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International Centre for Buddhist Studies
Ramdaspath, Nagpur



International Conference on **BUDDHISM IN CONTEMPORARY TIMES : RELEVANCE FOR PEACE, NON-VIOLENCE AND SOCIAL HARMONY**

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Relevance of Buddhism in English literature and politics

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Buddhism has a permanent appeal. It is rather the only resort of man in the midst of possibilities of a clash between powerful groups of countries for their blind ambition of surpassing one another. Buddha's teaching is the best remedy for the disease of ambition that the mankind is suffering from. Not to exaggerate, Buddhism is the one and only philosophy that speaks of life in straightforward terms and offers humanity a very practical way to be free of sorrow caused by desire and hence it pulls in the litterateurs across the world. The authors, poets, essayists, playwrights and so on in English literature use Buddhism to justify their own views on life. In the same way, the political field is full of such people who have turned over-aspiring to gain power and ready to cross any limit for the fulfilment of the same. At such a critical juncture, the world is desperately in need of Buddha and his thoughts. That is why Buddhism is still relevant in politics as well.

Key Words: Buddhism, English literature, politics, T. S. Eliot, W. B. Yeats

बुद्ध धम्म तत्व का आंबेडकरवादी साहित्य में आविश्कार

वर्षा चहादे (सहा. शिक्षिका)

भारतीय बौद्ध इतिहास की सहस्राब्दियों से संचित उर्जा जिन में प्रस्फुरित हुई वह परमपुज्य डॉ. बाबासाहेब आंबेडकर का नाम अमर रहेगा। डॉ. आंबेडकरजी ने लाखों करोड़ों लोगों को इकट्ठा करके उन्हें बुद्ध के परण में ले गए। इन्हीं के प्रयास से भारतवर्ष के बौद्धों का पुणर्जागरण हुआ, इन्हीं के प्रेरणा के आधार पर राष्ट्रीय एवं आंतरराष्ट्रीय स्तर पर विद्यालयों को गौरवान्वित किया। डॉ. आंबेडकरजीने सहस्राब्दियों से अपने को भूली हुई राष्ट्र के बहुसंख्याक एवं उपेक्षित जनता के अर्तः मन को झकझोर दिया।

इसके फलस्वरूप बुद्ध के संस्कारों को स्विकारा तथा बुद्ध तत्वज्ञान को अपने साहित्य में आविष्कृत किया। बौद्ध धम्म तत्व के नुसार, स्वातंत्र्य, समता, बंधुता, न्याय एवं पिशा इन पंचसुत्रों का मेल करके इस देश में जातीयता का एवं विरामता का विनाश करके नवरूप से आदर्श समाज की रचना करना इसको बाबासाहेब ने अनन्य साधारण महत्व दिया था। इसी के मार्ग पर जाते हुये इनके विकास में आंबेडकरवादी साहित्यकारों ने अपना अमूल्य योगदान दिया है। ब्राम्हणवाद ने जाती, भाषा पास्त्रप्रमाण्य, पिशा क्षेत्र, तीर्थपूजा, चिकित्सा, राज्य, अधिकार, अपराध दण्ड से संबंधित सभी मान्यताओं और आवश्यकताओं को रहस्याधारित संस्कारों पर खडा किया था किंतु आंबेडकरवादी विचारवंतों के तार्किक परीक्षण में वे टिक नहीं सके। वैज्ञानिक दृष्टि के बिना मनुष्य का आध्यात्मिक मूल्य नहीं बढ़ सकता, उसके बिना व्यक्ती के समक्ष समाज का वह विराट स्वरूप नहीं निखारता जिसके प्रति व्यक्ती अपने को समर्पित कर जीवन में कृतर्जता कर सके। जीवन को सफल बनाने के लिए बुद्ध तथा आंबेडकरवादी विचारधारा को अपनाके आंबेडकरजी जनोंने बड़े बड़े साहित्य जिसमें काव्य, कथाएँ, उपन्यास, नाट्य लिखे एवं मुर्तिकला, वास्तुकला आदि विविध कलाओं का विकास किया। तथा बुद्ध तत्वज्ञान से समाज जीवन के प्रति गतिशील दृष्टि लेकर उसे परिष्कृत किया। बुद्ध धम्म तत्व के मार्ग पर जाते हुये आंबेडकरवादी साहित्य में अनात्मवाद, अनिष्परवाद, अनित्यवाद, बुद्धप्रामाण्यवाद यह जीवन के अति प्रिय मानकर प्रज्ञा, धैर्य, करुणा एवं मैत्री इन तत्वों के साथ नैतिक शिक्षा को विशेष स्थान दिया।

आंबेडकरवादी साहित्यने सामाजिक एवं धार्मिक अन्याय का केवल विरोध ही नहीं किया, बल्की 'नकार', 'विद्रोहता' के साथ प्रत्युत जीवन और दर्शन के प्रत्येक क्षेत्र में एक नया विकल्प प्रस्तुत किया, जिसने अपने को ब्राम्हणवादी परंपराओं से अधिक स्वस्थ, श्रेष्ठ और मानवग्राही सिद्ध किया। पुरानी दुनिया में दर्शन, न्याय, साधना कला और संस्कृती के क्षेत्र में बौद्धों का कोई सानी नहीं था। आज भी दुनिया में एषिया का जो आकर्षण है वह बौद्ध धर्म दर्शन और संस्कृति ही है।

अतः आंबेडकरवादी साहित्य दुःखों का कारण दिखाके वो दूर करने का मार्ग दिखानेवाले समाज में अन्याय, अत्याचार, विरामता, पोशाण इनके विरोध में लड़ने का सामर्थ्य देणे एवं मानवी कल्याण के लिये प्रेरणा तथा बुद्ध का संदेश देनेवाला है।





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INDIAN BANKING SECTOR: ITS CHALLENGES AND OPPORTUNITY

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FINANCIAL ANALYSIS OF MERGER OF SBI WITH ITS 5 ASSOCIATE BANKS AND BHARTIYA MAHILA BANK

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ISSUES AND CHALLENGES FACING INDIAN BANKING SECTOR

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SUITABILITY OF SOME TRAINING TECHNIQUES IN BANKING SECTOR

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A CONCEPTUAL RESEARCH ON EMERGING TRENDS OF KNOWLEDGE MANAGEMENT PRACTICES IN INDIAN BANKING SECTOR

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"A STUDY OF INVESTMENT PATTERN OF RURAL INHABITANTS RELATING TO BANKING SCHEMES IN PANHALA TALUKA."

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Indian Banking Sector: Its Challenges and Opportunity

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Abstract:

This paper consist study of changing in banking scenario, challenges and opportunities faced by Indian banking and try to understand importance of Indian banking in today's modern era. India is a second largest populated country and the seventh number economy in the world. The economic reforms initiated by the Government of India as regards two decades ago have change the landscape of several sectors of the Indian economy. The Indian Banking sectors have been play vital role in Indian economy. Today service sector contributing half and above in the Indian GDP and Banking sector is most popular service sector in India. Banking sector in India has achieved a new height with the changing times. Adopt the new technology bring revolution in working method of the banks. Banks play an important role in the development of developing countries. Economic development involves investment in various sectors of the economy. The banking sector in India has an enormous canvas of history, which covers the traditional banking practices from the time of British India to reform period. Consequently, Banking in India has been beginning to end a long journey.

Banking sector acts as a backbone of contemporary business. A healthy organized banking system is essential for the economic development of a country. In India all commercial banks without Regional Rural Banks and Local Area Banks have become Base II compliant as on March 31, 2009. Banks being basic components of financial system are the most effective way to generate the credit flow of money in markets. At the same time banking industry similar to many other financial services face a rapidly changing market, new technologies, economic fears, nasty competition and especially more customers demands.


Introduction:

Indian economic growth rate is over the past decade has been one of the more vital development in the global economy. This growth has its roots in the introduction of economic liberalisations in the early 1990s, which has allowed India to utilize its economic potential and increase the standard of living of population. After the independence Indian economy depend on agriculture based, but day by day dependability of Indian economy shift to service sector. Banking sector plays important role in the service sector and has a very vital role in the Development process. The overall development of the country through service sector is more or less depend on the growth of banking sector, today Indian banking is very much growing. Though there is lot many of challenges and opportunities in Indian banking and that's why today Indian banking sectors is become very hot topic, In Indian every sectors of people talking about Indian banking scenario.

Key word: Banking, Economy, Development, Schedule and Non-schedule Bank.

Objective:




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निष्कर्ष :-

पवनी तालुक्यात प्राचीन इतिहास लाभलेले पर्यटन स्थळे आहे. हे स्थळ नैसर्गिक सौंदर्यानी परिपूर्ण तसेच वनपर्यटनाच्या दृष्टीनेही महत्वाचे आहे. भोसले, गोंड व गवळी राजांचा गौरवशाली इतिहास असणारा हा क्षेत्र आहे. तसेच बौद्ध धर्माशी संबंधित सुद्धा हा क्षेत्र आहे. पण या पर्यटन स्थळाचा विकास होवू शकला नाही. आज येथील अनेक पर्यटनस्थळ पुर्णपणे नामशेष होण्याच्या मार्गावर आहे. आज जर या पर्यटन स्थळाकडे दुर्लक्ष केल्यास हे पर्यटनस्थळ पुर्णपणे नामशेष होईल व गौरवशाली इतिहास काळाच्या आड दडल्या जाईल. त्यामुळे या पर्यटन स्थळाच्या विकासाकडे शासनाने तसेच भारतीय पुरातत्व विभागाने लक्ष द्यायला पाहिजे. या पर्यटन स्थळाचा विकास केल्यास भंडारा जिल्हयाचा विकास मडून येईल.

संदर्भग्रंथ :-

- अ.ज. राजुरकर, चंद्रपुरचा इतिहास, महाकाली प्रकाशन (१९५६).
- डॉ. नालिनी टेभेकर, पूर्व विदर्भातील प्रेक्षणीय व ऐतिहासिक स्थळे, पिंपळापूरे बुक डिस्ट्रीब्यूटर नागपूर.
- दिनेश नखाते, भंडारा जिल्हा गौरव (२००९).
- चंद्रशेखर गुप्त, विदर्भ ऐतिहासिक एवं भौगोलिक पृष्ठभूमी (१९९६).

□□□

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पूर्व विदर्भातील प्रमुख पर्यटन स्थळे व त्यांचा विकास : एक भौगोलिक अध्ययन (Development of Main Tourism Places in Eastern - Vidarbha : A Geographical Study)

प्रा. डॉ. किशोर वाय. ठाकरे
भूगोल विभाग प्रमुख,
यशवंतराव चव्हाण महाविद्यालय,
लाखांदूर जि. भंडारा

सारांश :- (Abstract)

पूर्वीच्या काळात जगाचे नवीन भाग शोधणे, प्राचीन स्थळांचा अभ्यास करणे अशा अनेक विशिष्ट उद्देशाने प्रवास केला जात होता. परंतु अलिकडील काळात केवळ मनोरंजन म्हणून लोक पर्यटन करतात. यामुळेच पर्यटन उद्योगाला देशाच्या अर्थव्यवस्थेत महत्वाचे स्थान आहे.

भौगोलिक दृष्टीकोणातून पूर्व विदर्भातील पर्यटन स्थळांचे अध्ययन करण्याच्या उद्दिष्टाने हा अभ्यास हाती घेण्यात आला आहे. पूर्व विदर्भात नैसर्गिक सौंदर्यस्थळे, धार्मिक, ऐतिहासिक, सामाजिक व सांस्कृतिक पर्यटन स्थळे उपलब्ध आहेत. त्यांचा विकास साधण्याच्या दृष्टीकोनातून प्रस्तुत शोधनिबंध लिहीण्याचा प्रयत्न केला आहे. पर्यटन स्थळांचा पूर्व विदर्भातील अभ्यास, पर्यटनाच्या समस्या व त्यावरील उपाययोजना सुचविण्याच्या दृष्टीकोनातून हा अभ्यास केला आहे.

पूर्व विदर्भात पर्यटन उद्योगांचा विकास करण्यास आवश्यक मुलभूत आधार हा भक्कम व मजबूत आहे. त्यामुळे या पर्यटन उद्योगांच्या विकासाकरीता भरपूर वाव आहे.

बीज संज्ञा :- (Keywords)

पर्यटन, पर्यटन केंद्रे, पर्यटनाच्या समस्या व विकास

B.V. Nabhate



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प्रस्तावना :- भारताचा इतिहास म्हणजे परकीय आक्रमणांचा इतिहास होय, असे म्हटल्यास वावगे ठरू नये. ख्रिस्तपूर्व कालापासून भारतावर पर्शियन, ग्रीक, 'ld] gw] d qku] eby te v kDe. k ly h यूरोपियनांचे भारतातील आगमनाचे कारण व्यापारी असले तरी नंतर ते शासनाकलेचे बनले. या संपूर्ण परकियांसोबत (आक्रमण) पर्यटक, प्रवासी, लेखक, कवी यांचेही आगमन भारतात झाले.

ख्रिस्तपूर्व ५ व्या शतकामध्ये चिनी प्रवासी वौद्ध स्थळांना भेटी देणे, बौद्ध धर्माचा अभ्यास करण्यासाठी भारतात आले. फाहियान, ह्युएनत्संग, ईत्सिंग आदी कारणे, उद्देश, भिन्न होते, परंतु भारतामध्ये पर्यटन (प्रवास) करतांना, धार्मिक स्थळ, मंदिर, निसर्गरम्य ठिकाण, महत्त्वपूर्ण शहरांना भेटी देऊन तत्संबंधी वर्णन आपल्या प्रवासवर्णनामध्ये केलेले होते. या परकीय प्रवाशांमुळे भारतीय प्राचीनसंस्कृती, धर्म, सामाजिक जीवन, सांस्कृतिक वैभव, कला, कौशल्य, शिल्प, मुर्ती, चित्रकला, लेणी स्थापत्यकला याविषयीचे आकर्षण सातत्याने वाढतच गेलेले आढळते.

एकंदरीत पर्यटनांच्या दृष्टीने व प्राचीन स्मारकांच्या

संरक्षणाच्या दृष्टीने ब्रिटिशांची कामगिरी महत्त्वपूर्ण आहे. भारतीय पुरातत्व विभाग, संशोधन विभाग, भौगोलिक स्थळे, सरोवर, जंगल, पर्वत, टेकळ्या, समुद्र किनाऱ्यांचे शोध तत्संबंधीची शास्त्रीय, भौगोलिक, ऐतिहासिक माहिती समुद्र सपाटीपासूनची उंची, पर्वताची उंची, स्थळचित्रे, नकाशे हे सर्व ब्रिटिशांची देणू आहेत. भारतीय संभराज्याच्या २९ घटक राज्यांपैकी महाराष्ट्र हे एक राज्य आहे. महाराष्ट्राच्या चार विभागांपैकी नागपूर विभाग हा विदर्भ म्हणून ओळखला जातो. या विदर्भाच्या ऐतिहासिक व भौगोलिक पार्श्वभूमी लाभलेली आहे. भारताच्या हृदयाम्यानी विदर्भ असून उत्तर अक्षांश १९.० ते २२.० आणि पूर्वीय रेखांश ७६.० ते ८१.० मध्ये स्थित आहे. विदर्भात एकूण ११ जिल्हे आहेत. त्यापैकी भंडारा जिल्हा तलावांचा जिल्हा म्हणून महाराष्ट्रामध्ये ओळखला जातो. तसेच अन्न धान्याचे भंडार म्हणजेच भंडार असा उल्लेख राष्ट्रसंत तुकडोजी महाराज करतात.

भंडारा जिल्ह्यातील लाखांदूर तालुक्यातील पर्यटन स्थळांचा चिकित्सक अभ्यास हा उपरोक्त संशोधनाचा मुख्य विषय आहे.

संशोधनपध्दती :- संशोधन पध्दतीमध्ये ऐतिहासिक, निरीक्षण, मुलाखत पध्दतीचा अवलंब केलेला आहे.

उद्देश :-

• लाखांदूर तालुक्यातील निसर्गरम्य, धार्मिक, भौगोलिक व ऐतिहासिक दुर्लक्षित स्थळांचा पर्यटनाच्या दृष्टीने अध्ययन करणे.

• प्राचीन व आधुनिक स्थळांना संरक्षण व प्रसिद्धी मिळवून देणे, त्याकरिता जनतममध्ये जागृती निर्माण करणे.

परिकल्पना :- स्थानिक इतिहासाला उजाळा देऊन पर्यटन क्षेत्रामध्ये वाढ करणे.

भंडारा जिल्ह्यातील प्रेक्षणीक, नैसर्गिक स्थळांमध्ये लाखांदूर, तालुक्यातील स्थळांचा समावेश करणे.

लाखांदूर तालुक्यातील जनतेला रोजगाराच्या संधी उपलब्ध व्हाव्यात.

पर्यावरणाचा, वनसंपदेचा, नैसर्गिक टेकड्यांचे संरक्षण होऊन निसर्ग संरक्षण करणे.

• संशोधनाची मर्यादा:- लाखांदूर

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विनीमयाची प्राप्तीसुद्धा २०१० ते २०१२ या कालावधीपर्यंतच चांगले दिसून येते नंतर मात्र यात मुद्धा घट होत झाल्याचे दिसून आले. शेवटी २०१५ आणि २०१७ मध्ये वाढ होऊन याचे प्रमाण १५.४% आढळले.

शिफारशी

भारतात भेट देणाऱ्या पर्यटकांच्या प्रमाणान, प्रवास आणि पर्यटामुळे भारताच्या जीडीपीत वाढ, गंजगारातील वाढ, विदेशी विनीमयाची प्राप्ती इ. सर्व बाबींमध्ये २०१० ते २०१२ पर्यंत वाढ झाल्याचे दिसते याच काळात पर्यटक, जीडीपी, रोजगार आणि विनीमयाची प्राप्ती यांची स्थिती उत्तम होती त्यांतर यात घट होण्याचे पुढील कारणे असून त्यावर पुढीलप्रमाणे उपाययोजना केली आहे—

१. भारतात अस्वच्छता वाढली असून ही कमी करण्यात यावी तसेच पर्यटकांच्या आरोग्याची काळजी घेण्यात यावी, भेटीच्या स्थळी दवाखाने उपलब्ध असावीत, पर्यटकांचा सन्मान केल्या पाहिजे. त्यांना सुरक्षितता आणि समानता प्रदान केली पाहिजे.

२. वाढत्या प्रदुषणामुळे अनेक समस्या निर्माण होतात प्रदुषण कमी करण्यासाठी प्रयत्न करण्यात यावे, मार्केटींगचे प्रमाण वाढवून सोयीस्कर पॅकेज पुरवावा, पर्यटनासंबंधी प्रशिक्षण, चर्चासत्र, परिषदे भरविण्यात यावी, वित्त नियोजन आणि त्याचा योग्य वापर करण्याकरिता वित्त सहायक ठेवण्यात यावा, पर्यटकांना जास्तीत जास्त सेवा पुरवून त्यांचे समाधान करण्यात यावे, उत्तम प्रतिचे जेवन, ताजे आणि पौष्टिक आहार पुरविण्यात यावा, visa process सोपी करण्यात यावी संदर्भ

१. State/ Union Territory Tourism Departments, स्रोत— India Tourism Statistics at a Glance, 2018 pg-no.2
२. वर्ल्ड डाटा अँटल, पर्यटन मंत्रालय आणि WTTC REPORT,
३. रिझर्व बँक ऑफ इंडिया २०००—२०१५ आणि पर्यटन मंत्रालय, भारत सरकार २०१६—१८
४. वर्तमानपत्र, इंटरनेट, पर्यटन—विकीपेडिया

□□□

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महाराष्ट्रातील कृषीपर्यटन व्यवसायाच्या संधी व भवितव्य : एक भौगोलिक अभ्यास

डॉ. जे. व्ही. दडवे

Principal, Y. C. College Lakhandur

प्रा. डॉ. गणेश लक्ष्मण धोटे

Assti. Professor, Dept.

Y. C. College Lakhandur

प्रस्तावना :-

पर्यटन हा जगातील प्रथम क्रमांकाचा असून महत्वाचा व्यवसाय आहे. यातून मालाचे उत्पादन होत नाही तर यात विविध प्रकारच्या सेवा रोजगार उपलब्ध होतो. म्हणून या व्यवसायाला इतर व्यवसायापेक्षा वैशिष्ट्यपूर्ण मानले जाते. पर्यटनावर बहुतेक देशांच्या अर्थव्यवस्था अवलंबून आहे. यापासून परकीय चलन प्राप्त होत असते. तसेच बऱ्याच काळापर्यंत रोजगाराचा संधी उपलब्ध होते. कृषी पर्यटन व्यवसायांमुळे शेतकऱ्यांना, स्थानिक बेरोजगारांना प्रत्यक्ष व अप्रत्यक्षरित्या अर्थसंधी प्राप्त होत असते.

कृषी - पर्यटन म्हणजे "कृषी व पर्यटन" या दोन शब्दांचा समन्वय होय. कृषी पर्यटन हा शेतीपुरक व्यवसाय असून महाराष्ट्रात अशा कृषी पर्यटन केंद्राची संख्या दिवसेंदिवस वाढत असून या व्यवसायाच्या विकासाला बराच वाव आहे.

उद्दिष्टे :-

ध्येय गाठण्यासाठी केलेली कार्यवाही म्हणजे उद्दिष्ट होय. या संशोधन विषयाचे पुढीलप्रमाणे उद्दिष्ट आहे

१. महाराष्ट्रातील कृषी पर्यटन विकासाचा आढावा घेणे.

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प्रा. रिता आर. राऊत

वाणिज्य विभाग, सहायक प्राध्यापिका
यशवंतराव चव्हाण महाविद्यालय लाखांदूर जि.भंडारा

सारांश

भारताच्या अर्थव्यवस्थेत आणि रोजगारवाढीत पर्यटनाचे योगदान खूप मोठे आहे. भारतात बहूसंख्य ठिकाणी आकर्षक पर्यटन स्थळे आहेत. वर्तमान काळात पर्यटकांचे प्रमाण वाढले आहे. पर्यटनामुळे देशाच्या आर्थिक, सामाजिक, सांस्कृतिक, औद्योगिक आणि भौगोलिक घटकांमध्ये परिवर्तन झाल्याचे दिसून येते. विदेशी पर्यटक भारतात येतात त्यामुळे भारताच्या या विविध घटकांमध्ये त्यांचे सात्मीकरण घडून येते. भारतातील वातावरण या पर्यटकांना पोषक राहावे या दृष्टीकोनातून या विविध घटकांचे संगोपन, व्यवस्थापन आणि संरक्षण करावे लागते. या सर्व बाबींचा परिणाम हा भारताच्या अर्थव्यवस्थेवर आणि रोजगारवाढीवर होतो. भारताची अर्थव्यवस्था सुदृढ वनते आणि रोजगारात वाढ होते. या शोधनिबंधात २०१० ते २०१८ या कालावधीमध्ये जीडीपी, रोजगार, भारतातील पर्यटन, विदेशी विनीमय प्राप्ती इत्यादी बाबींवर प्रकाश टाकण्यात आला आहे. यावरून असे लक्षात येते की, विदेशी पर्यटनामध्ये महाराष्ट्र, तमिलनाडू आणि स्वदेशी पर्यटनामध्ये उत्तरप्रदेश या राज्यांना अधिक प्राथमिकता मिळाली आहे. जगाच्या वरिष्ठ देशांमध्ये भारताच्या अर्थव्यवस्थेत जीडीपीतील वाढ ८.२% आहे. तसेच भारतातील प्रवास आणि पर्यटनाचे एकूण रोजगारातील हिस्साचे प्रमाण २०११ मध्ये ११.४९% इतके सर्वात अधिक आहे. २०१७ मध्ये

भारतात सर्वात अधिक विदेशी चलन प्राप्त झाले
प्रस्तावना—

पर्यटन हा विषय अगदी आवडीचा आणि आनंदाचा असतो. भारतामध्ये महाराष्ट्र, आंध्रप्रदेश तेलंगणा, गुजरात, उत्तर प्रदेश या ठिकाणी सर्वात अधिक पर्यटन केले जाते. त्यात चेन्नई, मुंबई, दिल्ली, आग्रा, जयपूर या ठिकाणी सर्वात जास्त पर्यटकांनी हजेरी लावलेली आहे. वर्ल्ड ट्रेवेल अँड टुरिझम काँसिल नुसार भारतात २०१७ मध्ये १० मिलीअनच्या वर विदेशी नागरिक पर्यटनाकरिता आले होते. २०१६ च्या तुलनेत त्यात १५.६% ने वाढ झाली. २०१७ मध्ये पर्यटनामुळे जीडीपीचा दर ९.४% झाला आहे. ४१.६२२ मीलीयन नोकऱ्या भारतात पर्यटनामुळे निर्माण झाल्या. त्यात केंद्र सरकार किंवा एजेसी आणि राज्य सरकार यांचा समावेश आहे. पर्यटन मंत्रालयाद्वारा 'Incredible India' ही मोहीम राबविली जात आहे. पर्यटनामुळे भारतात मोठ्या मात्रेत उत्पन्न येते. पर्यटनामुळे भारताची अर्थव्यवस्था मजबूत होते आणि वाढते या दृष्टीकोनातून पर्यटनाचा भारतीय उद्योगांवर आणि अर्थव्यवस्थेवर होणाऱ्या परिणामांचा आणि त्यापुढील आव्हानांचा अभ्यास करण्याच्या उद्देशाने या शोधनिबंधात विशिष्ट निकसांच्या आधारावर संशोधन करून काही निष्कर्ष काढण्यात आले आहेत.

बिजशब्द—

जीडीपी, रोजगार, भारतातील पर्यटन, विदेशी विनीमय प्राप्ती, आव्हाने
संशोधनाचा उद्देश—

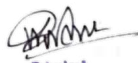
भारतातील पर्यटनाची चालू स्थिती जाणून घेणे आणि पर्यटनाचा भारतीय अर्थव्यवस्थेवरील परिणाम जाणून घेणे, पर्यटन रोजगार पूरविते —एक चिकीत्सक अभ्यास करणे, भारतातील पर्यटनामुळे विदेशी विनीमयाची प्राप्त जाणून घेणे, पर्यटनापुढील येणाऱ्या समस्या जाणून त्यावर उपाययोजना करणे.

संशोधन पद्धती—

सदर शोधनिबंध हा पर्यटन या संकल्पनेवर आधारित असून यात संख्यात्मक आणि वर्णनात्मक पद्धतीचा वापर करून यासंबंधी माहितीचे संकलन हे मासिके, ग्रंथ, सरकारी नियतकालिके, इंटरनेट इ. दृश्याम

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प्रा. डॉ. महेंद्र भाऊराव वासेकर
यशवंतराव चव्हाण कला, वाणिज्य व विज्ञान
महाविद्यालय, लाखांदूर, जि. भंडारा

प्रस्तावना :-

मानवाला विरंगुळा हा आवश्यक आहे. तो विरंगुळा घालविण्यासाठी जो प्रवास करतो त्याला 'पर्यटन' असे म्हटले जाते. पर्यटन व्यक्तीमत्व बदलविते, विकासाची दिशा दाखविते., नदी, डोंगर, किल्ल्यांचा इतिहास कळतो, भाषा व संस्कृतिही कळते, निसर्गाच्या सानिध्यात ताण-तणावातून मुक्ती मिळते असे पर्यटनाचे अनेक लाभ आहेत.

पर्यटन उद्योग हा जगातील एक महत्वाचा उद्योग आहे. या उद्योगातून रोजगार उपलब्ध होतो. पर्यटनामुळे बाजारपेठ, वाहतूक, हॉटेल्स इ. घटकांचा विकास होवून स्थानिक लोकांना यातून मोठ्या प्रमाणावर रोजगार प्राप्त होत असतो. पर्यटन व्यवसायामुळे रोजगाराच्या नवनवीन संधी उपलब्ध होणे, नविन प्रदेशाविषयी माहिती प्राप्त होणे, त्या प्रदेशाचा विकास घडून येणे असे अनेक बदल होऊन त्या प्रदेशाचा विकास साधण्यास मदत होते. हेच उद्दिष्ट समोर ठेवून गोंदिया जिल्हयातील पर्यटन व्यवसायाची संधी व भवितव्य याचा अभ्यास करण्यात आला.

अभ्यासाची उद्दिष्टे :-

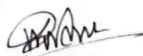
१. गोंदिया जिल्हयात वर्तमान स्थितीत कोणकोणती पर्यटन स्थळे आहेत. याचा आढावा घेणे.
२. पर्यटन स्थळांचा विकास करून व्यवसायाच्या कोणत्या संधी उपलब्ध होतील ते तपासणे.
३. गोंदिया जिल्हयातील पर्यटन व्यवसायात येणाऱ्या विविध समस्यांचा अभ्यास करणे.
४. विविध समस्यांवरील उपाययोजना शोधणे.

गोंदिया जिल्हयातील पर्यटनाचा विकास साधता येईल व जिल्हयाचाच नव्हे तर देशाचा आर्थिक विकास साधता येईल.

