudhary</i>	
36. Swachh Bharat - Ek Kadam Swachhata Ki Ore	256
<i>Dr. Anjali Gupta</i>	
37. Cow Protection Bill and Its Implication in Uttar Pradesh	264
<i>Dr. Avesh Kumar</i>	
38. Gandhiji's Views on Village	272
<i>Dr. Babita Singh & Shweta Chaddha Bhalla</i>	
39. Mahatma Gandhi: His Ideologies of Peace and Love	284
<i>Dr. Poonam Sharma</i>	
40. Emerging Challenges in Solid Waste Management in Indian Cities: With Special Reference to Delhi NCR	293
<i>Dr. Amit Gupta, Bharat Gahlot, Dr. Amit Kumar Singh & Meenakshi Gupta</i>	
41. Gandhian Philosophy: Social Impact and Contemporary Relevance	304
<i>Amar Jyoti</i>	
42. Philosophical Thoughts of Gandhiji in 21st Century	318
<i>Dr. Bhuvnesh Sharma</i>	
43. Relevance of Mahatma Gandhi's Philosophy in Modern World	326
<i>Dr. Vaibhav Sharma</i>	
✓ 44. Gandhian Philosophy towards Rural Development	332
<i>Dr. Rakesh Kumar</i>	
45. Waste Management Urban and Rural Areas in Haryana: An Overview	338
<i>Surinder Singh</i>	
46. Mahatma Gandhi's Philosophy in the 21st Century	345
<i>Dr. Suja George Stanley</i>	

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Gandhian Philosophy towards Rural Development

*Dr. Rakesh Kumar**

Abstract

Gandhi ji followed the path of truth and non-violence throughout in addition; he was a great supporter of rural development. Gandhian philosophy of Khadi and Village Industry is also exhibits his belongingness towards village life. According to him rural development include as maximizing agriculture and allied activities production in the rural areas. It also includes development of small and cottage industries in rural area. Gandhi ji's approach towards rural development was very clear he supports the generation of maximum possible employment opportunities in rural areas, especially for the deprived sections of the community so as to enable them to earn their livelihood and thereby improve their standard of living gradually. This paper is a humble attempt to dive into Gandhi ji philosophy regarding rural development.

Key Words: Rural development, Economic development, Revival of villages, Swadeshi, Untouchably, rural industrialization

Father of nation Gandhi ji and his philosophy of truth and non- violence is well known to each and every person of the world. Mahatma Gandhi was prominently acclaimed as a preacher of truth and non-violence. In addition to follow the path of truth and non-violence he was a great follower of rural life. Gandhian philosophy of Khadi and Village Industry

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3

WOMEN EMPOWERMENT



14. Concept and Dimensions of Empowerment of Women	Dr. Priyanka Kapoor	110
15. Celebration of Womanhood in Nectar in a Sieve	Dr. Manisha Agarwal	122
16. Women as Writers : An Indian Perspective	Dr. Parul Jain	128
17. The Three Generations of Changing Woman in The 'God of Small Things'	Dr. Vandana Sharma	135
18. Role of Woman Entrepreneurs in Empowering Indian Women	Dr. Poonam Sharma	141
19. Economically Empowerment of Women	Dr. Sweety Jain	150
20. Women Empowerment : An Educational Pathway	Dr. Sangeeta Gupta, Dr. Savita Vashishtha	156
✓ 21. A Strategic Approach to Women's Empowerment	Dr. Rakesh Kumar, Dr. Anita Dhall	162
22. Role of E-Commerce in Women Empowerment	Dr. Amardeep Goel	166
23. Culture and Gender	Dr. Pooja Dikshit Joshi	168
24. Women Entrepreneurship in India-Present Status Problem and Prospects	Dr. Archana Singhal	177
25. Role of E-Commerce in Women Empowerment	Dr. Pooja Goel	182
26. The Role of Business in Advancing Women's Empowerment	Dr. Pallavi Garg	186
27. Role of Woman in Contemporary Art	Archana	195
28. Need of Women Empowerment	Miss. Sheena Arora	198

6 • Women Empowerment

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A STRATEGIC APPROACH TO WOMEN'S EMPOWERMENT

Dr. Rakesh Kumar
Dr. Anita Dhall

India is a country with an ancient civilization and a rich cultural heritage spreading over thousands of years. From our Vedas and Upanishads we get the authentic information about women scholars like Gargi, Maitriyee Biswabara. The Hindu scriptures, gave a high position in family, society and state. The wife is considered as "Ardhangini" of the husband, which meant that she constituted one half of the personality of her husband.

Just like it is impossible for a bird to fly with only one wing. Similarly it is meaningless to think about the welfare of the world unless the conditions of women are not being improved. In the present age when we are exploiting the possibilities of life in other planets with the advancement of science and technology to transformation of life whereas it is gross irony of the fact that women are not being considered as equal partners with men in their various sphere of life. The women have to lead a life of deprivations and sufferings and sometimes they become the victims of male bigotry.

Women constitute almost 48 per cent of the total population of India. Their welfare and development has been a matter of great concern. In India the slogan of feminism and gender equality are still distant dreams as the issues related to woman in our country are deemed to be a neglected issue for a long time. This is also none all the more pertinent during this era of globalization since these issues are being sidelined. After the end eight decades of independence and economic development, women are still forced

162 • Women Empowerment

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34. Gandhiji as a Messenger of Spirituality, Love,
Truth and Non-violence 235
Anuj Bawara & Dr. Shashi Sharma
35. Impact of Plastic Waste Pollution on Environment
and Human Health 243
Dr. Recna Bishnoi & Avi Choudhary
36. Swachh Bharat - Ek Kadam Swachhata Ki Ore 256
Dr. Anjali Gupta
37. Cow Protection Bill and Its Implication in
Uttar Pradesh 264
Dr. Avesh Kumar
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Dr. Poonam Sharma
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Indian Cities: With Special Reference to Delhi NCR 293
*Dr. Amit Gupta, Bharat Gahlot,
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Contemporary Relevance 304
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Dr. Bhuvnesh Sharma
- ✓ 43. Relevance of Mahatma Gandhi's Philosophy in
Modern World 326
Dr. Vaibhav Sharma
44. Gandhian Philosophy towards Rural Development 332
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Haryana: An Overview 338
Surinder Singh
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Relevance of Mahatma Gandhi's Philosophy in Modern World

*Dr. Vaibhav Sharma**

Now on 2nd October 2019, we are celebrating the 150th birth anniversary of Mohan Das Karamchand Gandhi, the father of nation and the visionary who led India's freedom movement and introduced the world to the power of satyagraha, nonviolence, and civil obedience that inspired political leader of not only the India, but all over the world. Gandhi as a leader was an allrounder in all fields of human life whether as religious man, traditionalist and revolutionary in the fields of politics. As a reformist, he applied new theory of social and economic revival of India. Gandhi is still relevant after 72 years of independence of India and is still remembered by the 1.25 million peoples of India who born after his death. We pay homage to him calling Mahatma-the great saint and a holy man. As a mahatma he can be revered while being placed in that special category of saints, prophets, and holey man whose lives and actions are highly spiritual.

Gandhi was an innovator in politics. He was not a student of politics, but despite of political book knowledge, he had a considerable understanding of political realities. His role in politics was rather peculiar and relied upon his intuition as well as his constant experiment. He had a wonderful capacity to sense the feelings and views of ordinary people and even

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पंडित दीनदयाल उपाध्याय एवं युवा शक्ति: एक विश्लेषण
Pandit Deendayal Upadhyay and Youth Power: An Analysis
प्रथम संस्करण-2020

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वितरक कुनाल बुक्स

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इस पुस्तक के सर्वाधिकार सुरक्षित हैं। लेखक की लिखित अनुमति के बिना इसके किसी भी अंश को, कोटो कॉपी एवं रिकॉर्डिंग, इलेक्ट्रॉनिक अथवा मशीनी किसी भी माध्यम से, अथवा ज्ञान के संग्रहण एवं पुनः प्रयोग की प्रणाली द्वारा किसी भी रूप में पुनरुत्पादित अथवा संचारित प्रसारित नहीं किया जा सकता।

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Challenges to Ecosystem & Environment
Towards Sustainable Development

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(x)

29. पंडित दीनदयाल उपाध्याय का मानव एकात्मकवाद
प्रमोद कुमार 198
30. पंडित दीनदयाल उपाध्याय जी का युवा पीढ़ी को
संदेश-सकारात्मकता
डॉ. अंजू जैन 208
31. पंडित दीनदयाल उपाध्याय : एक सम्पूर्ण सृजनात्मक व्यक्तित्व
मकज कुमार 211
32. राष्ट्रीय एकीकरण के वाहक : पंडित दीनदयाल उपाध्याय
हिमानी शर्मा 221
33. श्री पंडित दीनदयाल जी की दल-अवधारणा का एक मूल्यांकन
नीरज कुमार एवं जितेन्द्र कुमार 233
34. शिक्षा क्षेत्र एवं पंडित दीनदयाल उपाध्याय के विचार
रूबी 241
35. राजनैतिक, पत्रकारीय सीमा और पंडित दीनदयाल उपाध्याय
के विचार
विकास कुमार एवं मनोज कुमार 249
36. पंडित दीनदयाल उपाध्याय का आर्थिक चिंतन
रंजु नारंग 253
37. एकात्म मानवाद - वर्तमान की आवश्यकता
डॉ. रूपेश त्यागी एवं डॉ. सुमनलता 257
38. पंडित दीनदयाल उपाध्याय के विचार: युवापीढ़ी के
प्रेरणास्रोत
डॉ. गीता चौबे 263

Pandit Deendayal Upadhyay and Youth Power: An Analysis

39. Relevance of Pandit Deendayal Upadhyaya's
thoughts for Building Youth Power in
Contemporary Times
P.K. Chaubey 273

(xi)

40. In The Development of Economic Sector the
View of Pandit Deendayal Upadhyay
Dr. Archana Singhal 286
41. The Political and Economic Philosophy of
Pandit Deendayal Upadhyaya
Dr. Anupa Singh 288
42. Pandit Deendayal Upadhyay: Thinking, Ideology
and Perception
Dr. Kinkun 294
43. Pandit Deendayal Upadhyaya's View on the
Relevance of Vedic Ideals of Education in
Modern University Education System
Dr. Lakshmi Chatterjee 300
44. Pandit Deendayal Upadhyay, a True Nationalist
Dr. Sudha Goyal 311
45. Integral Humanism of Pt. Deen Dayal Upadhyay
Dr. Bhunesh Sharma 316
46. Ways to Integrate Art and Math in Elementary
Classrooms
Surender Singh & Dr. Lovely Puri 327
47. A Review on Integral Humanism: Comparison of
Pt. Deen Dayal Upadhyay and His Counterparts
Dr. Uttam Chand Gautam 336
48. Relevance of Pandit Deendayal Upadhyay's Ideas
in Building Youth Power in Present Day
Dr. Navin Verma & Akhilesh Dwivedi 345

Index 355

Dr. S.P.S. Rana
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S.M.P. Govt. Girls P.G. College
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Be it as it may, there is no sound or serious idea for the world which stands at good harmonious ideas. Modern world is engaged with good and 'unhappy thinking'. Modern world has to be preserved and as well as evil. The factor of 'good' has to be preserved and as well as evil. That said, Idealism has to be preserved from evil at any cost. That said, Idealism has to be mixed up with practicals for the anticipated transformation in the society. Modern Philosophers, Vivekananda, Ramakrishna Paramahansa, E.V. Rameswamy (South Asian Sociologists) tried their best by their 'down to earth' ideals in order bring major transformation. In the series of 'Change Makers,' Upadhyay stands in a unique manner by his unbounded, stubborn and pragmatic ideas.

The Phenomenon of "Fusion" of occidental materialism with oriental spiritualism is a remarkable and unique one in the ideas of Upadhyay. Sarvepalli Radhakrishnan, the then president of India endeavoured to forge a link between orientalism and Occidentalism and to a large extent he succeeded in it.

Socio-Political Ideas

Integral Humanism of Upadhyay has its own nature which aimed at classless, casteless and conflict free social order.

This intellectual born in United Provinces, Mathura District was stubborn and outstanding in studies, who won a plethora of scholarships and awards without the support of his parents since he lost his parents at the age of 8.

Having joined in RSS during his student years, he spent all his time in developing the organization which he belong to. Upadhyay also started monthly magazine "Rashtra Dharma", weekly "Panchjanya" and daily "Swadesh" in which he has exhibited his own ideas which was well received by the people all over India.

all over India".

He is the one among P.G.P who contributed entire ideological framework for N.A.S. (National Socialist Party) after the demise of shyam S.M.P. Govt. G.M.S.P.G. College

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**Pt. Deendayal Upadhyay:
Thinking, Idiocy and Perception**

Dr. Kumkum:

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18

The only thing which cannot be taken from us is our humanity. The only thing which cannot be taken from us is our humanity.

Ideas are more powerful than weapons. The burgeoning ideas from the past, hitherto, made human to lead a comfortable and painless life in the modern era. Ideas and ideologies viz., Capitalism, Communism, Fabians and Liberalism have made drastic changes for the better life of human civilisation. However ideologies such as Nazism, Islamism made turbulent impact upon human community causing untold suffering.

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शोध एवं शिक्षण : गांधीवादी दृष्टिकोण
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आभार

इस आईल नेशनल महिला महाविद्यालय, मेरठ में यूजीसी द्वारा अनुदानित गांधी अध्ययन केन्द्र की ओर से दिनांक 18.12.19 से 24.12.19 तक Research Methodology Interdisciplinary पर सात दिवसीय कार्यशाला का आयोजन किया गया। कार्यशाला में विभिन्न विद्वानों द्वारा शोध के विभिन्न साधनों पर व्याख्यान दिए गए एवं शोध विधियों को व्यापक रूप से समझाने का प्रयास किया गया। जिसकी सफलता के रूप में कुछ शोध पत्र "शोध एवं शिक्षण : गांधीयन दृष्टिकोण" पुस्तक के माध्यम से प्रकाशित किए जा रहे हैं। कार्यशाला का मुख्य उद्देश्य गांधी विचारधारा पर नई खोज करना था।

मैं अपने महाविद्यालय के सचिव श्री दयानन्द गुप्ता जी एवं प्राचार्य डॉ० नीलिमा गुप्ता जी को, जो हम सभी के प्रेरणास्त्रोत एवं सशक्त आधार हैं, का आभार व्यक्त करती हूँ। पुस्तक प्रकाशन की योजना, संकल्प यात्रा की पूर्णता तक प्राचार्य द्वारा प्रदत्त मार्गदर्शन एवं अशुण सहयोग अत्यन्त सराहनीय है। मैं गांधी अध्ययन केन्द्र के सहयोगी सदस्यों का भी वन्दना करना चाहूँगी, जिनका भरपूर सहयोग एवं उचित परामर्श प्राप्त हुआ विशेष रूप से डॉ० कविता गर्ग, अर्थशास्त्र विभाग, डॉ० सपना शर्मा, संस्कृत विभाग, डॉ० दधीता शर्मा एवं डॉ० दिशा दिनेश, चित्रकला विभाग, डॉ० सोनिया गुप्ता, गणित विभाग, डॉ० अलका कुलश्रेष्ठ एवं कु० आर्या, बी०ए० विभाग एवं गांधी अध्ययन केन्द्र के विशेष सहयोगी सदस्य डॉ० बी०एस० यादव, प्राचार्य डॉ०एस० कॉलिज, मेरठ, प्रो० दिनेश कुमार, अर्थशास्त्र विभागाध्यक्ष, चौ० चरणसिंह विश्वविद्यालय, डॉ० दुष्यन्त कुमार, एसोसिएट प्रोफेसर, अमर सिंह कॉलिज, तख्तवाटी, डॉ० नीना बत्रा, विभागाध्यक्षा, आर०जी० पी०जी० कॉलिज, मेरठ, डॉ० एस० पी० सिंह, मेरठ कॉलिज मेरठ, डॉ० जसवीर सिंह, किसान कॉलिज, मबाना, डॉ० एम० एन० अग्रवाल, डॉ० एस० एस० कॉलिज, मेरठ, डॉ० अम्रेज सिंह, एसोसिएट

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S.M.P. Govt. Girls P.G. College
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21. The Mahatma and the Nation (Two Men of Destiny of India) Sandeep Kumar	170
22. Rural Development: A Gandhian Perspective Dr. Garima Chaudhary	158
23. Gandhi as Journalist and His Journalism for Social Development Bevanti Yadav	163
24. Gandhian Influence on Indo-Anglian Literature Dr. Namika	173
25. Relevance of Mahatma Gandhi's Philosophical Thoughts in 21st Century Dr. Lakshmi Chatterjee	180
26. Gandhi Ji Thoughts on Global Environmental Kamkani	189
27. The Utility of Gandhiji's Perspectives on Rural Development in Present Scenario Dr. Ruchi Sharma	194
28. The Impact of Alcohol on Health and Gandhian View: A Sociological Study of Rural Meerut Priya	200
29. Mahatma Gandhi is a Role Model Dr. Archana Singhal	210
30. Relevance of Gandhism in Present Era Dr. Sudha Goyal	215
31. Satyagraha as a Peaceful Method of Conflict Resolution Dr. Praveesh Kumari	220
Index	230

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References

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26

Gandhi Ji Thoughts on Global Environmental

Kumkum*

The rapidly deteriorating global environment has attracted attention of the concerned citizens. The sheer range as well as pace of the global environmental changes are unprecedented in human history. It has posed challenge for the healthy survival of all the species on this planet.

The advent of globalization and liberalization has enabled MNCs (Multi-National Companies) to get footholds in most countries in the world. This has had adverse effects on small industries and local domestic markets of indigenous products. Due to urbanization and industrialization village and cottage industries have suffered badly. They have lost the market to growing clout of MNCs. Of course, tremendous progress in the fields of science and technology has revolutionized the standards of living and quality of life. But it is to be remembered that heavy price is being paid in turn. Big companies do not follow the safety norms in the developing countries like India which they have to follow in developed countries, and cause pollutions of all kinds.

Exploitation and damage to environment by developed countries through their profligate lifestyle and wasteful patterns of consumption have been the key topics of the global environmental negotiations today.