संदर्भ :-

१. हिराम लांजे, रमानंद, समग्र झाडीपट्टी, विबके प्रकाशन, नागपूर
२. दिनेश नखाते गोंदिया, भंडारा जिल्हा गौरव-साप्ता गंगा भूमी, श्रीनगर गोंदिया.
३. डॉ. भीमराव श्रा. चंदनकर, "पर्यटन आणि व्यापार यात्रा प्रणाली", मुलगंध प्रकाशन 'मूलगंध' ३२, महाराष्ट्र कॉलोनी मोर्शी जिल्हा अमरावती.
४. जिल्हा प्रॅझेटीयर
५. जनगणना पुस्तिका २०११ - भंडारा
६. स्थदर्शक नकाशे
७. समाजिक व आर्थिक समालोचन
८. रोड अँडलास महाराष्ट्र, समर्थ उद्योग प्रकाशन, औरंगाबाद
९. अतुल जोशी, अमीतकुमार, महीमा जोशी, "भारत मे आधुनिक पर्यटन" सत्यम अपार्टमेंट सेक्टर-३ जवाहर नगर, जयपूर
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११. ध्वमल कुमार कपूर, " पर्यटन प्रबंध एवं मानव संसाधन विकास" रजत प्रकाशप ४६७५/२१ अंसारी रोड दरियागंज नई दिल्ली.




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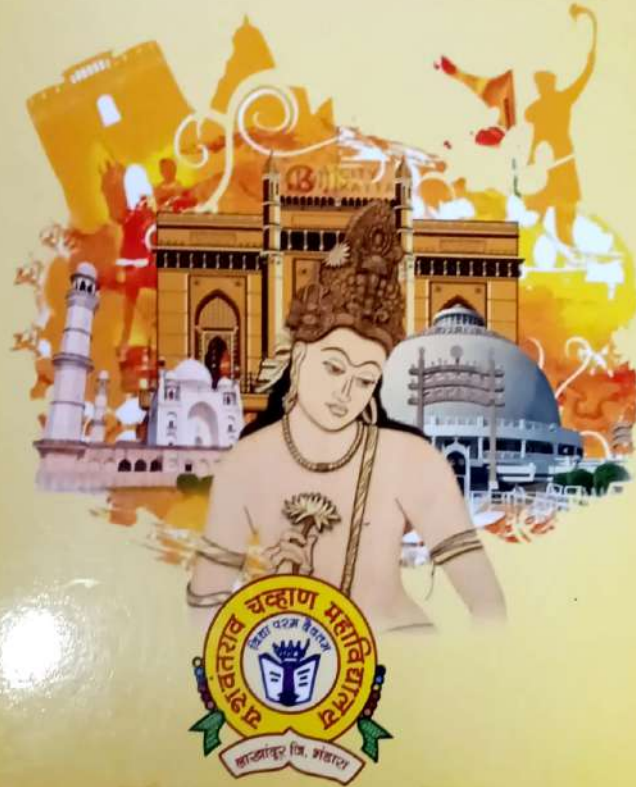
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३. क्लब, बिअर बार, जुगार आणि वेशा व्यवसाय वाढ.

क. पर्यटन—वाढते प्रदूषण

१. अलीकडे पर्यटकांचे प्रमाण वाढल्याने पर्यटन केंद्रांच्या ठिकाणी हवा, पाणी, जमीन व ध्वनी प्रदूषण होत आहे. पर्यावरणातील हा फार मोठा दुष्परिणाम आहे.

२. लोकांची वाढती गर्दी व वाहनांचे वाढते प्रमाणामुळे धूर, कार्बन मोनाक्साईड इ. मुळे हवा दूषित होते.

३. हॉटेल्चे वाढते प्रमाण आणि मानवी वस्त्या व हॉटेलातून जवळच्या जलाशयात (समुद्र, नद्या, सरोवरे इ.) विसर्जित केले जाणारे सांडपाणी, मैला, केरकचरा इ. मुळे जलप्रदूषण होत आहे. उदा. काश्मीरमधील दाल व वूलन सरोवरात जलप्रदूषण.

४. पर्यटन केंद्रात जमीन प्रदूषण ही एक वाढती समस्या आहे. पर्यटकानी बरोबर आणलेले कागद, पिशव्या, फेकून दिल्या जातात. तसेच जमीनीवर हॉटेलमधून होणारे सांडपाण्यांचे विसर्जन यामुळे दुर्गंधी पसरून जमीनीचे प्रदूषण होते.

अशारीतीने पर्यटनाचा मानवी जीवनावर परिणाम होताना दिसून येतो.

संदर्भ ग्रंथ :-

१. डॉ. सुनिता शंकरराव शिंदे—पर्यटन भूगोल, एज्युकेशनल पब्लिशर्स, औरंगाबाद, २०१३.
२. प्रा. भोळे, प्रा. भाटेवाल—पर्यटन व पर्यावरण भूगोल
३. राजेश शुक्ला—पर्यटन भूगोल
४. डॉ. विठ्ठल धारपुरे — पर्यटन भूगोल
५. र.य. साने —महाराष्ट्र पर्यटन कोश, विद्या विकास, पब्लिशर्स, नागपूर. □□□

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प्रा. कांतीलाल झेड. लाडे
मराठी विभाग,

यशवंतराव चव्हाण कला वाणिज्य व विज्ञान
महाविद्यालय लाखांदुर, जि.भंडारा

सारांश:-

जगातील विकसीत देशात पर्यटन उद्योग महत्वाचा मानला जात असून यातून मालाचे उत्पादन न होता विविध प्रकारच्या सेवा व रोजगार उपलब्ध होत असतो. पर्यटन क्षेत्र विकसीत झाल्यास त्या परिसरात बाजारपेठ वाहतुक व्यवस्था लहान लहान उद्योग इत्यादी घटकांचा विकास होवून स्थानीक लोकांना रोजगार उपलब्ध होतो. त्यामुळे लोकांची आर्थिक परिस्थिती सुधारण्यास मदत होते. मानव मनोरंजन करण्याच्या हेतुने जो प्रवास करतो त्याला पर्यटन किंवा सहल असे म्हटले जाते. गोंदिया जिल्ह्यतील अर्जुनी/मोरगाव तालुक्यात विविधप्रकारची पर्यटन स्थळे आहेत. यामध्ये प्रामुख्याने नवेगावबांध, इटीयाडोह, प्रतापगड, काळीमाटी, तिब्वेट कॅम्प, माँ गंगा जमुना इत्यादी सांस्कृतिक ऐतिहासिक व नैसर्गिक अशी पर्यटन स्थळे आहेत. परंतु अजुनही या पर्यटन स्थळांचा विकास झालेला दिसून येत नाही. शासनाने या पर्यटन स्थळांचा विकास करण्याच्या प्रयत्न केला गेला पाहिजे.

प्रस्तावना:-

पृथ्वीच्या निर्मातीनंतर विभिन्न प्रकारची भुरूपे अस्तीत्वात आली. कालांतराने पर्वत नद्या, दऱ्या समृद्ध किणारे पठारामुळे वसुंधरा सजुन त्यावर वनश्रीची शाल घेतल्यामुळे समनीय सौंदर्य आपणास आनंद घेण्यासाठी खुणावते आहे. निसर्गातील सृष्टी सौंदर्याकडे मनुष्य आकर्षित होवून मनसोक्त आनंद घेण्यासाठी प्रवास करतो त्यालाच पर्यटन असे म्हटले जाते.



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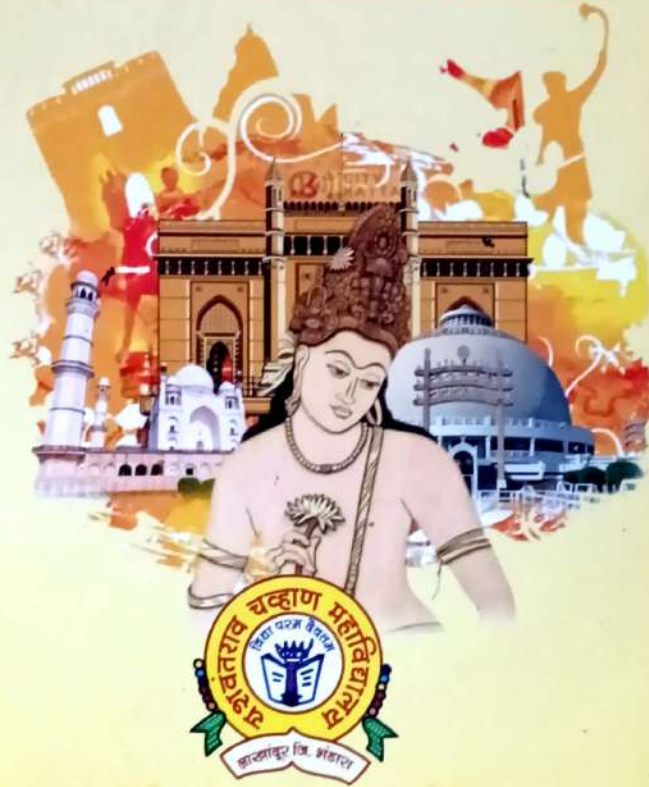
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वजनदार तोफ आहे. या तोफेची लांबी ११ फुट, घेर ५ फुट आणि ५ कडे असलेली पुरातन तोफ आहे. या तोफेलाच लोक 'तोफमाय' च्या नावाने ओळखतात. इंग्रजांनी या तोफेला नेण्याचा प्रयत्न केला. परंतु त्यांना यश आले नाही. बावडी विहीर सानगडीत दोन प्राचीन बावडी विहिरी असून त्या किल्याचे समकालीन आहेत. या विहिरीत उतारण्यासाठी ५० ते ६० पायऱ्या व आतील भागात मोठमोठ्या खोल्या आहेत. या खोल्यात भोसलेकालीन लोक युद्धाचे वेळी सुरक्षिततेच्या दृष्टीने मुक्काम करीत होते. आणि गुप्त खलबने करण्याकरीता उपयोग करीत असावेत. खोल्याचे पुढे आत गेल्यानंतर खोल गर्तेत वर्षभर थंड पाणी असते. ते कधीही आटत नाही हे पाणी दैनंदिन जिवनात उपयोगी आणले जाते. उपाययोजना :-

महाराष्ट्र शासन व भारतीय पुरातत्व विभागामार्फत भारत सरकारतर्फे या किल्ल्याची डागडुजी व दुरूस्ती करून या ठिकाणी पर्यटनाचे उत्तम व्यवस्था निर्माण केल्यास येथील बेरोजगारांना चांगल्याप्रकारे कामकाज मिळून आर्थिक सुबत्ता मिळवून देण्यास सहानुभूति किल्ला महत्वाचा ठरेल.

निष्कर्ष :-

भारत सरकार तर्फे किल्ल्याचा विकास करून रोजगाराच्या संधी उपलब्ध कराव्या.

संदर्भ सुची:-

१. प्रा. नागतोडे डॉ. पारधी - पर्यटन भूगोल
२. विठ्ठल धारपुरे - पर्यटन भूगोल
३. सुरेखा पंडीत - पर्यावरण शास्त्र
४. दैनिक देशोन्नती - वर्धापन दिन विशेषांक दि. रविवार १२ जुलै २००९



तुमसर तालुक्यातील पर्यटन विकास एक भौगोलिक अभ्यास

डॉ. अमित गायधनी
विदर्भ महा. लाखनी

डॉ. किशोर ठाकरे
वाय.सी. कॉलेज लाखांदूर

कु. आशा बानकर
संशोधक रा.तु.म.नागपूर विद्यापीठ

सारांश :-

तुमसर तालुका हा भौगोलिक दृष्ट्या तीन जिल्ह्यांना लागून असलेला जिल्हा आहे. पुर्वेला गोंदिया, पश्चिमेला नागपूर व उत्तरेला मध्यप्रदेश राज्यातील बालाघाट जिल्हा या तिनही जिल्ह्यातील पर्यटकांना आकर्षित करण्याची क्षमता तुमसर तालुक्यात आहे. कारण तुमसर तालुक्यात चांदपूर हा धार्मिक गरुडमुखी मारोती मंदीरासाठी ख्यातनाम आहे. मंदीर हे कमी उंच टेकडीवर असून टेकडीच्या पायथ्याशी नौका विहाराची सुविधा आहे. चांदपूर जलाशयावर बांध असल्याने पर्यटक आवर्जून लहान मुलांना दाखविण्यासाठी घेऊन जातात.

पर्यटकांच्या दृष्टीकोनातून तहसील मध्ये रस्त्याची सुगमता वैद्यकीय सोयी सुविधा व खानावळी व विश्रामगृह असले तरी शासनाने पर्यटकांच्या मानसिकतेचा विचार करून चांदपूर हे पर्यटन केंद्र म्हणून येथे शासकीय वस्तीगृह बालोद्यान, प्राणिसंग्रालय, मत्स्य प्रदर्शनी, रस्त्याचे चौपदरीकरण, व कास्याच्या भांड्याचे विक्री केंद्र, ए.टी.एम. सुविधेची सुगमता निर्माण केल्यास तुमसर तालुक्यात मोठ्या प्रमाणात पर्यटनाचा विकास होईल.



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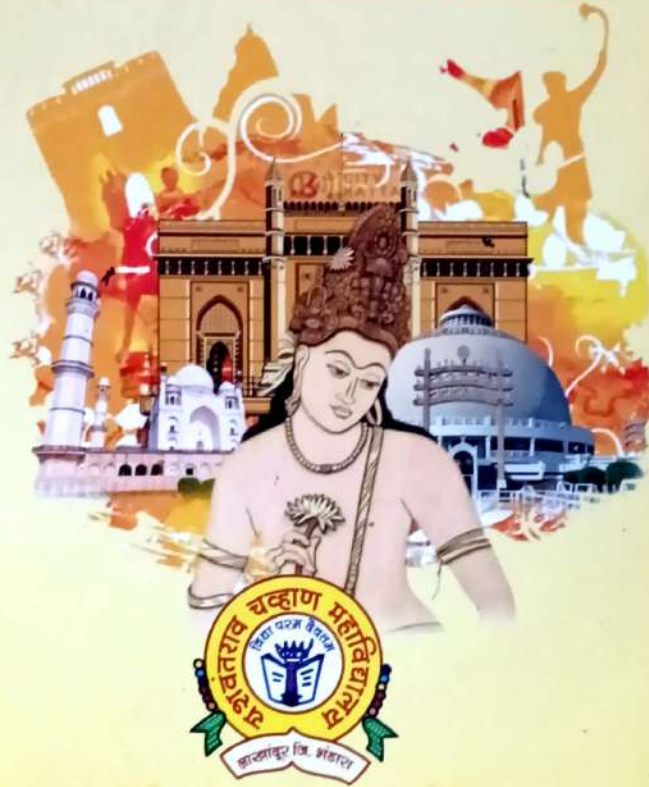
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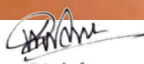
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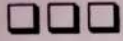
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संदर्भ सूची -

1. Chandankar, B. S., A Geographical Analysis of the Fair Centers in the Bhatkuli Tahasil of Amravati District.
2. Gedam D. A., (1974) A Geographical Analysis of Fair at Salbardi, The Indian Geographical Journal, Vol-XI.
3. कारंजा महात्मे / मंदिर पुस्तिका-२००१
4. Bromley R. J. (1975), The presence of high order goods in a given fair- Trade Place and at a greater number of locations within the area.



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जि.गडचिरोली

सारांश :

प्रवास आणि पर्यटन प्राचीन काळापासून मानवाशी संबंधीत आहे. प्रवास मानवी जीवनाचा अविभाज्य घटक आहे. नवीन नवीन संशोधने शोधून काढणे, नवीन स्थळांना भेट देणे आणि वेगवेगळी संस्कृती आत्मसात करणे हा पर्यटनामागचा हेतू असतो. पर्यटन देशाच्या आर्थिक विकासाचा मूलभूत पाया आहे. सामाजिक, सांस्कृतिक, ऐतिहासिक, धार्मिक व भौगोलिक घटकांवर पर्यटन अवलंबून आहे. पर्यटनामुळे सेवा उद्योगाला चालना मिळाली. यात सुशिक्षित-अशिक्षित, कुशल-अकुशल, ग्रामीण-शहरी भागातील लोकांना रोजगार उपलब्ध प्राप्त होतो. पर्यटनाचा देशी विदेशी अर्थव्यवस्थेवर, रोजगारावर, गुंतवणूक, शेती, परकीय चलन, पायाभूत सुविधा, क्षेत्रीय विकास, हस्तद्योग, कुटीर आणि लघुउद्योग इ. विविध घटकांवर आर्थिक परिणाम प्रत्यक्ष किंवा अप्रत्यक्ष स्वरूपात घडून येतो प्रस्तावना :

'पर्यटन आणि प्रवास' हा मानवाचा फार प्राचीन काळापासूनचा छंद आहे. पर्यटनामध्ये पर्यटक हा मूलभूत घटक असला तरी पर्यटकांचे प्रवास करण्याचे हेतू वेगवेगळे असतात. मध्ययुगीन काळात नवनवीन प्रवासी नवीन मार्गांचा शोध घेणे आणि व्यापार वाढविणे आणि





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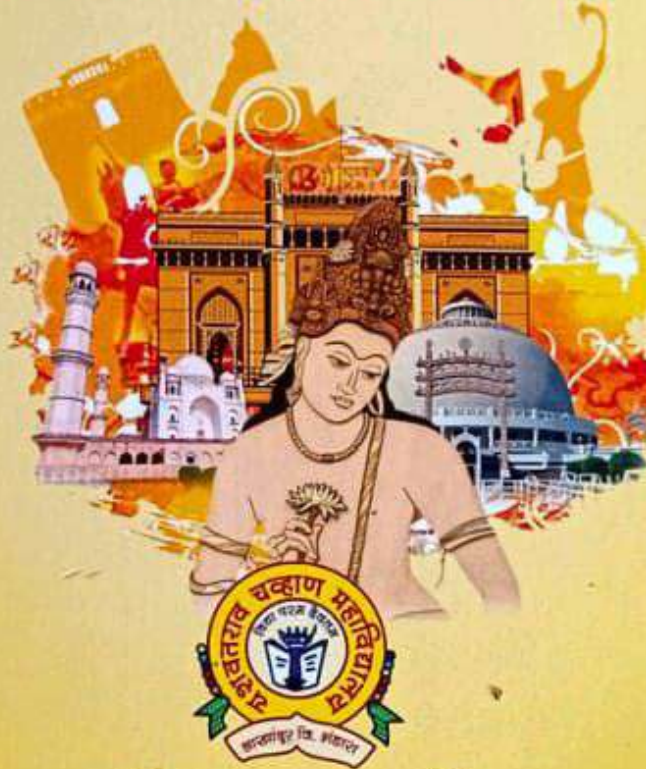
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प्रदेशातील हिरवीगार वनराई मुळे येणाऱ्या पर्यटकांना नेहमीच मोहिनी टाकेल.

२. दुर्मिळ होत चाललेले जंगली प्राणी, पशु, पक्षी, घनदाट जंगलामुळे संरक्षित आहेत हे या प्रदेशातील मुख्य संसाधन आहे. या संसाधनाचा विकास झाल्यास समाजाची आर्थिक व सामाजिक स्थिती उंचावेल.

३. पौनी नगरातील प्राचीन धार्मिक घटकांच्या संपत्तीला धोका न होता इको-ट्युरिझम या संकल्पनेद्वारा विकास करण्यात यावा.

४. गोसेखुर्द राष्ट्रीय बहुउद्देशीय प्रकल्प पूर्ण झाल्यास व त्यावर आधारित इतर पायाभूत सुविधा विकसित झाल्यास आणि प्रसिध्दी माध्यमाद्वारे त्याची प्रसिध्दी सर्वदूर झाल्यास नक्कीच पर्यटकांची संख्या वाढून पर्यटन व्यवसाय विकसित होईल.

संदर्भ :-

१. District census Handbook - 1991, 2001.
२. पर्यटन भूगोल - डॉ. विठ्ठल धारपूरे.
३. पर्यटन भूगोल - प्रा. के.ए. खतीब.
४. महाराष्ट्र भूगोल शास्त्र संशोधन पत्रिका, जुलै - डिसें. २०१०.
५. महाराष्ट्र भूगोल शास्त्र संशोधन पत्रिका, जुलै - डिसें २०१३

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कारंजा लाड तहसीलमधील पर्यटन यात्रास्थळांची स्थिरता आणि विकास

डॉ. किशोर वाय. ठाकरे

भूगोल विभाग प्रमुख, यशवंतराव चव्हाण कला, वाणिज्य
आणि विज्ञान महाविद्यालय, लाखांदूर, जि.भंडारा

प्रा. नितीन पी. भालेरव

भूगोल विभाग, श्री. डॉ. आर. जी. रठोड
कला व विज्ञान महाविद्यालय, मुर्तिजापूर,
जि. अकोला

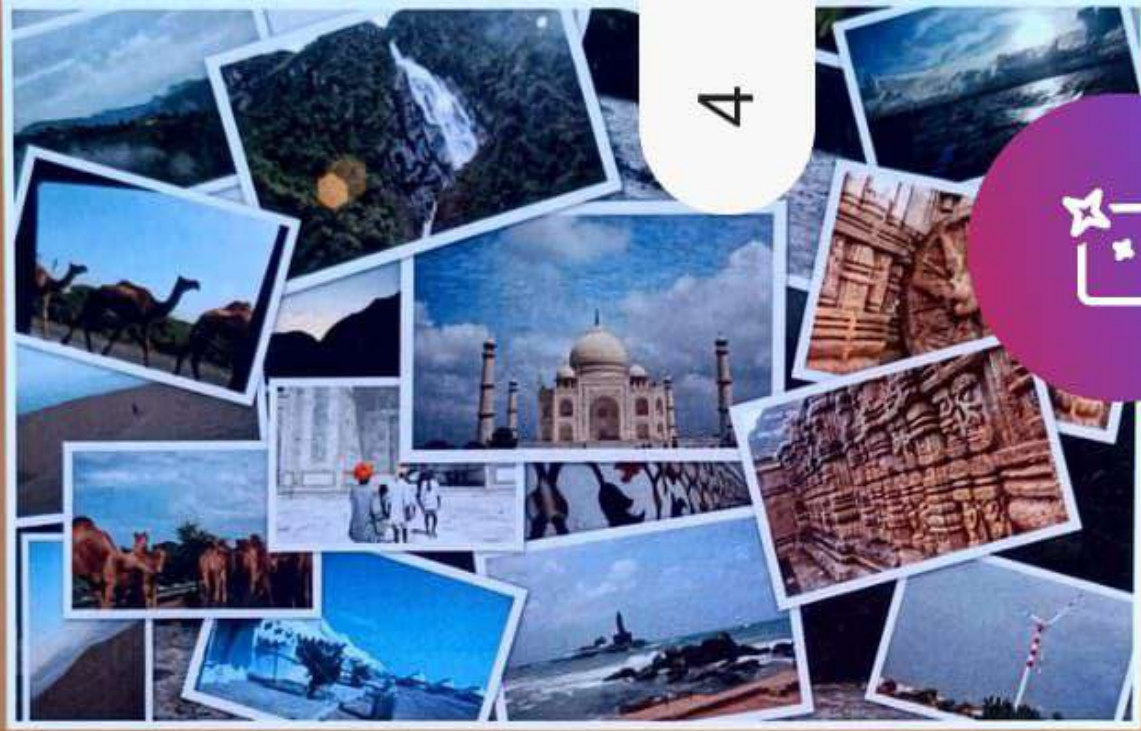
सारांश (Abstract) :-

मानवी जीवनात बदलाकरिता तसेच धार्मिक दृष्टीने देखील आज यात्रा पर्यटनाला महत्त्व आहे. भूगोल शास्त्रात, पर्यटन भूगोलात पर्यटनाबाबत अनेकांनी पर्यटनाचे महत्त्व पटवून दिले आहे. कोणत्याही यात्रा ठिकाणाचा विकास हा हळूहळू होत असतो. जशीजशी त्याला प्रसिध्दी मिळत असते त्यानुसार यात्रास्थळाची स्थिरता व विकास होत असतो. लोक पर्यटनाच्या दृष्टीने विरंगुळा म्हणून एकत्र येतात त्या ठिकाणाला पर्यटनाची अवस्था प्राप्त होते.

बीजसज्ञा (Key Word) :-

पर्यटन, यात्रास्थळ, स्थिरता, विकास
माहिती स्रोत व अभ्यास पद्धती :-

प्रस्तुत शोधनिबंधात विषयाशी संबंधित अनेक पुस्तके, संदर्भग्रंथ, मासिक, वर्तमानपत्रे, सामाजिक व आर्थिक समालोचन, शोध प्रबंध, गुगलनेट वेबसाईट यांच्या माध्यमातून सांख्यिकीय आकडेवारी जमा करून तिचे पृथक्करण करून, प्राथमिक स्तरावरल माहिती जमा करून तिचे विश्लेषण करून शोध निबंध प्रस्तुत करण्याचा प्रयत्न केला आहे.




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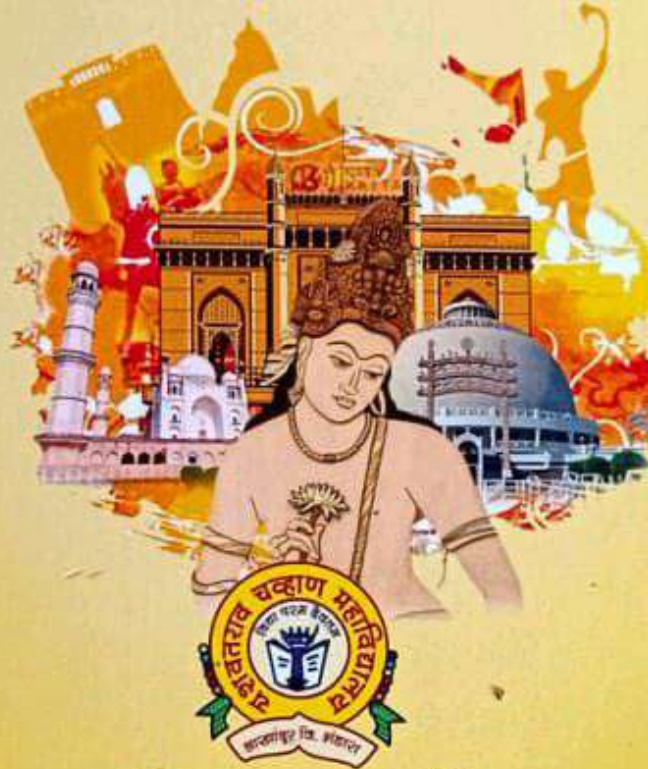
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पर्यटनाच्या विकासात खेळाची भूमिका

प्रा.डॉ. विनोद मारोतराव बळी

यशवंतराव चव्हाण कला वाणिज्य व विज्ञान
महाविद्यालय लाखादूर जि. भंडारा

सारांश :-

निसर्गाच्या सहवासात आनंदाचे क्षण घालविण्याची आणि नवनविन कला, संस्कृतीविषयी जाणून घेण्याची माणसांची मूलभूत प्रवृत्ती पर्यटनाचा मुळ आधार आहे. धार्मिक आणि ऐतिहासिक पर्यटनाला तेवढेच महत्त्व आहे. आज वेगवान दळवळणच्या साधनाने जग जवळ आले असतांना देशाबरोबर बाहेरचे जग जाणून घेण्याचा माणसाच्या ओढीने हे क्षेत्र सातत्याने विस्तारते आहे. त्याचबरोबर खेळाच्या माध्यमातून पर्यटनाचा विकास करणे हे सुध्दा शक्य आहे, कारण महाराष्ट्रातले पारंपारिक खेळ अनेक आहेत. ते मनोरंनात्मक तर आहेतच, त्यातून आपल्या संस्कृतीचे दर्शनही घडते. आज डिजीटल खेळाच्या जमान्यात अशा पारंपारिक खेळाचे एक वेगळेपण आहे. खेळाकडे पर्यटकांना आकर्षित करून आपण आपले खेळही टिकवू आणि आपल्या संस्कृतीची जोपासना करण्यात मदत करू शकू.

प्रस्तावना:-

आपली जीवनसरणी बदलली आहे, आणि आपण खेळ खेळायचे शकलो. सध्याच्या भ्रमणधनी आणि संगणकाच्या युगात, लोकांनी एकत्र येऊन खेळायला अनन्यसाधारण महत्त्व आहे. तंत्रज्ञानाच्या प्रगतीची दुसरी आजू ही की लोकांमधील तुटत चाललेला संवाद... सांघिक खेळामुळे लोक रोजच्या कामांमधून वेळ काढून एकत्र येतात, खेळतात आणि त्यांचे करमणूक व मनोरंजन होते, संवाद वाढतो व मन प्रसन्न राहतो. आपल्याकडे खेळाला दुय्यम स्थान दिले जाते, आणि खेळाकडे गाभीर्यनि बघत नाही. पारंपारिक

खेळ काही छोट्या गावापुरतेच सिमित राहिले आहेत. खेळामुळे शरीरास भरपूर व्यायाम मिळतो. सांघिक खेळामुळे सहकार्याची वृत्ती, संघभावना व नेतृत्व गुण यांना वाव मिळतो आणि खेळातील चढाओढीमुळे खेळाचा दर्जाही वाढतो.

अभ्यासाची उद्दिष्ट्ये :-

पर्यटन व्यवसायात येणाऱ्या विविध समस्यांचा अभ्यास करणे व त्यावर उपाययोजना शोधणे.

परिकल्पना :-

पर्यटन स्थळांचा योग्य विकास न झाल्यामुळे पर्यटन व्यवसायाचा फारसा विकास झालेला दिसून येत नाही.

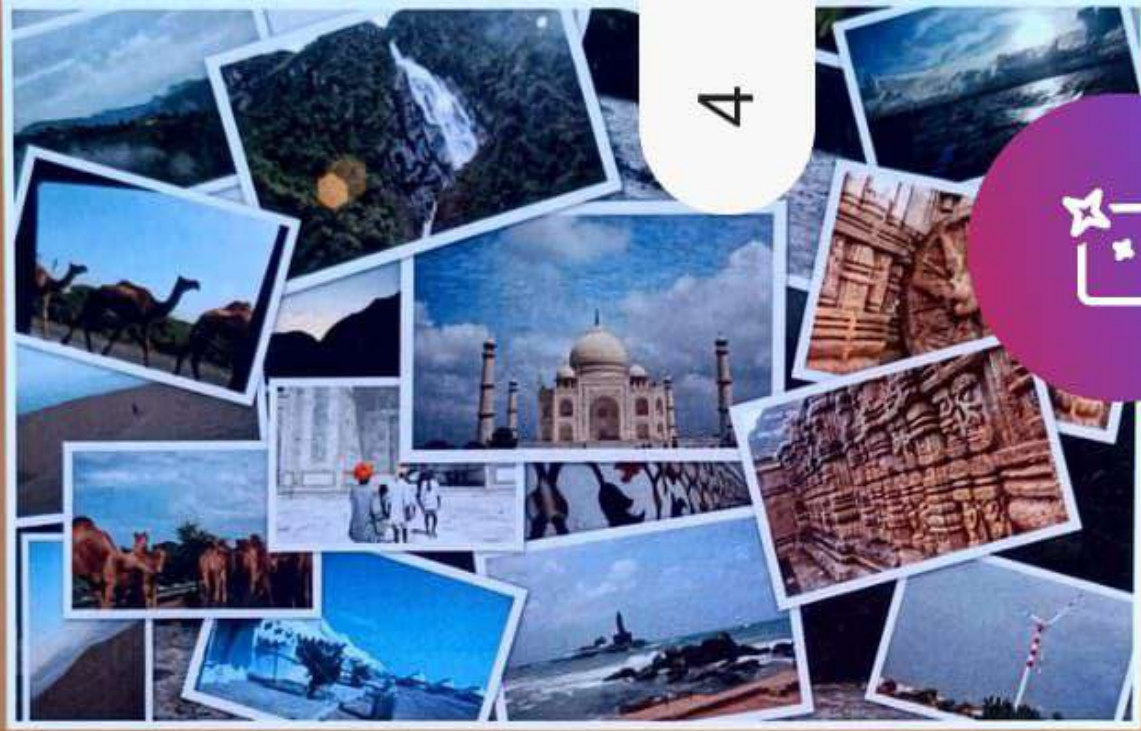
प्रश्नांच रूप :-

आटया-पाटया, लगेरी, मंगळगौरीचे खेळ, कबड्डी, खो-खो, विटी-दांडू, भातुकली - एक एक आठवायला बसलं की असे कितीतरी खेळ आपल्याला आठवतात. काही खेळ साधे, मनोरंजन करणारे, तर काही स्पर्धात्मक, चढा-ओढीचे, जिंकण्याची जिद्द निर्माण करणारे या प्रत्येक खेळासोबत माणसाच्या संस्कृतीचा धागा जोडलेला आहे. हे खेळ ज्याठिकाणी खेळले जातात त्याठिकाणी समाजाचा, परिसराचा इतिहास त्या-त्या खेळात पाहू शकतो.

हे खेळ त्या-त्या गावच्या संस्कृतीचे आणि तिथल्या रुढी -परंपराचे प्रतीक आहे. गोटया तर मुले परोघरी खेळत होती. मंगळगौरीचे खेळ बाई लोकां श्रावण महिन्यात खेळत असत. पूर्वीच्या काळी बायकांना घरातून बाहेर पडण्याची परवानगी राहत नव्हती तेव्हा हे खेळ खेळणं बायकांनी एकत्र येण्याचं निमित्त होत. अख्खी रात्र खेळ खेळण्यात जागवली जायची.

भातुकलीचा खेळ तर प्रत्येक लहान मुलांना येणाऱ्या प्रौढ वयात येण्याची जबाबदारी जणू तयारीच करून देत होते असे अनेक खेळ छोट्या छोट्या गावात प्रचलीत असलीत पण आपल्याला त्याबद्दल काहीच माहीती नाही.

आज हे सर्व खेळ आपण विसरलो आहोत. अशा प्रकारचे आपल्या भूमितले काही खेळ होते हे आज सांगितले तर अनेकांना आश्चर्य वाटते. हे खेळ




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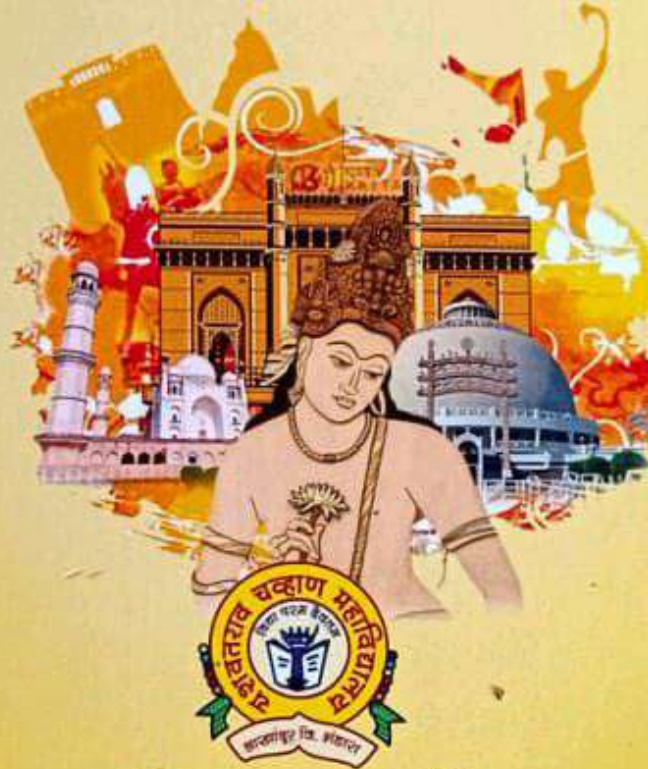
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Tourist Place Navegaon Bandh National Park Of Gondia District Maharashtra State, India

Miss. Rajshri Kambale
Late RGAP Chaugan, Dist. Chandrapur

Shailesh Bhagat

Muneshwar Bisen

Pranay Wasnik

Pankaj Ledade

Yashwantrao Chawhan Arts, Comm. And Sci.
College, Lakhandur

Abstract

Navegaon National Park is a beautiful place, located in the Bhandara (Gondia) district of the state of Maharashtra. It was declared as a National Park in the year of 1975. Total area of the park is 133.88 Km². The name "Navegaon" comes from the word Nave + gaon (Nave means new in Marathi and Gaon means village). This area also known as Navegaon Bandh locally (bandh means dam in English) because of the presence of the water body. The Dr. Salim Ali Bird Sanctuary, Navegaon is home to almost 60% of the bird species found in entire Maharashtra. Every winter, flocks of beautiful migratory birds visit the lake—a rare treat for the eyes. Jungle safari, staying in a tree top house and riding a sail boat in the lake is the most unique experiences of the Navegaon National Park. Gondia is one of the most popular

forest resorts in the Vidarbha region and was established the beginning of 18th century. Sprawled over an area of almost 134 Km², the wildlife park comprises of a deer park, an aviary, 3 landscaped gardens and Dr. Salim Ali Bird Sanctuary.

Geography :-

Navegaon National Park is located in the Bhandara (Gondia) district of the state of Maharashtra. The area around the lake is known as the Dr. Salim Ali Bird Sanctuary.

Flowing through the Navegaon Wildlife Park is the beautiful Navegaon Lake that flows with crystal clear water. The area around the lake is known as the Dr. Salim Ali Bird Sanctuary.

There is also a high watch towers inside the wildlife park, from where you can get awesome views of the entire region. Total area of the park is 133.88 Km².

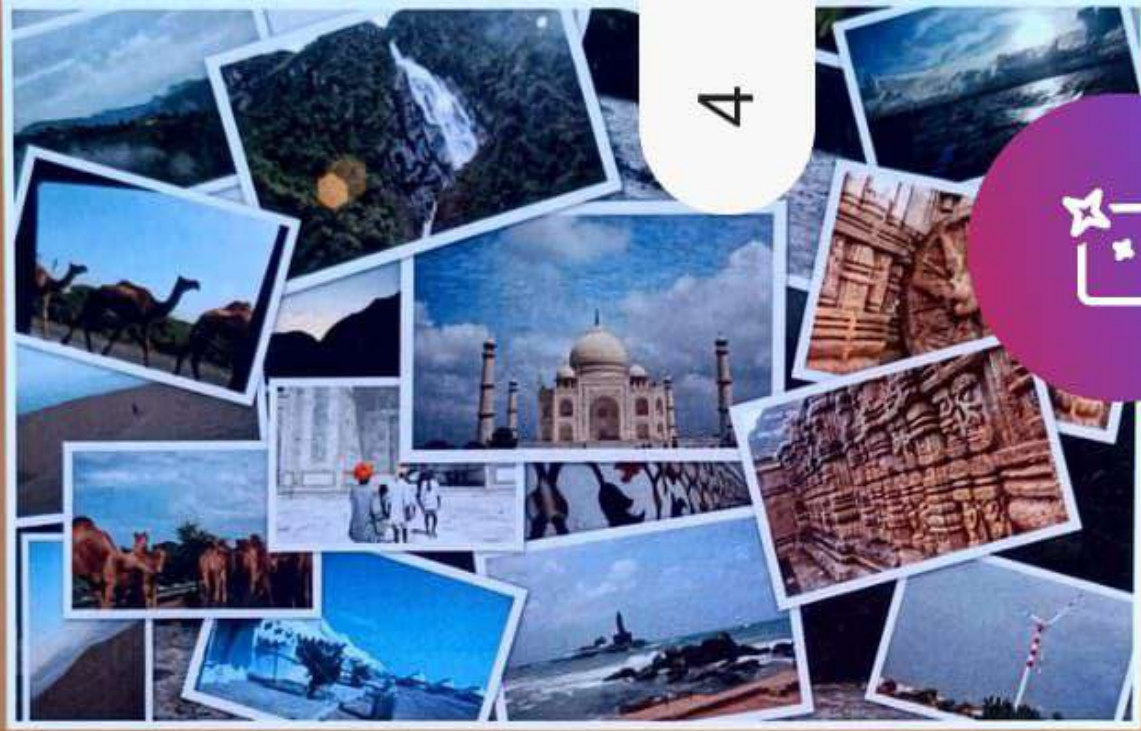
The vegetation here is mainly of the Southern mixed dry deciduous type, comprising of Teak, Hirda, Jamun, Kawat, Mahua, Ain, Bhel & Bor trees.

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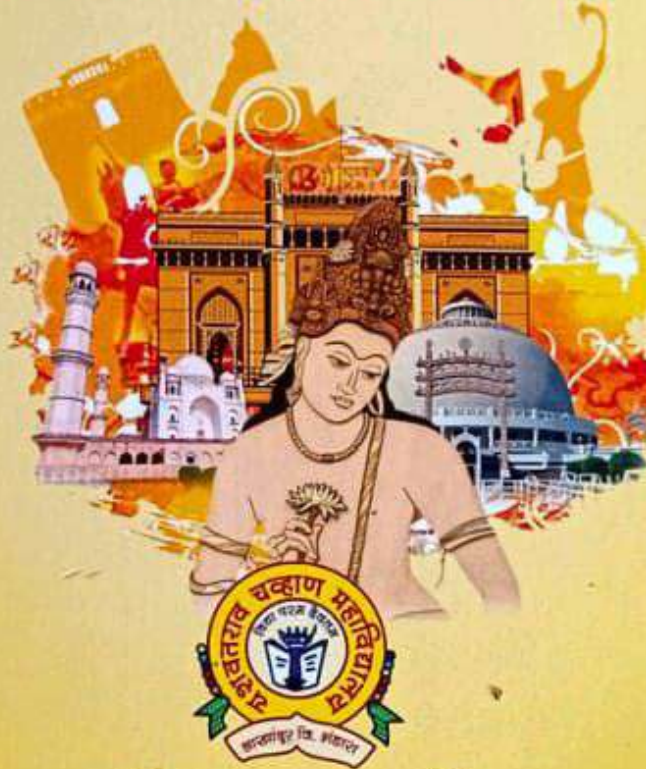
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Role of Literature in Promotion of Tourists Places

Dr. Rakesh P. Wasnik
Assist. Prof. in English,
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Assist. Prof. in English,
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Introduction:

"In the middle ages people were tourists because of their religion, whereas now they are tourists because tourism is their religion.

- Robert Runcie

This apt adage is not an exaggeration because tourism is identified as one of the fastest growing and prolific industries in the world. Literature plays a very supportive role, among other factors, in promoting all sorts of tourism. Tourism has many categories like Eco-tourism, Adventure-tourism, Medical tourism, Agro-tourism, Cultural tourism, Sports tourism and a lot more.

Now a day people have strong perception to get out of the din and bustle of every day's tired and boring life and desire to get synchronized with the beauty of Mother Nature. The impact of new technologies is so vast that even the lower middle income group of people save the money throughout the year and plan the tour to some tourist places. Literature, on the other hand, motivates all sorts of readers of different income groups. It also has the great capacity to affect the human apprehension of tourism. Many writers have made many places immortalized through their literary works, description of nature's beauty, regarding tourist's spots or destination. They portrayed all beautiful aspects of particular places in such a way that the readers get inspired to visit and be

associated with those places. For the ages, the literature has definitely prompted the tourism. Literary tourism is a type of cultural tourism that deals with places and events from fictional texts as well as the lives of their authors. This could include following the route taken by a fictional character, visiting particular place associated with a novel or novelist, such as their home or visiting a poet's grave.¹ In this modern age we have, at our fingertip, the technology supported softwares and devices to we search like Kindle, iPod, iPhone, Tablets, Android Phone, Laptops and Desktop Computers and other sources of social medias. Now, it's easy to get accessed with the minute and graphic details, information and description about tourist places under the sky.

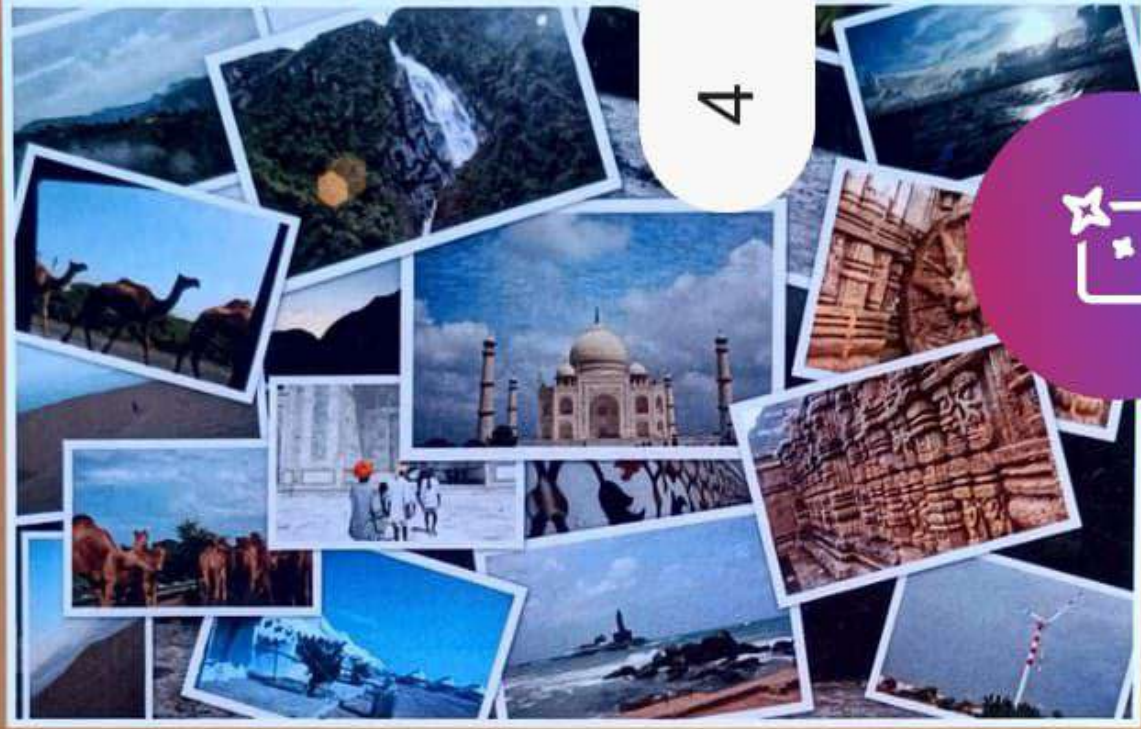
Tourism and Literature Defined:

There are many definitions of literature coined from time to time. According to Oxford Dictionary the literature is 'Written works, especially those considered of superior or lasting artistic merit'. R. J. Rees, critic and historian of 20th century points out that literature is 'writing which expresses and communicates feelings and attitudes towards life'. Literature on tourism is that recommends and portrays and thus makes the spots and places immortal. Sometimes, the writers directly or indirectly, motivate the readers to take the journey in general. The 'Father of English Essays' Francis Bacon aptly writes "... Travel, in the younger sort, is a part of education, in the elder, a part of experience".

Like literature, tourism also has many definitions. Roughly, it means the travel to a particular place form many purposes. Tourism is defined as the 'activities of persons identified as visitors. A visitor is someone who is making a visit to a main destination outside his/her usual environment for less than year for any main purpose (including) holidays, leisure and recreation, business, health, education or other purposes This scope is much wider than the traditional perception of tourists, which included only those travelling for leisure.'

Role of Literature in Promotion of Tourists Places:

The relation between literature and




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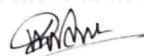



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Literary Writings and Tourism: A Critical Study

Dr. Virendra B. Turkar

Dept. of English,

Yashwantrao Chawhan Arts, Commerce &
Science College, Lakhandur, Dist. Bhandara

Abstract:

Tourism has emerged as one of the major mediums of entertainment for those who get fed up with the routine responsibilities and seek relaxation for refreshing themselves through visit to beautiful places and income for those who are involved in the businesses related to tourism. Tourism affects and gets affected by the various factors such as nature, location of the beautiful places, government policies, the residents, economy, social conditions, Literature etc. Among these factors, literature also holds a place of prominence in terms of the influence it exercises on the tourism and vice-versa. There are certain famous tourist places that have attracted the attention of several literary writers and inspired them to compose melodious poems and quality prose works in the form of noted novels, essays, articles etc. On the other hand, it is the highly creative writings of some distinguished writers that have transformed hitherto unnoticed places into some of the most popular tourist places. All things considered, it can be said that both, the tourism and the literature have the capacity to positively influence each other. The present paper intends to highlight the points that reveal the relationship between tourism and literary writings.

Key-Words:- Tourism, writers, tourist places, literary writings, Literary Tourism etc.

Eastern Vidarbha region of Maharashtra. The tigers are seemed to disappear in the world wide scenario, besides they have been increasing significantly in the sanctuary. Unlikely the efforts of the concern departments are fewer to conserve the largest tigers like 'Jay' and 'Jaychand'. The issues had been debated in the Indian Parliament by the Local MP's. It is necessary for the native people, concern departments and the government to preserve, aware and highlight the treasure of wild life and natural boon of the region. It would be beneficial for the promotion and progress of tourism in the sanctuary.

References

1. wikipedia.org, Umred-Karhandla Wild Life Sanctuary.
2. Umred-Karhandla Wild Life Sanctuary. Reserve Guide- Project Tiger Reserves in India. National Tiger Conservation Authority.
3. Umred-Karhandla Wild Life Sanctuary. mahapenchtiger.com Archived from the original on 07 April 2014.

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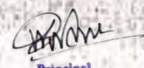
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9. Most of the area are not connected due to transport facility.

10. Deficiency about safety ,medical facility.

Conclusion

In Maharashtra most of the people are dependent upon agri and related basicness but they cant generate more additional income from this area because there are lost of problem occur such as irregular of climate condition .irregular rainfall, lack of knowledge about farming land, and drop prices of seeds , so it is important find out new way to generate additional income source and agro tourism is one of the best way for farmer to create more money. Such type of tourism is beneficial in rural area to generate employee and beneficial for urban areas people to understand nature ,farmers hard work, rural culture, food ,life of village , which is away from busy life.

References

1. Prof.p.shembekar ,m.joshi,; a study on growth and future scope of agri –tourism project in Nagpur dist.,(GE-IJMR),volume 4-4 april 2016
2. V.b.gholap ,s.r.benke,and p.v.gade; manegment of agro tourism case study (parashar agro tourism) , IJCBM ,volume 9 128-133, 2 oct 2016.
3. S.d.thorat ,r.s.suryavanshi,;assessment of agro-tourism potential in junnar tahshil Maharashtra india,(SRJIS),vol-4136 oct 2017
4. Vijay kumbhar ;agro tourism scope and apportunites for the farmers in Maharashtra.
5. S.G.walke ;critical study of agritourism industry in Maharashtra
6. M.d.jagtap,m.b.nichit, agro tourism the performance,problem and prospect for farmer in Maharashtra.a review .,vol 3 (153-156)
7. Dr.jayashree ,upadhye,;problem of agro tourism industry in Maharashtra a study, volume-3 issn -2321-7065.march 2015.
8. w.w.w.maharashtra tourism .com
9. w.w.w.agro tourism.com
10. agro tourism.in
11. MART.COM

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Global Perspective Of Tourism : Umred-Karhandla Wild Life Sanctuary

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Introduction

Tourism is an essential activity of the modern human society.The tourism industry is playing an important role in economic development of the various places. It opens ways to the employment both for skilled and unskilled labor in the local areas. The present research paper exposes the global sustainability and wide scope of tourism in the Eastern Vidarbha region of Maharashtra.

Index Terms: Tourism, Development, Sanctuary, Tiger

Study Region

Umred-Karhandla Wild Life Sanctuary is one of the most fabulous tourist places of Eastern Vidarbha region of Maharashtra. Its fame is worldwide as the Asia's biggest and royal tiger 'Jay' and its son 'Jaychand' once resided in it. It is situated about 58 k.m. from the district place Bhandara. It is situated over Pauni tahashil of Bhandara district and Umred, Kuhi and Bhivapur taluka of Nagpur district. It is connected with Tadobha Andhari Tiger reserve of Chandrapur district through the forest along Wainganga River. Its geographical location is 25° 50' 08 N



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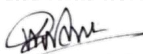



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To Study on Growth and future scope of Agro- Tourism for Development of Farmers in Maharashtra

Sumit D. Rokade

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Abstract

Agro Tourism is to experience the real rural life, aware with agriculture area, taste the local genuine food, tradition of local area and get familiar with the various farming tasks. Agriculture is the backbone of Indian Economy and also Maharashtra. Around 80% of the population is directly or indirectly dependent on Agriculture and almost around 25 present of India's GDP comes from Agriculture. 85 million farmers are dwelling in 6.1 lack villages producing food grains for feeding the country. More than a profession or a business, agriculture is India's culture. Hence agro-tourism additional income generating activities to support agriculture. Such tourism would certainly increase contribution of agriculture in the national GDP. Agro-Tourism is one such activity.

Key words: Agro tourism, agriculture productivity, agriculture, eco-tourism

Introduction

Agro-tourism plays very crucial role in economic development of farmers in rural area. Agro-tourism is based on traditional agricultural activities. It is an opportunity for farmers to use the available resources in a diversified and innovative way. Agro Tourism is to experience the real rural life, taste the local genuine food and get familiar with the various farming tasks. Agro-tourism is the form of tourism which

capitalizes on rural culture as a tourist attraction. It has created a new way to generate additional income and job generating activity. The combination between tourism and agriculture that can be found in agro-tourism. it becomes a key role to generate new job opportunities in rural areas. And it support farmer for their economic growth. Travel and tourism are human-resource intensive, employing directly and indirectly 8 per cent of the global workforce. It is estimated that one job in the core tourism industry creates about one and a half additional or indirect jobs in the tourism-related economy¹.

The concept of Agro tourism is very simple, whereby the urban tourists go the farmers home; stay like a farmer, engage in farming activities, experience the bullock cart, tractor ride, fly kites, eat authentic food, wear traditional clothes, understand the local culture, enjoy the folk songs and dance, buy fresh farm produce and in turn the farmer maintains home and farm hygiene, greets new tourists, sells his farm produce at a better price, earns a livelihood all year round.⁷

Study region

In Maharashtra lots of people are dependent on agriculture and there related business. But most of the farmer can't generate more money through this work. and major part of Maharashtra is poor in terms of agriculture productivity. Because due to natural calamity, drop prices of crops frequently in every year and poor water resource Hence, there is need to do some innovative activities in the agriculture, which will help to farmers and rural peoples.

In Maharashtra urbanisation is increases day by day. today the urban people's is restricted in the closed door flats, television, video games, offices, club party, spicy fast food, let night sleeping, computer, internet, and so on. They can see nature only on television or screen of the computers. More over some people living in the cities do not have relatives in villages and they never visited or stayed in village. These people want to enjoy rural life but there is problem of such type of facilities.

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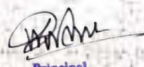
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economic development and employment generation particularly remote and tribal and economically weak section and self help groups, has been well recognised the world wide. Hence tourism can be turned as a perspective tools of economic development in Maharashtra.

References :-

1. Bhatia A.K. (2002) Tourism Development principal & practices Sterling publisher private limited – New Delhi.
2. Bhatia A.K. (1994) Fundamental and practices sterling published P.L. Delhi.
3. B.S. Badan (2007) Tourism and Economic Development common wealth publisher New Delhi.
4. Makan Ajay – Encyclopedia of Tourism.
5. Statistical Abstracts of Maharashtra state (2016-2017) Directorate of Economic and statistics, Planning Department, Government of Maharashtra.




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A Perspective on Significance and Impact of Medical Tourism in Maharashtra

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ABSTRACT

Maharashtra, one of the largest states in India with high economic growth is also one of the most favored destinations for tourism in India for domestic and international visitors. Maharashtra, although, having two UNESCO sites besides various Forts, Temples, Hills, Rivers, Forests & Wildlife, Sea and Beaches with a rich tradition of Culture and Arts, is finding favor as the destination for Medical Tourism as well. Being the economic capital of the Country, Maharashtra is providing Modern Infrastructure and Technology with Humane Care for domestic and international visitors alike. In this article, the significance and impact of medical tourism in Maharashtra is discussed.

INTRODUCTION

In modern terms, the definition of Tourism may include the movement of people to the places outside of their usual residence for socio-cultural (recreational/leisure/exchange of ideas and work-conferences), economic (business) and even for medical treatment now aptly called Medical Tourism. The tourism industry is one of the fastest growing industries in the world and hence its importance and contribution in economic development of India is highly acknowledged.

The Ministry of Tourism, India, among

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06

Importants Of Libraries In The Development Of Cultural Tourism In India

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Abstract :-

Cultural tourism is the main part of income source tourism of Indian Economy. In higher Level of education, globalization processes that make the world a smaller place, technology the effect of media and telecommunications and new types of cultural tourism in India.

Keywords :- culture, cultural tourism, heritage Libraries.

Introduction :-

Culture is a very important part of economic development due to its links with life style, geographic areas and close link between education and society. Indian government supports a lot of project for requirement of cultural activity in India . They are digitalizing their working process. In this work Libraries have become one of the key factors behind the social development based on knowledge and run by digital technology. They have possibility to provides directs online access through personal computers, means for online studying information important for e-commerce improvement.

Libraries can contribute to the development of local economies supporting local trade and tourism industry.

This paper aims to briefly show the importants of libraries in the development of tourism based on cultural and artistic resources of a region.

THE LIBRARY RESOURCES IN THE DEVELOPMENT OF A CULTURAL TOURISM :-

In terms of cultural tourism, cultural should be seen as parts of tourism development. It means that culture based on its links with lifestyle geographic area and close between education and society. It is a necessary pre requisite for tourism is development.

Culture and tourism are in terms of their basic characteristics two complex and layered fields of the modern civilization and they have a positive effect on the overall social development .Making culture less important in term of tourism is nighther logical nor justified, because culture is overall intellect of society and tourism is a sum of all material and spiritual resource and life style of a nation.