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Xin 37

7

Covid-19:

Impact, Challenges and Implications in India

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Contents

Preface

Section I Covid-19: History

1 Dr. Sandesh Haider
Covid-19: History of Pandemics 2

Section II Education

2 Dr. Supreet Kaur and Yashpreet Kaur
An Analysis of Student's Perception towards Online Learning and Covid-19 10

3 D.B. Shanmugam and Dr. J. Dhilippan
Impact of Covid-19 on Teaching-Learning Process 22

4 Arvind Mohan Painuly and Reena Purohit
E-Learning Covid-19 Pandemic: Impact in Education 37

5 Dr. Meena Kumari
E-Learning Covid-19 Pandemic: Impact in Education 45

6 Manish Pal
Covid-19: Turning Challenges to Opportunities in Education 69

7 Dr. Ravikumar R. Vidule, Jyoti M. Weldode and
Shilpa S. Sawalukhe
Impact of Covid-19 on Teaching Learning Process in India 82

8 Ashok K. Sharma
E-Learning Covid-19 Pandemic: The Impact of Covid-19 on Education
A Special Reference of Covid-19 96

9 Dr. Nuanjana Sharma and Sparsh Sharma
Impact of Covid-19 on Education System in India
A Review 104

10 Dr. Suresh Chand and Akshat Raghunath Dasksh
Covid-19 Impact on Education in India 107

11 Dr. Suminder Verma
Impact of Covid-19 on Teaching Learning Process 120

12 Ranjanbala Gohil
Impact of Covid-19 on Teaching and Learning Process 126

13 Dr. Seema Kumari
Impact of Covid-19 on Teaching-Learning Process 142

14 Mrs. Alka Rani
Impact of Covid-19 on Higher Education in India 148

15 Dr. Garima Pandir
Covid-19 Pandemic and Lockdown Role and
Importance of E-Learning 164

16 Madhuri Kohli
Covid-19 Impact and Opportunities created for
Education Sector in India 170

Section III

Dr. Indira Beddanna
NAAC Coordinator

17 Monica and Dr. S.M. Sanyal
Covid-19 Related Issue and Challenges of Indian
Economy 183

Section IV Agriculture Sector

19. **Amit Kumar and Payal Chaudhary**
Covid-19's Impact on Agriculture Sector 190
20. **Dr. Seema Rani**
Effect of Pandemic (COVID-19) on Rural Areas and Farmers: in Indian Perspective 196
21. **S. Gowri and Dr. K. Deepalakshmi**
Impacts of COVID-19 on Farmers in India 204

Section V Consumer Behaviour

22. **Shakshi Chawla and Jyoti Rani**
Impact of COVID-19 on Consumer Behaviour 222

Section VI Social Economic Impact

23. **Dr. Pushpinder Kumari**
Socio Economic Impact of Covid-19 on India 237
24. **Dr. Nitu Maan**
Socio-Economic Impact of Covid-19 250
25. **Dr. Pradeep Kumar**
Impact of Covid-19 on Socio Economic Relationship on among Castes in Rural Area 263
26. **Dr. Amandeep**
Perspectives on Dalit Social Exclusion during Covid-19 273
27. **Dr. Harshi Khanduri**
Effect of Covid-19 on the Economic Condition of Indian Society 280

28. **Dr. Rajni Gusain**
Socio-Economic Impact of COVID-19 Pandemic in India 288

Section VII Migration

29. **Dr. Neelam Pramod**
Reverse Migration in the Age of Covid-19 294

Section VIII Tourism

30. **Ms. Ajanta Kulja Hazarika and Mr. Himujal Kumar Roy**
"COVID-19 (SARS-CoV-2) and Its Impact on Grass-Root Tourism Stakeholder" 303
31. **Radha Priya**
Impact of Covid 19: Travel and Tourism 322

Section IX Women's Group

32. **K. Archana**
Women's Self-Help Groups Combat the Covid-19 334

Section X Health & Nutrition

33. **Dr. Pooja Paliwal**
COVID-19 and Mental Health in India 349
34. **Alka Tomar**
Psychological Impact of Covid-19 361
35. **Dr. Uday Pal Singh**
Corona and Indian Lifestyle: A Sociological Study 374



डॉ० निशा सिंह, वर्तमान में मोहननगर गाजियाबाद स्थित महाविद्यालय मॉडर्न कॉलेज ऑफ प्रोफेशनल स्टडीज में प्राचार्या। हिंदी साहित्य में डॉ० भीम राव अम्बेडकर विश्वविद्यालय, आगरा से एमफिल, पीएचडी। एम०एड०, पीएचडी० (शिक्षा शास्त्र), आगरा विश्वविद्यालय से। 20 वर्षों से अधिक शैक्षणिक व प्रशासनिक अनुभव। 4 बीएड पाठ्यक्रम की पुस्तकें, 22 से अधिक शोधपत्रों तथा अनेक पुस्तकों में अध्यायों का लेखन कार्य।

प्रधान संपादक अंतर्राष्ट्रीय रेकीड जर्नल एक्सप्रेशन। अनेक संगोष्ठियों एवं कार्यशालाओं का सफल आयोजन। अनेक संगोष्ठियों में विषय विशेषज्ञ के तौर पर व्याख्यान। अनेक विश्वविद्यालयों की परीक्षाओं हेतु प्रश्न पत्रों का निर्माण। NCATE की विजिटिंग टीम की पूर्व सम्मानित सदस्य। वर्तमान में अनेक शैक्षणिक संगठनों की सक्रिय सम्मानित सदस्य। आपने में 4 शोधार्थियों का शोध कार्य हेतु सफलतापूर्वक निर्देशन। सामाजिक कार्यों विशेष कर पर्यावरण जागरूकता एवं महिला सशक्तिकरण के क्षेत्र में सदा सक्रिय सहभागिता। अनेक सामाजिक संस्थाओं द्वारा सम्मानित। स्वयंसेवी संगठन - अमृत मंथन वेलफेयर सोसाइटी का संघालन। सतत व सक्रिय रूप से अध्यापन-अध्ययन और लेखन-पठन कार्य में संलग्न।



धीरज सिंह, एम०एच० गणित, एम०एच० हिंदी साहित्य, एमएड, पीएचडी० (शिक्षा शास्त्र), यू०जीसी० नेट (शिक्षा शास्त्र)। शिक्षण अनुभव -15 वर्षों से अधिक शिक्षण-प्रशिक्षण पाठ्यक्रमों में। वर्तमान में मॉडर्न कॉलेज ऑफ प्रोफेशनल स्टडीज मोहन नगर गाजियाबाद में शिक्षाविभाग में विभागाध्यक्ष के पद पर कार्यरत।

उपलब्धियाँ - 20 से अधिक शोध पत्र विभिन्न प्रतिष्ठित राष्ट्रीय एवं अंतर्राष्ट्रीय शोध पत्र-पत्रिकाओं में प्रकाशित। बीएड, व डीएलएड पाठ्यक्रम से सम्बंधित 3 पुस्तकें। 'दीनदयाल शोध संस्थान और गांधी दर्शन एक मूल्यांकन' शीर्षक से एक अन्य पुस्तक प्रकाशित। विद्या प्रकाशन मंदिर मेरठ द्वारा गणित, जैव विज्ञान एवं पदार्थ विज्ञान की पाठयोजना पुस्तक प्रकाशित। विद्या प्रकाशन मंदिर मेरठ द्वारा बीएड पाठ्यक्रम हेतु प्रकाशित विद्या क्लेयन बूक का संपादन। 8 से अधिक पाठ या आलेख सम्पादित पुस्तकों में प्रकाशित। 'दीनदयाल वैचारिकी: विविध आयाम' शीर्षक से एक पुस्तक का सहसम्पादन। दिल्ली विश्वविद्यालय के अंतर्गत CPDME में आयोजित रेकार कोर्स में सहभागिता। कई संगोष्ठियों का सफल आयोजन। कानपुर विश्वविद्यालय के अंतर्गत संचालित पीएचडी० कोर्स वर्क में शोध अभिरुचि से जुड़े विषयों पर अतिथि व्याख्यान।



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13. डॉ. अनीता, असिस्टेंट प्रोफेसर, न्यू ऐरा कॉलेज ऑफ साइंस एण्ड टेक्नोलॉजी गाजियाबाद।
14. डॉ. प्रवीण कुमार न. चौगुले, सहायक प्राध्यापक, हिंदी विभाग, श्रीमती कस्तुरबाई बालवंद महाविद्यालय, सांगली, महाराष्ट्र।
15. डॉ. संजय कुमार स्वर्णकार, असिस्टेंट प्रोफेसर, शिक्षक शिक्षा विभाग, उदय प्रताप कॉलेज वाराणसी।
16. प्रो. रामसेवकराम भगत, सहायक प्राध्यापक (इतिहास), शासकीय श्याम प्रसाद मुखर्जी महाविद्यालय सीतापुर, जिला सरगुजा (छ.ग.)।
17. डॉ. प्रगति दिनेश नरखेडकर, सहयोगी प्राध्यापक, एस. आर. एम. समाजकार्य महाविद्यालय चंद्रपुर (महाराष्ट्र)।
18. डॉ. सपना रत्न, असिस्टेंट प्रोफेसर, एजक्यूशन डिपार्टमेंट, मेवाड़ इन्स्टीट्यूट ऑफ मैनेजमेंट, गाजियाबाद।
19. डॉ. सुषमा वर्मा, सहायक अध्यापक, पूर्व माध्यमिक विद्यालय मंचितपुर।
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23. कुमार सुविद्य धारवाडकर, (शोधकर्ता) पार्वतीबाई चौगुले कला एवं विज्ञान महाविद्यालय (स्वायत्त) मडगांव गोवा-भारत।
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26. गीनिका, शोधार्थी, हिन्दी विभाग, डी० जे० कॉलेज, वडोदा।
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29. कमलेश, एम०फिल० छात्र, महात्माजी कानून कालेज फार मल्होतपुर।

30. कंचन लता, एम एड छात्रा मॉडर्न कॉलेज ऑफ प्रोफेशनल स्टडीज, मोहन नगर, गाजियाबाद।
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Gandhi requires no introduction because of his invaluable role in the national liberation movement of India .it was he who gave us the strength of non-violent activities, engaging them to creating the mighty empire of the world, ultimately through the efforts of long time in England and South Africa, so his thinking has left its western culture also. On side he supported the aims without system and on other side he modified them according to Gandhi became immortal. So who was Gandhi? Gandhi was of his own. He transcended all classifications of time and space, ethnic reasoning. He was a universe that was essentially spiritual and scientific at the same time. If the human spirit is one, it cannot be divided in any artificial division and classifications. Einstein said that he paid his homage to the Mahatma on his death in terms of his personality in totality.

He was a creative man, creating history for himself and for his fellow. He was the most complex thinker and a unique

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महात्मा गांधी

को वैचारिक आधार पर वर्तमान में
अपनी प्रवृत्तिकादि



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26	महात्मा गाँधी और भारतीय शिक्षा प्रणाली —सदीप कुमार	157
27	महात्मा गाँधी का सामाजिक चिन्तन —कमलेश	165
28	महात्मा गाँधी की समराज्य की परिकल्पना —कचन लता	171
29	Mahatma Gandhi's Educational Ideology - Its Relevance in The Present Scenario —Dr. Meena Bhandari	179
30	Mahatma Gandhi ji ki Shiksha Niti —Dr. Santosh Sharma	186
31	Gandhi's Contribution in the Fight Against Untouchability —Dr. Santosh Kumari	193
32	Pandemic and Resurgence of Mahatma Gandhi Philosophy —Dr. Anita	196
33	Education Philosophy of Mahatma Gandhi —Dr. Rekha Sharma	201
34	Moral value Education of Mahatma Gandhi —Dr. Bhavna Singh	206
35	Nai Talim: A Lifelong, Creative and Innovative Process —Dr. Kiran Joshi	212
36	Trusteeship Concept as A Spiritual Economy of Humanity and Mahatma Gandhi —Dr. Vinita M Chaudhary	218
37	Gandhian Principle in Context of Global Peace —Dr. Reena Agarwal	226
38	Mahatma Gandhi and National Movements —Anuradha Singh	233
39	Back to Gandhian Philosophy: Need of The Hour —Amar Jyoti	239
40	The Relevance of The Mahatma Gandhi's ideas related to Sarvodaya and village development —Ms. Garima Bansal, Ms. Neha Bansal	244

Dr. S.P.S. Rana
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34

MORAL VALUE EDUCATION OF MAHATMA GANDHIJI

Dr. Bhavna Singh

Everyone knows that life is precious – that life is important. We all protect our life because we care for it more than anything else. If life is so important, the moral values of life are even more important. Moral Values are guiding principles, or standards of behavior which are regarded desirable, important and held in high esteem by a particular society in which a person lives. The importance of Moral Values are the code we live by in a civilized society. They are what we use to guide our interactions with others, with our friends and family, in our businesses and professional behavior. Our moral values are a reflection of our spirituality; our character. They are what we hope to model for our children and the children around us, because children do watch us as they develop their own sense of right and wrong.

CONCEPT OF MORAL VALUES & VALUE EDUCATION -

Values are set of principles or standard behavioral patterns. The word value is derived from the Latin root, "Valere" meaning to be strong and vigorous. 'To be of value' is to have a certain virtue. Thus, the literary meaning of value is something that has a price, something that is precious, dear and worthwhile; something one is ready to suffer for and sacrifice for. Values give meaning and strength to the person's character by occupying centre space in his life. They are guiding principles to life and are conducive to all round development. Values permeate the whole of human existence and are a major factor in determining what sort of human beings they are and how they will

behave. Values in their nascent stage appear as needs, emotions and interests varying in specificity, intensity and depth. When these acquire certain definiteness, intensity and stability in the affective life of the individual and at the same time obtain objective social approval and validation these comprise the nuclei of value formation. Moral Value education means inculcating in students' a sense of humanism, a deep concern of well-being of individuals and society as a whole. This task can be accomplished only when inculcation of values is school and higher levels of education towards commitment of values is undertaken. Moral Value education aims at teaching students preserve, whatever worthwhile we have inherited from our culture and develop social, moral aesthetic values, which are often overlooked in formal education. Value education discards imposition and indoctrination. Moral Value education aims at transformation of corrupted mind to positive thinking individuals, a mind with higher capacity to perceive dynamism and capable of higher level of sensitivity.

MORAL VALUE EDUCATION: NEED OF THE HOUR -

Due to death of values in the present generation the curriculum must give prominence to value education. Value education has never been out of style. It is very relevant in almost all the fields concerning human activity. We have outstanding doctors, who are in to organ robbery, brilliant engineers whose bridges collapses soon after their bills are passed accountants who rob government treasury by manipulation, civil servants who rule as emperors, politicians with fake promises. All of them are the best educated and trained but their intellectual dishonesty is horrifying. Hence, the need of development of moral values is very significant. Explaining the meaning of genuine education Mahatma Gandhi says, "Genuine education does not consist of cramming a lot of information and numbers in mind. Nor it lies in passing the examination by reading a number of books, but it lies in developing character. It is a real education which inculcates internal virtues (Moral values) in human beings. If you can develop such virtues, it will be the best education". He emphasized the training of the Hand, Heart and Head, overarched by the values of Truth, Non-violence, Self-control, Conscientiousness and Renunciation, as also equal respect towards all religion and life of simplicity that aims at reconstruction and reform of rural, social, political organizations based on equality, empowerment of the weak and the oppressed, decentralization and brotherhood. According to the concept of Moral value education giving by great Indian thinkers like Gandhiji, Gurudev Tagore, Dr. Radhakrishnan, Mahatma, Arvind, Swami Vivekanand and the values presented by the National Education commission and NEP 1986, it is made clear that moral value education means -

- Morality, equanimity, sympathy and **different development education.**
- Education of development of virtues **Non-violence, simplicity, freedom, laboriousness, aesthetic sense etc.**

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10
गाँधी, गंगा, गौ, गाँव

एक अध्ययन

Gandhi, Ganga, Gau, Gaon

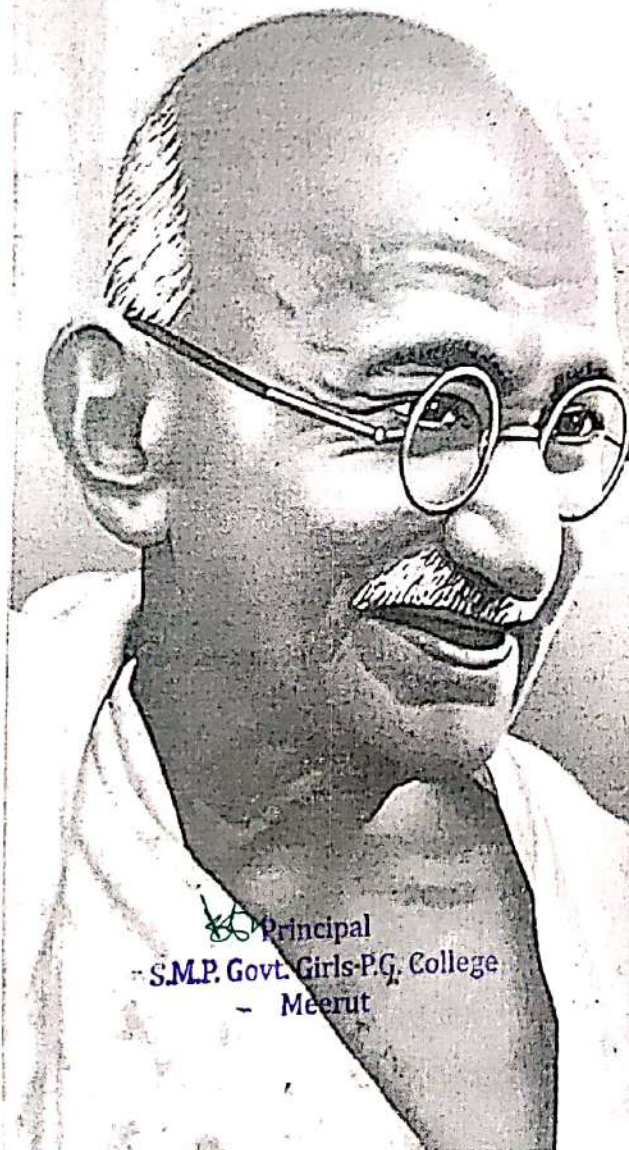
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34. Gandhiji as a Messenger of Spirituality, Love,
Truth and Non-violence 235
Anuj Batwara & Dr. Shashli Sharma
35. Impact of Plastic Waste Pollution on Environment
and Human Health 243
Dr. Reena Bishnoi & Avi Choudhary
36. Swachh Bharat - Ek Kadam Swachhata Ki Ore 256
Dr. Anjali Gupta
37. Cow Protection Bill and Its Implication in
Uttar Pradesh 264
Dr. Avesh Kumar
38. Gandhiji's Views on Village 272
Dr. Babita Singh & Shweta Chaddha Bhalla
39. Mahatma Gandhi: His Ideologies of Peace and Love 284
Dr. Poonam Sharma
40. Emerging Challenges in Solid Waste Management in
Indian Cities: With Special Reference to Delhi NCR 293
*Dr. Amit Gupta, Bharat Gahlot,
Dr. Amit Kumar Singh & Meenakshi Gupta*
41. Gandhian Philosophy: Social Impact and
Contemporary Relevance 304
Amar Jyoti
42. Philosophical Thoughts of Gandhiji in 21st Century 318
Dr. Bhuvnesh Sharma
43. Relevance of Mahatma Gandhi's Philosophy in
Modern World 326
Dr. Vaibhav Sharma
44. Gandhian Philosophy towards Rural Development 332
Dr. Rakesh Kumar
45. Waste Management Urban and Rural Areas in
Haryana: An Overview 338
Surinder Singh
46. Mahatma Gandhi's Philosophy in the 21st Century 345
Dr. Suja George Stanley

37

Cow Protection Bill and Its Implication in Uttar Pradesh

Dr. Avesh Kumar*

Abstract

From ancient time India is a land of various religions. There are different types of community, religions and castes. All communities, religions and castes have their own tradition and ritual. In Hindu religion Cow is very holy animal and many followers of Hindu religions worship the cow and called them as CAUMATA.

Introduction

The cow and its progeny is very important in the agricultural and rural economy of the country. There are so many uses of cow and its progeny in the rural life of India. According to Hindu Shashtra Cow is an animal of Heaven and her all things (milk, dung, urine, and etc.) have their own value. There are no any wastage with her. The Government felt that it was necessary to formulate measures for their development in all possible ways. In view of the persistent demands for action to be taken to prevent their slaughter, the Government also felt the need to review the relevant laws of the land relating to protection, preservation, development and well-being of cattle and to take measures to secure the cattle wealth of India.

* Assistant Professor, Faculty of Commerce, Shaheed Manoj Prasad Sarwanan College P.O. College Meerut (U.P.)

Importance of Cow

Millions of Hindus revere and worship cows. Hinduism is a religion that raises the status of Mother to the level of Goddess. Therefore, the cow is considered a sacred animal, as it provides us life sustaining milk. The cow is a symbol of the divine bounty of earth. Throughout the Vedic scriptures there are verses which emphasize that the cow must be protected and cared for. It is considered a sin to kill a cow and eat its meat. Ayurveda is a big proponent of the *sattvic* qualities of milk and dairy products. That is why most Hindus are vegetarian, but not vegan. Fresh, organic milk, yogurt, buttermilk, paneer (homemade cheese) and ghee, are all considered highly nutritious, and an important part of the diet. Not only do these dairy products provide important protein and calcium for our tissues, but are sources of *Ojas*, which gives our body strength and immunity. Besides their milk, cows also provide many practical purposes, and are considered a real blessing to the rural community. On the farm, bulls are used to plough the fields and as a means of transportation of goods. Even Lord Shiva's trusted vehicle is *Nandi* - the sacred bull. Cow dung is saved and used for fuel, as it is high in methane, and can generate heat and electricity. Many village homes are plastered with a mud/cow dung mixture, which insulates the walls and floors from extreme hot and cold temperatures. Cow dung is also rich in minerals, and makes an excellent fertilizer. There is a big organic farming movement in India to return to ancient methods of utilizing cow dung to re-mineralize the depleted soil.

Need of Cow Protection

- Cow protection is important because they give calcium rich milk to us. Dairy products obtained from cow has almost nil cholesterol and in fact the ghee obtained from cow's milk acts as natural preservative.
- In earlier times, people use cow dung to keep their house because cow dung doesn't stink and keeps the floor from your house. Not only ~~MP Govt~~ Govt, cow dung keeps the

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Contents

	Section-A	1 - 2
	Pollution by Population	
1.	Population and Pollution : In The Context of Agra City <i>Ms. Neeta Varun</i>	3 - 6
2.	Increasing Pollution caused by Increasing Population <i>Dr. Rakesh Kumar</i>	7 - 14
3.	Pollution and Industrialization <i>Dr. Ashish Tejasvi and Mr. Nishant Vashistha</i>	15 - 18
4.	Source, Effects and Control of Noise Pollution <i>Mr. Jitendra Kumar</i>	19 - 22
5.	Atmospheric Pollution and Climatic Changes by Iodine and Iodine Oxide Particles (Iop's) <i>Mr. Roshan Lal</i>	23 - 29
6.	Plastic : Advantages and Disadvantages <i>Dr. Satendra kumar</i>	30 - 34
	Section-B	35 - 36
	Impact of Pollution on Environment and Human health	
7.	Impact of Pollution on Population <i>Dr. Neelam Soni</i>	37 - 42
8.	Impact of Population Explosion on Environment <i>Dr. Arvind Kumar</i>	43 - 46
9.	Impact of Pollution and Population Growth in our Environment and Life <i>Dr. Sharad Pawar</i>	47 - 50
10.	Environmental Worsened by Growing Urbanization <i>Dr. Pravesh Kumar</i>	51 - 56
11.	Impact of Air Pollution on Population and Human Health <i>Dr. Archana</i>	57 - 69
12.	Exposure to Municipal Waste in Developing Countries : Review of Health Risk Assessments <i>Dr. Fauzia Khan</i>	70 - 79
13.	A Study on Environmental Pollution, Causes and Impact on Humans <i>Dr. Sakshi Chaudhary</i>	80 - 85
14.	Health Impact of Environmental Exposure to Heavy Metals - <i>Dr. S. S. Singh</i> <i>Dr. Qazir Aziz</i>	86 - 94

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ATMOSPHERIC POLLUTION AND CLIMATIC CHANGES BY IODINE AND IODINEOXIDE PARTICLES (IOP's)

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Assistant Professor

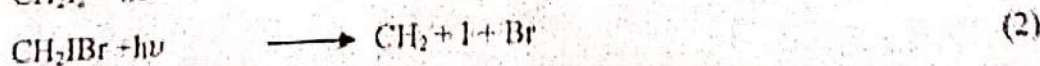
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Shaheed Mangal Pandey Govt. Girls P.G. College Madhav Puram, Meerut. U.P.

Introduction

Iodine plays a significant role for both man and environment. Iodine is an essential trace element in the endocrine system, necessary for the production of hormones triiodothyronine (T_3) and thyroxine (T_4) in thyroid gland. The Primary source of iodine is marine flora, with microalgae (Phytoplankton and cyanobacteria) in open ocean and microalgae (Seaweed) in coastal areas releasing a range of gas-phase iodine-containing organic species, including methyl iodide (CH_3I) diiodomethane (CH_2I_2) and molecular iodine (I_2) to the atmosphere^{1,2}. The impact of Iodine on environment and human beings in the following ways.

1. **Depletion of Ozone layer** – Iodine influences the oxidizing capacity of the atmosphere and ultimately remove the large variety of organic and inorganic species of Iodine. This occurs through the catalytic destruction of ozone^{3,4}, and changes to the important radical species (particularly hydroxyl (OH)) which control the oxidizing chemistry^{1,3}. The iodine compounds like CH_3I , CH_2I_2 or I_2 photo dissociate rapidly in the atmosphere to generate iodine atoms, e.g.:



Iodine atoms produces in this way destruct the ozone layer via a number of catalytic process such as –

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गाँधी, गंगा, गौ, गाँव

एक अध्ययन

Gandhi, Ganga, Gau, Gaon

Ek Adhyayan

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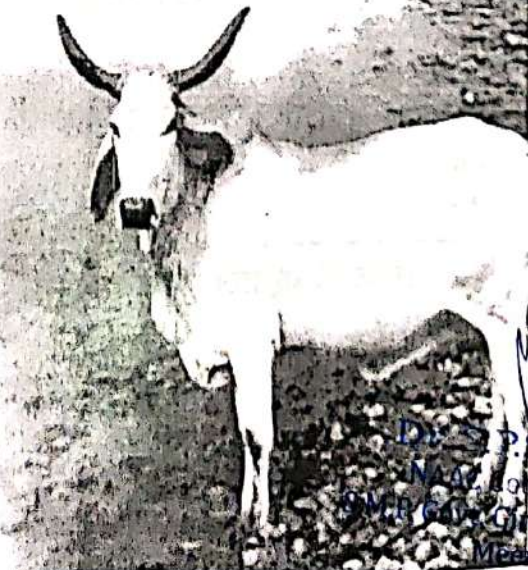
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आभार

v

गाँधी, गंगा, गौ, गाँव: एक अध्ययन

1. गंगा-गौ-गाँव-गाँधी-लोक कला संस्कृति के परिपेक्ष्य में 1
डॉ. नीलिमा गुप्ता
2. गाँधी अर्थशास्त्र एवं वर्तमान आर्थिक समस्याएँ : एक अध्ययन 15
डॉ. दिनेश कुमार
3. गंगा, गाँव, गौ और गांधी 18
सत्येन्द्र कात्यायन एवं राजीव कौशिक
4. गाँधी के विचारों की प्रासंगिकता 26
डॉ. नीना बत्रा
5. गांधीजी एवं उनका आर्थिक ग्रामीण चिन्तन 29
डॉ. मयंक मोहन
6. 21वीं सदी में गाँधीवादी दर्शन की प्रासंगिकता 33
डॉ. सुषमा सैनी
7. वर्तमान समय में महात्मा गाँधी के आर्थिक विचारों की 46
प्रासंगिकता
डॉ. ममता सिंह एवं डॉ. कविता गर्ग
8. गांधी जी की अहिंसावादी विचारधारा 53
डॉ. बबीता शर्मा

Dr. S.P.S. Rana
NAAC Coordinator
S.M.P. Govt. Girls P.G. College
Meerut

9. महाना गांधी के ग्रामीण उर्ध्ववस्था सन्ध्या विचारों की प्रासंगिकता	60
डॉ. कीर्ति शर्मा	
10. स्वच्छता, स्वास्थ्य एवं गांधी	69
डॉ. नुजा गोयल	
11. गांधीजी के गो पर विचार एवं उनका देशान्तरिक महत्व	73
डॉ. सोनिया गुप्ता	
12. गांधीजी एवं सनातन ग्राम विकास	81
डॉ. नूतन सिंह एवं डॉ. पंकज शर्मा	
13. महाना गांधी और ग्रामीण विकास	86
नुरेन्द्र कुमार एवं डॉ. नाली	
14. स्वच्छ गाँव-स्वस्थ नरत	96
डॉ. विकास कुमार	
15. बढ़ता जल संकट	102
डॉ. रीना ठोकर	
16. इतिहास के दर्पण में गांधी दर्शन	108
डॉ. प्रियका अग्रवाल	
17. गांधी जी की ग्रामीण विकास की परिकल्पना	119
डॉ. रविका	
18. गांधी जी की क्रांति व राज्यहीन समाज की संकल्पना एवं ग्राम व खाप पंचायत	126
यजुर्वेन्द मिश्र	
19. पर्यावरण का शत्रु-प्लास्टिक प्रदूषण (स्वच्छ भारत स्वस्थ भारत)	131
पंकज कुमार	
20. जल विदोहन से उत्पन्न समस्याओं का समाधान: जल प्रदूषण	140
हिनानी शर्मा	
21. गांधी और ग्रामीण विकास	151
तरुण कुमार	

22. समाज सुधारक: राष्ट्रशिता महात्मा गांधी	162
प्रमोद कुमार	
23. गांधी जी और हिन्दुस्तानी जयन	167
सय्यदा मरियम इस्ताही	
24. वर्तमान में गांधी जी की प्रासंगिकता का एक मूल्यांकन	176
नीरज कुमार एवं जितेन्द्र कुमार	
25. गांधी जी और राष्ट्रीय आंदोलन का एक मूल्यांकन	180
चर्चा एवं विकास कुमार	
26. गांधी के अनुसूतार शिक्षा का परिचय एवं नई तालीम	183
डॉ. हरिकृष्ण शर्मा, पुष्पेन्द्र कुमार ठाकुर एवं डॉ. अंकुर शर्मा	
27. स्वच्छ भारत (एक अभियान)	189
विकास कुमार	
28. महात्मा गांधी के शिक्षा-सिद्धान्त : आज के परिचय में	193
डॉ. सन्दीप कुमार	
29. गांधी जी का भारतीयों के सामाजिक, राजनीतिक तथा सांस्कृतिक जीवन पर प्रभाव	197
डॉ. विभा लक्ष्मी	
30. गांधी दर्शन की वर्तमान शिक्षा में प्रासंगिकता	201
डॉ. सन्तोष शर्मा	

Gandhi, Ganga, Gau, Gaon: Ek Adhyayan

31. Mahatma Gandhi Ideology on Livestock for Food Security and Sustainability in Asian Countries	207
Ravinder Kumar & A.K. Das	
32. Economic Philosophy of Mahatma Gandhi	219
Angrej Singh	
33. Plastic Use: An Evil for Eco-System	226
Dr. Monika Mehrotra	

(A)

34. Gandhiji as a Messenger of Spirituality, Love, Truth and Non-violence <i>Anuj Itavara & Dr. Shashi Sharma</i>	235
35. Impact of Plastic Waste Pollution on Environment and Human Health <i>Dr. Recna Bishnoi & Anvi Choudhary</i>	243
36. Swachh Bharat - Ek Kadam Swachhata Ki Ore <i>Dr. Anjali Gupta</i>	256
37. Cow Protection Bill and Its Implication in Uttar Pradesh <i>Dr. Aresh Kumar</i>	264
38. Gandhiji's Views on Village <i>Dr. Babita Singh & Shweta Chaddha Bhalla</i>	272
39. Mahatma Gandhi: His Ideologies of Peace and Love <i>Dr. Poonam Sharma</i>	284
40. Emerging Challenges in Solid Waste Management in Indian Cities: With Special Reference to Delhi NCR <i>Dr. Amit Gupta, Bharat Gahlot, Dr. Amit Kumar Singh & Meenakshi Gupta</i>	293
41. Gandhian Philosophy: Social Impact and Contemporary Relevance <i>Amar Jyoti</i>	304
42. Philosophical Thoughts of Gandhiji in 21st Century <i>Dr. Bhuresh Sharma</i>	318
43. Relevance of Mahatma Gandhi's Philosophy in Modern World <i>Dr. Vaibhav Sharma</i>	326
44. Gandhian Philosophy towards Rural Development <i>Dr. Rakesh Kumar</i>	332
45. Waste Management Urban and Rural Areas in Haryana: An Overview <i>Surinder Singh</i>	338
46. Mahatma Gandhi's Philosophy in the 21st Century <i>Dr. Sujia George Stanley</i>	345

(XI)

47. Effects of Climate Change on River Health: A Review <i>Jyoti Choudhary</i>	351
48. Mahatma Gandhi's Philosophy in the 21st Century <i>Dr. Ruhi</i>	355
49. Water Management and Sustainable Livelihood <i>Dr. Muniraz Sheikh</i>	362
50. Swachh Bharat <i>Dr. Rahul Gupta & Sanjeev Kumar</i>	365
Index	373

Effects of Climate Change on River Health: A Review

*Jyoti Chaudhary**

Abstract

Man has exploited the environment to such an extent that temperature on earth has increased due to Global Warming and this change in the climate has devastating effects on river health. Global Warming heats the earth which results in the melting of polar ice caps and glaciers and this melting results into devastating floods on the embankment of rivers. Many steps are needed to be taken to prevent this. Some of the steps includes that special devices should be installed in factories to absorb poisonous gases. Safer fuels should be used like CNG, electricity, solar energy, etc. Trees must be planted in order to absorb carbon dioxide gas. All this will help in prevention of releasing harmful gases into the atmosphere which further controls the rate of global warming and by such, we can control the temperature and melting of ice caps and glaciers and this will result that there will be no water pollution and flooding in rivers and thus help in making earth a cosmopolitan and eco-friendly place to live in.

Keywords: global warming, river health etc

Introduction

Water pollution has become a severe problem these days. Water pollution may be caused due to natural as well as human resources. Water pollution is a serious problem in all over the

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CHALLENGES TO ECOSYSTEM & ENVIRONMENT TOWARDS SUSTAINABLE DEVELOPMENT

13

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viii Challenges to Ecosystem & Environment Towards Sustainable Development

7. Overpopulation and Environment:
A Relationship
— Dr. Jeet Singh 54
8. Disaster Risk Reduction Role of the Government
and Citizen—A Conceptual Framework
— Dr. Jisha D. Nair 67
9. Role of E - waste in Sustainable Development
— Jyoti Chaudhary 81
10. Wordsworth: A Great Environmentalist
— Dr. Jyoti Yadav 90
11. Effect on Fish Growth Performance by Replacing
Animal Protein with Vegetable Protein
— Dr. Kamal Prakash & Dr. M.P. Singh 95
12. Environmental Impact Assessment (EIA)
— Kumkum 105
13. Indoor Plants—Air Purifying Plants
— Nisha Verma 111
14. A Step Towards Swachh Bharat
— Dr. Poonam Bajpai 118
15. Climatology: A big Challenge and Burning
Issue in Present Scenario
— Dr. Pratibha Srivastava 129
16. Sustainable Development: The biggest
Necessity of Tomorrow
— Shalini Kanoujia 137
17. Environmental Pollution and Human Health
— Dr. Shivom Sharma & Dr. Vipin Kumar 144
18. Mathematics and Environment: A Review on
Mathematics Can Save the World
— Dr. Soshal 157
19. Deforestation & its Adverse Effect
— Suman Lata 164

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9

Role of E - waste in Sustainable Development

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ABSTRACT

E-waste' means waste electrical and electronic equipment (WEEE), which have reached their end- of- life period or are no longer fit for their original intended use and are meant for recovery, recycling or disposal. E-waste (Electronic waste) and the handling of it is a voluminous environmental issue that affects the entire world, as well as a massive health issue for those working with it in uncontrolled circumstances. The advancement of technology has enabled us to reach whole new markets. It works to create a better and simpler life for humans all over the world. The hazardous chemical components of e-waste have dreadful impacts on ecosystems and human health if not managed properly. This represents an upcoming challenge to achieving sustainable development goals. This study aims to prove that the e-waste scenarios and health hazards could extend the achievement of sustainable development targets.

Keywords: E waste, WEEE, sustainable development etc.