Aspects of cultural tourism –

- Cultural tourism is the placement of culture on the market with cultural and artistic product.
- Cultural tourism is the intergration between two sectors culture and tourism should merge with a view to forming a mutal product .
- Cultural tourism is managing of the reputation of a place a region or contry based on cultural good and landscapes.

Tourism is the term of growth rate, the third Fastest-growing filed on the economic market with culture being the fourth. When these two get together, the result is cultural tourism.

Cultural tourism is based on performing arts, visual arts and festivals and navigates tourism is focused on visiting landscapes historic sites and movements and building.

The role of libraries in the development of cultural tourism has rapidly increased in the last several years, because tourists are more and more gather a lot of information on destination before they deciding to visit it.

Various way of libraries to attract tourists :-

- An organization of tourist visit providing them to get to know with cultural and historical heritage of a region.



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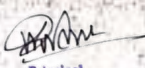
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Environmental Effects of Tourism in Maharashtra

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Abstract

Tourism is an important sector to any country for development of economy. Tourism involves many activities that cause adverse effect on environment and it's become polluted. The good quality of environment is essential to tourism. Maharashtra is the third state of India, both in area and population, located on the western coast of India with a 720 km long coastline

Key Words: Tourism, Economy, Environmental Impacts, Natural resources, Sustainable

Introduction

Now a day's every person is stressed out and want some change from routine life and work. People traveling and visit new places to appreciate their beauty, in course of time, has given birth to new modern industry called tourism.¹ Tourism is one of the biggest and fastest growing sectors in the world economy and has significant positive and negative effect to the environmental, cultural, social and economic factor. It has major tool for economic development but, if not properly planned it can have adverse effects on environments including biodiversity and natural resources such as freshwater, forests and marine life.²

Objectives

The specific objectives were the followings

- I. To see the positive and negative impact of tourism in Maharashtra on environment.

- II. Tourism can contribute awareness to increase about conservation of the environment.

Research Methodology

The study has been conducted mainly on the basis of literature survey and secondary information. Various seminar papers and summary of discussion in those seminars, taskforce reports of research organization, journals and some periodicals on environmental impacts of tourism have been surveyed for the purpose of the study. Some environmental analyst and expertise person has also been interviewed for the purpose of accumulating facts and information.

Direct Environmental Impacts

Direct environmental impact of tourism included water quality, air quality, noise pollution, solid waste and littering, ecosystem alternation, impact of wild life and many more

1. Water quality

Water, and especially good quality of water is very important factor in tourism. The tourism industries generally overused of water for hotels, swimming pool, boating, cleaning and personal use by tourist. Certain activities of tourist in tourist place such as discharge of waste materials and sewage into water bodies.

2. Air quality

Transport by air, road, and rail is continuously increasing in response to the rising number of tourists and their greater mobility. During transport of tourists have use aircraft, railway and automobile emission of carbon monoxides and other harmful gases to the environment.

3. Noise pollution

Noise pollution from airplanes, railway, automobile as well as recreational vehicles such as snowmobiles and jet skis, is a problem of modern life. In addition to causing headache, annoyance, stress, and even hearing loss for humans, it causes distress to wildlife and birds, especially in sensitive areas.(www.unepie.org/tourism)



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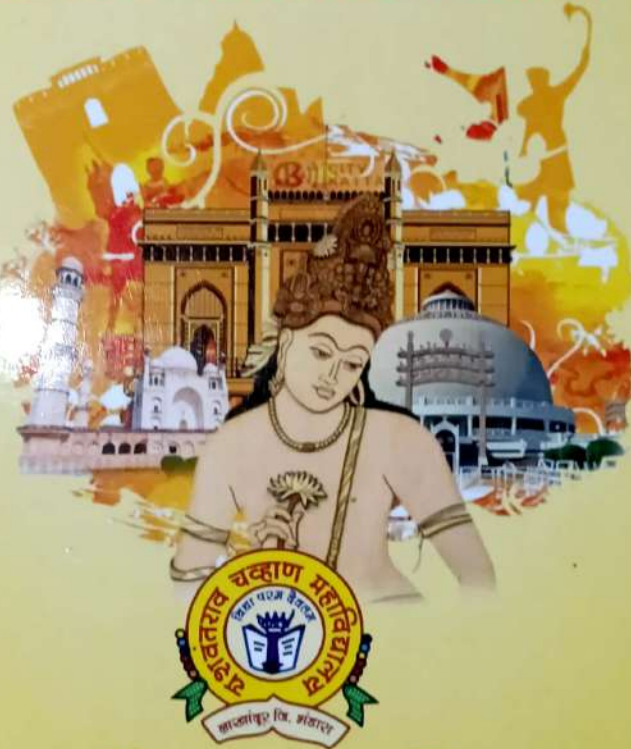
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02

Introduction of various types of tourism in India

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Abstract- Tourism industry is has emerged as one of the fastest growing industries in the world and economically important for rapid growth for India. There are various types of tourism branches in Incredible India, The Ministry of Tourism has identified 10 niche products for development, promotion, to attract tourists with specific interest and India as a 365 Days tourist destination. It is the largest service industry in India, The sector generated employments and add revenue to nation's GDP. India's medical tourism has emerged as a major tourism destination over the years. Tamil Nadu, Maharashtra and Uttar Pradesh are the most popular states for foreign tourists arrived in India, top five most visited cities of India by foreign tourists are Delhi, Mumbai, Chennai, Agra and Jaipur.

Introduction- India is Incredible and has a vast geographical and cultural diversity, From the snow capped hill stations of Kashmir to sea beaches of Kanyakumari. Tourism in India is the major revenue generating industry, Here is the list of top 10 states of India in number of foreign tourist visits in 2015. Maharashtra is second

most visited state in India by foreign tourists and boasts of a large number of popular monuments, Bollywood and colonial architecture. Aurangabad is the tourism capital of Maharashtra and tourism hub for historical monuments and heritage sites,

Tourism in India is growing rapidly, About 88.90 lakh foreign tourists visit India every year. e-Tourist Visa, visa on arrival policy and India's medical tourism sector are popular reason along with Incredible India campaign to promote tourism. The most popular states of India for tourist and tourism are Tamil Nadu, Maharashtra, Rajasthan, Kerala and Uttar Pradesh.

Medical Tourism Medical Tourism is traveling to another country for medical care, most often is for surgeries or travel for dental tourism. India is one of the most important health tourism and medical tourism travel destination worldwide. There are several hospitals provide medical tourism services in India such as Apollo Hospitals, Fortis Healthcare and Murugan Hospitals Chennai 10. There are three types of medical tourism: outbound, inbound, and domestic or intrabound.

Outbound: This type of medical tourism occurs when patients travel from the home country to a foreign country to receive medical treatment.

Inbound: This type involves patients traveling from a foreign country to the home country in search of medical care.

Intrabound or Domestic: Refers to patients traveling to another part of their own country.

The Medical Tourism Market Report: 2015 found that India was "one of the lowest cost and highest quality of all medical tourism destinations, it offers wide variety of procedures at about one-tenth the cost of similar procedures in the United States.

Wildlife Tourism Wildlife Tourism is one of the popular type of travel and tourism of

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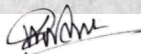


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ENVIRONMENT CONSERVATION AND SUSTAINABLE DEVELOPMENT IN INDIA

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Abstract:

Environment conservation and sustainable development share close relationship with each other. India has been a nature conscious country for several ages but the adverse impact of globalisation in terms of rapid technological development has caused a big harm to the environment. There is need of accomplishing a balance in the development and environment conservation to ensure the realisation of sustainable development.

Introduction:

Environmental Conservation and Sustainable Development are two closely associated factors. It is because of the big damage done to the environment by the present model of development. In the name of speedy growth, we are deceiving the environmental conservation. As a matter of fact there is urgent need to protect our environment. Our priority should be to prevent the disease and not to just treat it. It is not appropriate to think of sustainable development at the cost environment conservation and that is why it is important to consider the environmental, social, economic model of sustainable development based on the model of GDP. But before that it is necessary to take some facts related to environment conservation and development into consideration.

Key word: Environment Conservation, Sustainable Development, Biodiversity

India: From Nature Conscious to the Developing Country:

From Eighteenth Century a movement started to protect trees in India. In Rajasthan hundreds of men and women belonging to Bishnoi community sacrificed their lives for saving trees. In the nineteenth Century 'forest



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Impact of Electronic commerce on Consumer Buying Behaviour

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Abstract: The main aim of the paper is to accomplish measurable describing the actuality of internet shopping in the case of the India in order to explain the progress of internet shopping and its impact on consumer behaviour. The paper construct on the related literature. Furthermore, the future progress of internet shopping will be measured and deep evaluation of consumer behaviour connecting dissimilarations. This paper help the research questions that with current trends and various problems in internet shopping, and principle elements for consumer behaviour. As well, the finding of the study shows that internet consumer trust and detectable risk have strong impacts on their buying decisions. Privacy concerns, security concerns, consumer's trust are the main factors for using internet for shopping, the conviction on websites impact to the buying decision of any consumer. Further, the experiential result notified how the Electronic Commerce companies to build marketing strategies though the research data and analyzing result.

Key words: Electronic commerce, Impact, Consumer Buying Behaviour.

1. Introduction :

The internet is being developed speedly since last two decades, and with related digital economy and emerging economy that is driven by information technology

also being developed worldwide. Behind a long time growth of internet, which quickly augmented internet users and highly speed internet connection, and some updated technology also have been developed and used for web developing, those guide to firms can promote and enhance images of product and services through web site. Therefore, according to Arjun Mittal, details of 132 product information and better service attracts more and more people changed their consumer behaviour from the traditional method to more rely on the internet shopping. Say to other word, more companies have realized that the consumer behaviour transformation is required trend, and thus change their marketing strategy. As the current researches have indicated that, the internet shopping particularly in business to consumer has grow and online shopping become more popular too many people. Main reasons of rapid growth of internet shopping are which mainly due to the benefits that internet provides. Firstly, the internet offers different types of convenience to consumers. Noticeably, consumers do not require go out looking for product details as the internet can assist them to search from online sites, and it also helps evaluate connecting each sites to get the lowest price for purchase. Furthermore, the internet can increase consumer use product more efficiently and effectively than other channels to satisfy their requirements. Within the various search engines, consumers save time to access to the consumption related information, and which information with combination of descriptions, sound, and very deeply manuscript description to assist consumer learning and selecting the most suitable product (Moon, 2004). Though, internet shopping has prospective risks for the customers, such as payment safety, and after service.

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Structural, Morphological, Dielectric and Magnetic Behaviour of Rare Earth Substituted Cobalt Ferrite Nanoparticles - A Brief Review

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ABSTRACT

Cobalt ferrite proposes an excellent platform for solid state crystallography and structural chemistry point of view. The partial substitution of rare earth (RE) ion, such as Sm, Ce, Er, Dy, La and Nd for Fe³⁺ leads to structural bend in spinel structure which in turn induces strain and considerably modifies electrical and dielectric properties. The chemical as well as physical nature of the dopant into Cobalt Ferrite Oxide (CFO) matrix allows tuning of structural, magnetic and electrical characteristics. In the field of engineering, doping of advanced and efficient ferrite materials with different RE/TM-ions is a well-adopted, straightforward and flexible way to tune the structural properties. Depending on the ionic size and concentration, assimilation of RE/TM-ions in spinel ferrite results in upgraded dielectric constant, rise in resistivity and reductions in dielectric and magnetic losses. Such a detailed understanding of RE incorporation might allow further opportunities to tailor the CFO-based materials' behavior for selective applications, where thermal and chemical constancy becomes important. The amalgamation of rare earths elements into CFO would be more attractive for future applications, such as advanced sensors and photo-catalysis. Thus, a better understanding of the combined structural, magnetic, dielectric and transport properties of CFMO is highly beneficial to tune the properties for desired electronic and electromagnetic applications. The objective of present review article is to derive a precise understanding of the rare earth elements, substitution effects on the crystal structure, morphology, magnetic behavior, and dielectric properties of CFO.

Keywords : Rare earth elements (RE), Cobalt ferrite oxide (CFO), EDAX, VSM, SEM, TEM

I. INTRODUCTION

The cobalt ferrite (CoFe₂O₄) has got special attention due to its interesting and notable properties. A unit cell of cubic closed packed structure of spinel ferrite is

composed of total 96 number of interstitialcies by O²⁻ anions, out of which 64 are at tetrahedral (A) site and remaining 32 are at octahedral (B) site. From 64 A-site 8 and from 32 B-site 16 voids are occupied by

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प्रा. डॉ. गणेश एल. धोटे

सहाय्यक प्राध्यापक, भूगोल विभाग, यशवंतराव चव्हाण कला, वाणिज्य व विज्ञान महाविद्यालय, लाखांदूर, जि. भंडारा.

सारांश

लोकांची गुणवत्ता ही लोकसंख्येवरून नाही तर, त्यांच्या व्यावसायिक संरचनेवरून ठरवली जाते. एकूण लोकसंख्येत कामगारांचे प्रमाण यावरून लोकसंख्येची गुणवत्ता, आर्थिक स्थिती व राहणीमाणाचा दर्जा लक्षात येते. एकूण लोकसंख्येत कामगारांचे प्रमाण कमी असल्यास अशी लोकसंख्या आर्थिक दृष्ट्या मागासलेली समजली जाते. याउलट कामगारांचे प्रमाण अधिक असल्यास अशी लोकसंख्या आर्थिक दृष्ट्या सूक्ष्म समजली जाते. यावरून निर्भरता गुणांक काढून, निर्भरतेचे प्रमाण काढून अशी लोकसंख्या कार्यक्षम आहे की, मागासलेली आहे हे कळते.

महाराष्ट्राच्या पूर्व सिमेवर गडचिरोली हा जंगलव्याप्त व दुर्गम जिल्हा असून ९०% लोक कृषी व्यवसायात गुंतलेली आहेत. जिल्ह्यात कृषी योग्य क्षेत्र १७.९१ टक्के असून जलसिंचनाच्या फारशा सुविधा उपलब्ध नाही. जिल्ह्यात विपूल प्रमाणात वने, जल व खनिज संपत्ती असून मोठा उद्योग नाही. येथे निरक्षरतेचे प्रमाण बरेच असून शेती हा मुख्य व्यवसाय आहे. त्यामुळे कामगारांचे प्रमाण बरेच कमी आढळते. याचा परिणाम लोकांच्या राहणीमानावर होऊन लोकसंख्या मागासलेली व आर्थिक दृष्ट्या कमकुवत स्वरूपाची असते.

बीजसंज्ञा : लोकसंख्या, लोकसंख्येची गतिशिलता, कामगारांची संख्या, व्यवसायात नसलेली लोकसंख्या, आर्थिक विकास, मागासलेपणा.

प्रस्तावना

सर्वसाधारणपणे लोकसंख्येचा अभ्यास, लोकसंख्येचे वर्गीकरण, वितरणानुसार अंतर, त्यांचे गुणधर्म, लोकसंख्या वाढ, लोकसंख्येची घनता यानुसार केले जाते. यावर भौगोलिक व ऐतिहासिक घटकांचा परिणाम पडत असतो. (जेम्स ख. डब्ल्यू. डब्ल्यू) आधुनिक काळात लोकसंख्येत झपाट्याने बदल होत आहेत. तो बदल म्हणजे लोकसंख्येतील व्यावसायिक संरचना होय. लोक वेगवेगळ्या व्यवसायात गुंतलेली असतात. त्यांची नोंद जणगणना पुस्तिकेत कामगार अशी आहे. विविध व्यवसायात असणाऱ्या कामगारांच्या संख्येवरून लोकांची आर्थिक स्थिती समजू शकते. जेथे कामगारांचे प्रमाण जास्त अशी लोकसंख्या आर्थिक दृष्ट्या प्रबळ समजली जाते. याउलट ज्या लोकसंख्येत कामगारांचे प्रमाण कमी असते, अशी लोकसंख्या आर्थिक दृष्ट्या मागासलेली समजली जाते. अशा लोकसंख्येत कामगारांचे प्रमाण कमी असल्यामुळे अवलंबिताचे प्रमाण अधिक असते. अशा लोकसंख्येला आपला विकास साधतांना बऱ्याच अडचणीचा सामना करावा लागतो. गडचिरोली जिल्ह्यातील



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गडचिरोली जिल्ह्यातील कामगारांचे प्रमाण: निरंतर विकास

प्रा. डॉ. गणेश एल. धोटे डॉ. जे. व्ही. वडवे प्रा. डॉ. के. बाय. ठाकरे

¹सहा. प्राध्यापक, य. च. कला, वाणिज्य व विज्ञान, महा. लाखादूर

²प्राचार्य, य. च. कला, वाणिज्य व विज्ञान, महा. लाखादूर

³भूगोल विभाग प्रमुख, य. च. कला, वाणिज्य व विज्ञान, महा. लाखादूर

सारांश : लोकसंख्येच्या लोकांची गुणवत्ता ही लोकसंख्येवरून नाही तर त्यांच्या व्यावसायिक संरचनेवरून ठरते. एकूण लोकसंख्येत कामगारांचे प्रमाण यावरून लोकसंख्येची गुणवत्ता, आर्थिक स्थिती व राहणीमानाचा दर्जा लक्षात येतो. एकूण लोकसंख्येत काम करणाऱ्यांचे प्रमाण कमी असते म्हणजे अशी लोकसंख्या अतिक्रमीत व मागासलेली समजली जाते. तर कामगारांचे प्रमाण अधिक असल्यास, लोकसंख्या आर्थिक दृष्ट्या सक्षम समजली जाते. अशा वेळी प्रदेशाचा विकास अधिक झपाट्याने होत असतो विकास होत असतांना निरंतर विकास महत्वाचा ठरतो.

महाराष्ट्राच्या पूर्व सिमेवर गडचिरोली हा जंगलव्याप्त व दुर्गम जिल्हा असून बहुतांश लोक शेती या व्यवसायात गुंतलेली आहे. जिल्ह्यात कृषी योग्य क्षेत्र 17.93 टक्के असून, जिल्ह्यात शेतीकरीता जलसिंचनाच्या फारशा सुविधा उपलब्ध नाही. जिल्ह्यात विपूल प्रमाणात वने जल व खनिज संपत्ती असून मोठा उद्योग नाष्टी. त्यामुळे कामगारांचे प्रमाण तूलनेने कमी आढळून येते. याचा परिणाम विकासावर होऊन, बर्गीत लोकसंख्या दारिद्र्य रेषेखाली जिवन जगत आहे. त्यांचे आर्थिक उत्पन्न वाढवितांना निरंतर विकासाची संकल्पना कायम ठेवणे आवश्यक आहे.

बीजसंज्ञा : लोकसंख्या, लोकसंख्येची व्यावसायिक संरचना, गतिशिलता, आर्थिक विकास, व निरंतर विकास.

प्रस्तावणा : सर्वसाधारणपणे लोकसंख्येचा अभ्यास, लोकसंख्येचे वर्गीकरण, वितरणानुसार अंतर, त्यांचे गुणधर्म, लोकसंख्या वाढत व्यावसायिक संरचना, लिंगगुणोत्तर व लोकसंख्येची घनता यानुसार केले जाते. यावर भौगोलिक व ऐतिहासिक घटकांचा परिणाम पडत असतो. (Premi K. & P. Tyagi) आधुनिक काळात लोकसंख्येच्या संरचनेत झपाट्याने बदल होत आहे. तो बदल म्हणजे लोकसंख्येतील व्यावसायिक संरचना होय. लोक वेगवेगळ्या व्यवसायात गुंतलेली असतात. त्यांची नोंद जणगणना पुस्तिकेत कामगार अशी आहे. विविध व्यवसायात असणाऱ्या कामगारांच्या संख्येवरून लोकांची आर्थिक स्थिती समजू शकते. जेथे कामगारांचे प्रमाण जास्त अशी लोकसंख्या आर्थिक दृष्ट्या प्रबळ समजली जाते. व अशी लोकसंख्या विकासाचे सूचक मानले जाते. गडचिरोली जिल्ह्यातील एकूण लोकसंख्येत कामगारांचे प्रमाण याचा अभ्यास करतांना हाच दृष्टीकोण येथे ठेवण्यात आलेला आहे. लोकसंख्येतील कामगारांच्या प्रमाणावरच आर्थिक विकास अवलंबून असतो.

परिकल्पना : गडचिरोली जिल्ह्यांचा बहुतांश भाग जंगलमव्याप्त असून शेती करीता अल्प क्षेत्र उपलब्ध आहे. याशिवाय मोठी लोकसंख्या ग्रामीण भागात वास्तव्याला आहे. येथे व्यावसायिक दृष्ट्या कामगारांचे प्रमाण कमी आहे. त्यामुळे येथिल लोकसंख्या आर्थिक दृष्ट्या मागासलेली आढळून येते. यांचा परिणाम जिल्ह्याच्या विकासावर झालेला दिसून येतो.

अभ्यासाची उद्दिष्ट्ये : गडचिरोली हा वनव्याप्त आदिवाशी बहुल जिल्हा आहे. येथिल एकूण लोकसंख्येत कामगारांचे प्रमाण, व यांचा विकासावर व लोकांच्या आर्थिक बाबींवर तसेच निर्भरतेवर परिणाम झालेला आहे. याचा अभ्यास करून निरंतर विकास हा उद्दिष्टे समोर ठेऊन हा अभ्यास करण्यात आलेला आहे.

संशोधनाची पध्दती : प्रस्तूत अभ्यास हा पूर्णतः द्वितीयक माहितीवर आधारित आहे. जणगणना माहिती पुस्तिका, आर्थिक व सामाजिक समालोचन, विविध शासकिय कार्यालयामधून आवश्यक माहिती मिळवून, वर्गीकरण आणि विश्लेषण करून विश्लेषण केलेले आहे.

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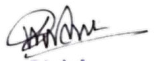
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प्रा. डॉ. गणेश एल. धोटे

सहाय्यक प्राध्यापक, भूगोल विभाग, यशवंतराव चव्हाण कला, वाणिज्य व विज्ञान महाविद्यालय, लाखांदूर, जि. भंडारा.

सारांश

लोकांची गुणवत्ता ही लोकसंख्येवरून नाही तर, त्यांच्या व्यावसायिक संरचनेवरून ठरवली जाते. एकूण लोकसंख्येत कामगारांचे प्रमाण यावरून लोकसंख्येची गुणवत्ता, आर्थिक स्थिती व राहणीमाणाचा दर्जा लक्षात येते. एकूण लोकसंख्येत कामगारांचे प्रमाण कमी असल्यास अशी लोकसंख्या आर्थिक दृष्ट्या मागासलेली समजली जाते. याउलट कामगारांचे प्रमाण अधिक असल्यास अशी लोकसंख्या आर्थिक दृष्ट्या सक्षम समजली जाते. यावरून निर्भरता गुणांक काढून, निर्भरतेचे प्रमाण काढून अशी लोकसंख्या कार्यक्षम आहे की, मागासलेली आहे हे कळते.

महाराष्ट्राच्या पूर्व सिमेवर गडचिरोली हा जंगलव्याप्त व दुर्गम जिल्हा असून ९०% लोक कृषी व्यवसायात गुंतलेली आहेत. जिल्ह्यात कृषी योग्य क्षेत्र १७.९१ टक्के असून जलसिंचनाच्या फारशा सुविधा उपलब्ध नाही. जिल्ह्यात विपूल प्रमाणात वन, जल व खनिज संपत्ती असून मोठा उद्योग नाही. येथे निरक्षरतेचे प्रमाण बरेच असून शेती हा मुख्य व्यवसाय आहे. त्यामुळे कामगारांचे प्रमाण बरेच कमी आढळते. याचा परिणाम लोकांच्या राहणीमानावर होऊन लोकसंख्या मागासलेली व आर्थिक दृष्ट्या कमकुवत स्वरूपाची असते.

बीजसंज्ञा : लोकसंख्या, लोकसंख्येची गतिशिलता, कामगारांची संख्या, व्यवसायात नसलेली लोकसंख्या, आर्थिक विकास, मागासलेपणा.

प्रस्तावना

सर्वसाधारणपणे लोकसंख्येचा अभ्यास, लोकसंख्येचे वर्गिकरण, वितरणानुसार अंतर, त्यांचे गुणधर्म, लोकसंख्या वाढ, लोकसंख्येची घनता यानुसार केले जाते. यावर भौगोलिक व ऐतिहासिक घटकांचा परिणाम पडत असतो. (जिस् ख ३. ३. ३. ३) आधुनिक काळात लोकसंख्येत झपाट्याने बदल होत आहेत. तो बदल म्हणजे लोकसंख्येतील व्यावसायिक संरचना होय. लोक वेगवेगळ्या व्यवसायात गुंतलेली असतात. त्यांची नोंद जणगणना पुस्तिकेत कामगार अशी आहे. विविध व्यवसायात असणाऱ्या कामगारांच्या संख्येवरून लोकांची आर्थिक स्थिती समजू शकते. जेथे कामगारांचे प्रमाण जास्त अशी लोकसंख्या आर्थिक दृष्ट्या प्रबळ समजली जाते. याउलट ज्या लोकसंख्येत कामगारांचे प्रमाण कमी असते, अशी लोकसंख्या आर्थिक दृष्ट्या मागासलेली समजली जाते. अशा लोकसंख्येत कामगारांचे प्रमाण कमी असल्यामुळे अवलंबिताचे प्रमाण अधिक असते. अशा लोकसंख्येला आपला विकास साधतांना बऱ्याच अडचणीचा सामना करावा लागतो. गडचिरोली जिल्ह्यातील

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IDENTITY CRISIS IN GITHA HARIHARAN'S 'THE GHOSTS OF VASU MASTER'

Prof. Dr. Rakesh Vishwanath Talmale

Assistant Professor in English,
Yashwantrao Chawhan Arts, Commerce & Science College,
Lakhandur, Dist- Bhandara.

Abstract:

Indian English literature is overwhelmed with the social and cultural ethos of India. It represents Indian scenerio in one sense and Indian psychology in another. Many novelist tries to focus on Indian tradition, religion, society which seen in their surroundings. Some novelists of Indian English writing are revolutionary as they remarkably expose other side the fact lurks on the surface of the society. They bombastically expose the hidden but unraveled truth of the traditional ethos which makes impact on the individual's psychology.

Githa Hariharan's novels, short stories, essays, newspaper articles and columns are immensely popular in the contemporary Indian English writing. Githa Hariharan's 'The Ghosts of Vasu Master' (1994) is outstanding novel asserts in-depth psychology of the Indian teacher Vasu Master and his dumb and contented ward Mani.

Keywords: Identity, Psychology, Self-realization, Education system, Teacher.

Introduction:

Literature is mirror image of human life. It incorporates the threads of human psyche and their action in life. While studying literature, one can study literature as to discover unknown meaning of life. The modern psychological novel presents the deeper and more searching significance of the present scenario. It displays the structure of psychology of modern man. The thoughts and feelings of the personage of the novel show the way to search the self-consciousness. Githa Hariharan's 'The Ghosts of Vasu Master' evinces the self-assertion of a retired teacher Vasu Master whose life becomes meaningless after retirement and shows the loss of individuality.

Githa Hariharan expresses the concept that the unconscious mind can be studied through self-realization. She investigates the complex structure of unconscious psyche of her characters. She takes the reference of Sigmund Freud's theory of 'Psychoanalysis' from the book 'Art and Literature'. According to Freud, the receipt of psychological fallout is the infamous of

unconscious behavior and experience. Most of the substance of the unconsciousness is unacceptable or unpleasant, for example fillings of pain, distress, anxiety or strife. The unconscious also contains what Freud calls laws of transformation; these are the principles that lead the process of repression and sublimation. In 'The Ghosts of Vasu Master', Vasu Master sustains number of psychological conflicts. Hariharan used tales, incidents and narratives to explore Vasu Master's conscious psychology.

Being the protagonist of the novel, Vasu Master shares past events of his life with several other characters. These other characters of the novel too narrate their own stories. Every chapter is formed as an independent tale; which shows the innovative quality of the novel. It is similar like monologue with a salient listener.

Vasu Master has recently retired as a teacher from P.G. Boy's school, Elipetta. He is the teacher of English language and literature. On his retirement, he gets a note book as a gift from his students. He plans to write an essay entitled "From decades in a classroom" as a guide to young teachers. Instead of his vast teaching experience, he cannot write about his teaching as the past events follow him like Ghosts. Though, after his retirement, he wishes to start the second half of his teaching career. Vasu Master provides tuition classes to teach Mani, a slow learner along with three more students. Mani is a papaya shape head and is dumb and contented child. Vasu Master observes, "It was this Mani who came to me, twelve years old, with, it seemed the brain of a six or seven-year-old" (GVM: 12). Mani was not considered a clever child, or an especially attractive but he was quite and confused one. Vasu Master accept him as an opportunity to prove his experience as a teacher and he said,

Of course I will teach him, I heard myself say, brining the interview to an abrupt end. I accepted my new chare immediately because I knew Mani was not like the other three tuition boys. They seemed bore and lazy, a I often thought that they richly deserved the two doses they got of the same lessons, once in school and then again in my room. (GVM: 10).