Introduction:

E-waste has been recognize as the fastest growing waste

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મુવતક-કાઠા

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मंगलाचरण

हम की आराध्या वृजया अनूप शक्ति रूप
आप मेरी भावना में भी प्रवास कीजिए
केल रहा तम जो अज्ञानता का चहुँ ओर
हर ओर दिव्य ज्ञान का उजास कीजिए
सुकला रहे सदैव शीश पद पंकज में
अपने उपासी के जिताप प्राप्त कीजिए
लीजिये शरण में भिटे विकार जीवन के
मन के भुवन में सदा निवास कीजिए॥

आप ही अनाथों के हो नाथ सुनो दीनानाथ
लावय-सी विनती स्वीकार कर लीजिए
दास हूँ मैं आपका निराशा दूर करो प्रभु
लेखनी में मेरी कुछ ज्ञान भर दीजिये
चराचर में समाया हुआ आपका ही रूप
सत्य को न भूलें मैं भी ऐसा वर दीजिए
लाज आपने बचाई दीनों की सदैव 'देव'
लेखनी के मेरी सारे ताप हर दीजिये॥

साहित्य के सागर में लेखनी करे किलोला
अनमोल भोलियों के शब्द रूपी द्वार दो
कोई भी रक्तावट न जीवन में आये कभी
कष्ट भिटे सभी ऐसा जीवन में चार दो
लालच के सागर में डूबने न पाऊँ कभी
मेरी भविष्य को प्रभु आकर उबार दो
जिन आपके के न कोई 'देव' का सदरा अन्य
विनती है प्रभु यह जीवन सँवार दो॥

अनुक्रम

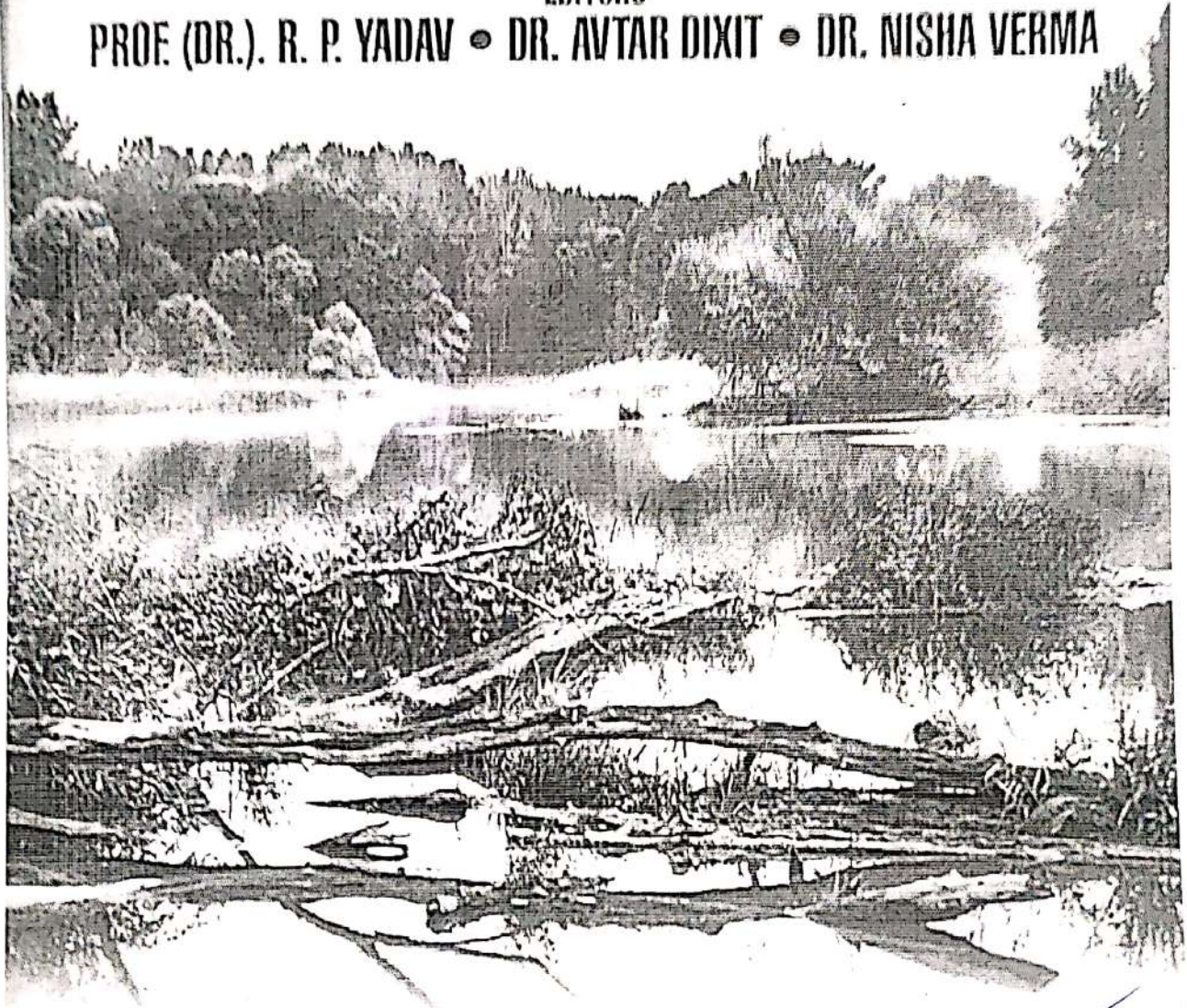
एक सार्धक एवं सात्विक काव्य-कृति श्री वृज-वृजया-वृजराज	9
एक सशक्त मुक्तक काव्य—'श्री वृज-वृजया-वृजराज'	17
मेरी कलम से	23
श्री वृज	25
श्री वृजया	52
श्री वृजराज	95

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7. Overpopulation and Environment: A Relationship — Dr. Jeet Singh	34
8. Disaster Risk Reduction Role of the Government and Citizen—A Conceptual Framework — Dr. Jisha D. Nair	67
9. Role of E - waste in Sustainable Development — Jyoti Chaudhary	81
10. Wordsworth: A Great Environmentalist — Dr. Jyoti Yadav	90
11. Effect on Fish Growth Performance by Replacing Animal Protein with Vegetable Protein — Dr. Kamal Prakash & Dr. M.P. Singh	95
12. Environmental Impact Assessment (EIA) — Kumkum	105
13. Indoor Plants—Air Purifying Plants — Nisha Verma	111
14. A Step Towards Swachh Bharat — Dr. Poonam Bajpai	118
15. Climatology: A big Challenge and Burning Issue in Present Scenario — Dr. Pratibha Srivastava	129
16. Sustainable Development: The biggest Necessity of Tomorrow — Shalini Kanoujia	137
17. Environmental Pollution and Human Health — Dr. Shivom Sharma & Dr. Vipin Kumar	144
18. Mathematics and Environment: A Review on Mathematics Can Save the World — Dr. Soshal	157
19. Deforestation & its Adverse Effect — Suman Lata	164

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Mathematics and Environment

A Review on Mathematics Can Save the World

Dr. Soshal

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ABSTRACT

The developing countries are facing many challenges on sustainable development which can be distributed in to three types: Economic, Social and Environmental (Pretty et al. 2003). In these challenges, understanding the environment around us is becoming increasingly dependent on processing and interpreting the complex data for which we study Environmental Sciences. Many of the broad sciences that are classified as environmental sciences utilize math in one way or another. Mathematical Sciences (environmental sciences) give us the opportunity to explore applications of mathematical, statistical and data science techniques for addressing important environmental challenges – from understanding the molecular biology of diseases to geophysical phenomena in climate change. This paper reviews some special characteristics shared by many authors of environmental phenomena based on mathematics.

Introduction

Sustainable development is defined as development that meets the needs of the present without compromising the needs of future generations (Brundtland, 1987). It is a development that meets the needs of the present without compromising the ability of future generations to meet their own needs.

Pollution And Population

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(xi)

Contents

Section-A		1 - 2
Pollution by Population		
1.	Population and Pollution : In The Context of Agra City <i>Ms. Neeta Varun</i>	3 - 6
2.	Increasing Pollution caused by Increasing Population <i>Dr. Rakesh Kumar</i>	7 - 14
3.	Pollution and Industrialization <i>Dr. Ashish Tejasvi and Mr. Nishant Vashistha</i>	15 - 18
4.	Source, Effects and Control of Noise Pollution <i>Mr. Jitendra Kumar</i>	19 - 22
5.	Atmospheric Pollution and Climatic Changes by Iodine and Iodine Oxide Particles (Iop's) <i>Mr. Roshan Lal</i>	23 - 29
6.	Plastic : Advantages and Disadvantages <i>Dr. Satendra Kumar</i>	30 - 34
Section-B		35 - 36
Impact of Pollution on Environment and Human health		
7.	Impact of Pollution on Population <i>Dr. Neelam Soni</i>	37 - 42
8.	Impact of Population Explosion on Environment <i>Dr. Arvind Kumar</i>	43 - 46
9.	Impact of Pollution and Population Growth in our Environment and Life <i>Dr. Sharad Pawar</i>	47 - 50
10.	Environmental Worsened by Growing Urbanization <i>Dr. Pravesh Kumar</i>	51 - 56
11.	Impact of Air Pollution on Population and Human Health <i>Dr. Archana</i>	57 - 69
12.	Exposure to Municipal Waste in Developing Countries : Review of Health Risk Assessments <i>Dr. Fauzia Khan</i>	70 - 79
13.	A Study on Environmental Pollution, Causes and Impact on Humans <i>Dr. Sakshi Chaudhary</i>	80 - 85
14.	Health Impact of Environmental Exposure to Heavy Metals - A Review <i>Dr. Ozair Aziz</i>	86 - 94

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IMPACT OF POLLUTION AND POPULATION GROWTH IN OUR ENVIRONMENT AND LIFE

Dr. Sharad Pawar

Assistant Professor

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Introduction

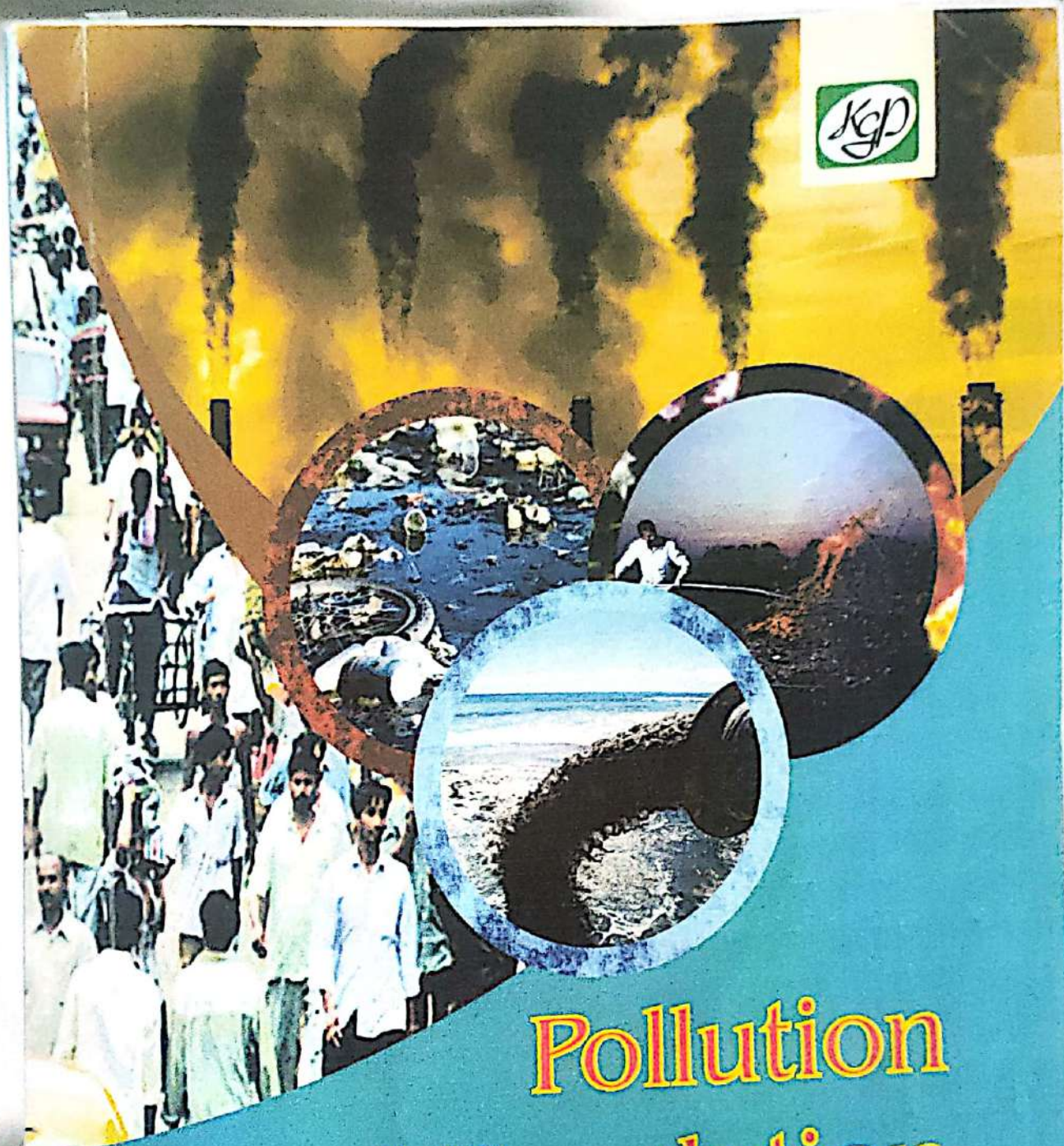
In this chapter we study the impact of population on the pollution. How much these factors related to each other. Population growth and environmental pollution has direct relationship to each other because when population increase than pollution also increase. All people have their wants and desire. When they start to fulfill their wants they used many things which harm the air, water, land etc. It create an environmental pollution. When environment polluted they harm the people health. So it is the positive relationship each other so we should maintain population growth. That's why the study and control of human population is very important today.

What is pollution?

Pollution is the introduction of contaminants into the natural environment that cause adverse change. Much of pollution is caused by human activities although there are natural causes such as forest fires. Humans are currently the main contributors to pollution of our planet. Pollution has become a major issue over the years because it contaminates Earth's environment and affects human health. While some environmental pollution is a result of natural causes such as volcanic eruptions, most is caused by human activities. Pollution is the introduction of harmful substances or products into the environment. It is a major problem in all over the world. Pollution does not damage the environment but damage us also.

Environmental pollution occurs when pollutants contaminate the natural surroundings. Pollution disturbs the balance of our ecosystems, affect our normal lifestyles and gives rise to human illness and global warming. Pollution has reached its peak due to the development and modernization in our lives. With the development of science and technology, there has been a

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Meerut

15. Influence of Pollution on Agriculture
Dr. Piyal Chaudhary

Section-C

Global and Environmental Issues

16. Environment in Indian Culture and Literature
Dr. Vinod Prasad Singh 101 - 110
17. Environmental Issues : A Discussion in Indian & Global Scenario
Mr. Abhinav Azam 111 - 116
18. Global Biodiversity And Conservation of Resources
Smt. Anshu Singh 117 - 118
19. Cost of Globalization: Environmental Pollution
Dr. Savita Agarwal & Ms. Aditi Agarwal 119 - 125
20. Environmental Issues and Human Right
Dr. Nazneen Hussain 126 - 131
21. An Analytical Study on the Relationship between Overpopulation and Environment
Dr. Jyoti Singh 132 - 138

Section-D

Management of Pollution

22. Households Waste Management in India
Mr. Manmohan Verma 139 - 140
23. The Role of Green Chemistry in Pollution Control
Mr. Srikanth Rao V Bradar 141 - 144
24. Green Chemistry: A Solution to Pollution
Dr. Sakshi Chaudhary 147 - 151
25. Renewable Energy : A solution to the Pollution
Dr. Manoj Kumar Paras 152 - 168
26. Effects and Management of Particulate Pollutants on Human Population
Mr. Anil Kumar 169 - 176
27. Drowning in Plastic : Production, Consumption and Management
Dr. Renu Sharma 177 - 182
28. India's Next Trouble - Confronting the Problem of E-Waste
Dr. Ruchi Sharma & Ms. Pooja Bhatnagar 183 - 187
- 188 - 194

Contents

Section-A		1 - 2
Pollution by Population		
1. Population and Pollution : In The Context of Agro City Ms. Neelam Verma		3 - 6
2. Increasing Pollution caused by Increasing Population Dr. Rakash Kumar		7 - 14
3. Pollution and Industrialization Dr. Anish Tejwari and Mr. Richard Vashistha		15 - 18
4. Source, Effects and Control of Noise Pollution Mr. Jyendra Kumar		19 - 21
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Section-B		35 - 36
Impact of Pollution on Environment and Human health		
7. Impact of Pollution on Population Dr. Neelam Soti		37 - 42
8. Impact of Population Explosion on Environment Dr. Arvind Kumar		43 - 46
9. Impact of Pollution and Population Growth in our Environment and Life Dr. Sharad Pawa		47 - 50
10. Environmental Worned by Growing Urbanization Dr. Praveen Kumar		51 - 56
11. Impact of Air Pollution on Population and Human Health Dr. Archana		57 - 69
12. Exposure to Municipal Waste in Developing Countries : Review of Health Risk Assessments Dr. Fauzia Khan		70 - 79
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14. Health Impact of Environmental Exposure to Heavy Metals - A Review Dr. Ozair Aziz		86 - 94

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(18)

गाँधी, गंगा, गौ, गाँव:

एक अध्ययन

Gandhi, Ganga, Gau, Gaon: Ek Adhyayan

सम्पादिका:

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अर्थशास्त्र विभागाध्यक्षा

निदेशिका, गाँधी अध्ययन केन्द्र

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9. महात्मा गांधी के ग्रामीण अर्थव्यवस्था सम्बन्धी विचारों की

प्रासंगिकता

डॉ. कीर्ति शर्मा

60

10. स्वच्छता, स्वास्थ्य एवं गांधी

डॉ. सुधा गोयल

69

11. गांधीजी के नौ पर विचार एवं उनका वैज्ञानिक महत्व

डॉ. सोनिया गुप्ता

73

12. गांधीजी एवं सनग्र ग्राम विकास

डॉ. भूकन सिंह एवं डॉ. पंकज शर्मा

81

13. महात्मा गांधी और ग्रामीण विकास

मुनेन्द्र कुमार एवं डॉ. मालती

86

14. स्वच्छ गांव-स्वस्थ भारत

डॉ. विकास कुमार

96

15. बढ़ता जल संकट

डॉ. रीना तोमर

102

16. इतिहास के दर्पण में गांधी दर्शन

डॉ. प्रियंका अग्रवाल

108

17. गांधी जी की ग्रामीण विकास की परिकल्पना

डॉ. रनिका

119

18. गांधी जी की वर्गहीन व राज्यहीन समाज की संकल्पना

एवं ग्राम व खाप पंचायत

126

यजुर्वेन्द्र गिरि

19. पर्यावरण का शत्रु: प्लास्टिक प्रदूषण

(स्वच्छ भारत स्वस्थ भारत)