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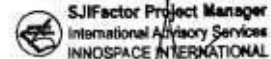
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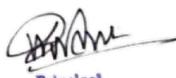
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OEDIPUS COMPLEX- A DOMINANT ELEMENT IN GIRISH KARNAD'S YAYATI

Prof. Dr. Virendra B. Turkar

Assistant Professor of English
 Yashwantrao Chawhan Arts, Commerce & Science
 College, Lakhandur

Abstract:

The present paper aims at unfolding the mystery of occult relationship between a father and a son in relation to a mother. The son's attraction for the mother and his ill wish to have sexual relations with the latter and the intervention of the father which disrupts the plan of the son are the key themes of the play, Yayati written by Girish Karnad. Oedipus complex seems to dominate the entire plot of the play.

Keywords: Oedipus complex, incestuous relationship, mythology, male child, male parent.

Introduction:

Girish Karnad is a modern Indian playwright who pens works of art in his regional language. Besides being a famous actor as well as a director of theatre and films, he earned image as an innovative and creative dramatist after independence. Originally, he wrote the plays in regional language and they were translated later in other languages such as English, Hindi etc. There is a deep impact of existentialist views of Jean Paul Sartre and Albert Camus on Girish Karnad. He is much fond of conventions and customs. He finds apt material for plots in his own culture and history but presents them in modern way. Thus he promotes the spirit to think over modern happenings through the historical and mythical perspectives.

The Oedipus story as described in the Greek mythology holds historical and cultural significance. It is quite apt to take the tale of Oedipus into consideration before taking the stock of its dominance and influence in the play Yayati written by famous Indian playwright Girish Karnad. The tragedy of Oedipus needs to be studied in connection with the ancient age, culture and the spirit of the primitive era. The prediction of an oracle proved true as the Oedipus killed the king Laius who was none other than his own father and married the queen who was actually his mother. Oedipus tries his best to escape misfortunes but finally he has to meet with the disastrous destination, a point at which he finds that nothing is left to be thought as good and

encouraging to continue the journey of life. Even so, all the miserable and unfortunate incidences that occurred in the life of Oedipus were the result of ignorance and unknowingness. Oedipus doesn't kill his father knowingly nor does he marry his own mother wittingly. But when he realizes the bad and bitter truth of life, he blinds himself while the queen, on the other hand, commits suicide. Destiny cunningly deceives him. He, however, holds himself responsible for whatever sinful happens in the life.

Oedipus complex, according to Sigmund Freud denotes the incestuous attraction of a male child toward the parent of opposite sex, that is, a mother. The male child looks at his father as a barrier on his way to fulfilling sexual desire with his mother. Calvin S. Hall comment on this strange relationship between a son and a father in relation to a mother as follows:

Prior to the emergence of the phallic period, a boy loves his mother and identifies with his father, when the sexual urge increases, the boy's love for his mother becomes more incestuous and as a result becomes jealous of his rival, the father. This tail of affair in which the boy causes the exclusive sexual possession of his mother and feels antagonistic towards his father, is called as the Oedipus complex.¹

Having taken above view expressed by Hall into consideration, it can be said that the relationship that exists between a father and a son in Girish Karnad's Yayati suffers from Oedipus complex. Plays written by Girish Karnad are replete with the scenes in which, the exchange of dialogues with the use of abusive and foul words frequently takes place. Yayati is typically a play which falls in the abovementioned category. The nexus between Yayati and Pooru seems to have been dominated by Oedipus complex. Karnad's Yayati who is a king establishes sexual relationship with his attendant for which he is punished with untimely old age. But his son Pooru took the curse upon himself and he became old in place of his father. In this way, Pooru replaced his father to satiate his carnal desire of sex with his mother. Since early



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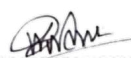
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**GITHA HARIHARAN'S NARRATIVE TECHNIQUE IN 'THE THOUSAND FACES OF NIGHT' AND 'THE GHOSTS OF VASU MASTER'****DR. RAKESH VISHWANATH TALMALE**Assistant Professor in English,
Yashwantrao Chawhan Arts,
Commerce & Science College,
Lakhandur, Dist- Bhandara.**ABSTRACT**

The eminent Indian writer Githa Hariharan got enormous encouragement from her predecessors and wrote one novel after another of enduring quality. Githa Hariharan is post-colonial novelist alive to contemporary reality and thought. Her novels are purposeful and thought provoking. The present work, "Githa Hariharan's Narrative Techniques in 'The Thousand Faces of Night' and 'The Ghosts of Vasu Master'" is an in-depth study of her narrative technique which embarks her ideas and philosophy of life. Her narrative technique emancipates Indian scenario, atmosphere and feeling that openly shine on the global horizon of the popular genre. Literature is reflection of life. All genres of literature are embarked on revealing life one way or another. Novel is generally considered as a "long narrative in prose detailing the actions of factious people" (Williams, 1972). In a way, more than a prosaic description of persons, events or incidents, it is a lively composition of the same with the perfect blending of fact and fiction. The depiction of all such events and characters through a cohesive whole can guarantee lasting success for the writer and his work. The required organic unity among various characters, events and dialogues can be achieved through perfect narration. The art of narration pertains to two basic queries- 'what' and 'how'. 'What' part of narration discusses the various recurrent themes at length. In the present work, a study is undertaken to elaborate in details the 'how' aspect of narrative technique. As the realm of narrative technique is quite vast and endless, an attempt is made to limit the study to the use of various modes like humour, simile metaphors, irony, symbolism, personification, repetition etc. as found in the two novels of Githa Hariharan.

Keywords - Narrative, Genre, Humour, Simile, Metaphor, Irony, Symbol.**I) Humour**

Humour is useful tool in the hands of a skillful artist to shape his plot in an interesting manner. According to Carlyle, "Humour is sympathy with the seamy side of things." It is sympathetic appreciation of the comic. Among the early exponent of the humour, Geoffrey Chaucer stands out as the best among his lot. However, among the novelists of the later years, Charles Dickens is incomparable; his humour becomes more mature when he depicts the human follies and foibles, inconsistencies and incongruities. In fact, as a humorist, he stands

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ECO-CRITICISM AND ERNEST HEMINGWAY: A CRITICAL STUDY**DR. VIRENDRA B. TURKAR**Assistant Professor of English,
YashwantraoChawhan Arts, Commerce & Science,
College,Lakhandur,**ABSTRACT:-**

The present paper attempts to make a critical study of the theory of eco-criticism in view of the current situation across the globe in which, the problem of imbalance in the environment due to human interference has put forth a big challenge before the existence of all living beings and briefly observes the trace of this theory in the works of Ernest Hemingway. English literature contains plethora of occasions in which the issue of rising ecological imbalance is either directly or indirectly addressed. Hemingway's novels and short stories appear to have included the eco-critical perspectives. Eco-criticism explores the relationship between literature and environment.

Key Words:- Eco-Criticism, Ecology, Eco-Centric, Ernest Hemingway


Introduction:- Eco-criticism is a literary and cultural critical appreciation of the works of art from an environmentalist point of view. Literary works are appraised in terms of their environmentally damaging or cooperative effects. Beliefs and ideologies are measured for their environmental implications. Eco-critics peep into the investigation of the history of concepts such as 'nature', in an attempt to comprehend the cultural progress of mankind, which has given birth to the present worldwide ecological predicament. Straight representations of environmental degradation or political problems are of obvious interest to eco-critics. In the literary works of Ernest Hemingway, there are so many points at which he seems to be raising the concern for the hazardously growing imbalance between the world of human beings and the environment.

The term 'ecological' was first used by Karl Kroeber in 1974. In this regard, the view of Pramod K. Nayar expressed in the book entitled, *Contemporary Literary and Cultural Theory* can be taken into consideration. He rightly puts that Eco-criticism originates in a bio-social context of unrestrained capitalism, excessive exploitation of nature, worrying definitions, and shapes of development and environmental hazard. While it does not seek to alter the course of any of these very real factors, its task is to see how theoretically informed readings of cultural texts can contribute not only to consciousness growth, but also look into the politics of development and the construction of nature.¹

Eco-criticism has a crucial role to play in the study of human bond with nature. Over the period of thirty years, eco-criticism has made the scholars to pay their attention toward itself, and has emerged as one of the most significant and interesting critical theories applied to the interpretation of works of art. It is quite apt, on our part, to know the meaning of eco-

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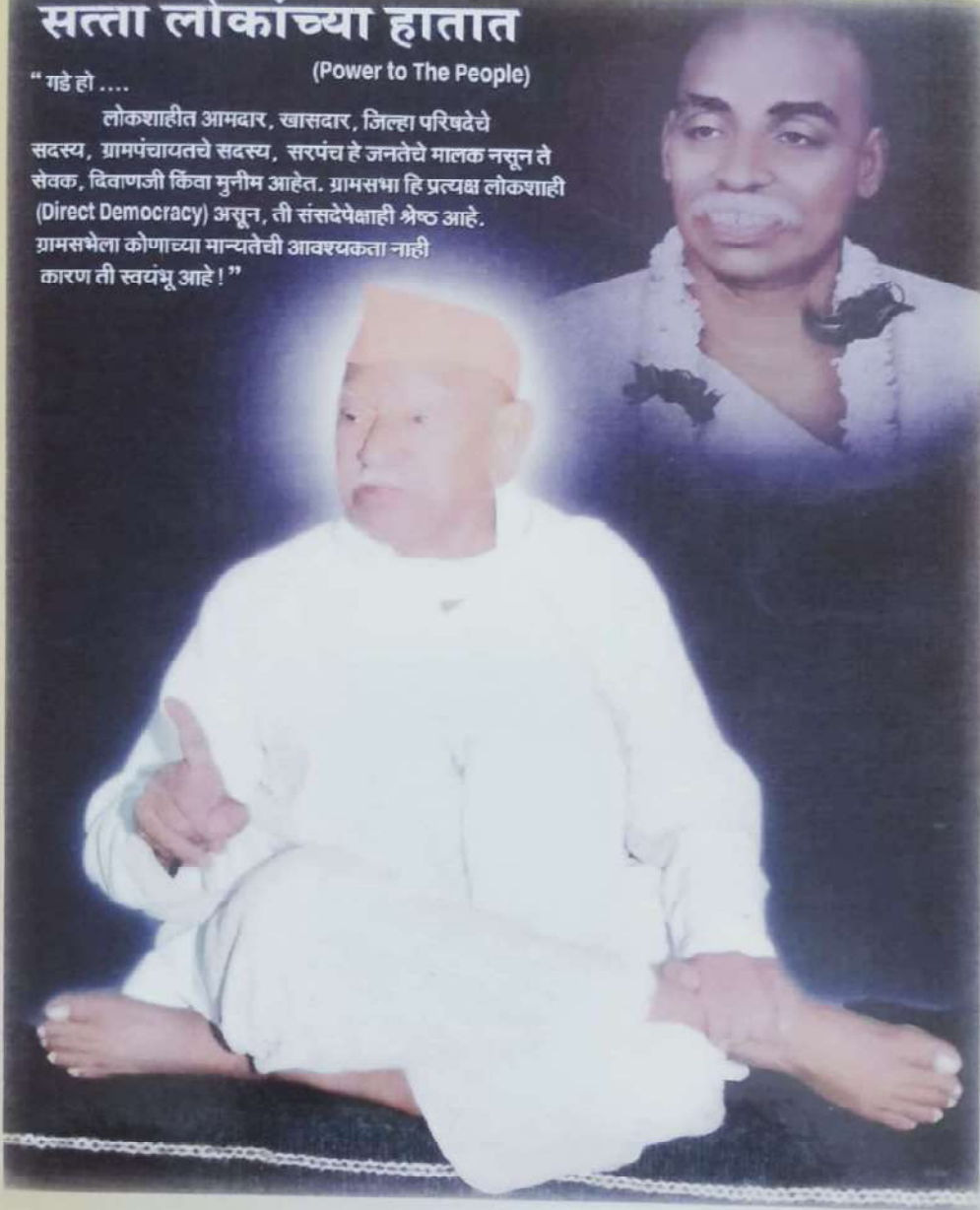
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लोकशाहीत आमदार, खासदार, जिल्हा परिषदेचे सदस्य, ग्रामपंचायतचे सदस्य, सरपंच हे जनतेचे मालक नसून ते सेवक, दिवाणजी किंवा मुनीम आहेत. ग्रामसभा हि प्रत्यक्ष लोकशाही (Direct Democracy) असून, ती संसदेपेक्षाही श्रेष्ठ आहे. ग्रामसभेला कोणाच्या मान्यतेची आवश्यकता नाही कारण ती स्वयंभू आहे ! ”




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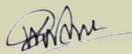
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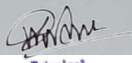
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साराशं :-

गोविंदाग्रज, बी, मुक्तिबोध आणि अनिल यांची काव्यकमळे एकामागून एक अशी पाकळ्या मिटून घेत गेली. मधूकर केचे यांनी 'आसवांचा ठेवा' अर्पून विदर्भ-वीणेवर एक आवर्तन पूर्ण केले आणि त्यानंतर शब्दबंध मूक होऊन जातात की काय अस वाटता-वाटताच विदर्भ-वीणेवर पुन्हा एकदा समृद्धीचे राग छेडले जाऊ लागले. सुरेश भट, 'प्रेस', श्रीधर शनवारे, वसंत आबाजी डहाके, सुधाकर गायधनी, प्रभा गणोरकर, यशवंत मनोहर, राम शेवाळकर, पूर्वविदर्भातील हरिचंद्र बोरकर, कवयत्री अंजनाबाई खुणे, घनश्याम डोंगरे, हिरामण लांजे, लखनसिंह कटरे, राम महाजन, डॉमा कापगते इत्यादी. या कवींची समृद्ध कविता स्वतःसोबत विविधांगी सचित घेऊन अवतरली आणि पुन्हा एकदा कवितारतीच्या शाखा पल्लवित होऊ लागल्या.

प्रस्तावना :-

वैदर्भीय कविता आणि कवी यांच्या अभ्यासाच्या अनुसंगाने विचार करतांना आपण विदर्भातील कवी व त्यांच्या कविता यांचा परामर्ष घेतला आहे. त्या मध्ये जे नावाजलेले कवी आहेत. एकूणच विचाराचा प्रभाव केवळ विदर्भातच पडलेला नसून संपूर्ण मराठी साहित्यावर पडलेला दिसतो. त्यात मराठमोडी कविता आहे. तसेच विदर्भातील पराठी, काळीमाती, झाडीतील वृक्ष, तलावातील राने इत्यादीचा मागोवा घेतलेला आहे. काहीवेळा यशवंत मनोहर यांच्या कविता पाहिल्या तर एक विद्रोहानी पेटलेल्या कविता सुध्दा पाहावयास मिळतात. तर प्रेमविषयक, मातृत्वविषय, शेतीविषयक, रानातील माणूस अशा विविध अंगानी इथली कविता फुललेली आहे.

कवितांची विविध रूपे -

या कवितांची रूपे तरी किती विविध ? कुठे अंगभूत संगीतात न्हाऊन आत्मप्रवाहाच्या अबोध तळीचा सूर छेडणारी विशुद्ध कविता (प्रेस), तर कुठे उद्ध्वस्त मनःस्थितीतील गद्यसदृश, पण तरीही लिरिकल राहिलेली आत्मचिंतनपर कविता (डहाके), कुठे विषवृक्षाची मुळे शोधीत अगदी संज्ञेच्या काठापर्यंत जाणारी व रसिकाला स्थलकालात्मक अनुभवाचा रसमय प्रत्यय देणारी कविता (गायधनी), तर कुठे कथात्मकतेच्या परिघात, बंदिस्त झालेल्या नियतीच्या दहशतीला भावनेची ऊब व पांडित्याची डूब देणारी कविता (शनवारे), कुठे सामाजिक कृतज्ञतेने ओथंबणारी व एका उमद्या विरक्तीनं मोहरून जाऊन आत्मधुंद स्वगते गुणगुणणारी कविता (भट), कुठे समुद्री वान्याची हिंदोळती अधोरेखित उरी कोंडून एका बिनतोड असमाधानातच भिरभिरत राहणारी व्यथागर्भ कविता (गणोरकर), तर कुठे निळवाकाळ्या घनभरल्या वातावरणात ज्वालांचे निःश्वास फुंकीत येणारी प्रखर विद्रोहाची कविता (यशवंत मनोहर) !

अशी विविध रूपे धारण केलेली, गेल्या अनेक वर्षांमधली वैदर्भीय कविता आपल्या सान्यांच्याच भेटीला अधूनमधून येत असते. कधी थिरकत-भिरभिरत, कधी गहिवरत-स्फुंदत, तर कधी आक्रोशत ! आणि एकेका खेचक विभ्रमाची मोहिनी घालून तो आपल्याला घेऊन वसते तशी अंतर्मुखही करून सोडत असतेच.

राजमान्यता, समाजमान्यता, रसिकमान्यता

या वैदर्भीय कवींपैकी काहींना राजमान्यता लाभली आहे. ही देखील एक आनंदाची गोष्ट. प्रेसच्या 'चंद्रमाधवीचे प्रदेश' या व यशवंत मनोहरांच्या 'उत्थानगुफा'ला शासनाने गौरविले. त्यापूर्वी श्रीधर शनवारान्यांच्या 'उन्ह उतरणी'चा, सुरेश भटांच्या 'रंग माझा वेगळा'चा आणि प्रभा गणोरकरांच्या 'व्यतीत'चा गौरव शाननाने आधीच केलेला होता. सुधाकर गायधनींच्या 'कब्रीतला समाधिस्त' व श्रीधर शनवारान्यांच्या 'आतून बंद बेट'ला एम. ए. च्या अभ्यासक्रमात ठेवला गेला. या सर्व बाबी देखील त्याच तोलाची एक स्वागताह घटना समजावी लागेल.



Human Apathy towards Animals in the Novels of Ernest Hemingway in the Light of Eco-Criticism

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Abstract

The present research paper aims at making a critical study of human ignorance towards the feelings of non-human living beings. Ernest Hemingway's novels like *The Old Man and the Sea* and *The Sun Also Rises* offer much scope to the critical study of human apathy towards animals through eco-critical perspective.

Key Words: ecocriticism, eco-centric, environment, apathetic attitude

Ernest Hemingway was a writer with the undisputed competence to create a new literary world. American literature cannot be imagined without him. So is the impact of this creative literary artist on it along with the world literature. The entire world of his writings is based on his adventurous spirit.

While examining the human apathy towards animals in the novels of Ernest Hemingway in the light of eco-criticism, it is apt to have a quick and short glance at the theory of ecocriticism. Ecocriticism is a critical interpretation of a work of art from an eco-critical perspective. Literary works are studied in the light of disastrous and constructive effects on nature they produce and thereby positive environmental change is sought. The deterioration of the environmental values and the related problems like the harm to biodiversity generate special interest among the eco-critics.

Ernst Heinrich Haeckel made the use of the term ecology in 1876 for the first time. The term 'ecological' was first used by Karl Kroeber in 1974. While William Rueckert coined the term ecocriticism in 1978 in his essay "Literature and Ecology:

An Experiment in Ecocriticism", and emphasizes that "ecology has the greatest relevance to the present and future of the world we all live".¹

William Rueckert seems to assert the relevance of the theory of ecocriticism in order to maintain a safe and sound environment. However, the contribution of Cheryll Glotfelty in bringing the theory of eco-criticism to limelight is beyond doubt significant. *The Eco-criticism Reader: Landmarks in Literary Ecology* published in 1996 by Cheryll Glotfelty and Harold Fromm is the seed-work of the theory of eco-criticism. As an initiator of this approach she believes, 'Simply put, ecocriticism is the study of the relationship between literature and the physical environment'.² In *The Environmental Imagination*, Buell declares that "the study must be conducted in a spirit of commitment to environmentalist praxis".³ Ecocriticism is the study of the relationship between humans and nonhuman beings; living organisms and the environment as presented in the literary works. In other words, the investigation and examination of the relationship between literature and the environment from the ecological perspective is to make an analysis of

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Dr. Mangla Tomar is an Assistant Professor (HOD ENGLISH DEPARTMENT) in G. S. College of Commerce, Wardha, Maharashtra, working in this institution since 2003. She is M.A., M.Ed., M.Phil Ph.D. and has about 41 papers to her credit published in National and International Journals. She has distributed a book named "English for Beginners." She has written book chapters in 15 different edited books. She is likewise connected with Cambridge University and running two Cambridge courses: Business English Cambridge Exam (Preliminary Level) and Business English Cambridge Exam (Vantage Level). She is additionally directing understudies Banking Certificate Course in Insurance and Finance run by Bajaj Group.



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Chapter-4

Forging New Pathways: Skilled Based Education

Dr. Rakesh U. Thakare

*Assistant Professor, Dept. of Microbiology
Yashwantrao Chawhan College, Bhandara*

Abstract:

This paper focuses on the need of using innovative and new pathways for skilled based education during COVID-19. It also includes findings on how prospective students are responding to the corona virus by using innovative apps in education sector during COVID-19.

Keywords: *Innovative Skills, Apps, Digital India etc.*


Introduction:

Covid-19 is an infectious disease caused by severe acute respiratory syndrome coronavirus-2 (SARS-COV-2). The disease was first identified in December 2019 in Wuhan, the capital of China's Hubei province, and has since spread globally, resulting in the ongoing 2019-20 coronavirus pandemic. It is contagious in humans and the World Health Organization has designated the ongoing pandemic of covid-19 a Public Emergency of International concern.

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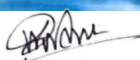
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CHAPTER 11

A STUDY OF CURRENT TRENDS OF DIGITAL COMMERCE IN INDIA

Dr. Rita Ramji Raut¹⁶

Abstract

Digital Commerce is the process of using technology at various online platforms. Currently it is the main foundation of successful organized industry. Now a day's new trend of commerce spread rapidly among a person that is Digital Commerce Indian government provided various platforms of digitization. Due to the corona pandemic, many businesses were locked and lost. In that period, people need job; people need a platform to fulfill their requirements and selling their talent. Through social media, we have seen that many peoples created their videos that showing their talent. Online platform reached everywhere from urban to rural, rural to urban. So, we can feel here the touch of digital commerce. Each and every family has going for learning the online fundamentals in India.

There is a trend of using cashless transactions methods for payments in bank or shops, cashless shopping, online tutorials etc. This is the Digital Commerce. The data material is collected from official reports, meeting agenda, books, articles, newspapers and websites etc. for the research paper. This study will focus on role of digital commerce in various fields and its application and need of digital commerce and give some suggestions for disapplication of digital commerce.

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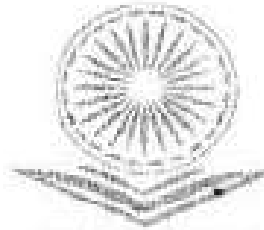
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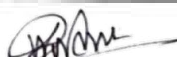
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२. भंडारा जिल्ह्यातील प्रमुख कृषी पिकांचे अभिक्षेत्रिय विश्लेषण : एक भौगोलिक अभ्यास

शा. डॉ. के. वाय. ठाकरे

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सारांश

जिल्ह्यातील हवामान मान्सून प्रकारचे असून पावसाळा दमट आडळता. या हवामान प्रकारात पावसाचे प्रमाण भरपूर असल्यामुळे सर्वत्र तांदूळ या पिकांची लागवड केली जाते. याशिवाय रबी हंगामात गहू, तांदूळ, ऊडीद, मूंग, दूळ, तेलबिया व इतर पिके बांधे उत्पादन घेतले जाते, उन्हाळी हंगामात सर्वत्र तांदूळ हे पिक घेतले जाते, एकंदरीत जिल्ह्यातील हवामान तांदूळ पिकांकरिता अनुकूल असल्यामुळे तुमसर, मोहाडी, भंडारा, लाखणे, साकोली, पवनी व लाखांदूर या तालुक्यात तांदूळ हे प्रमुख पिक घेतले जाते. तांदूळ पिकांचे सर्वाधिक उत्पादन व क्षेत्र मोहाडी तालुक्यात तर कमी लागवड क्षेत्र साकोली तालुक्यात दिसून येते. याशिवाय ऊस, मिरची, वटणा, सोयाबिन, कापूस, कुडीव, बरबटी व भाजीपाला यासारखे पिके जिल्ह्यात घेतली जातात.

बीज संज्ञा :- कृषी उत्पादने, जलसिंचन, उदरनिर्वाह शेतती, व उत्पादकता, आधुनिक तंत्रज्ञान

प्रस्तावना

कृषी हा भारतातील प्रमुख व्यवसायांमधील एक असून यानुन मानवाच्या मूलभूत गरजांची पूर्तता केली जाते. म्हणून शेतती व्यवसायाला मानवी जिवनाचा मूलभूत आधार मानले जाते. शेतती विकसनावर अनेक घटकांचा प्रभाव पडत असून यात भौगोलिक, सामाजिक व आर्थिक हे घटक प्रमुख आहे. यथारच शेततीचा विकास अवलंबून असतो, यशिवान शेततीखालील प्रदेश व मालतीची सुषिकता या गोष्टीचा त्या प्रदेशातील पिक प्रारूपावर विशेष प्रभाव पडत असतो.

भारतासारख्या देशात ६५% लोक शेतती व शेततीवरील उपयोग घंदयात अवलंबून आहेत. व राष्ट्रीय उत्पन्नापैकी २२ ते २६% इतके उत्पन्न हे शेतती व्यवसायातून प्राप्त होते. म्हणून शेततीला भारतीय अर्थव्यवस्थेचा कणा संबोधले जाते. असे असले तरी पिकांच्या बाबतीत प्रदेशानुसार भिन्नता दिसून येते. म्हणजेच कृषी पिकांवर तापमान, पर्जन्य, आर्द्रता, मृदा ई. नैसर्गिक, आर्थिक यत्नारख्या घटकांचा प्रभाव पडतो. याबाध परिणाम म्हणून भंडारा जिल्ह्यात सुधा विभागानुसार कृषी पिकांच्या बाबतीत अभिक्षेत्रिय विविधता आडळून येते.

उद्देश : भंडारा जिल्ह्यातील प्रमुख कृषी पिकांचे अभिक्षेत्रिय दृष्टीकोनातून भौगोलिक अभ्ययन करणे हा या अभ्यासाचा मुख्य उद्देश आहे.



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CONTAMINATION OF HEAVY METAL IN FOODSTUFF AND HUMAN HEALTH RISK

Mr. Shailesh Kashinath Bhagat ²⁷

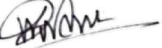
Abstract

Heavy metal contamination has an negative effect on the aquatic, terrestrial, and atmospheric environment. These might also be natural or anthropogenic in origin and not effortlessly degradable. Anthropogenic activities have unwontedly transferred these heavy metals in our food chain and meals web. Directly or indirectly these heavy metals have entered in our food via Irrigation through wastewater effluent released by means of industries; shortage of accessible freshwater for Irrigation, utilization of fertilizers and insecticide, and different anthropogenic activities have induced acute and chronic diseases. The dose-response relationship suggests that the heavy metals have a slender stage of deadly concentrations which pose a risk to the target population. Anthropogenic sources of heavy metals commonly dominate natural sources, and foreseeing the synergy of this with the degrading environmental conditions, the health of human beings is a depend of concern. When these heavy metals get accrued in the human food, it effects in abnormalities affecting human survival and mortality. Recent information recommend that the human body gets affected with the aid of heavy metallic contamination at lower stages than earlier anticipated and evidenced. Agrochemicals are resistant and adaptive in nature, and with the increasing dose and newly synthesized compounds to protect crops, undesired aspect consequences and the prices of food production are on a hike. Practices like street food merchandising and addition of preservatives in packed meals increase the chances of heavy metal contamination in food materials. A comprehensive evaluation of the food chain right from the main producers to client level is necessary to make certain food protection and quality.