131

पंकज कुमार

20. जल विदोहन से उत्पन्न समस्याओं का समाधान: जल प्रबंधन

हिमानी शर्मा

140

21. गांधी और ग्रामीण विकास

तरुण कुमार

151

22. समाज सुधारक: राष्ट्रपिता महात्मा गांधी

प्रमोद कुमार

152

23. गांधी जी और हिन्दुस्तानी जयान

सय्यदा मरियम इलाही

157

24. वर्तमान में गांधी जी की प्रासंगिकता का एक मूल्यांकन

नीरज कुमार एवं जितेन्द्र कुमार

176

25. गांधी जी और राष्ट्रीय आंदोलन का एक मूल्यांकन

चर्चा एवं विकास कुमार

180

26. गांधी के अनुसार शिक्षा का परिप्रेक्ष्य एवं नई लालीन

डॉ. हरिकृष्ण शर्मा, मुनेन्द्र कुमार ठाकुर एवं डॉ. अंकुर शर्मा

183

27. स्वच्छ भारत (एक अभियान)

विकास कुमार

189

28. महात्मा गांधी के शिक्षा-सिद्धान्त : आज के परिप्रेक्ष्य में

डॉ. सन्दीप कुमार

193

29. गांधी जी का भारतीयों के सामाजिक, राजनीतिक तथा

सांस्कृतिक जीवन पर प्रभाव

197

डॉ. विभा लक्ष्मी

30. गांधी दर्शन की वर्तमान शिक्षा में प्रासंगिकता

डॉ. सन्तोष शर्मा

201

Gandhi, Ganga, Gau, Gaon: Ek Adhyayan31. Mahatma Gandhi Ideology on Livestock for Food Security and Sustainability in Asian Countries
Ravinder Kumar & A.K. Das

207

32. Economic Philosophy of Mahatma Gandhi
Angrej Singh

219

33. Plastic Use: An Evil for EcoSystem
Dr. Monika Mehrotra NAAC Coordinator

226

S.M.P. Govt. Girls P.G. College
Meerut

स्वच्छ गांव-स्वस्थ भारत

डॉ. विकास कुमार*

सारांश

आज भी हमारे देश की अधिकांश जनसंख्या ग्रामीण इलाके में निवास करती है। इसीलिए कहा जा सकता है कि गांवों में भारत देश का निवास है और गांवों के विकास से ही देश का विकास सम्भव है। यदि गांवों की जनशक्ति स्वच्छ रहेगी तो ही स्वस्थ रहेगी और ग्रामीण जनशक्ति की स्वस्थता से स्वस्थ भारत का निर्माण सम्भव होगा।

15 अगस्त, 1947 को भारत की आजादी के बाद समय-समय यद्यपि सभी सरकारों द्वारा स्वच्छता एवं स्वास्थ्य में सुधार हेतु अपने स्तर पर उपलब्ध संसाधनों को दृष्टिगत रखते हुये विभिन्न प्रयास किये गये, परन्तु देश की जनसंख्या में जो तीव्र गति से वृद्धि हुई है उसके अनुसार इन सभी प्रयासों में सार्थक प्रगति नहीं हुई। 2 अक्टूबर, 2014 को स्वच्छ भारत अभियान तत्कालीन सरकार द्वारा देश व्यापी आंदोलन के रूप में सम्पूर्ण देश में आरम्भ किया गया। भारत सरकार का स्वच्छ भारत मिशन सबसे महत्वपूर्ण मिशन है। महात्मा गांधी भी स्वयं स्वच्छता प्रेमी थे।

स्वच्छ भारत मिशन के भारत मॉडल ने पूरे देश में स्वच्छता की एक ऐसी लहर बहा दी है, जो न केवल भारतवासियों को अपितु पूरे संसार को अपने सार्थक परिणामों से प्रभावित कर रही है। ग्राम पंचायतें न केवल घरेलू शौचालय बनवाकर स्वच्छता पर ध्यान केंद्रित कर रही हैं, अपितु वर्मी कम्पोस्ट गड्डो के जरिए कचरा साफ करने की दिशा में भी कदम उठा रही हैं। हमें ऐसे उपाय

* अतिरिक्त प्राध्यापक (ऑफिशियल), शाहीद भगत सिंह राजकीय महिला स्नातकोत्तर महाविद्यालय, नवदुर्ग, मेरठ (उत्तर प्रदेश)।

अपनाने होंगे जो सस्ते होने के साथ-साथ प्रयोग करने में सरल हों और तकनीकी दृष्टि से उपयुक्त हों। स्वच्छता सरकारी कार्यक्रम ना होकर एक जन आन्दोलन बन गया है यद्यपि देश के लाखों गांवों को खुले में शौच से मुक्त बनाया जा चुका है, परन्तु इस पर अभी हमें लम्बा सफल तय करना है।

श्रीमद्भागवत गीता के 13वें अध्याय में शौचम, जिसका अर्थ है स्वच्छता, के विषय में वर्णित किया गया है कि यदि कोई व्यक्ति स्वयं की उन्नति करना चाहता है तो स्वच्छता एक ऐसा सद्गुण है, जिसे उसे अपनाना होगा। 'शौच' एक ऐसा गुण है, जिसके सहारे व्यक्ति अपने को पवित्र कर पाता है उसे सतोष प्राप्त होता है तथा अपनी इन्द्रियों पर विजय भी प्राप्त कर सकता है। यह सर्वविदित है कि किसी भी देश की जनशक्ति के स्वस्थ होने पर ही उस राष्ट्र की स्थिति मजबूत हो सकती है। अत्यधिक आबाद के शहरी इलाक़ों के बाहर का क्षेत्र गांव या ग्रामीण क्षेत्र कहलाता है। भारत में ग्रामीण क्षेत्र को कुछ इस प्रकार परिभाषित किया गया है—'भारत का वह क्षेत्र जिसमें लोगों की आबादी 5,000 तथा जनसंख्या घनत्व 400 व्यक्ति प्रति वर्ग किलोमीटर से कम हो तथा कृषि पर आश्रित कामकाजी लोगों की संख्या कम से कम 2.5 प्रतिशत हो, ऐसे क्षेत्र को ग्रामीण क्षेत्र में लिया जाता है।'

देश के 15वें प्रधानमंत्री श्री नरेन्द्र मोदी जी ने 15 अगस्त, 2014 को लाल किले की प्राचीर से अपने भाषण में राष्ट्रपिता महात्मा गांधी को श्रद्धांजलि देते हुये कहा था—'भाइयों और बहनों, 2019 में महात्मा गांधी की 150वीं जयंती होगी... महात्मा गांधी को सफाई सबसे प्रिय थी। इसीलिए मैं इस साल 2 अक्टूबर से 'स्वच्छ भारत' शुरू करने जा रहा हूँ और इसे अगले चार साल तक बढ़ाना चाहूँगा।' जब भारत के प्रधानमंत्री श्री नरेन्द्र मोदी ने वर्ष 2014 में स्वतंत्रता दिवस के शुभ अवसर पर स्वच्छता के अभियान का विगुल बजाया था, तद्समय कुछ लोगों को ऐसा महसूस हुआ होगा कि शायद यह योजना कुछ ही स्तर तक आगे बढ़ सके। भारत की स्वतंत्रता के पश्चात् यह पहली बार ऐसी योजना है, जिसमें सरकार की स्वयं की भागीदारी न होकर जनता ने इसे जन आंदोलन में बदल दिया। जब स्वच्छ भारत मिशन (ग्रामीण) का ऐलान किया गया था तब भारत में ग्रामीण इलाकों में सफाई का क्षेत्र केवल 39 प्रतिशत था, जो नवंबर, 18 तक लगभग 94 प्रतिशत तक पहुँच चुका था और वर्तमान में उम्मीद है कि प्रधानमंत्री जी द्वारा निर्धारित स्वच्छता के लक्ष्य को भारत की जनता 2 अक्टूबर, 2019 तक शत-प्रतिशत प्राप्त कर लेगी।

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20

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19

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Challenges to Ecosystem & Environment
Towards Sustainable Development

O Author
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Contents

vi Challenges to Ecosystem & Environment Towards Sustainable Development

7. Overpopulation and Environment: A Relationship — Dr. Jeet Singh	54
8. Disaster Risk Reduction Role of the Government and Citizen—A Conceptual Framework — Dr. Jisha D. Nair	67
9. Role of E-waste in Sustainable Development — Jyoti Chaudhary	81
10. Wordsworth: A Great Environmentalist — Dr. Jyoti Yadav	90
11. Effect on Fish Growth Performance by Replacing Animal Protein with Vegetable Protein — Dr. Kamal Prakash & Dr. M.P. Singh	95
✓ 12. Environmental Impact Assessment (EIA) — Kunkun	105
13. Indoor Plants—Air Purifying Plants — Nisha Verma	111
14. A Step Towards Swachh Bharat — Dr. Poonam Bajpai	118
15. Climatology: A big Challenge and Burning Issue in Present Scenario — Dr. Pratibha Srivastava	129
16. Sustainable Development: The biggest Necessity of Tomorrow — Shalini Kanaujia	132
17. Environmental Pollution and Human Health — Dr. Shivani Sharma & Dr. Vipin Kumar	144
18. Mathematics and Environment: A Review on Mathematics Can Save the World — Dr. Sushil	157
19. Deforestation & Its Adverse Effect — Sunam Lata	164

21:11

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What is Environmental Impact Assessment?

In a nut shell EIA is just an information gathering exercise carried out by the developer and other bodies which enables a local planning authority to understand the environmental effects of a development before deciding whether or not it should go ahead. The really important thing about environmental assessment is the the emphasis on using the best available sources of objective information and in carrying out a systemic and holistic process which should bias free and allowed the local authority land the whole community to properly understand the impact of the proposed development. Environmental assessment should lead to better standard of development and in some cases development not happening at all. Where development do

12

Environmental Impact Assessment (EIA)

Kumkum
Asst. Professor Zoology
SMPCGPG College Mysuru

Introduction

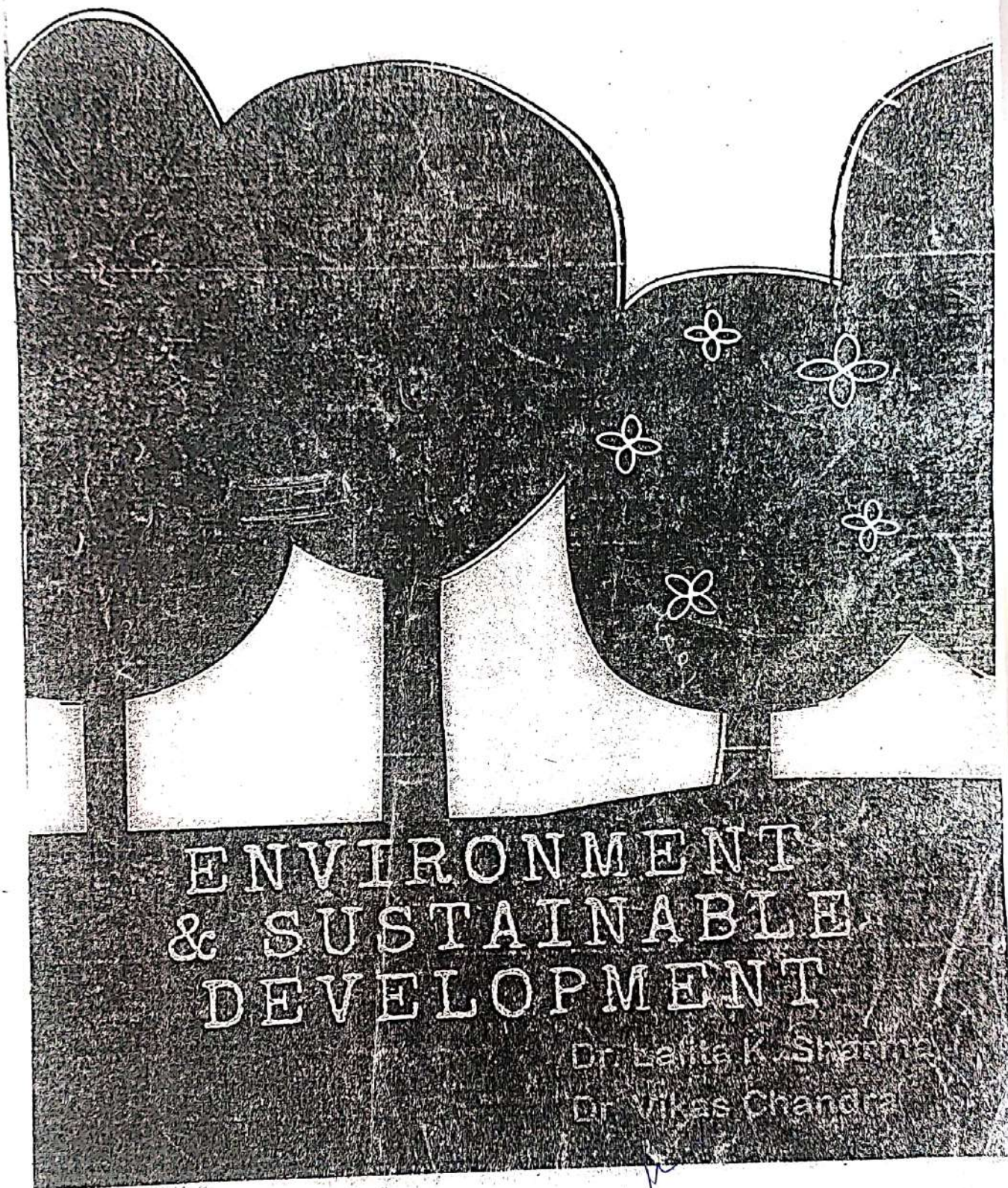
Environmental impact assessment (EIA) is a key aspect of many large scale planning applications. It is a technique which is meant to help us understand the potential environmental impacts of major development proposals. Unfortunately as often as not both the process and outcome of EIA can be complex and confusing leaving local communities unsure as to how a development might affect them. This guide is intended as a broad introduction to the environmental impact assessment. The material is drawn from regulations circulars and guidance and is designed to help individual understand what EIA is and in what circumstances it should be applied. The guide is not intended to provide guidance on how to prepare an EIA. For example it does not explain how to prepare and archaeological survey or landscape assessment.

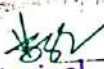
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106 *Challenges to Ecosystem & Environment Towards Sustainable Development*

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2/9

C-18/1

Contents

Sr. No.	Chapter Title/Author	Page No.
Part I: Environmental Concerns		1-8
Chapter 1	Major Environmental Concerns <i>Dr. Vikram Sandhu & Dr. Lalita K. Sharma</i>	9-17
Chapter 2	Major Environmental Movements Occurred in India: An Elucidation <i>Arup Bhowmik</i>	18-27
Chapter 3	Government Policies for Environment Protection in India <i>Dr. Bhavna Singh</i>	28-33
Chapter 4	Environmental Management in Punjab <i>Dr. Heena Atwal & Dr. Lalita K. Sharma</i>	34-40
Chapter 5	Agroforestry in India: Prospects and Challenges <i>Ushoshi Ganguly & Sovik Mukherjee</i>	41-47
Chapter 6	Effect of GA3 and NAA on Growth and Yield Attributes of Brinjal (Var. Mullukathiri) <i>V. Usha Nandhini, B. Rakesh, D. Santhoshkumar & P. Karvembu</i>	48-52
Chapter 7	Isolation and Characterization of Azotobacter from the Soil <i>D. Santhoshkumar, K. Prasanna, V. Usha Nandhini, B. Rakesh & P. Karvembu</i>	53-58
Chapter 8	Response of Pink Pigmented Facultative Methylophs on Growth and Yield of African Marigold <i>B. Rakesh, P. Karvembu, D. Santhoshkumar & V. Usha Nandhini</i>	59-72
Chapter 9	Assessment of Transfer Factors of Heavy Metals from Soil to Vegetable Crops Grown around Mumbai, India <i>Rangnekar S. S.</i>	73-80
Chapter 10	Significance of Toxicology and Metal Pollution in Aquatic Environment: Cause and Impact <i>Dr. Ranu Naskar</i>	81-87
Chapter 11	Effects of Pollution on Aquatic Biodiversity <i>Pooja Patel, Ashutosh Tiwari & Dr. Vikas Chandra</i>	

IX

Dr. S.P.S. Rana
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CHAPTER 3

GOVERNMENT POLICIES FOR ENVIRONMENT PROTECTION IN INDIA

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1.0 INTRODUCTION

Environmental policy refers to the commitment of an organization to the laws, regulations, and other policy mechanisms concerning environmental issues. These issues generally include air and water pollution, waste management, ecosystem management, maintenance of biodiversity, the protection of natural resources, wildlife and endangered species. Policies concerning energy or regulation of toxic substances including pesticides and many types of industrial waste are part of the topic of environmental policy. This policy can be deliberately taken to direct and oversee human activities and thereby prevent harmful effects on the biophysical environment and natural resources, as well as to make sure that changes in the environment do not have harmful effects on humans.

It is useful to consider that environmental policy comprises two major terms: environment and policy. Environment refers to the physical ecosystems, but can also take into consideration the social dimension and an economic dimension. Policy can be defined as a "course of action or principle adopted or proposed by a government, party, business or individual". Thus, environmental policy focuses on problems arising from human impact on the environment, which retroacts onto human society by having a (negative) impact on human values such as good health or the 'clean and green' environment. Environmental policy instruments are tools used by governments to implement their environmental policies. Governments may use a number of different types of instruments.