Keywords: *Agrochemicals, Waste Water, Ecosystem, Anthropogenic Activities.*

Introduction

The heavy metal pollution is one of the world's top environment-related problem, and has risen due with the growing industrialization and urbanization. It has become one of a very serious threats due to its deleterious outcomes on human being and environment (Yang and Sun 2009). With accelerated monetary growth globally in latest years, manufacturing and makes use of of heavy metal has accelerated many folds, leading to pollution of the environment (Raju et al. 2013; Zojaji et al. 2014). Heavy metals have a greater density, atomic weights,



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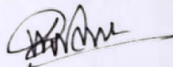


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प्रस्तावना:—

१८७५ नंतर विश्वस्तरावर स्त्रियांचे आत्मभान जागृत झाले आणि त्याचा परिणाम साहित्यावरही झाला. १९७५ नंतर महाराष्ट्रात स्त्रीवादी चळवळीला सुरुवात झाली. विविध स्त्रीवादी संघटनांचे मुखपत्रे म्हणून स्त्रियांनी चालवलेली नियतकालिके निर्माण झाली. त्यांचा अत्यंत चांगला परिणाम स्त्रीलिखित साहित्यावर झालेला दिसतो. जागृत झालेले आत्मभान आणि मुक्तीसाठी सुरू झालेले प्रयत्न स्त्रीलिखित साहित्यात चित्रित झालेले दिसतात. कथा, कादंबरी, आत्मचरीत्राप्रमाणेच कवितेतही मुक्तीचे अनेक सूत्रे प्रभावीपणे अभिव्यक्त होताना दिसतात. रजनी परुळेकर, अंलजी कुलकर्णी, प्रज्ञा पवार, कविता महाजन ते संध्या रंगारीपर्यंत कवितेच्या क्षेत्रातही मुक्त अभिव्यक्ती झालेली दिसते. या कवयित्रींचा काव्याचा आढावा घेतला जाऊ शकतो. या कवयित्रींच्या कवितेतून स्त्रीवादाची अनेक सूत्रे अधोरेखित झाली आहेत. मलिका अमरशेख, नीरजा आणि अनुराधा पाटील यांची कविता रूढ अर्थाने स्त्रीवादी नाही. वेदनेची मुक्त अभिव्यक्ती त्यांची कविता करते. स्त्रियांची वेदनेतून सुटका हे स्त्रीवादाचे मागणे आहे. अनुराधांच्या कवितेतून स्त्रियांच्या वेदनेची अत्यंत संवेदनशील पण प्रखर मांडणी झालेली दिसते.

साठोत्तरी मराठी वाङ्मयामध्ये विविध साहित्यप्रवाह उदयास आले. यामध्ये ग्रामीण, दलित, आदिवासी, भटक्या विमुक्त आणि स्त्रीवादी अशा प्रवाहांचा प्रामुख्याने उल्लेख केला जातो. यापैकी स्त्रीवादी साहित्याचा प्रवाह हा भारतीय संस्कृती आणि विचारसणीमधून जन्मलेला नसून तो पाश्चात्यांकडून आपल्याकडे आलेला प्रवाह आहे. त्यामुळे स्त्रीवाद ही मूळ भारतीय विचारसणी नसून मार्क्सवादाप्रमाणे बाहेरून आलेली पण सध्या भारतात रूजलेली विचारसरणी आहे. पाश्चात्य देशातील औद्योगिक क्रांती तसेच इतर घडामोडींमधून स्त्रियांच्या समस्यांचा विचार करणारी चळवळ उदयास आली. या



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This is to certify that **Mr. Sumit Dnyaneshwar Rokade** of **Yashwantrao chawhan arts commerce and science college Lakhandur** has presented a research paper entitled 'Study the gas sensing material and their mechanism: A Review' in the ANCIC-2022 held during 14th & 15th March 2022, organized by Anand Niketan College of Science, Arts and Commerce, Anandwan-Warora, Dist. Chandrapur, Maharashtra-India.



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STUDY THE GAS SENSING MATERIAL AND THEIR MECHANISM: A REVIEW

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ABSTRACT: This review paper studied gas sensing material which has widely investigated and utilised for detection of toxic and flammable gasses. such as CO, Co₂, H₂S, C₆H₆, O₂, NH₃, H₂, LPG etc there are several material used for gas sensing purpose. the detection of such gasses, numerous materials are used such as semiconducting metal oxide in SMO we are discussing about transition metal oxide and non-transition metal oxide and their factor for detection of various gasses. Carbon based material such as Graphene and carbon nanotube and some conducting polymers such as polyaniline(PANI) and discussing their advantages and disadvantage and studied how they perform with different parameters in terms of sensitivity selectivity, response time and stability and studied their sensing mechanism and performance for detection about different gas.

Key words: - Gas sensing, semiconducting metal oxide, carbon based material, conducting polymer, sensitivity.

INTRODUCTION :

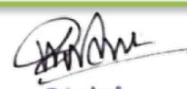
Now days the demand of gas sensors is growing because of wide range use of several gases for industrial, domestic purposes and accidents due to leakage of gas are increasing. Many nanostructured metal oxides having favourable electrical, chemical properties and thermal stability are used as gas and humidity sensors for applications in many fields such as environmental monitoring, Medical diagnosis, health, energy, air quality monitoring, control of food quality or safety of industrial processes and homemade security system [1] Gas sensing technology has become more significant because of its well-known and common applications in the following areas: (1) industrial production (e.g., methane detection in mines) (2) automotive industry (e.g., detection of polluting gases from vehicles) (3) medical applications (e.g., electronic noses simulating the human olfactory system) (4) indoor air quality supervision (e.g., detection

of carbon monoxide) (5) environmental studies (e.g., greenhouse gas monitoring) [2]

Throughout the last few years, with the quick industrial development and urbanization, the harsh air pollutant gasses are frequently attributed to automobile exhaust and factory emission has become a great threat to human existence and development. Meanwhile, a leakage of flammable and explosive gases such as Acetylene, ammonia, hydrogen, propane, propylene and methane that may result in loss of life and property damage. So, real-time and effective detection of those harmful gases via using gas sensors is in pressing need at present and future [3]

There are so many materials used as sensing gasses such as many semiconducting metal oxide s material, carbon based materials and some conducting polymers this have shown great potential for the detection of inflammable, flammable and toxic gases




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Investigation Of Sacred Plants In Lakhandur Area With Respect To Their Sacred And Medicinal Value

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Yashwantrao Chawhan Arts Commerce and Science College Lakhandur¹
Bhawbhuti Mahavidyalaya Amgaon Dist Gondia²

ABSTRACT

The present investigation describes the sacred plants of Lakhandur area of Bhandara district. Many sacred places are present in Lakhandur Taluka like Durga Mata Mandir Chaprad, Vitthal Rukhmai Mandir Bhagadi and Hanuman Mandir Charbhatti. Many sacred trees are used for worship the God and Goddess in these temples. The study on diversity of sacred plants used in various religious worshipping exhibits the important role of plants in human life. It is believed that some plants are represented by gods and Goddesses, therefore, people are worshiping plants and offer their flowers, leaves, fruits, wood, seeds to gods in various religious ceremonies for getting blessings. In the present work, local information is gathered, documented and enumerated for sacred plants. Medicinal information was gathered by referring local flora and previous literature. The study has shown that 26 sacred trees are used in religious and medicinal uses in Lakhandur area. These local tree species of religious importance are used as medicines to treat many health problems. These plants are considered as sacred due to their medicinal, aesthetic and natural values. Plant worship maintains local biodiversity and plays an important role in its management and conservation. Women in Lakhandur areas worship some plants which indirectly helps protecting these plant species.

Keywords: Sacred, religious, medicinal

INTRODUCTION

A sacred plant has a spiritual reverence. Sacred plants appear throughout world history in various cultures including Hindu mythology. They also hold profound meaning in contemporary culture in places like Japan, Korea, and the Philippines. Plant worship is core part of many religions. It includes aspects of the eco-friendly belief that plants, forests, rivers, mountains, etc have a life force and need to be conserved and used in a sustainable manner. Human beings have been observing the growth and death of trees, and the annual death and revival of their foliage. These trees have often seen as powerful symbols of growth, death and rebirth. Evergreen trees, are sometimes considered as symbols of the eternal, immortality or fertility. The sacred Banyan tree is the national tree of India. In Hindu belief, the Kalpavriksha is a wish granting tree. The sacred plants include the Bael, Durva, Tulsi. Flowers such as kamal, Champa, naryel, paan (betal leaf), banana leaf, etc are also valued as sacred. Tulsi in India is cultivated for religious and traditional medicine purposes. It is widely used as herbal tea, commonly used in Ayurveda. The traditional tree worship practices in India show the symbiotic relation of man with nature. Indigenous communities are being conserving its valuable biodiversity. Sacred plants have a unique vital role in human welfare. These plants are valued for economic, commercial and medicinal resources. In view of this, in present investigation the we surveyed some sacred places in Lakhandur area.

Methodology:

Information on the use of sacred plants was collected through surveys in different localities and temples in Lakhandur area. Sacred values are gathered from Pandits in temples, Vaidus and local people in this area. From the previous literatures the medicinal uses of the sacred plants were studied.

Results and Discussion:

A total 26 plant species were studied for their sacred and medicinal values.


Enumeration of Sacred Plants

1. *Aegle marmelos* (L.) Correa (Local name: Bel) Family: Rutaceae

Sacred value: It is considered to be very sacred because it is associated with Lord Shiva. The Hindus worship Lord Shiva by offering bel patra during Shivratri.

Medicinal value: The leaves, bark, roots, fruits, and seeds are used in traditional medicine to treat various illnesses. The fruit of this plant is consumed as a healthy food supplement.




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Qualitative and quantitative phytochemical analysis and in vitro antimicrobial activity of *Calycopteris floribunda* plant extract.

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ABSTRACT

In order to maintain health and to prevent, diagnose, or to treat physical and mental illness, traditional medicine plays key role. These traditional medicine practices can include plants and herbs. The current study focused on the preliminary quantitative and qualitative analysis with antimicrobial activity of various extract of different bits of wild *Calycopteris Floribunda* plants. plant parts include leaves, flowers, stem etc. *Calycopteris Floribunda* is a rich source of secondary metabolites as well as this study is also includes the investigation of antimicrobial potential of n-hexane, Methanolic, acetone and aqueous extract of given plant species. The various extract of *C. Floribunda* was tasted against pathogenic bacteria such as *E. coli* and *P. Vulgaris*. The maximum zone of inhibition was shown by the Methanolic and aqueous extract. As *Calycopteris Floribunda* is rich source of biochemical constituents and therefor to be considered as an important medicinal plant with antimicrobial property.

Keywords-Antimicrobial activity, *Calycopteris Floribunda*, Phytochemical analysis, Qualitative and Quantitative analysis, Secondary metabolites

1. INTRODUCTION

Our biological ecosystem composed of number of known and unknown variety of plant species includes poisonous, medicinal and non-poisonous. [1] The plant has been an important source of medicine used by man from prehistoric time for relieving, diagnosis, treatment and ailments. [2,3] Medicinal plants play vital role in disease prevention [4,5].

C. Floribunda is a climbing shrub and found in low laying tropical region forest of western ghat and rarely in the eastern ghat of India. This plant species having various name in distinct region. It is commonly known as Ukshi, kokkarai in Hindi, minnarakoti in Tamil, adivijama in Telugu. *C. Floribunda* is also grown in central and southern parts of india also in the vidharbha region of Maharashtra. Plant synthesize diverse range of bioactive molecule make them rich source of different type of medicine. Higher medicinal plant consists of rich source of natural product play a dominant role in drug development program in pharmaceutical studies. [6,7].

Methods of treatments and effect of medicinal plants on human health were known till 18th century, but the presence of bioactive molecules was unknown. [8,9]. The use of medicine was gradually expanded until today, in modern medicine, medicinal plants displaced from direct used and therefor they are used as raw material in many cases. [10]. The large area of world continues to use traditional medicine based on direct used of medicinal plant due to their low cost [11].

C. Indicum belonging to same family as *C. Floribunda*. Phytochemical study of *C. Indicum* reveals the occurrence of proteins, carbohydrate, tannins, steroids, etc. as well as quantitative analysis determined ash percentage in it. [12]. Similarly, *T. Arjuna* is one of the important medicinal plant of *combretaceae* family also exhibit bioactive molecule therefor it makes this plant as potential medicinal species. [13,14]. *Terminalia Catappa* is native to southern Asia which used traditionally by villagers due to its strong antimicrobial activity against *P. aeruginosa*, *P. testosterone*, *P. Vulgaris*, etc. The further investigation also indicates its wound healing and antidiabetic activity [15].

There are several species are found in *combretacea* family, most of the species exhibit numerous secondary metabolites and shows antimicrobial properties against pathogenic bacteria. [16,17] Among these species *C. Floribunda* is unrevealed species in *combretacea* family. The current research investigation is based on *C. Floribunda*, that reveals the presence of natural product present in it with the help of various solvent extract as well as its antimicrobial activity.

2.MATERIAL AND METHOD

2.1. COLLECTION OF PLANT

Healthy and disease free various segments of *C. Floribunda* were collected from forest region of Bramhapuri taluka dist. Chandrapur and the identification of collected species were doing through professors of department of botany N.H. college Bramhapuri. The accumulated plants bits i.e. leave, flowers and stem was thoroughly washed 2 to 3 times with deionized water and kept in shaded area for drying purpose at room temperature for 10 to 15 days.

2.1. PREPARATION OF LEAVE, FLOWER AND STEM EXTRACT

Different solvent like n-hexane, acetone, chloroform, methanol, and water used for extract preparation. Dried plant segments were separately pulverized into medium fine powder using grinder. 10 to 15 g powder of each segments of selected plant were taken in different thimbles made up of filter paper and was put into soxhlet extractor. All material was extracted using soxhlet extraction apparatus for approximately 10 to 12 hours using following solvents.[18,19,20]

- i. n-hexane – 10 to 12 hrs. (leaves, flowers and stem)
- ii. Acetone – 6 to 8 hours (leaves, flowers and stem).
- iii. Chloroform - 10 to 12 hours. (leaves, flowers and stem).
- iv. Methanol – 10 to 12 hours. (leaves, flowers and stem).
- v. Water - 10 to 12 hours. (leaves, flowers and stem).

Leaf, flower and stem extract in different solvent appears different colour as shown in fig.1.



leaf extract flower extract stem extract

Fig. 1: Different solvent extract of leaf, flower and stem

3. PRELIMINARY PHYTOCHEMICAL SCREENING:

3.1. QUALITATIVE ANALYSIS

In order to perform qualitative analysis, miniature portion of extract was used for phytochemical test which shows the presence of anthocyanin, Saponins, carbohydrates, terpenoids, proteins, flavonoids, in various extract. The test of presence of these bioactive molecule was done by method given by Rahul S. Patil et.al. [2015] [21]. The result analysis of above study is given in the table no 1.

Table no 1: Observation table of phytochemical test showing presence of secondary metabolites in *C.*

Floribunda plant extract

Solvent Extract	Phytochemical Constituent	Leaf	Flower	Stem
n-hexane Extract	Flavonoid	+	+	-
	Tannin	+	-	-
	Carotenoid	+	+	-
	Saponins	+	+	+
	Alkaloid	+	-	+
	Cardiac glycoside	+	-	-
	Protein	+	-	-
	Fatty acid	+	-	-
	Volatile oil	+	+	+
	terpenoids	-	+	+
	Tannin	+	+	-
	Carotenoid	+	+	+
	Saponins	-	+	+
	Alkaloid	-	+	+
	Cardiac glycoside	+	-	-

Acetone Extract	Protein	-	-	+
	Fatty acid	+	-	-
	Volatile oil	+	+	+
	terpenoids	+	+	+
Methanol Extract	Flavonoid	-	+	-
	Saponins	-	+	-
	Alkaloid	+	+	+
	Cardiac glycoside	+	+	-
	Volatile oil	+	+	+
	terpenoids	+	+	+
	Phenolic	-	+	+
Chloroform Extract	Flavonoid	+	-	-
	Carotenoid	+	-	+
	Saponins	+	-	+
	Alkaloid	+	+	+
	Volatile oil	+	+	+
	terpenoids	+	-	+
Water Extract	Flavonoid	+	+	+
	Tannin	+	+	+
	Carotenoid	+	+	-
	Saponins	+	+	+
	Alkaloid	+	+	+
	Cardiac glycoside	+	-	-
	Phenolic	+	-	+
	terpenoids	+	+	-

3.2 QUANTITATIVE ESTIMATION

3.2.1 ALKALOIDS: -

Alkaloids estimation was performed by taking 1gram of plant material was weighed into 250ml beaker and 40ml of 10% acetic acid in ethanol was added and covered and allowed to stand for 4 hours. This was filtered and the extract was concentrated on water bath to one quarter of the original volume. Concentrated ammonium hydroxide was added drop wise to the extract until the precipitation was complete. The whole solution was allowed to settle and the precipitate was collected and washed with dilute ammonium hydroxide and then filtered. The residue is the alkaloid, As shown in fig.2. Which

was transferred into a pre-weighed beaker and weight the alkaloid present in material. And it was found that 1 gm of leaf contained 0.013 g of alkaloids.



Leaves Flower Stem

Fig.2 :The quantitative estimation of alkaloid observes green solid precipitate.

3.2.2 FLAVONOIDS: -

1 gm of leaf powder was taken in a soxhlet extractor and the compounds were extracted with methanol for 48 hrs. till it becomes colourless. The Methanolic extract was concentrated and filtered. 5-10 ml of water was added to the filtrate and lead acetate was added in the solution. The flavonoids get precipitate as lead phenolate. The precipitate was taken and suspended in ethyl alcohol. Through this alcohol filtrate, H₂S was passed for 5-10 minutes. The lead Sulphide gets precipitate out as black solid as shown in fig.3. The solution was filtered through filter paper and filtrate was concentrated in after transferring into a pre-weighed beaker. The beaker and its constituents were dried and the increase in weight was noted. After weighing the amount of flavonoid contained found to be 0.0203 g.



Leave Flower

Stem

Fig 3: The quantitative estimation of flavonoid observes black solid precipitate

4. ANTIMICROBIAL ACTIVITY OF PLANT EXTRACT

Along with phytochemical study the aim of the current study was also focused on antimicrobial activity of *C. floribunda* plant bits' extract. Antimicrobial activity of n-hexane, acetone, methanol, chloroform and water extract of leave, flower and stem of *C. floribunda* were determining by using well diffusion method against gram negative bacteria i.e. *E. coli* and *P. Vulgaris*.

Antimicrobial test was carried out by using nutrient broth and Muller-Hinton agar media. Nutrient broth was prepared using method given by P. Poovendram et.al. [2011] [22] spread on Petri plates, after solidify

bacterial culture was spread by using spread plate techniques. The agar was carefully punched using cork-borer of 5 mm in diameter. 0.5 ml of prepared extract was dispensed into the well of agar using micropipette. The positive antibacterial activity was established by the presence of assessable zone of inhibition after the 24 hours of incubation at 36 °C temperature.

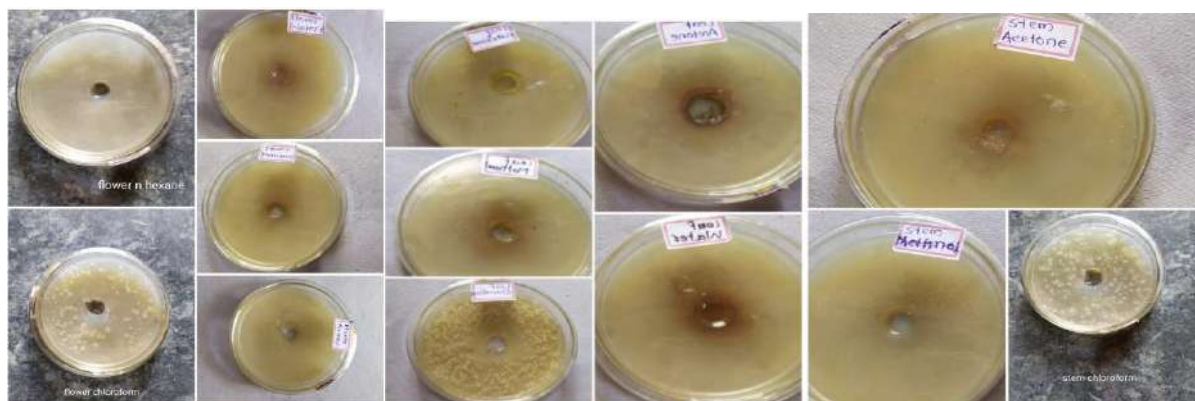


Fig. 4. Antibacterial activity against *P. Vulgaris* of n-hexane, chloroform, methanol, acetone and water extracts of *C. Floribunda* plant extract.

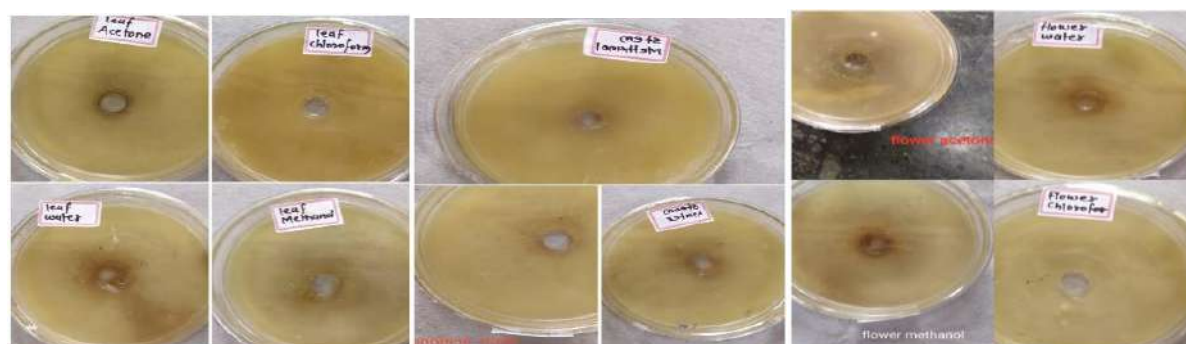


Fig. 5. Antibacterial activity against *E. coli* of n-hexane, chloroform, methanol, acetone and water extracts of *C. Floribunda* plant extract.

Solvent extract	Plant section	Zone of inhibition (indiameter)	
		<i>E.coli</i>	<i>P.Vulgaris</i>
n-Hexane	Leaf	-	0.5 mm
	Flower	-	-
	Stem	-	-
Methanol	Leaf	1.5cm	1.6 cm
	Flower	1.3 cm	1.2 cm
	Stem	0.2 cm	1 cm
Acetone	Leaf	0.5 mm	0.7 mm
	Flower	0.6 mm	0.9 mm
	Stem	0.8 mm	0.1 mm
Chloroform	Leaf	-	1 cm
	Flower	-	-
	Stem	-	-
Water	Leaf	0.6 mm	1.5 cm
	Flower	0.3 mm	0.7 mm
	Stem	0.2 mm	-

Table no 2: Observation table indicates zone of inhibition by various solvent plant extract against gram negative bacteria. [(-) – Show no zone of inhibition].

Antimicrobial activity of each extract against given gram negative microorganism was detected by calculating their zone of inhibition in mm and cm. The obtained analysis shows that n-hexane extract of leaf, flower, and stem does not show any activity against *E. Coli*, while n-hexane extract of leaf show little inhibition of 0.5mm diameter against *P. Vulgaris*. as well as chloroform extract leaf also gives the zone of inhibition against the same microorganism.

Concerning solvent of extraction, it was observed that Methanolic, acetone, and aqueous extract had the maximum significant antimicrobial activity and while of chloroform and n-hexane extract had least antimicrobial property against *E. coli* and *P.Vulgaris*.

5. CONCLUSION

Result of phytochemical test of different extract of *C. Floribunda* plant were summarized in table no. 1. In natural product screening n-hexane extract of leaf, flower, and stem yielded flavonoids, tannins, carotenoids, Saponins, alkaloids, proteins, terpenoids etc. During the analysis of Methanolic extract and aqueous extract detect flavonoids, volatile oil, cardiac glycosides, phenolic compound, tannin, terpenoids, Saponin in all sections

of *C. Floribunda*, moreover detection of acetone and chloroform extract shows least results compared to other. The presence of such active ingredients makes *C. Floribunda* as one of the essential medicinal species in *combretaceae* family. This plant was observed to be rich source of alkaloids and flavonoids as major component in quantitative analysis. 0.013 g and 0.0203 g of alkaloids and flavonoids was extracted from 1 g leaf extract using quantitative analysis.

The scientist in recent year has made attempt to reveal the effectiveness of better known plant having certain medicinal value, mainly to determine their antibacterial phenomenon against different pathogenic microbes [23]. The objectives of current study focused on phytochemical evaluation for presence of natural product and antimicrobial activity of given plant and has disclose the capability higher plant look as new anti-epidemic agent as serving drug discovered from natural product. The study prefers *E. Coli* and *P. Vulgaris* a gram negative microbes for its antimicrobial activity were used against n-hexane, acetone, Methanolic, chloroform and aqueous extract. The inhibitory action was observed in terms of inhibition zone. the antimicrobial activity was maximum of Methanolic and acetone extract as they show highest zone of inhibition while that of others extract i.e. n-hexane and chloroform show minimum activity. Amongst this aqueous extract of *Calycopteris Floribunda* shows moderate activity against given microorganism.

Now a day's peoples irrespective of the region are in search of the herbal are to avoid the obnoxious effect of the commonly available treatment modalities. *Calycopteris floribunda* is one of the unexplored plant with various phytochemical constituents and antimicrobial potential so as to derived novel antimicrobial agents for the treatment of various infection for developing new medicine.

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REFERENCES:

- [1] Tesfahuneygn, Gebrehiwet & Gebreegziabher, Gebremichael Medicinal Plants Used in Traditional Medicine by Ethiopians: A Review Article. (2019). 2 (4);18-21.
- [2] Harney N.V. Ethnomedicinal Plants Diversity of Bhadrawati Tahsil of Chandrapur District, Maharashtra, India. (2013).3(8).
- [3] Salmerón-Manzano E, Garrido-Cardenas JA, Manzano-Agugliaro F. Worldwide Research Trends on Medicinal Plants. *Int J Environ Res Public Health*. (2020) .12;17(10):3376.
- [4] Sofowora A, Ogunbodede E, Onayade A. Aug The role and place of medicinal plants in the strategies for disease prevention. *Afr J Tradit Complement Altern Med*. (2013) 12;10(5):210-29 .
- [5] KC, Kiran & Dhanush, C. & C V, Gajendra & Reddy B, Madhusudhana. Diversity and Seasonal Availability of Potential Wild Edible Plants from Vidarbha Region of Maharashtra State, India. *International Journal of Current Microbiology and Applied Sciences*. (2019).8. 1434-1446.