The goals of the environmental policy may be formulated in several ways - to protect human health, ensure viability of wild life, preservation of historic monuments, stopping further degradation of the environment etc. The policy is the overall environmental intention and direction forming the backbone and skeletal framework, from which all other

Economic System (An Analysis)

Dr. Bharti Dixit

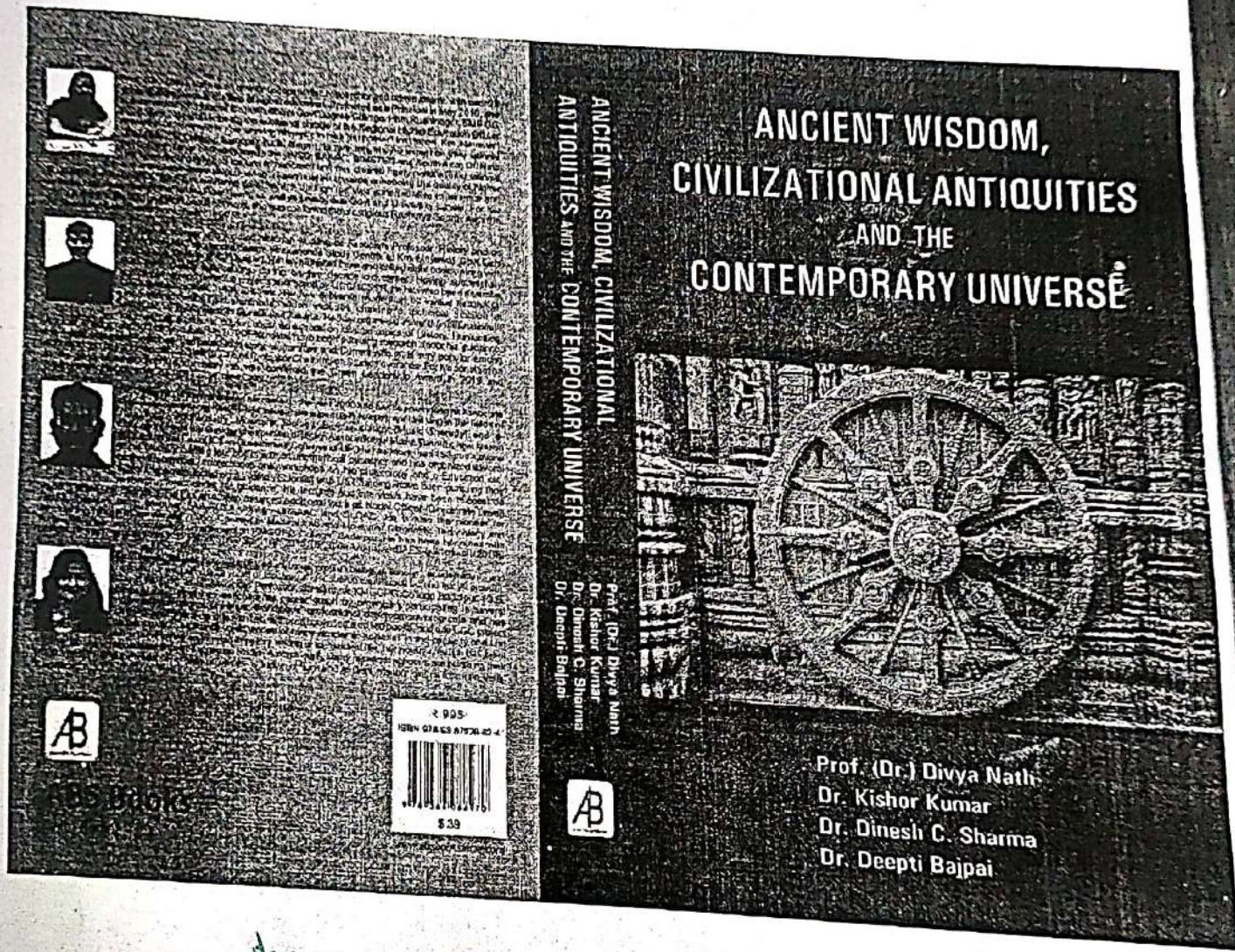
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C-18/2
(279)

Contents

<i>Preface</i>	(v)
1. Introduction to Economic Systems	1
2. Social Dimensions and Economic Development	14
3. Economic Transition and Land Reforms	42
4. Indian Agriculture and Rural Indebtedness	60
5. Full Employment in Economy	78
6. Theory of Economic Development	94
7. Financial Prospects in Economy	109
8. Role of Money in Socialist Economy	121
9. Economics and Market Structure	140
10. Agricultural Marketing and Finance	163
11. Strategies of Rural Development	176
12. Irrigation and Livestock	190
13. Barter System	203
14. Money Market and Capital Market	209
15. Theory of Income and Employment	230
16. Monetary and Fiscal Economic Policy	253
<i>Index</i>	276

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Meerut

REDMI NOTE 8 PRO
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8. Buddhist Perspective on Education 60
Ven. Khemacara
9. The Evolution of Democracy Through the
 Ages : Focus on the European Experience 63
Pankaj Kumar

Part - 2
Society and Geography

10. Status of Water Resources in Ancient
 Civilizations : Lessons for Modern India 71
Dr. Meenakshi Lohani
11. An Insight into Basics of Good Governance
 and Ancient India 77
Shailesh Tripathi
Ajay Kumar
12. Agricultural Development in India: Past and
 Present Scenario 84
Bhavna Yadav
13. Sustainability and Environment
 Conservation: A Theoretical Analysis in the
 Light of Historical and Cultural Approach 90
Dr. Geeta Chaudhary
14. Impact of Climate on Trade : Past and Present 96
Pragati Mehndiratta
15. Status of Divorce Laws in India : Special
 Reference to Muslim Laws Down the Ages 101
Rajesh Kumar Dev
16. Ancient World Settlement Patterns : The
 Importance of Rivers 111
Nisha Yadav
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13.

Sustainability and Environment Conservation: A Theoretical Analysis in the Light of Historical and Cultural Approach

***Dr. Geeta Chaudhary**

Environment is a complex of many living and non- living things. It has been divided into different categories by the sociologists. MacIver and Page have mentioned two types of environment 1. Outer Environment 2. Inner Environment. P. Gisbert has categorized environment into four types: 1. Natural Environment 2. Artifical Environment 3. Social Environment 4. Psychological Environment. Kimbal Young divided into two main categories: 1. Geographic Environment 2. Socio-Cultural Environment. All categorizations indicates that there are basically two types of environment 1. natural environment – it consist of the earth's surface and atmosphere, including living organism, air water, soil and other resources necessary for human life. 2. Social environment- it consist of material and non-material culture. It includes our house and cities, means of transport and communication and many other appliances of our comfort. It also includes vast system of machinery and industry. It also includes organizations

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③

Impact of Media on Culture & Society

Editors

Dr. Usha Sawhney
Prof. Sanjeev Bhanawat
Kalyan Singh Kothari



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Contents

III

Editorial

1. Public Relations and Peace Building Strategies:
A New Media Paradigm for Empowerment
Shobha Dhanwatay.....1
2. New Media's Interaction with People: A Study of Venn Villages
Manisha Lakhe.....10
3. A Study on Menstrual Hygiene Awareness through Social
Networking Sites
Neha Bhushan, Swati Kaushik.....26
4. Transformation of Variegated Cultural Dynamics in
Amalgamation to Social Media
Dr. Usha Sawhney.....35
5. Social Media: Social Awareness and Cultural Diversity
Saher Salim Motiwala.....40
6. Role of Mass Media in fostering Economic Empowerment
of Women: A Case Study of a WSHG in Odisha
Dr Vijaya Lakshmi Mohant, Sipra Ram, Kapil Rajwani.....49
7. Role of Print Media in Propagating Performance of
Folk Arts in Pink City Jaipur
Saleha Ghazi.....58
8. Effects of Multi-Media Campaigns upon Parent's
Handling of Health Behavior of Children
Minakshi Sarmah.....66
9. Social Media's Contribution to Address issues of Women,
Youth and Children by NGOs
Dr. Raju C. John, Prof. Ishita Das.....75
10. Media Framing Analysis of Acid Violence on Women
Garima Shree.....83
11. Role of Social Media in Public Health Communication
Campaigns based on Women Reproductive Health:
Study of Family Planning Campaigns
Dr. S.P.S. Thana
Vishnupriya Pandey.....95

NAAC Coordinator
S.M.P. Govt. Girls R.G. College
Meerut

12.	Representation of Crime against Women: A Comparative Study of Dailies of Delhi Dr. Anuradha Mishra	102
13.	Role of Media Technology in Addressing Violence against Women Dr. Bhavna Madan	110
14.	Impact of Social Media in Shaping Future Generation's Culture in Context to Fake News Nitin Kapure	117
15.	Theatre: An Effective Medium of Communication Firoz Khan, Dr. Rayaz Hassan	123
16.	Case Study Analysis of Rajasthani Film Bai Chali Sasriye (1981) Dr. Rakesh Kumar Goswami	131
17.	Role of Alternate Media in Empowering the Marginalized Groups: A Case Study of Rajasthan Dr Vaishali Kapoor, Prof (Dr) Kushal Kumar	138
18.	Women and Indian Print Media Priyanka Gautam	145
19.	Impact of Social Media on Youth: A Case Study of Berhampur Dr. Hari Krishna Behera, Indira Behera	151
20.	Terrorism, Children & Bollywood: A Case Study of Tahaan- A Boy With A Grenade & Sikandar Mrinalini Sharma	160
21.	Bengali Entertainment Industry: An Eye Opener Prof. Mrityunjoy Chatterjee, Prof. Debanjan Banerjee	167
22.	A Case Study of the Primacy of Dreams over Reality Sunayan Bhattacharjee	174
23.	Mapping Ethics of Indian News Media From Sting Operations to Paid News Dr. Shiladitya Chakraborty	180
24.	Media Influence on Teacher, Student and Citizen of Jaipur in Decision Making Prof. (Dr.) Ramesh Kumar Rawat	190
25.	The Culture of Escapism in Contemporary Bangladesh: A Semiotic Analysis of 'Subodh' Series Graffiti Mohammad Mohiuddin, Rajib Nandy	204

26.	Representation of Women Offenders in Media: A Sociological Study Dr. Moitrayee Sanyal.....	215
27.	Role of Television in Enrichment of Bharatpur Culture Dr. Amrita Katara.....	222
28.	Impact of Entertainment Television Channels on Youth of Jaipur City Dr Mansingh Manral, Dr Amrita Katara.....	225
29.	21वीं सदी के हिन्दी सिनेमा के कथ्य शिल्प में आये परिवर्तन का अनुशीलन पृथ्वी सेंगर.....	237
30.	मीडिया और महिलाएँ डॉ० मोनिका.....	244
31.	सोशल मीडिया: सवांद का प्रभावी मंच डॉ० दयानन्द कादयान.....	248
32.	गुरु ग्रंथ साहिब और विकास संचार परमिंदर पाल सिंह, डॉ. मनीषा राठौर.....	254
33.	समकालीन सिनेमा में नारीवादी नैरेटिव शालिनी जोशी.....	260
34.	मध्यप्रदेश विधानसभा की कार्यवाही के प्रसार में मुद्रण माध्यमों की भूमिका डॉ. वन्या चतुर्वेदी.....	267

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Meerut

Transformation of Variegated Cultural Dynamics in Amalgamation to Social Media

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INTRODUCTION

Social media's significance is of paramount importance in changing the mindset and lifestyle of individuals. In a developing country like India, such a thing has a deep root in transforming things. Social media drops positive and negative impact both, spreading its territory vigorously. India is in a state of instability with respect to the changes in the culture, life style and civilization. In such brittle condition the influencing takes place very easily especially from dominating countries in context to following their culture, beliefs and faiths etc. Social media is working as a catalyst burning its flames all over the world. The import and export of thoughts, ideas, culture, beliefs, practices and behavioural aspects through the social media has planted its roots universally. It is now becoming highly influential, and Indians are no bar in getting into its whirlpool unknowingly, whether they want or not.

SOCIAL MEDIA IN ITS BROAD PERSPECTIVE

To justify the topic, we need to get into the depth of the topic, and check what actually the social media means; generally, the answer will come up with the reply that it is Facebook, Instagram etc and maybe a few more social networking sites. Do we really need to accept that social media is all this only? In a broad perspective, social media is much more than these social interactive sites, and contains much more than the chats, gossips, comments, blogging, criticism and sharing some personal pictures. To catch hold of the nerve of social media, the first thing that comes is 'Social Networking Sites'. The sites like Facebook serve the big purpose of revenue generation by many intellectuals by utilizing them to advertise and promote their small and large scale business. The blogging sites like Twitter, content communities like You Tube, social news sites like Leakernet etc., all are well known to a good number of people but nobody actually links these with the social media. These sites have occupied the top position amongst the surfing sites, but without knowing their utility as social media. It is an ironical scene that the collaborative sites like the Wikipedia is utilized to the fullest for reference for all sorts of study and analyses, but is ignored while talking about social sites. There are some selective audience sites like the virtual gaming sites and the virtual social world sites. All these

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MEDIA & COVID-19

Issues, Implications, Inferences

Editors:

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Contents

Preface

V

1. Role of Mass Media in Public Education During COVID-19 Pandemic Dr. V. L. Dharurkar	1
2. The Role of Public Service Advertisements in Creating COVID-19 Awareness Deepa Tattimani Prof. Onkaragouda Kakade	4
3. Mentoring the Minds: The New Normal Communication Paradigm Shobha Dhanwatay	12
4. News Values in Pandemic Coverage: Analysis of Covid-19 Stories in Indian Newspapers Dr. Archana R Singh Priyanka Ohri Ishrat Singh	20
5. Covid-19 'Infodemic' and Vulnerable Communities: A Content Analysis of Daily Newspapers Dr. P.J. Mathew Martin	27
6. Editorial Coverage of Covid-19 in Marathi Dailies Sakal and Pudhari Chandrakant M. Kabade Dr. Nitin Randive	39
7. Role of Regional Newspapers During COVID-19: Content Analysis of Selected Newspapers of Assam Gitali Kakati Debahuti Chakravorty	45
8. Covid-19 Lockdown and Environment: A Study of Western Ghats Supriya Shelar Nisha Pawar	51

Dr. S.P.S. Rana
NAAC Coordinator
S.M.P. Govt. Girls P.G. College
Meerut

	COVID and Print Industry: Financial Implications and Strategies	
	Dr. Vahini	60
10.	The Role of Media and Marketing During COVID-19 Pandemic in Australia and India	
	Devanshi Tewari	69
11.	Covid as a Marketing Tool for Advertisements	
	Shourini Banerjee	
	S. Balaganapathy	81
12.	Community Radio in Odisha: Ensuring Last-mile Awareness on COVID-19	
	Dr. Jayant Kumar Swain	87
13.	Corporates and Corona: A Case Study on CSR Activity During COVID-19 Crisis	
	Anuradha Inamdar	
	Dr. Nisha Pawar	97
14.	Credibility Crisis During Pandemic: Tackling Incidents of Infodemics and Fake News	
	Ms. Gitali Kakati	
	Dr. Trisha Dowerah Baruah	108
15.	Fake News Hurdle in Crisis Management During Pandemic	
	Dr. Sanjayakumar M. Malagatti	116
16.	Impact of Covid-19 on Indian Media Industry: Challenges and Prospects	
	Dr. Kaifia Ancer Laskar	122
17.	Role of Kannada News Channels in Creating COVID-19 Awareness: A study of Vijayapura District in Karnataka	
	Dr. Tahmeena Nigar Sultana	
	Sandeep	
	Prof. Onkaragouda Kakade	128
18.	Positivity in Social Media During COVID-19 Pandemic	
	Krishna Trivedi	
	Dr. Subhash Sharma	137

Dr. S.R.S. Dopa
NAAC Coordinator
S.M.P. Govt. Girls P.G. College
Meerut

19.	Social Responsibilities of Media Towards Child Safety During COVID-19	Archana Sharma	147
20.	Use of OTT Platforms During COVID-19 Pandemic	Dr. Sumedha S. Salunkhe	153
21.	Migrant Labour Issues and Media	Kalyani Ramesh Rathod	164
22.	COVID-19: Environmental Reasons and Lessons	Dr. Mayura Bijale Dhananjay Bijale	175
23.	Media Consumption Pattern During the Lockdown	Dr. Rajeev Ghode	181
24.	Education in COVID-19 Time: With Special Reference to Social Media Efforts of MHRD to Meet Lockdown Challenges	Sandeep Bhatt	190
25.	Positive from Covid-19 : New Media Aids Learning in India	Vithika Salomi	198
26.	Impact of COVID-19 - Communication on Rural Population: A Case Study	Dr. Manoj Mishra	206
27.	COVID-19 and Media: Some Facts	Dewesh Pandey Dr. Ajay Kumar Singh	212
28.	Corporate Social Responsibility During COVID-19 Pandemic: A Study Indian Companies' Support in a Health Crisis	Dr. Meenakshi Upadhyay	219
29.	Role of Community Radio in Fighting COVID-19 Pandemic	Saheb Kumar	230
30.	Folk Art and COVID-19	Dr. Mrinal Chatterjee	

Dr. S.P.S. Rana
NAAC Coordinator 236
S.M.P. College
Meerut

'Thou Shall Not...': Journalistic Ethics in Times of Covid-19

Dr. Suparna Naresh

Dr. Naresh H Rao

243

32. Covid-19 and Communication in New Visual World

Syed Ali Mujtaba

252

33. Deconstructing Covid-19 Communication in India - Lessons learnt

Prof. Jaishri Jethwaney

256

☆☆☆

Dr. S.P.S. Rana
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एहसास तेरे मेरे

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मेरठ

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विषय-सूची

क्र.	शीर्षक	पृष्ठ स.	क्र.	शीर्षक	पृष्ठ स.
1	नासमझ	1	22	गुजारिश	11
2	फूल	1	23	बेड़ियां	12
3	रुह	2	24	आस	12
4	बिखेर कर	2	25	आज और कल	13
5	सहलाता रहा	3	26	तीखे तल्लू	13
6	भोज	3	27	हृद	14
7	राज़	4	28	वादा	14
8	सितम	4	29	सुध	15
9	नासमझियां	5	30	इशारा	15
10	नफरत	5	31	बेबक	16
11	तमाशा	6	32	अस्तित्व	16
12	विदाई	6	33	सीरत	17
13	क्रतार	7	34	समझे से परे	17
14	सादगी	7	35	बाढ़	18
15	एक हो चाह	8	36	ग़म	18
16	पाप	8	37	ज़िंदगी	19
17	पाक़ दिल	9	38	सुकुं	19
18	चोट	9	39	आज़ाद	20
19	ख़ास	10	40	अंतर्मन	20
20	परवान	10	41	बगीचा	21
21	ख़याल	11	42	बेहोश	21

Dr. S.P. Rana
NAAC Coordinator
S.M.P. Govt. Girls P.G. College
Meerut

43	राबता	22	68	सच	34
44	ऐतबार	22	69	बदल रहा सब	35
45	रिश्ता	23	70	इल्जाम	35
46	दिल की बेशर्मी	23	71	राह	36
47	इंसा	24	72	महक	36
48	भरोसा	24	73	रहस्य	37
49	मुहर	25	74	घड़ी	37
50	बेरंग	25	75	आम	38
51	बेचैन	26	76	पूछ	38
52	संवरना-बिखरना	26	77	सहेज लूं सुकून	39
53	संवार लो	27	78	एक दूजे के	39
54	माशाअल्लाह	27	79	साथ	40
55	ऐ जिंदगी	28	80	खरा	40
56	खोट	28	81	साकार कर	41
57	वादे	29	82	कंजूसी	41
58	समां	29	83	तन्हाई	42
59	हैरान हैं	30	84	इत्तेफाक	42
60	इज़हार	30	85	इम्तिहान	43
61	मुकम्मल	31	86	पल	43
62	नाम	31	87	जीवन-मौत	44
63	एलान-ए-इश्क	32	88	मोती	44
64	अधिकार	32	89	लुत्फ	45
65	हुनर	33	90	रास्ता	45
66	हमराज़	33	91	चलन	46
67	फ़रियाद	34	92	महल	46

Dr. S.P.S. Rana
NAAC Coordinator
S.M.P. Govt. Girls P.G. College
Meerut

93	ढूढ रहा था	47	118	खाली हाथ	61
94	तमाशाबीन	47	119	दगा.	61
95	मेरा	48	120	हे प्रिये!	62
96	पाबंदी	48	121	जनाज़ा	63
97	नज़र	49	122	घुटन	63
98	भ्रम	49	123	जान गया	64
99	मिसालें	50	124	सहेज ले	65
100	ज़ख्म	50	125	ज़माना	65
101	साहस	51	126	क्यों	66
102	ज़माना	51	127	कायनात	66
103	समय	52	128	सबब	67
104	वक्त	52	129	शिकन	67
105	वही	53	130	ख़बर	68
106	उड़ान	53	131	पाकीज़ा	68
107	सजदा	54	132	ख़्वाब	69
108	शक्ति-प्रदर्शन	55	133	इंसाफ	70
109	हिसाब	56	134	महक	71
110	परवाह	56	135	गरमाइश	72
111	तू है कहां	57	136	कहना-सुनना	73
112	अपना	57	137	पड़ाव	73
113	वही हो गया	58	138	नया-पुराना	74
114	आदत	59	139	आरजू	74
115	अंश	59	140	साथ चलना	75
116	यकीन	60	141	मंज़िल	76
117	वक़ालत	60	142	ख़ल	77

Dr. S.P.S. Rana

NAAC Coordinator

S.M.P. Govt. Girls P.G. College
Meerut

143	सौतेला	78	161	आज़ादी	92
144	दीवानी	78	162	फ़ितरत	92
145	आगोश	79	163	क्या हुआ?	93
146	वजूद	79	164	आसमां	94
147	दोस्त-दुश्मन	80	165	क्रिस्ता	94
148	ज़रा	80	166	ज़िंदगी	95
149	पहेली	81	167	इश्क	95
150	नया संसार	82	168	परदानशी	96
151	काश	83	169	ग़ज़ब	96
152	थामे है डोर	84	170	वे कहते हैं	97
153	नासमझी समझ की	85	171	शुष्क	98
154	राजी.	85	172	जन्नत	99
155	ख़ुदा की क़सम	86	173	बेहयायी	100
156	आइना	86	174	दीदार	101
157	आत्मविश्वास	88	175	बेटी	101
158	मंझधार	89	176	माँ	103
159	ख़ुद के लिए	90	177	लोक-कलाकार	105
160	तेरी वो	91			



Dr. S.P.S. Rana
 NAAC Coordinator
 S.M.P. Govt. Girls P.G. College
 Meerut

Contents

Editorial	III
1. Combating Post Truth, Fake News, False News and Censorship Prof Ujjwal K Chowdhury	1
2. Media Power: Fashion Blogging as Catalyst for Social Change Prof (Dr) Charu Lata Singh	9
3. Molding Opinion & Maneuvering Policy: Social Media Anupa Lahkar Goswami	20
4. Communicating Climate Change through Media: Can IT Tools help in better Advocacy? Esther Kar	28
5. Media: Climate Change and Environmental Studies Prof Upendra Padhi	34
6. Climate Change Communication with Communities through Community Radios Shweta Prajapati	37
7. ICT for Climate Change Adaptation in Agriculture Asha Dagar, Roopnarayan Pooniya, Kesar Chayal, Dr Lalita Vatta	47
8. Media, Technology and Science Communication Dr Anshu Arora	58
9. Changing Trends of Journalism through Mojo Dr Rajeev Kumar Panda	66
10. Political Advertising in India: A Conceptual Analysis Dr Richa Yadav	74
11. Usage of New Media Tools by Journalists working in Kashmir: Advantages and Issues Dr Iram Rizvi	79
12. Uncovering the Twitter Priority of Digital India Initiative over a Period (November 21, 2016 to November 20, 2017) Dr Amrita Chakraborty	92
13. Newsroom Automation: Complex Journalism Simplified Ashim Sekhar Paul	108

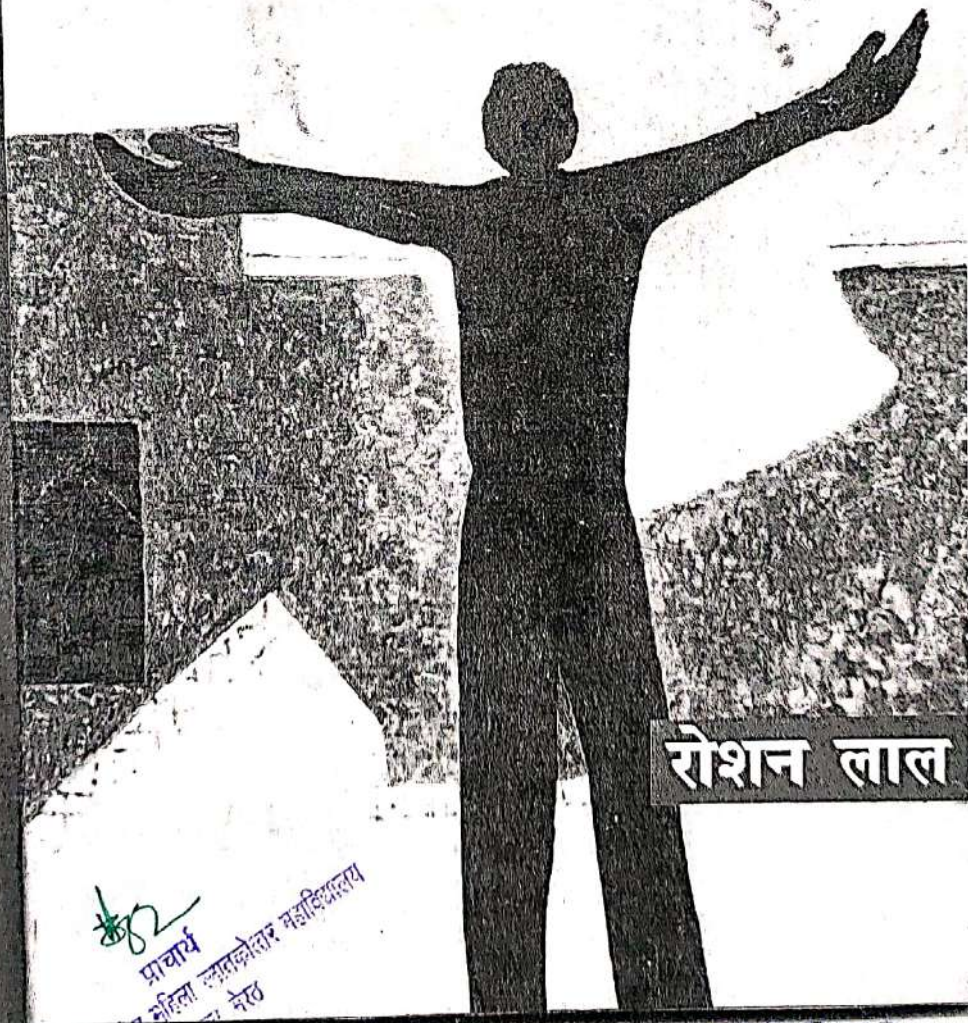
Dr. S. S. Pana
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 S.M.P. Govt. Girls P.G. College
 Meerut

	Power of (Animation and VFX) Media in Shaping New Age Cinema Prof Suraj Dhar.....	114
15.	Innovative Strategies in Rural Marketing Pijush Dutta.....	124
16.	OTT Platform for Traditional Broadcasts: An Indian Perspective Dr Fakira Mohan Nahak.....	134
17.	Popularity of Web-Series in India: A Study Dr Manju Rughwani, Thomas V Aghamkar.....	141
18.	Internet as the Agent of Change Swati Pareek.....	152
19.	Community Radio as a Tool of Open and Distance Learning Alakesh Das.....	159
20.	Fidelity to the Text: an Analysis of Narrative Structures in Jahnu Barua's Film Halodhiya Choraye Baodhan Khai Nasiruddin Ahmed.....	168
21.	Perception about Effectiveness of Movies on Stress Management Bhupender Singh, Dr Manoj Dayal.....	178
22.	Historical Perspective of Media Education: In Context to Gujarat Jeet Deepak Dholakia.....	189
23.	Use of Multimedia in Higher Education Public & Private Partnership Dr Yayati Madan G Gandhi.....	195
24.	Role of Media in Addressing Violence against Children Biranchi Narayan Seth.....	210
25.	Analyzing the Role of ICT in Social Awareness Campaigns Ruchika Kumari, Dr. Rachana Gangwar.....	219

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अनुक्रम

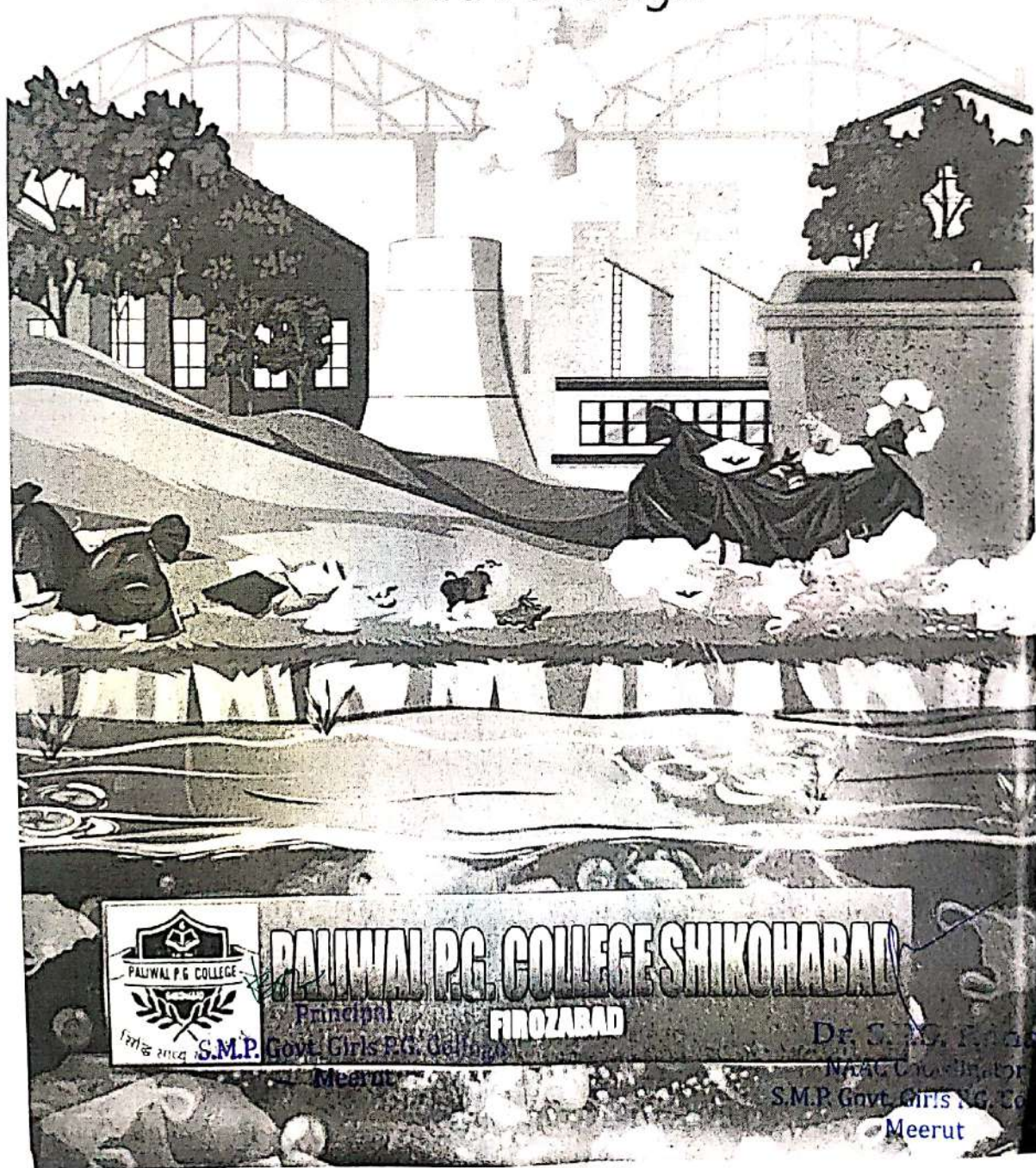
अनुष्ठ	05
प्रस्तावना	07
काननवादी	13
मीदन	49
प्रकाश से तात्पर्य	60
विस्तार	72
पदचान	76
उन्नति की चाह	84
व्यवहार	87
सहजता	90
सेहत और दुःखी	94
बदलाव	101
दुःख और निराशा	106
परिवार	111
दुःखियाँ	116
अपेक्षा और उम्मेद	122
अतीत	125
गाँवों से मुक्ति	136
दीप्त	140

शब्दों में सदेव / 11

Dr. S.P.S. Rana
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Meerut

Pollution & Its Impact Upon Flora and Fauna

Editor
Dr. Mitra Pal Singh



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Meerut

9. **Control of Environmental Change**
— **Anuradha Negi** 141
10. **Environmental Pollution and Their Socioeconomic Effects**
— **Anuradha, Kapil Kumar & Jagjit Singh** 145
11. **An Alternative Approach to use Solar Energy in Modified Silicon Wafers**
— **Anna Verma** 149
12. **Impact of Agri-chemicals on Paddy Field Breeding Mosquitoes (Diptera: Culicidae) in Dist. Bath (U.P.)**
— **Dharmendra Singh** 153
13. **Impact of Climate Change and Global Warming**
— **Dr. Jyoti Chaudhary** 157
14. **Fuzzy logic and its Implication in Conventional Artificial Intelligence to Computational Artificial Intelligence in the Context of Machine Learning**
— **M.K. Sharma & Nitesh Dhimar** 161
15. **Environmental Pollution and its Impact on the Globe**
— **Mazida Ahmed** 165
16. **Impact of Rainfall on Indian Economy**
— **Dr. Md. Mahmood Alam** 169
17. **Pollution of Freshwater and Biodiversity**
— **Dr. Pradeep Kumar** 173
18. **Studies over Standardization of Root Trainer Size and Proper Potting Mix for Dalbergia sissoo (Shisham)**
— **Ramesh Chandra Dubey, Jyoti Kumar Chaudhary, & R. K Dixit and A. Kumar** 177
19. **Studies Of Rajasthan Environment Policy 2011**
— **Dr. Suresh Agarwal, Dr. Jagriti Singh, & Rakhi Mehta** 181

Impact of Climate Change and Global Warming

Dr. Jyoti Chaudhary

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ABSTRACT

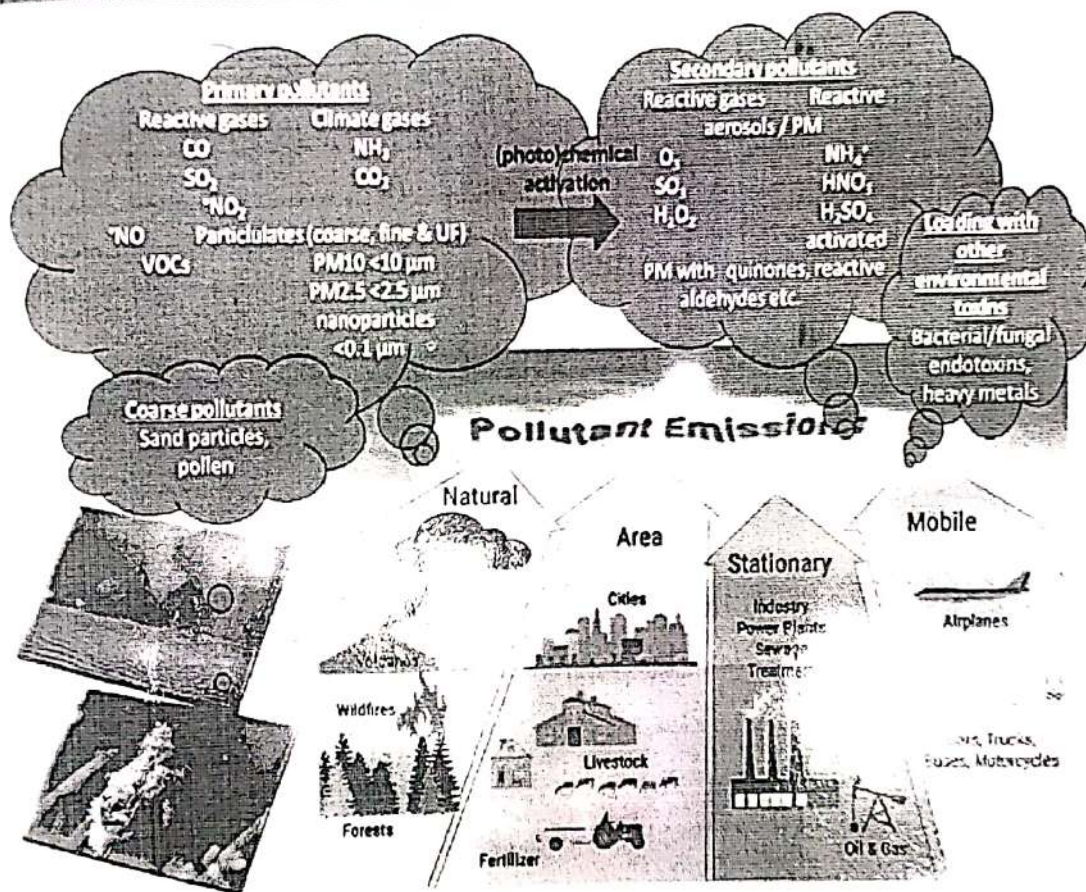
Many researchers, are demonstrate serious concerns about changes in the overall climate of the planet. Industrialization and urbanization has always been seen as a key element to earn wealth and a way of better living but in reality these revolutions have not only hampered with the environmental balance but has also lead to the biggest prevailing catastrophic problem – Global Warming. Environmental damage caused by improper management of resources or by careless human activity results in global warming.. Global warming will raise sea levels and change climate all over the world. The earth and its environment are facing a serious threat by the increasing green house gases. The harmful effects of global warming on our biosphere are such that unless checked immediately, the planet will become inhabitable for all humans, animals and life. This paper introduces Global warming, its causes and preventions. Finding and using renewable sources of energy is one of the methods to overcome the ever increasing global warming effectively. The article used materials from the media and reference publications.