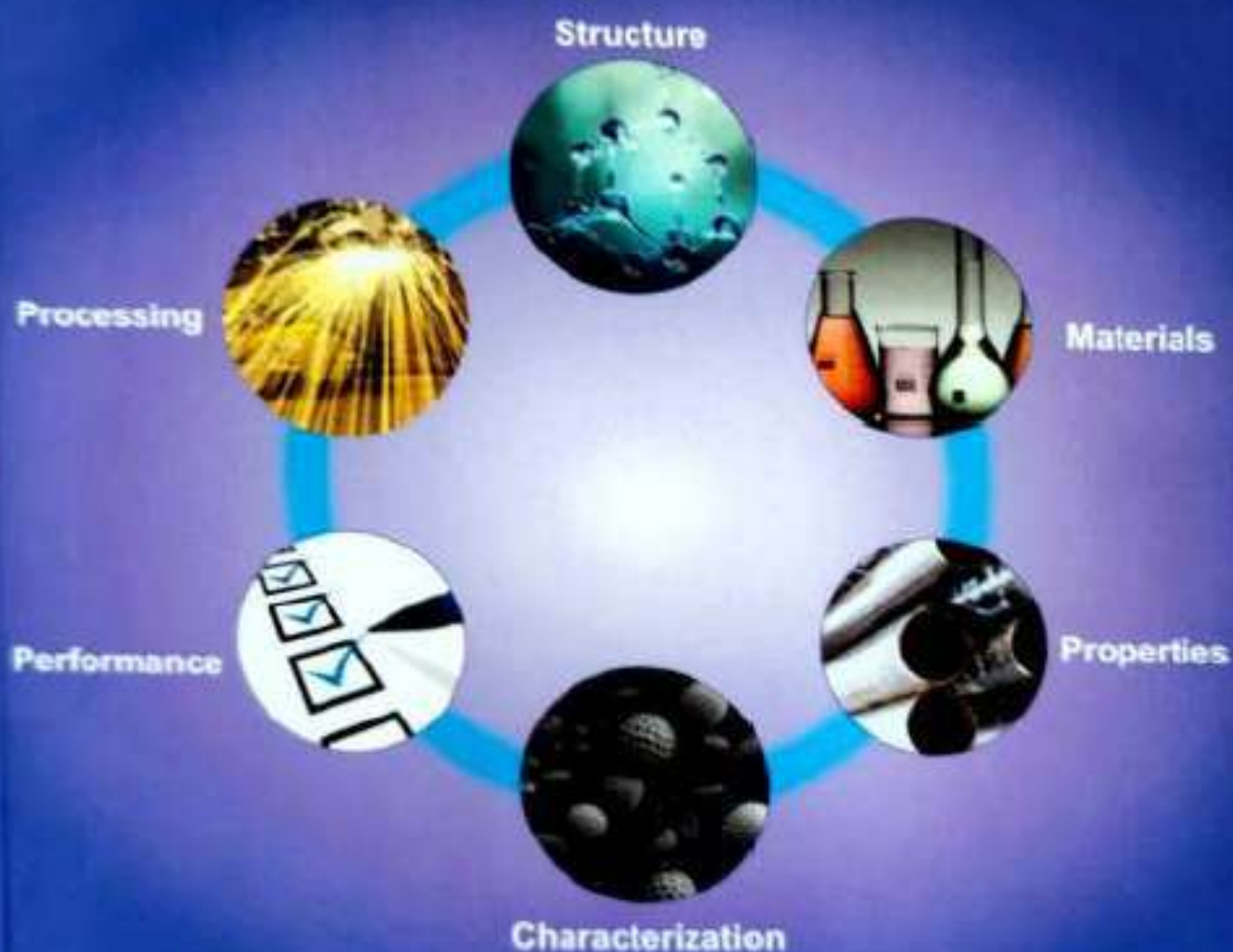
- [6]D.A. Dhale¹ and S.K. Markandeya. Antimicrobial and Phytochemical Screening of *Plumbago zeylanica* Linn. (Plumbaginaceae) Leaf. *Journal of Experimental Sciences*.(2011).2 (3) Pages 04-06.
- [7]Om, Ahmad & Azizan, Azlan & Baharum, Syarul. Phytochemical Screening of Ubi Gadong (*Dioscorea hispida*) by using GC-MS.(2016).
- [8]Aiyegoro, O.A., Okoh, A.I. Preliminary phytochemical screening and *In vitro* antioxidant activities of the aqueous extract of *Helichrysum longifolium* DC. *BMC Complement Altern Med.* (2010) .10, 21.
- [9]Najafi, Shahla & Sanadgol, Nima & Sadeghi-Nejad, Batool & Beiragi, Maryam & Sanadgol, Ehsan. Phytochemical screening and antibacterial activity of *Citrullus colocynthis* (Linn.) Schrad against *Staphylococcus aureus*. *Journal of Medicinal Plants*. (2010).4. 2321-2325.
- [10]Khatun, Shahanaz & Pervin, Farzana & Karim, Md. Rezaul & Ashraduzzaman, Mohammad & Rosma, Ahmad. Phytochemical screening and antimicrobial activity of *Coccinia cordifolia* L. plant. *Pakistan journal of pharmaceutical sciences*.(2012). 25. 757-61.
- [11] Eman Abdullah M. Ali. Antimicrobial activity, cytotoxicity and phytochemicals screenings of *Epipremnum aureum* (Linden and Andre) G. S. Bunting extracts. *Egypt. J. Exp. Biol. (Bot.)*.(2018).14(2): 219-255.
- [12] Jyothi Jose , Subrahmanya P , Ravi Rao S . pharmacognostical and phytochemical study on leaf of *Combretum indicum* (L.). *Jyothi Jose et al / Int. J. Res. Ayurveda Pharm.*(2021). 12 (5).
- [13] N.Tensingh Baliah, and A. Astalakshmi. Phytochemical analysis and antibacterial activity of extracts from *Terminalia chebula* Retz. *Int.J.Curr.Microbiol.App.Sci.*(2014). 3(3): 992-999.
- [14] Devi, P. & Kaleeswari, S. & Mani, Poonkothai. Antimicrobial activity and phytochemical analysis of fruit extracts of *Terminalia Bellerica*. *International Journal of Pharmacy and Pharmaceutical Sciences*.(2014).6. 639-642.
- [15] Anand, Vijay. An updated review of *Terminalia catappa*. *Pharmacognosy Reviews*.(2015).9. 93-8.
- [16] Vemuri P. K, Dronavalli L, Nayakudugari P, Kunta A, Challagulla R. Phytochemical Analysis and Biochemical Characterization of *Terminalia Chebula* Extracts for Its Medicinal Use. *Biomed Pharmacol J*;(2019).2(3).
- [17] Yahaya, O. & Yabefa, J.A. & Usman, Bukar. Phytochemical Screening and Antibacterial Activity of *Combretum glutinosum* Extract against Some Human Pathogens. *British Journal of Pharmacology and Toxicology*.(2012). 3. 233-236.
- [18] Mr. Akshay G. Deshmukh, Dr. S. P. Rothe. Phytochemical Analysis of *Cissus Repanda* Vahl: an Uncommon Medicinal Plant. *International Journal of Interdisciplinary Innovative Research & Development (IJIIRD)*.(2017).02 (01).
- [19] Singh, Manju & Kumari, Rajesh & Nandini, Durgesh & Kotecha, Mita. Preliminary phytochemical screening of *Basella rubra* Linn. *Journal of Pharmacognosy and Phytochemistry*.(2016). 224. 224-226.
- [20] Khatua, Souti & Pandey, Akhil & Biswas, Surjyo & Surjyo, Correspondence & Biswas, Jyoti. Phytochemical evaluation and antimicrobial properties of *Trichosanthes dioica* root extract.(2016). 410. 410-413.



- [21] Patil, Rahul & Harale, Pooja & Shivangekar, Kiran & Kumbhar, Pooja & Desai, Ranjeet. Phytochemical potential and in vitro antimicrobial activity of Piper betle Linn. leaf extracts. *Journal of Chemical and Pharmaceutical Research*.(2015).7. 1095-1101.
- [22] Mandal S, Patra A, Samanta A, Roy S, Mandal A, Mahapatra TD, Pradhan S, Das K, Nandi DK. Analysis of phytochemical profile of Terminalia arjuna bark extract with antioxidative and antimicrobial properties. *Asian Pac J Trop Biomed*.(2013).3(12):960-6.
- [23] Sathish, Sahaya & Vijayakanth, Periyasamy & Palani, Ar & T, Thamizharasi & Vimala, A.. Antimicrobial And phytochemical screening of Tragia Involucrata L. using UV-VIS and FTIR. (2013).1(1).

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Chapter: 13

Structural, Morphological, Magnetic, Electrical Study of Ni-Zn Spinel Ferrite Synthesized by Sol-Gel Route.

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Abstract: $Ni_{0.65}Zn_{0.35}Fe_2O_4$ spinel ferrite was prepared by using sol-gel auto combustion route. The sample were characterize with XRD, FE-SEM, TEM, Magnetic, Electrical and optical properties. Particle size, lattice constant, porosity, induced lattice strain, X-ray density, Bulk density were calculated. Particle size of synthesized sample is 18.09 nm confirmed from SEM images. A slight agglomeration is observed in SEM image. The saturation magnetization, remenance, anisotropy constant (K) and Coercivity (Hc) of the NiZn ferrite sample were determined from vibrating sample magnetometer study. The dielectric loss tangent and dielectric constant of ferrites sample have been investigated in the high-frequency range 1000Hz – 1 MHz.

Keywords: Spinel ferrite, Magnetic material, XRD, FESEM, TEM.

1. Introduction

Nickel zinc ferrites are scientifically important class of soft magnetic materials for their widespread industrial applications, ranging from microwave to radio frequencies such as microwave devices, computer memories, and magnetic recording [1]. During the last few decades, ferrites have achieved very much importance within the family of magnetic materials because of their excellent physical properties. In all TV sets have ferrite cores, while in portable radios make use of a pencil of ferrite as an antenna core. Long-distance carrier telephone circuits are employing ferrite cores in high-quality filter coils and transformers. The various properties of nano-crystalline ferrites were highly influenced by the cations distribution among the sub-lattices, nature of the grain, grain boundaries, in homogeneities, voids, surface layers, contacts, etc. [2]. One of the important characteristics of ferrites is their high values of resistivity and lowest eddy current losses [3], which make them ideal for high-frequency applications. For microwave applications, dielectric properties such as dielectric loss and dielectric constant are very important as the dielectric constant affects the thickness of the microwave absorbing layer and the dielectric loss factor ($\tan\delta$) of a material determines dissipation of the electrical energy. There are so many researchers who studied the magnetic properties of Ni-Zn ferrites but non-magnetic properties such as dielectric properties and electrical conductivity are seldom reported.

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बुद्धाचा धम्म; जीवन जगण्याची आचारसहिता

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सारांश :

निसर्ग आणि त्याची शक्ती याच्यामागे लपलेल्या नियमाचे अध्ययन म्हणजे विज्ञान होय. त्याला चांगल्या प्रकारे समजून घेणे, त्याचे निरीक्षण करणे आणि प्रयोगाद्वारे परिक्षण करणे विज्ञान होय. विज्ञान मानवाला भौतिक सुख देते परंतु मानवाला फक्त भौतिक सुखच नाही तर मानसिक सुखाची सुद्धा आवश्यकता आहे. जगाच्या पाठीवर मानसिक सुखाशिवाय श्रेष्ठ सुख दुसरे नाही. परंतु मानसिक सुखाची पूर्तता विज्ञान करू शकत नाही. त्यामुळे धम्माची आवश्यकता आहे. धम्म म्हणजेच निर्मळ जीवन जगण्याचा मार्ग आहे, सुव्यवस्थित जीवन जगण्याचा मार्ग होय. हा मार्ग मानवाला भौतिक सुखापेक्षा मानसिक सुख जास्त देतो. एकंदरीत विनाशापासून जगाला तारायचे असेल तर धम्माशिवाय दुसरा पर्याय नाही.

प्रस्तावना :

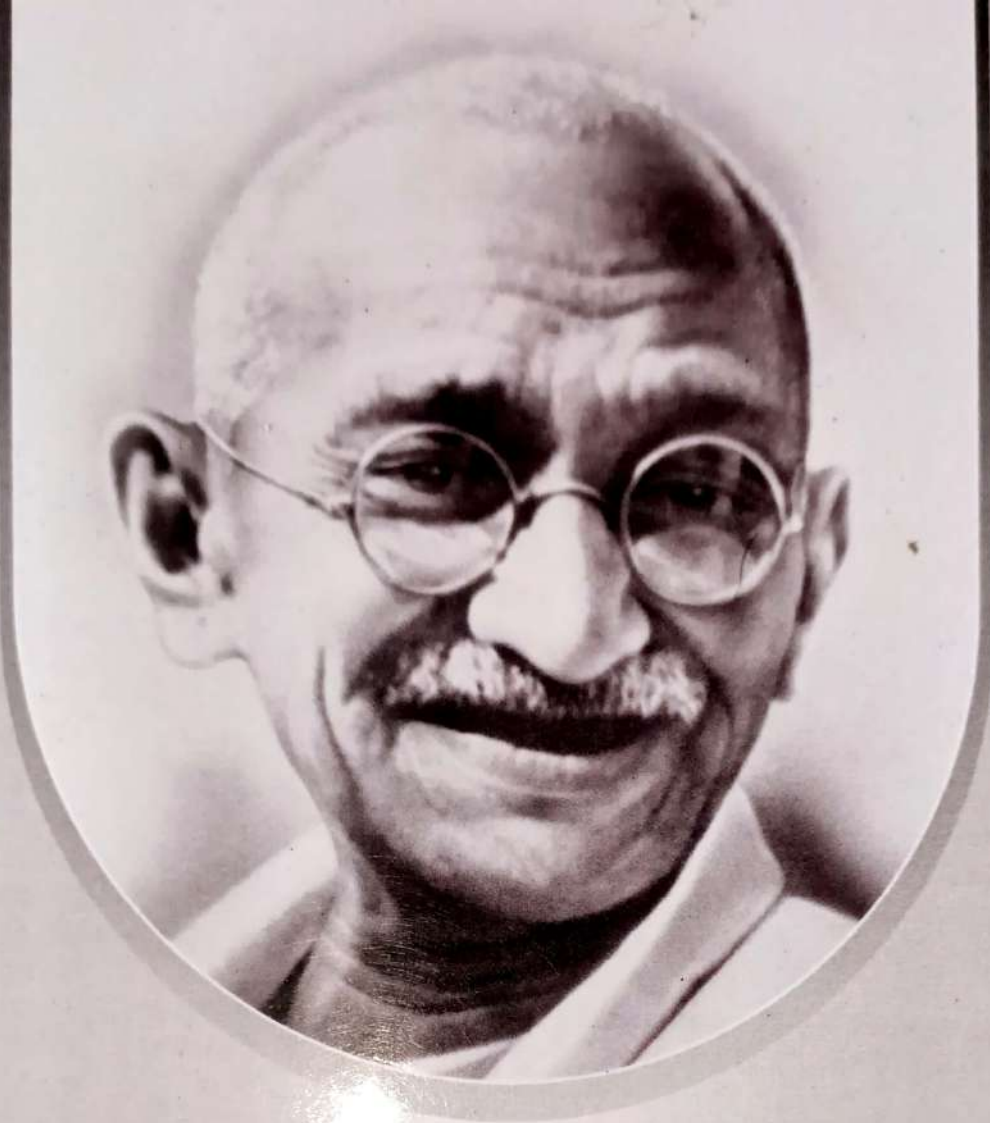
विज्ञानपूर्व काळात सर्वच देशातील लोकांवर धर्माचा प्रभाव होता. तत्कालिन सामाजिक जीवनावर धर्माचे अधिराज्य होते. जीवनात जे जे सनातन आहे हे सर्व हिंदु धर्मात आहे. त्यामुळे धर्म स्थिर व्हायला पाहिजे ही विचारसरणी भारतात रूढ झाली मानवी स्वभावाचे स्वरूप स्थिर आहे. त्यामुळे त्याचे नियमन करणारा धर्म स्थिर असायला पाहिजे ही विचारसरणी भारतात प्राचीन काळापासून चालत आलेली आहे.

पूर्वाग्रह आणि अंधश्रद्धेच्या विरुद्ध केला जाणारा बंड जाणारा बंड म्हणजे 'विज्ञान' अशाप्रकारची फ्रांशिस बेकनन यांनी विज्ञानाची व्याख्या प्रतिपादित केली आहे प्रा.एफ.सी.कोनट यांच्या मतानुसार मानवी बुद्धीने नैसर्गिक घटनांपासून कार्यकारणभाव लक्षात घेवून निरीक्षण आणि प्रयोगाद्वारे घटनांचे केलेले सुसंबंध केलेले अध्ययन म्हणजे विज्ञान बुद्ध म्हणजे विज्ञान आणि विज्ञान म्हणजेच बुद्ध अशाप्रकारची व्याख्या केली जाते.

धम्म आणि विज्ञान हे विषय २१ व्या शतकातील महत्वपूर्ण विषय आहेत. हा विषय मानवाच्या सुख आणि विकासाचा आहे. जगात अनेक मतप्रवाह आहेत. प्रत्येक धर्माच्या संस्थापकाने आपल्या तत्त्वप्रणालीनुसार समाजाला मार्गदर्शन केले आहे. हे मार्गदर्शन करतांना विज्ञानाला विरोध केला. या सर्व धर्मसंस्थापकांनी मानवाला भगवान, आत्मा, ईश्वर, परमेश्वर, स्वर्ग, नरक, पुनर्जन्म, भुतपिशाच, राक्षस, पूर्वकर्म या भ्रामक कल्पनांमध्ये जखडून ठेवले आहे.

ई.स. पूर्व ५६३ मध्ये सिध्दार्थाचा जन्म झाला. त्यांनी आपल्या जीवनात वयाच्या ३५ वर्षापर्यंत अनेक विषयांवर अध्ययन व विचार विमर्श केला. ऋषींच्या आश्रमात राहून कठोर तपश्चर्या आणि अध्ययन केले. परंतु यामध्ये त्यांना कुठलेही सत्य दृष्टीस पडले नाही. सत्याचा शोध घेण्याकरिता मनन चिंतन केले. शेवटी वैशाख पौर्णिमेला त्यांना सम्यक सम्बोधी प्राप्त झाली आणि पूर्वापार चालत आलेल्या रूढीपरंपरां विरुद्ध उभे राहिले. मनुष्याला काल्पनिक गोष्टींपासून दूर करण्याचा प्रयत्न सुरू केला. त्यांनी एक नवीन विचारप्रणाली प्रस्थापित केली. ही नवीन विचार प्रणाली विज्ञानाशी सुसंगत होती. तिला 'धम्म' या नावाने संबोधित केल्या गेले. तिला 'धम्म' या नवीन नावाची ओळख दिली. धम्म काय आहे हे समजावून सांगितले आणि मानवाला जुन्या रूढी परंपरांपासून दूर सारण्याचा प्रयत्न केला. त्यामुळे 'धम्म' काय आहे हे समजणे आवश्यक आहे.

भगवान बुद्धाने प्रतिपादित केलेला धम्म विज्ञान व तर्कावर आधारित आहे. मनुष्याला ज्ञानी, सदाचारी, मानवतावादी, समतावादी, कर्मवादी, वनविणारा भगवान बुद्धांचा धम्म विकासाकडे घेऊन जाणारा आहे. दुःखापासून मुक्त करणारा हाच खरा जीवनाचा मार्ग आहे. भगवान बुद्धाने सांगितलेल्या धम्मात कुठल्याही




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(स्वरूप आणि प्रासंगिकता)

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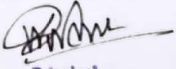
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सारांश :

गांधीजींची शिक्षणविषयक कल्पना ही श्रम, नीती व ज्ञान यावर आधारित होती. मातृभाषेतून शिक्षण, कमीत कमी पाठ्यपुस्तके वापरून श्रमाधारीत शिक्षण हे गांधीजींच्या उत्तम शिक्षणाची सूत्रे होत. त्यांच्या दृष्टीने शरीर, मन, हृदय यांचा समतोल विकास होय. त्यांच्या मते केवळ साक्षर होणे म्हणजे शिक्षण नव्हे. शिक्षणाद्वारे उच्च-नीच जात-पात, धर्म यासंबंधीचा भेद भाव नष्ट व्हावा. सर्व धर्माची तत्वे, आदर भाव, उदार सहिष्णुता यांची आकलन करून देण्याची वृत्ती विद्यार्थ्यांत निर्माण व्हावी व ती जोपासली जावी हा होता. शिक्षणाने ग्रामीण उद्योगांचा व्हास थांबवावा.

प्रस्तावना :

महात्मा गांधी यांचा जन्म २ आक्टोबर १८६९ मध्ये पोरबंदर येथे झाला. त्यांचे शिक्षण विषयक विचार शिक्षणशास्त्रातील विद्वानांपेक्षा गांधीजींचा शिक्षण विषयक विचार अगदी वेगळा होता. आजचे शैक्षणिक धोरण पुस्तकी आहे. गांधीजींच्या मते, शिक्षण म्हणजे श्रम, नीती व ज्ञान यांवर आधारित होती. सगळा समाज, विशेषतः कष्टकरी जनता स्वावलंबी व स्वाभिमानी बनू शकेल अशी शिक्षणव्यवस्था त्यांना हवी होती. त्यांच्या मते केवळ साक्षर होणे म्हणजे शिक्षण नव्हे ! व्यक्तीमत्वाचा संपूर्ण विकास साधणे हेच शिक्षणाचे घ्येय असले पाहिजे थोडक्यात गांधीजींच्या विचार प्रणाली नुसार 'शिक्षण म्हणजे माणूस घडविणे होय'.

हे शिक्षण मुख्यतः मातृभाषेतूनच असावे याविषयीही ते आग्रही होते. त्यांच्या 'वर्धा शिक्षण योजने'चे शिक्षण क्षेत्रात एक क्रांती केली. गांधीजींचे असे सर्वस्पर्शी व सर्वोपयोगी विचार होते.

बीजशब्द : शिक्षण, श्रम, नीती, ज्ञान, स्वावलंबन, स्वाभिमान, साक्षरता.
शिक्षण म्हणजे काय ? : फक्त अक्षर-ज्ञान एवढाच त्याचा अर्थ असला तरी ते एक साधन मात्र ठरते. त्याचा चांगला किंवा वाईटही





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प्रथम आवृत्ती — 26 नोव्हेंबर 2022

घोषणा —

“या ग्रंथातील प्रकाशित सर्व लेखांच्या विषयवस्तुशी अथवा लेखकांच्या मतांशी संपादक आणि सल्लागार मंडळ सहमत असेलच असे नाही. प्रकाशित लेख हे संबंधित लेखकांची स्वतः कृती असून त्या अनुषंगाने कोणताही वाद निर्माण झाल्यास त्यास संबंधित लेखांचे लेखकच सर्वस्वी जबाबदार असतील.”

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EDUCATION IN CONSTITUTION OF INDIA

Prof. Parsharam Maroti Thakare

Yashwantrao Chavan College, Lakhandur Dist-Bhandara

Education is important to cultivate ethos and values of Indian Democracy in citizens. The Indian constitution has provisions to ensure that the state provides education to all citizens. The Indian Constitution in its original enactment defined education as a state subject. In the 42nd constitutional amendment act, five topics were moved from State list to Concurrent list, including education. Now education is available to both parliament and state assemblies to legislate upon. Under the constitution of India Central government has been specifically vested with several educational responsibilities.

India is signatory to number of international covenants i.e. MDGs, SDGs, SAARC charter for children which is binding on its commitment for making education a reality for all children.

Articles which are related to Education are -

Article 14, 15, 21A, 28, 29, 30, 45, 46, 51A (k), 337, 350, 351.

Some major constitutional provisions on education in India are as follows:

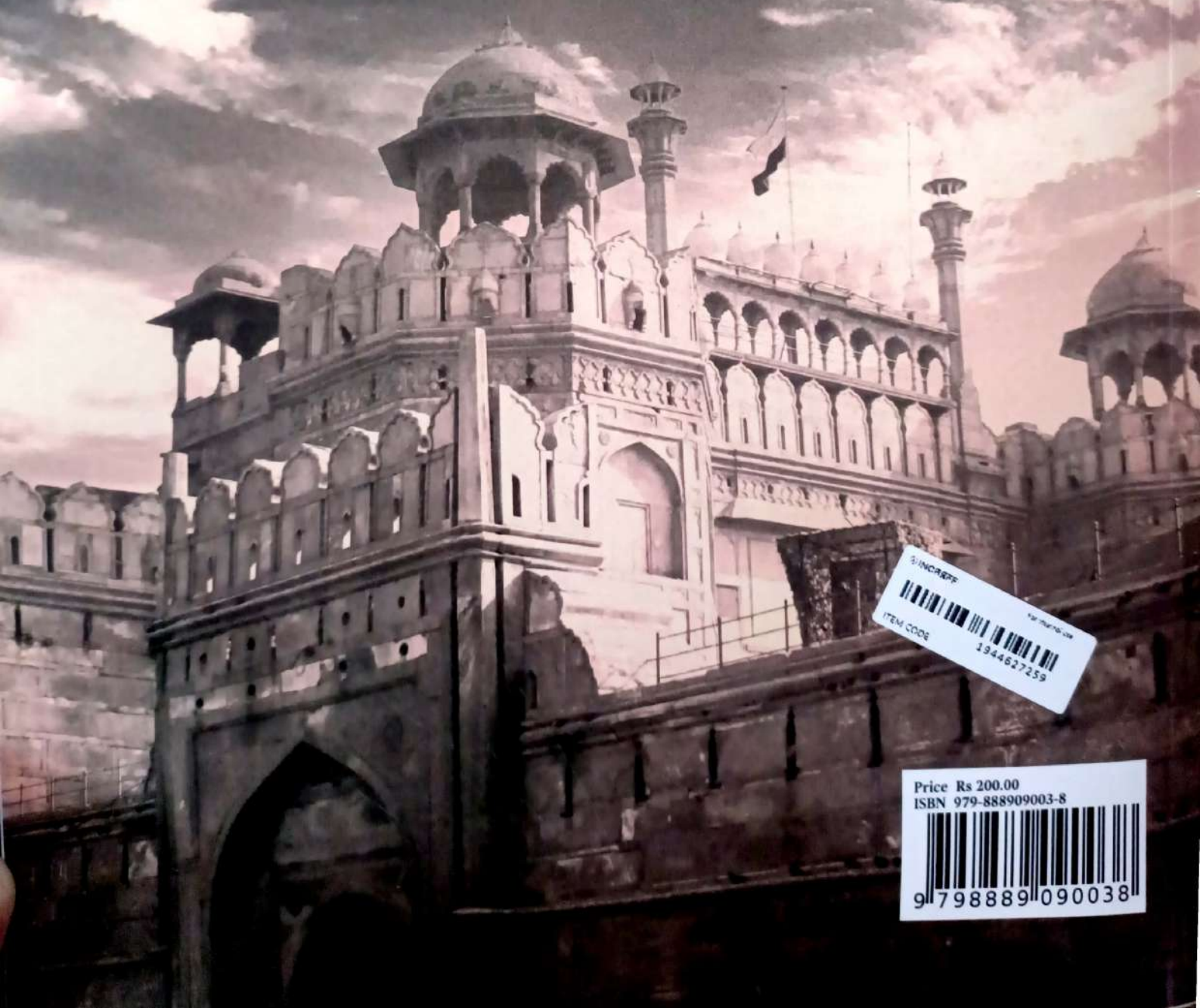
- 1. Right to Education** - 86th Constitutional Amendment Act 2002 of constitution of India made important changes in Fundamental Rights, Directive Principles of state policy, Fundamental Duties in education.

It provides Right to Education for age of 6 to 14 years and early childhood care until the age of six. It has inserted Article 21(A) - Right to education as fundamental right and replaces Article 45 - Early childhood education and amended Article 51A.

Article 45 - "The state shall endeavour to provide within a period of ten years from the commencement of this Constitution, for free and compulsory Education for all children until they complete the age of fourteen years"

It is clearly directed in Art 45 that provisions of Universal, free and compulsory education becomes joint responsibility of centre and the states.

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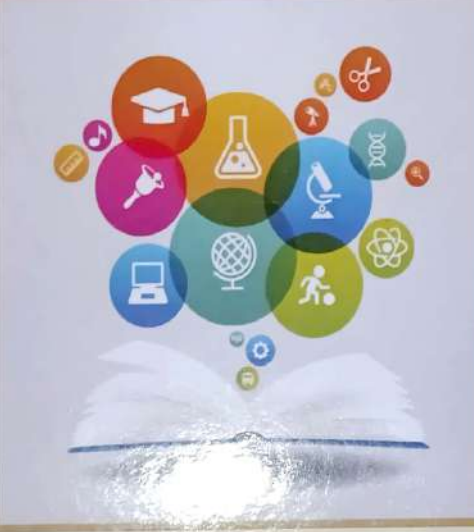
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१९६० नंतर मराठी साहित्य जे अनेक प्रवाह निर्माण झाले त्यात ग्रामीण साहित्य हा महत्वाचा प्रवाह आहे. नवा आशय, जिवनाचे नवे क्षेत्र मराठी वाचकासाठी ग्रामीण साहित्याने खुले करून दिले.

'ग्रामीण' या शब्दातून ग्राम-गाव-खेडे यांची रचना, त्याचे स्वरूप, वैशिष्ट्य समजून घेतल्यास ग्रामीण साहित्य ही संकल्पना स्पष्ट होते.

व्याख्या -

ज्यात आजचे व कालचे ग्राम जीवन, त्यांचे मनोव्यापार सांस्कृतिक संवेदना आणि सर्वांगीण स्वरूप व्यक्त होते असे म्हणता येईल... (गो.म.कुलकर्णी) ग्रामीण साहित्याचे केंद्र ग्रामव्यवस्था आहे.ग्रामव्यवस्थेचा केंद्रबिंदू शेतकरी आहे असे प्रमोद मुनघाटे यांनी मान्य केले आहे. ग्रामीण साहित्य म्हणजे ग्रामिणांनी ग्रामिणांचे अस्सल जीवनदर्शन घडविणारे देशी वळणाचे साहित्य होय.असे श्रीराम गुदेकर यांनी व्याख्या केली आहे.

ग्रामिण साहित्यात कथा,कादंबरी,कविता इ.प्रकारचा समावेश होतो.त्या दृष्टिने बहिणाबाई चौधरी यांच्या कवितेतील ग्रामीण दर्शन घडवून आणणे हा या शोध निबंधाचा विषय होय.
उद्दिष्टे -

बहिणाबाई चौधरी यांच्या काव्यामुळे ग्रामीण जीवनावर पडलेला प्रभाव अभ्यासणे हा शोधनिबंधाचा प्रमुख उद्दिष्ट्ये आहे.तर बहिणाबाईच्या जीवन चरित्राचा परिचय घडवून देणे हा दुय्यम उद्दिष्ट्ये आहे.

जीवन चरित्र -

आधुनिक मराठी कवितेच्या क्षेत्रात बरेच कवी,विद्वान व्यासंगी होते.पण बहिणाबाई चौधरी ह्या अशिक्षित होत्या.बहिणाबाई चौधरी यांचा जन्म २४ ऑगस्ट १८८० रोजी खानदेशातील असोद या गावी झाला.अंसोद हे गांव जळगांव जिल्ह्यात आहे.त्यांच्या वडीलाचे नांव उखाजी महाजन तर आईचे नांव भिमाई होते.बहिणाबाई एकूण सहा भावंडे होती.त्यात तीन बहिणी व तीन भाउ होते.

इ.स.१८८० हा काळ भारतीय पारतंत्र्याच्या काळ होता.भारतावर ब्रिटीशांचे राज्य होते. या कालखंडात भारतीय सुधारकांची दुहेरी लढाई सुरू होती.एक सामाजिक सुधारणेसाठी समाजातील अनिष्ट रूढीविरुद्ध लढा सुरू तर दुसरीकडे भारतीय स्वातंत्र्याची लढाई सुरू होती. अशा संघर्षाच्या काळात बहिणाबाईचा जन्म झाला होता.तत्कालीन रूढीप्रमाणे वयाच्या १३ व्या वर्षी जळगावच्या नत्थुजी चौधरी यांच्या सोबत बहिणाबाईचा विवाह (लग्न) झाले.बहिणाबाईचा संसार एकत्र कुटूंब पद्धती होता.परंतू घरगुती वादामुळे त्यांना विभक्त राहण्याचा प्रसंग आला व नव्याने संसार सावरतांनाच त्याचा पतीचा म्हणजेच नत्थुजी चौधरी यांचा १९१० ला मृत्यू झाला.