Keywords: Global warming, Environment, climate change etc

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Environmental Pollution: Challenges and Remedies

(पर्यावरण प्रदूषण: चुनौतियाँ एवं समाधान)



Editor: Dr. Mitra Pal Singh



Paliwal (PG) College, Shikohabad

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Meerut

Contents

1. Cadmium and UV-B affects the growth and nitrogen metabolism in cyanobacterium *Cylindrospermum* sp. 01- 12
Abhishek Chris
2. Environmental Pollution: Challenges & Remedies 13 - 28
Dr. Ajay Kumar, Dr. Shalini
3. Pollution and Its Impact on Biodiversity 29 - 38
Amit Verma
4. Global Warming – Causes, Effects and Solutions 39 - 52
Dr. Anita Sharma, Dr. Sachin Sinduria
5. Chronic Chromium Exposure Leads Degenerative Changes in Respiratory Epithelium & Kidney in Animals 53 - 60
Balveer Singh Dhami
- ✓ 6. A Review on Air, Water and Soil Pollution 61 - 68
Dr. Daisy Verma
7. Forest fires and their environmental impacts 69 - 82
Guswarni Anwar
8. Pollution of Air, Water and Soil 83 - 96
Hema Solanki
9. Environmental Pollution : Challenges and Remedies

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A Review on Air, Water and Soil Pollution

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The word "Pollution" means contamination. This contamination may be of different types like contamination in air, water, soil, noise, thermal, radiation and E-waste etc. For example: when we perform a number of daily activities such as bathing and washing of clothes with soaps and detergents. By doing so, we add some chemical residue to water and change its quality. This water may mix with the water of ponds and rivers due to ignorance and carelessness. In our country we worship all rivers but on the contrary make them dirty by disposing water bottles, wrappers, eatable substances etc. This is a one type of pollution called water pollution and similarly in air by adding toxic components, smoke and smog make air pollution. Soil pollution is defined as, "contamination of soil by human and natural activities which may cause harmful effect on living organisms". In this review paper we have tried to discuss three types of pollution named air, water and soil pollution in detail and also tried to find out the various ways to reduce the pollution in our country.

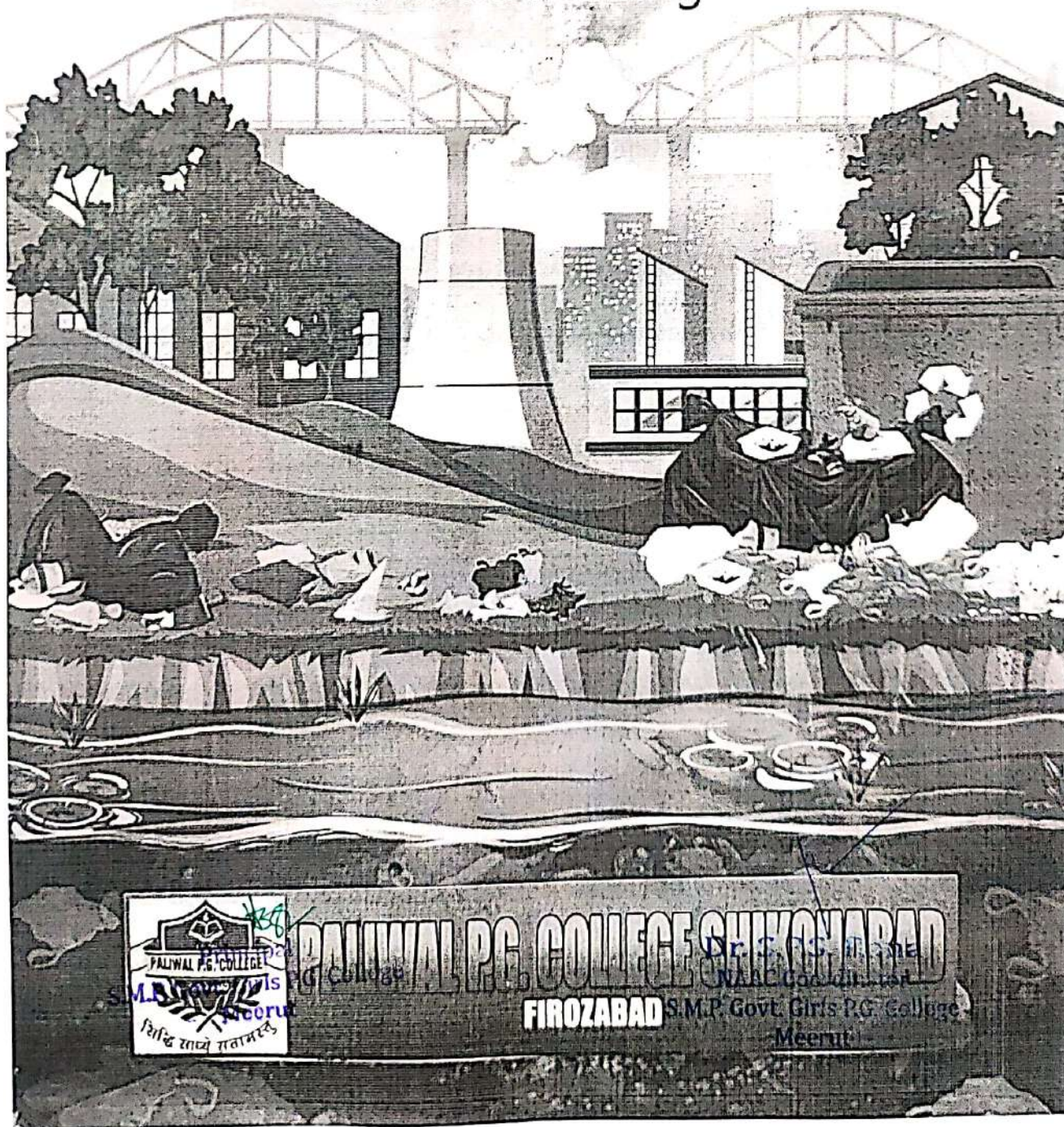
1. Introduction

Pollution is the introduction of contaminants into the natural environment that causes adverse change. Pollution can take the form of chemical substances or energy such as noise characteristics of air, water and soil which causes the health problems like, heat or light. Environmental pollution means adding the impurities to the environment. It is an undesirable change in chemical, physical and biological characteristics of air water and soil which causes the health problems to all the living beings. Environmental pollution is one of the most serious problems facing humanity and other

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Pollution & Its Impact Upon Flora and Fauna

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Meerut**

20. Cooperative Learning: A Beneficial Approach for the Students of Slum Areas — <i>Prof. Seema Dhawan & Nirmala</i>	213
21. Pollution and its Types — <i>Dr. Shah Raziq Khalid</i>	217
22. Phytotoxic Effects of Heavy Metals in Plants — <i>Shyam Govind Singh</i>	234
23. Environmental Pollution: Causes, Impact and Strategies to Overcome — <i>Saloni Soni and Aparna Pareek</i>	247
24. Environment Protection Through Laws and Policies: A Study — <i>Dr. Soshal</i>	258
25. Effect on Fish Growth Performance by Replacing Vegetable Protein with Animal Proteins — <i>Sunita Yadav, Kamal Prakash</i>	269
26. Impact of Globalization on Environment — <i>Dr. Sushma Saini, Dr. Abha Saini & Vikrant Panwar</i>	280
27. Impacts of Water Pollution on Human Health — <i>Dr. Vandana Rathore</i>	297
28. Pollution is the Poison for our Planet — <i>Dr. Veena Chauhan</i>	304
29. Study of Bioaccumulation of Elements by Aquatic Plants — <i>Vishal Pathak</i>	317
30. Environmental Pollution and its Types: An Overview — <i>Vishrut Chaudhary</i>	325
31. Analysis of Monthly Variations of Phytoplankton groups (org/L-1) in water reservoir of Shikohabad — <i>Vivek Kumar & Kamal Prakash</i>	339

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Environment Protection Through Laws and Policies: A Study

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ABSTRACT

When any environmental decision is taken, it usually incorporates a combination of science, values and economics. An interaction of these three disciplines can lead to the formulation of policies that pertain to the environment and climate issues. India's Environment Policy, which has developed over decades, encapsulating in it a lot of colonial influence as well. These policies have been an outcome of the economic needs of the nation, combined with the value systems enshrined in society as well as the technology at hand. Therefore in such a dynamic setup significance of this law journal enhances many folds.

Keywords: Environment Policy, Judiciary System of India
Environment Protection.

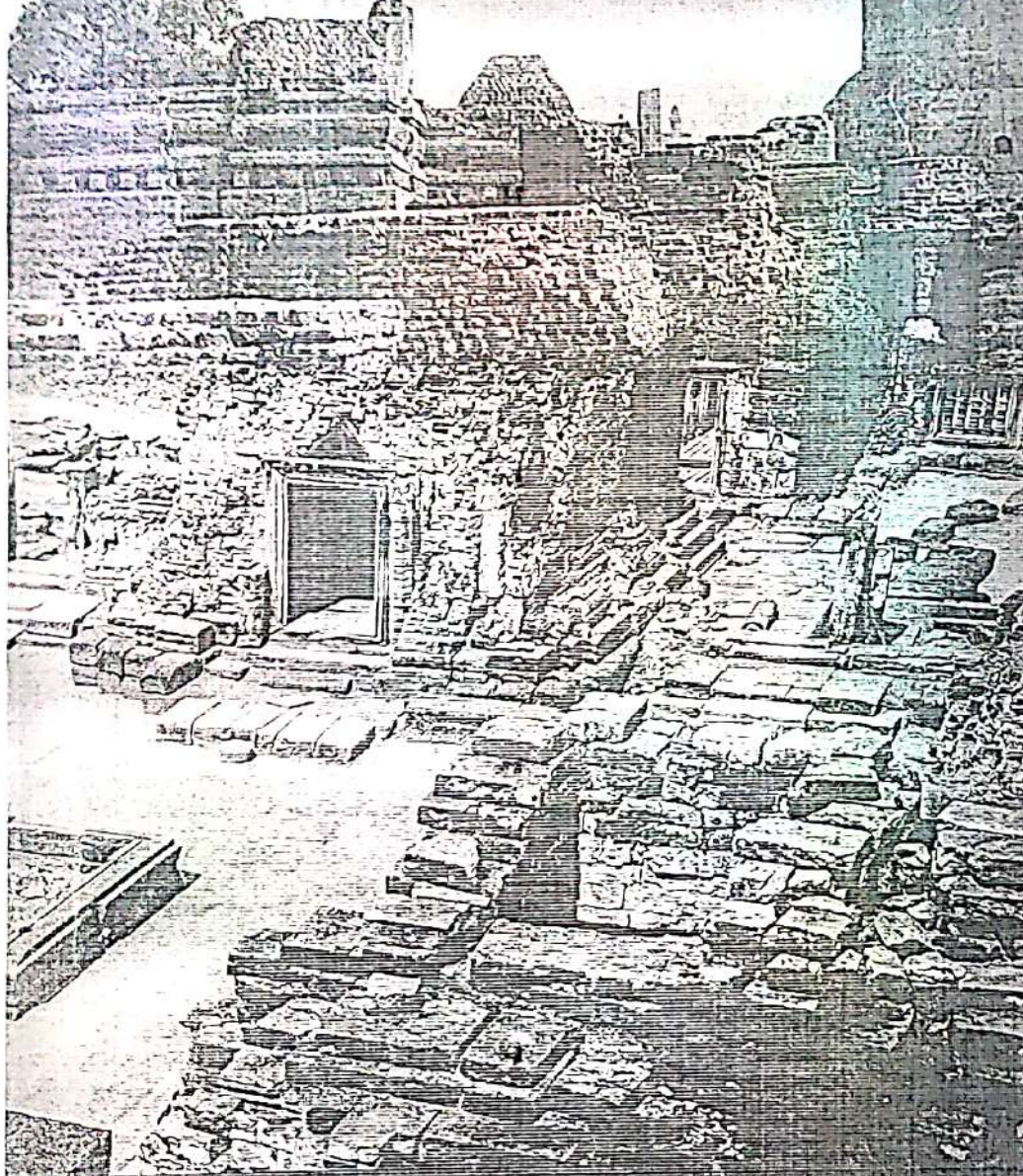
Introduction

Environment provides basic resources for growth

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प्राचीन भारत का इतिहास

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अनिता गोस्वामी


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प्रयोग : प्रयोग का उद्देश्य जानने के माध्यम
प्रयोग करने पर निष्कर्ष निकालना, ज्ञान बढ़ाना,
निष्कर्ष निकालना

~~2. Intermittent fasting~~

महाराष्ट्र शासन, न्याय विभाग, मुंबई

१. निम्न चर्चा की सहायता

संस्कृत-संस्कृत, अथ निर्धारणः, संस्कृत-संस्कृत का विवेचनः, संस्कृत-संस्कृत, संस्कृत का विवेचन

4. ~~सिद्धांत~~ ~~सिद्धांत~~ ~~सिद्धांत~~

सर्वोच्च शिक्षण प्रमाणन, सामाजिक न्यायदाता, आर्थिक स्थिति: उच्च-
वैदेशिकप्राप्तीसाठी समर्थता, अथवा साक्षित, **NAAC**
द्वारा। **NAAC**

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5. छठी शताब्दी ई.पू. के धार्मिक आंदोलन
गौतम बुद्ध और बौद्ध धर्म की उत्पत्ति; बुद्ध के उपदेश; वर्धमान महावीर और जैन संन्यास; अन्य अनीश्वरवादी विचारक; नवीन धार्मिक आंदोलन का प्रभाव
103
6. महाजनपद काल (छठी शताब्दी ई.पू.)
नगरीय केंद्रों का उत्थान (महाजन पद काल); व्यापारिक मार्ग तथा आर्थिक विकास (महाजनपद काल)
119
7. मगध साम्राज्य का उत्कर्ष
मगध के उत्कर्ष के कारण; विजिसार (544 ई.पू. 492 ई.पू.); अजातशत्रु (492-460 ई.पू.); उदयभद्र अथवा उदयन (460-444 ई.पू.); शिशुनाग वंश (412-344 ई.पू.); नंद वंश (344 से 324-23 ई.पू.); कौटिल्य तथा अर्थशास्त्र
126
8. सिकंदर का आक्रमण
सिकंदर का सिंधु को प्रस्थान; पश्चिमी भारत के राज्यों द्वारा किए गए प्रतिरोध; सिकंदर के लौटते समय संघर्ष; परिणाम; सिकंदर का यूनानी आक्रमण
137
9. मौर्य साम्राज्य
चंद्रगुप्त मौर्य (संस्थापक); अशोक; अभिलेख (राजाज्ञाप); प्रथम कलिंग प्रज्ञापन; अर्थव्यवस्था; शिल्प तथा उद्योग-धंधे; मौर्य काल; अशोक का धम्म; अशोक और बौद्ध धर्म
146
10. उत्तर-मौर्यकाल व उसकी अवस्था
शुंग-वंश; उत्तर-मौर्यकाल (इंडो-ग्रीक); यूनानी संघर्ष का भारत पर प्रभाव; शक; मयुर के उत्तरी क्षत्रप; पश्चिमी क्षत्रप; उत्तर-मौर्यकालीन भारत की अवस्था
182
11. कलिंग राज खारवेल
खारवेल की उपलब्धियां एवं तिथि; खारवेल का तिथिक्रम;
197
12. कुषाण काल
कनिष्क; कुषाणों के अधीन भारत की अवस्था
202
13. आंध्र सातवाहन वंश
प्रारंभिक इतिहास; गौतमीपुत्र शातकर्णी
216

खण्ड 2

14. संगमकाल
संगम युग के तमिल राज्य
226
15. गुप्तकाल
समुद्रगुप्त का दक्षिणपथ अभियान; काच समस्या; रामगुप्त की ऐतिहासिकता/साधन; चंद्रगुप्त द्वितीय विक्रमादित्य (375 ई. से 415 ई. तक); रघुवंश; कुमारगुप्त प्रथम 'महेंद्रादित्य'; स्कंदगुप्त 'विक्रमादित्य' (लगभग 455-467 ई.); परवर्ती गुप्त शासक एवं गुप्त वंश के पतन का प्रारंभ; हूणों का आक्रमण; गुप्तों के पतन के कारण; गुप्तकालीन भारत; वर्णाश्रम धर्म, जातियां तथा उपजातियां; सामाजिक जीवन; गुप्तकालीन स्त्रियों की स्थिति; शिक्षण संस्थाएं; कला एवं वास्तु कला
238
1. हर्षवर्धन (606 से 647 ई. तक)
साहित्यिक साक्ष्य; हर्ष का साम्राज्य विस्तार; हर्ष के धार्मिक आभोजन
285
2. राजपूतों की उत्पत्ति
कदंब वंश; गंग राजवंश
300
3. राष्ट्रकूट राजवंश
इतिहास के साधन; राष्ट्रकूट राजवंश; राष्ट्रकूट राजवंश के प्रमुख तथ्य
304
4. गुर्जर-प्रतिहार वंश
308
5. चंगाल का पाल वंश एवं सेन वंश
त्रिपक्षीय संघर्ष; सेन वंश
310
6. कलचुरी-चोड़ वंश
314
7. गहड़वाल
316
8. चंदेल
320

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S.M.P. Gupta Girls P.G. College
चंदौली की उत्पत्ति; धर्मदेव चौराई कृतित्व; योगेश शर्मा; मेरु (संस्कृत)
Meerut

x प्राचीन भारत का इतिहास

9. चाहमान वंश 337
चाहमान उत्पत्ति का सिद्धांत; विदेशी उत्पत्ति के सिद्धांत; भारतीय मूल संबंधी सिद्धांत; चाहमानों का आदिदेश; चाहमानों का प्रारंभिक इतिहास; विग्रहराज विसलदेव; पृथ्वीराज तृतीय (चौहान); पृथ्वीराज चौहान की उपलब्धियां; चालुक्यों से संघर्ष; तुर्कों से संघर्ष
10. चालुक्य 350
चालुक्य वंश; वादामी के चालुक्य; इतिहास के स्रोत; हर्ष तथा पुलकेशिन द्वितीय का युद्ध; गुजरात के चालुक्य (सोलंकी)
11. परमार 361
परमार वंश; सिक्क हर्ष द्वितीय (948 से 974 ई.); वाकपति द्वितीय (मुंज) उत्पलराज 974 से 995; भोज (1005-1025 ई.)
12. पल्लव 370
पल्लव कला
13. चोल राजवंश 381
चोल-प्रशासन
14. अरव व तुर्क आक्रमण 392
अरव का आगमन; अरवों के भारत पर आक्रमण का परिणाम; तुर्कों का आगमन
15. राजपूत-युगीन संस्कृति 397
क्षेत्रीय वास्तुकला; धार्मिक संप्रदाय; सामाजिक दशा; तमिल भक्ति आंदोलन
16. दाह्य जगत से भारतीय संपर्क 407

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Meerut