बहिणाबाई ह्या तीन लेकरं व थोडीशी शेतजमीन ह्यावर संसार करतांना त्यांना फार त्रास सहन कराव लागला.तत्कालीन समाजात एक विधवा म्हणून जगतांना बहिणाबाई यांना अनेक समस्यांना तोंड द्यावे लागले.शेतातील व दैनंदिन कामे करतांना मन रमविण्यासाठी प्रत्येक काळात स्त्रियांनी गीताचा आधार घ्यावा लागला.ओव्या,गीत,अभंग म्हणून त्या कामे करीत असत.स्त्री जीवनातील हिंदोळ्यावर वेगवेगळे विषय हेच बहिणाबाई चौधरी यांच्या कविता आढळतात.अशा बहिणाबाईचा मृत्यू ३ डिसेंबर १९५१ ला झाला.

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AFFECT OF GLOBALIZATION ON CLIMATE CHANGE AND FOOD PRODUCTION : A GEOGRAPHICAL STUDY

Prof. Dr. Ganesh L. Dhote¹ Prof. Dr. Kishor Y. Thakare²

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Abstract:

Climate change ensues due to Global Warming causing decreases in agricultural production. It possibly began with development which was followed by a fast growth of fossil petroleum ingesting. This question has drawn international attention since the 1970 and it has been extensively recognized by scientists that the Greenhouse gas formations are the reason of global warming. Global warming and climate change can effect agriculture in a variety of ways. This paper means to deliberate about the causes and impact of Global warming on agriculture area.

Key Word: Global Warming , Agricultural, Climate change, Crop produce.

Introduction:

The impact of Global Warming can affect Agriculture production and food security. The research hence looks into how adaptation can take place along with alleviation and how these steps can integrate into the overall development methods and program. It is the fact that agriculture still offers a livelihood for the most of the people particularly the underprivileged throughout the world. 15% population lives in India out of the world population. Agriculture performs a vital role in the comprehensive economic and social progress of India. The most approaching weather changes in present time is the increase in the atmospheric temperature due to increased level of Greenhouse gases Carbon -dioxide, methane nitrous -oxide and chlorofluorocarbons. There is a wonderful growth in the temperature of earth surface and sea water. During 1951 to 2005 the normal temperature of the earth was 0.74° to 1.33° Fahrenheit, do climate change.

Agricultural facilities add to around 20% of the yearly rise in anthropogenic greenhouse gas issue. Agricultural sector adds to global warming through carbon-dioxide, methane, sulpher-dioxide, nitrous-oxide and chlorofluorocarbon [cfc]. The growing attentions of those dangerous or Green House gases, there is much nervousness about future variations in our weather and direct or indirect influence on farming.

Objective :

1½ To determine the variation of crop Production.

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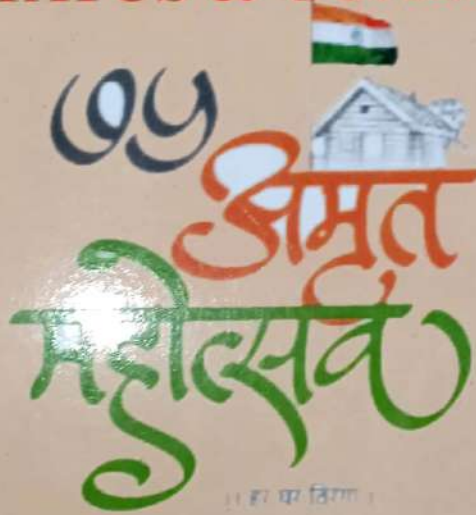
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75 YEARS OF INDIAN INDEPENDENCE
STATUS & GOALS



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Prof. Virag S. Gawande

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स्वातंत्र्योत्तरकाळातील मराठी रंगभूमीचे स्वरूप**प्रा. भोजराज व्ही. बोदेले**यशवंतराव चव्हाण कला, वाणिज्य व विज्ञान महाविद्यालय लाखांदूर, जि. भंडारा
bhojrajbodele@gmail.com, मो. नं. ९४०३२३७८३१**प्रस्ताविक**

मराठी साहित्यामध्ये एक रजनप्रधान आणि समाजभिमुख साहित्यप्रकार म्हणून या साहित्य प्रकारास अनन्यसाधारण महत्व आहे. एक समिश्र कला म्हणून या साहित्य प्रकाराकडे पाहिले जाते. शिवाय प्रयोगक्षमता हे या वाङ्मय प्रकाराचे अंगभूत वैशिष्ट्य असल्याने लोकमाणसामध्ये अधिक लोकप्रिय झाला. विविध ललित कलांचा मधूर अविष्कार नाट्यकलेत होत असल्याने नाट्यकला हे मानवी जीवनाचे एक अविभाज्य अंग बनलेली दिसते. मानवी जीवनातील विविध घटना, प्रसंग आणि व्यक्तिरेखा यांचा एक अद्भूत असा अविष्कार नाट्यकलेतून घडतांना दिसतो. प्राचीन काळापासून चालत आलेली ही कला अजूनही रसिकांच्या मनावर मोहिनी घालतांना दिसते. आपल्या भारतीय रंगभूमीला एक समृद्ध व प्रदिर्घ अशी परंपरा लाभलेली आहे. मराठी रंगभूमीनेही त्यात मोलाची भर टाकून नाट्य विश्वामध्ये महत्त्वाचे योगदान दिलेले आहे.

'महाराष्ट्राचे भरतमुनि' विष्णूदास भावे यांच्या 'संगीत सीता स्वयंवर' या नाटकाने मराठी रंगभूमीचा पाया घातला. ५ नोव्हेंबर १८४३ ला सांगली येथे या नाटकाचा पहिला प्रयोग चिंतामनराव पटवर्धन यांच्या दरबारात झाला. आणि यातूनच मराठी नाटकाचा जन्म झाला. यज्ञ वाङ्मय प्रकाराने मराठी मध्ये पुढे मोठीच परंपरा निर्माण केली आणि मराठी सारत्व समृद्ध केले. यापूर्वी मराठीतून नाटके लिहिली गेली, तसेच ती निराळ्या स्वरूपात समाजात नांदत होती. 'मराठी नाटक हे मराठी मनाचा स्वभावधर्म असल्यामुळे ते मराठीच्या जन्माबरोबरच उपजत आहे हे खरे' असे जे. कृ. पा. मराठे म्हणतात, ते योग्य वाटते.

बीज शब्द :- रंगभूमी, स्वातंत्र्योत्तर कालखंड, नाटककार, नाट्य लेखिका, दलित, स्त्रीया इत्यादी. व्याख्या -१) 'रंगभूमीवर दृश्यात्मक रूपाने प्रयोगीत होईल अशी वाङ्मयीन रचना म्हणजे नाटक होय' २) 'नाटक हे काल्पनीक अथवा खरोखरी होऊन गेलेल्या एखाद्या व्यक्तित्वाच्या व तिच्याशी संबंध असलेल्या इतर व्यक्तित्वाच्या आयुर्वर्तनातील काही भागांचे दृश्यरूपाने मर्यादित कालात दाखवता येणारे व मनोरंजन करून उपदेश करणारे दृश्य काव्य आहे'

१९२० नंतर मराठी रंगभूमीची स्थिती अधिक बिकट होती. प्रतिभाशाली नाटककार नव्हते, त्यामुळे कलात्मक नाटक तयार होत नव्हते. नाटकांच्या प्रातांत असे घडत असतांनाच मुखपटाची सुरुवात झाली. आणि करमणुकीचे एक नवे साधन समाजाला उपलब्ध झाले. १९३४ नंतर मुखपट हा बोलपट बनला त्यामुळे कलात्मक नाटकच संपले होते. परंतु मराठी नाटकाला नवे रूप मिळवून देण्यासाठी १९३३ स्थापन झालेल्या नाट्यमन्वन्तर या संस्थेने कलावंतांनी सादर केलेला पार्श्वनाथ आळतेकर यांची 'आंधळांची शाळा' या नाटकाने खऱ्या अर्थाने मराठी रंगभूमीच्या इतिहासात आशय व अविष्कारदृष्ट्या वास्तवाचे एक नवे भान आणले.

१९३३ नंतर मराठीरंगभूमीला चित्रपटाबरोबर स्पर्धा करावी लागली. चित्रपटासारख्या प्रभावी माध्यमामुळे संगीत नाटक मागे पडू लागले. नंतरच्या काळात सामाजिक, राजकीय आणि ऐतिहासिक स्वरूपाची नाटके लिहिली गेली. मो. गा. रंगणेकर ह्यांचे 'कुलवधू' आणि श्री. वी. वर्तक यांचे

'आंधळांची शाळा' या नाटकापासून वैभवाचे दिवस येऊ लागले. भा. वि. वरेरकर, प्र. के. अत्रे, पु. ल. देशपांडे, वि. वा. शिरवाडकर, वसंत कानेकर, वसंत कानेटकर, जयवंत दळवी, विजय तेंदूलकर, विश्राम बेडेकर इत्यादी थोर नाटककारांनी मराठी रंगभूमीला भरभराटीचे दिवस आणून दिले. १९६० नंतर प्रयोगिक रंगभूमीला सुरुवात होतांना दिसते. त्यामध्ये विजय तेंदूलकर, रत्नाकर मतकरी, महेश एलकुंचवार आदी लेखकांनी स्वातंत्र्योत्तर काळातील मराठी समृद्ध आशय आणि विषय असलेली नाटके दिली आहेत. तसेच स्वातंत्र्योत्तर काळातील लक्षात राहणारी नाटके म्हणून पुढील नाटकांचा उल्लेख करावा लागेल. हिमालयाची सावली, घाशिराम कोतवाल,

A REVIEW ON SUBSTITUTIONAL EFFECT OF DIVALENT IONS ON COBALT NICKEL FERRITE

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Abstract:

Ferrites belong to the class of materials which are best known for their wide range of application. Among ferrites, structurally Spinel Ferrite is simplest of them which crystallize into the spinel structure with excellent properties like high saturation magnetization, coercivity, and better thermal and electrical properties. Among spinel ferrites, Cobalt-Nickel ferrites find their space in a variety of applications because of their unique properties when compared to other ferrite family members. Co-Ni ferrites possess high magnetocrystalline anisotropy, unique magnetic structure and high correlation between the coercivity, crystallite sizes and sample preparation pressure due to their significant magnetostriction properties cobalt-based compositions are one of the most promising candidates for applications in magnetomechanical and magnetoelectric sensors. Co-Ni ferrites are the key electronic materials used high-frequency applications in the telecommunication field and also in high-density digital recording disks, audio/video tapes, high-quality filters, rod antenna radio frequency circuits, transformer cores, read/write heads for high-speed digital tape, operating device etc. This review work offered a versatile way in which the structural, electrical and magnetic properties of Cobalt Nickel nanoferrites can be influenced by the substitution of various divalent dopant ions.

Keywords: Ferrites, Spinel Ferrite, Cobalt-Nickel ferrites, Saturation Magnetization, Coercivity, magnetocrystalline anisotropy.

1. INTRODUCTION:

The structural, magnetic and electrical properties of the spinel ferrites are typically determined by the nature, valency and amount of dopant, their site preference and the distribution of iron and metal ions in the octahedral and tetrahedral sites of the spinel lattice [1,2]. The aspects which regulate the distribution of cations in spinel ferrite are the cations ionic radii, site preference of ions, Madelung energy and crystal field effects [3,4].

CoFe₂O₄ is one of the most significant ferrites that find its place under the class of hard magnetic materials. It has reportedly illustrated very high value of saturation magnetization and coercive field along with its exceptional thermal stability and high anisotropy field [5–8]. However, NiFe₂O₄ belong to the class of soft magnetic material exhibiting low saturation magnetization and coercivity, low electrical conductivity and thus low eddy current losses

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DR. WASUDEO B. GURNULE



SCIENCE OF ENVIRONMENT

Volume - II

Edited by

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Chapter

6

**NANO-MAGNETIC ADSORBENTS FOR REMOVAL OF
HEAVY METALS FROM WASTEWATER****PRANAY B. WASNIK**

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ABSTRACT

Heavy metals exist in maximum of the industrial wastewaters and water components are amongst the maximum severe environmental contaminants. As such, elimination of those metals from water and wastewater is a vital technique for protective public health and the environment. Thanks to its biocompatibility, flexibility, low cost, and excellent results, the adsorption approach has been widely used for this kind of purpose, making it essential to increase cheaper adsorbents in eliminating those metallic contaminants. In latest years, using magnetic adsorbents has received interest due to the fact of their magnetic property, which enables the separation and elimination of the adsorbent the usage of an outside magnetic composites, mainly the nano-sized ones, show off superiority over different adsorbents. Given their excessive adsorption yields, those were used as green and cost-powerful adsorbents for eliminating heavy metallic contaminants.

KEYWORDS: Adsorption, waste water, Magnetic Nanoparticle, Heavy metals

INTRODUCTION

Water is important and essential part of the universe and it plays a vital role within the proper functioning of the earth' ecosystems. Water stocks on earth can be divided into two categories i.e. salt water and fresh water. The total volume of water on earth is about 1386 million cubic km. Only 2.5 % of the total volume of water is fresh water and less than 1 % of all fresh water is directly available for human use (Amin et al., 2014). From a global point of view, water is unevenly distributed, with great natural variations in availability at the local level. Water pollutants are one of the most important modern-day issues which could pose a hazard to human health and the environment. The presence of poisonous chemical substances and organic agents above natural ranges maybe described as water pollutants. Pollutants contained in wastewater can be chemical contaminants which include heavy metals, natural and inorganic particles, toxins, pharmaceuticals, and hormones, or other risky substances. (Unuabonah & Taubert, 2014). Despite the presence of vast bodies of

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Chapter**6****Environmental Impacts of Climate Change****¹TRUPTA D. WAKDE, & ²PRAVIN K. THIKARE**

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ABSTRACT

Convincing evidence that the Earth's climate is changing dramatically and alarmingly has built quickly in recent years, particularly during the last three decades. Global warming, on the other hand, is a fact backed up by a massive body of evidence from a variety of sources. Indeed, scientific efforts have switched away from proving the presence of global warming and toward determining its causes. Although the precise level of damage caused by global warming is difficult to estimate at this time, it can be argued with certainty that the negative impacts of global warming on the climate will far outweigh any potential advantages. The chances are highly high that human-made greenhouse gases, particularly carbon dioxide, are the principal cause of today's well-documented global warming and climate change. Climate change has a number of negative consequences for agriculture, water resources, forests and biodiversity, health, coastal management, and temperature rise. Climate change would add to the stress placed on natural and socioeconomic systems, which are already under immense strain as a result of rapid industrialization, urbanization, and economic expansion. This study discusses the impact of climate change and its many components.

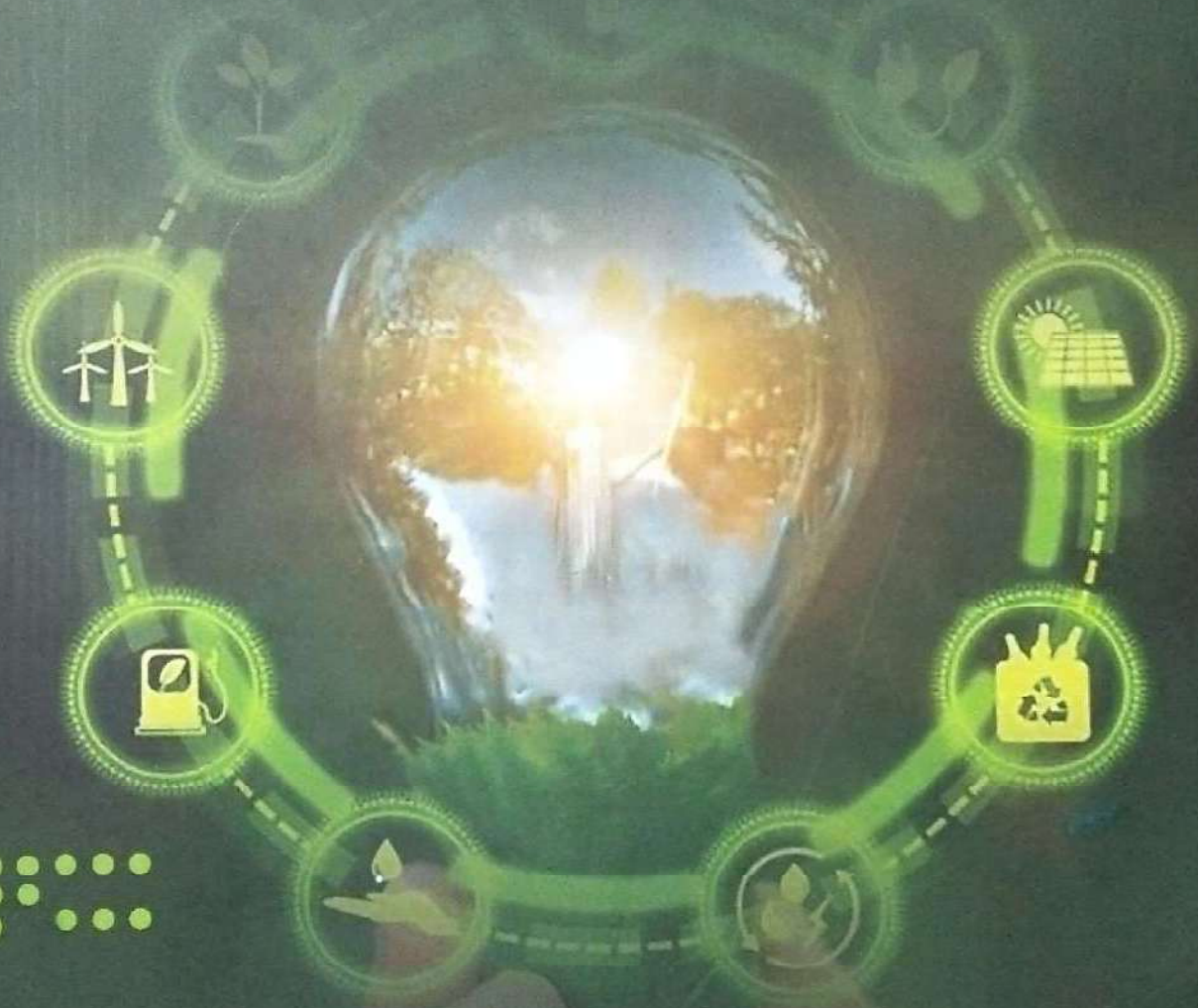
KEYWORDS: Global warming, Climate change, Carbon dioxide, Methane, Sea level rise, Greenhouse gas.

INTRODUCTION

Human beings have had a long history of influencing the environment. However, human activities have only recently begun to have a worldwide impact since the beginning of the industrial revolution. As a result of scientific evidence about the increasing concentration of greenhouse gases in the atmosphere and the changing temperature of the Earth,

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Chapter

3

**ETHNOMEDICINAL & AGRO-ECOLOGICAL PRACTICES IN
CROP-PEST & DISEASE MANAGEMENT****R. U. GADPAYLE^{1*} & J. V. GADPAYALE²**

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ABSTRACT

Modern agricultural and farming practices have exponentially increased crop yield, variety and availability almost year-round contributing to the growth of economy and country. However, over time, indiscriminate and excessive use of chemical fertilizers and pesticides have also led to the degradation of soil fertility, ecology, human and animal health. High input and maintenance in machine farming, crop failures, resistance of insects-pests/diseases to synthetic pesticides/microbicides, deteriorating soil and environment etc. further increased difficulties in agriculture sector especially for low-income group/small land holders. Rural and Tribal communities, with their limited natural resources, traditionally passed down certain crop pest & disease management practices and seed preservation techniques using wild/local medicinal plants or plant-products which may provide an alternative to toxic synthetic pesticides/herbicides, and favour sustainable, eco-friendly agro-ecological practices maintaining biodiversity. Identification and validation of such indigenous practices and processes could provide a sustainable solution to present day crisis and potentially benefit wider farming communities. In this chapter, ethnomedicinal and agro ecological practices used for crop pest and disease management, particularly in rural and tribal parts of Eastern Vidarbha (Maharashtra), are discussed.

KEYWORDS: Ethnomedicine, Agriculture, Pesticides, Phytochemicals, Biodiversity.

INTRODUCTION


In India, on an average a farmer holds a small agriculture land (about 1 hectares) and the small land holders cultivate about 83 percent of total landholdings. However, its contribution to GDP has declined from 51% to 16% since 1951 to present day although dependency on agriculture has increased from 70 million households to 120 million households (Down to Earth, 2021; Chandra Babu & Joshi, 2019). Since the green revolution



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UNIT - 1

THEORY OF ECONOMICS AND GROWTH

INTRODUCTION

Each and every aspect of the global economy is covered by economics. It's a subject which is used in a mixture of conduct. For example, your mother is responsible for all of the household chores. Taking care of all your responsibilities around the house, managing your rations budget, and meeting your basic human needs are all part of the job. As a result, it's a topic that has direct relevance to the way we go about our daily lives. These two branches of economics deal with different aspects of the economy. Consumers and households are examples of individual economic entities that fall under the purview of the first category. The latter, on the other hand, focuses on the entire economy

Economists are concerned with finding the best way to distribute society's resources. There are a number of subfields within the discipline that focus on distinct elements. In addition, economics is a complex subject with numerous schools of thought.

BRANCHES OF ECONOMICS

The two major branches are


Microeconomics is the study of the economy at the micro and macro levels, whereas macroeconomics is the study of the economy as a whole.

Macroeconomics A wide range of topics including inflation, economic growth, and international trade.

MICROECONOMICS

The term "micro" refers to a little portion of anything.




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Contemporary Issues in Banking and Finance

Verma | Kanujiya | Maurya

Contemporary Issues in BANKING AND FINANCE

Edited by:
Dr. Rajanikant Verma
Dr. Punit Kumar Kanujiya
Dr. Ajeet Kumar Maurya



About the Book



The present edited volume titled 'Contemporary Issues in Banking and Finance' is a collection of eighteen papers on different aspects of banking and finance. This book is the amalgamation of thoughts, experiences, and research studies conducted by various academician, researchers, managers, a professional and practitioners, which is addressing wide range of areas related to Foreign Exchange Reserves, Tax and Non-Tax Revenue, Goods and Service Tax, MSMEs, Non-Banking Financial Institutions, Financial Performance Between Banks and NBFCs, Financial Literacy, Cryptocurrency, F-Banking, Integration of Banks and Crypto currency in a Democratized World, Building a Smart Bharat, Civil Expenditures, That Qualifies as Corporate Social Responsibility, Democratization in Informal Sector, Gold and Asian Markets, Micro Finance, Empowering Women and NRI, E-Commerce, Non-Performing Assets of Scheduled Commercial Banks, Impact of COVID-19 on E-Commerce Companies, and plastic money in UNNAD. This edited book is presented in very simple, lucid and logical format and it is believed that this edited book will be of great interest of concerned faculty members, researchers, professional managers, policy makers and anyone looking to gain a solid foundation to continue their learning of the dynamics of human resource.



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Role of Non-Banking Financial Institutions in Indian Economy

Dr. Rita Ramji Raut

ABSTRACT

Non-Banking Financial Institutions plays an important role in developing Indian economy. It is registered under Company Act, 1956. The banking sector is one of the important sectors in business area. NBFI grows continuously with comfortable cost so it is profitable sector to the businesses. It provides financial services and banking facilities to the society like loans and credit facilities. It gives financial support to Indian Economy. Many peoples are included in NBFC as customer on the basis of low rate credit facilities. Customers who could not maintain their account at minimum amount in a bank, so even low class customers or those customers who cannot invest in bank or cannot take loan from bank, for those customers NBFC are very beneficial. It works under Company Act so it is like a company. This study is focus on new opportunity to investment in non-banking financial institutions. It contains various tools of Indian Financial System.

Keynotes: Financial Position, Indian Economy, Functions of NBFI, Role of Financial System.

Introduction

NBFC is working in out of bank area. It is like a bank but it is not working as bank. This is the last option to customer for taking credit at zero bases account. It works as financial intermediaries between bank and non-banking companies. It also helps in transportation, employment; help in wealth generation etc. They have played a vital role in banking facilities but not having banking license. It is only a part of Bank not a complete bank. It is also known as "Finance Companies", "Finance Corporations",

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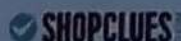
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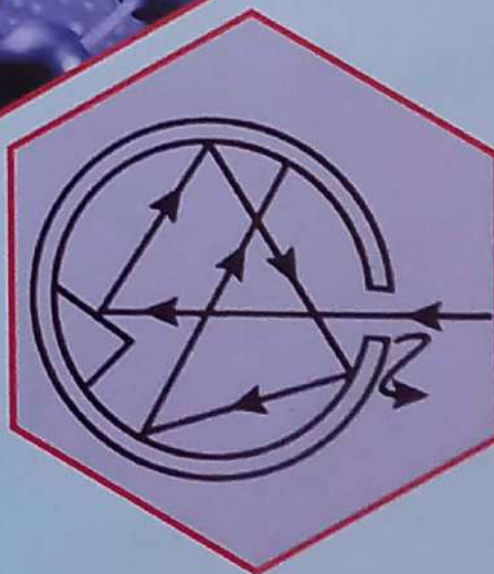
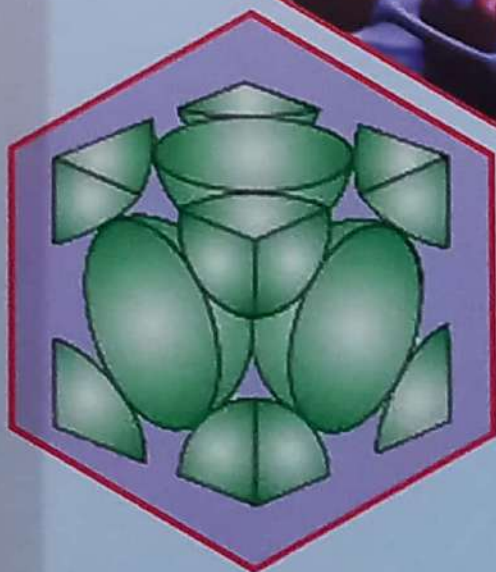
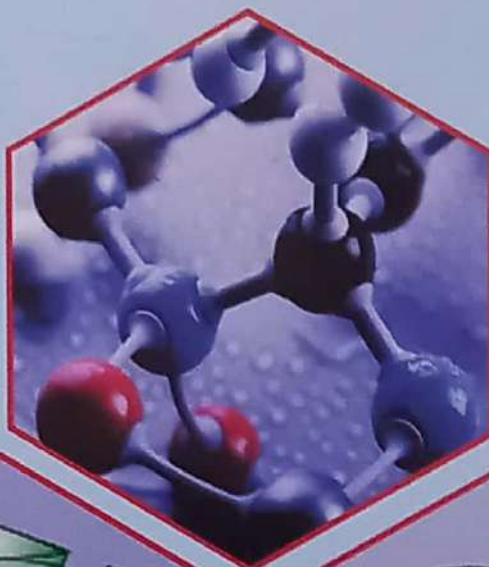
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Paper - I : Inorganic chemistry (CH-401)

Paper - II : Physical Chemistry (CH-402)

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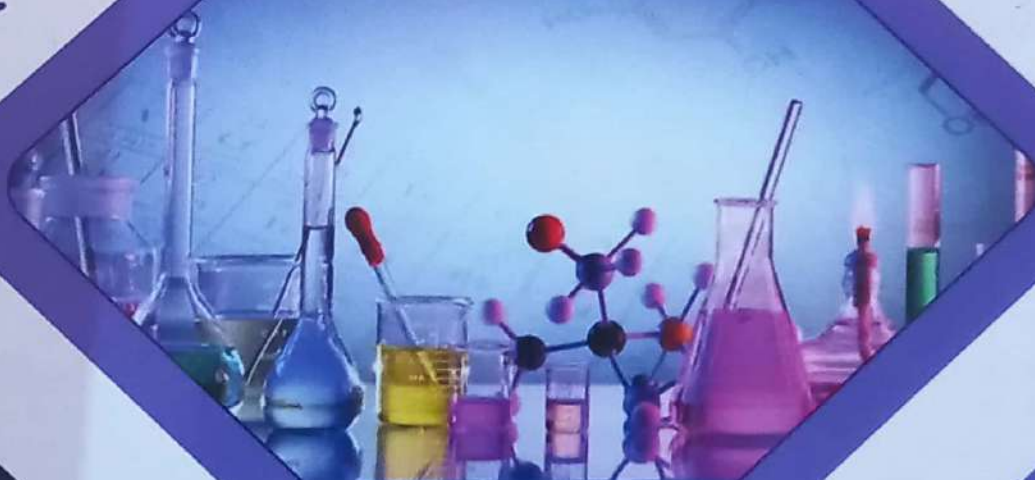


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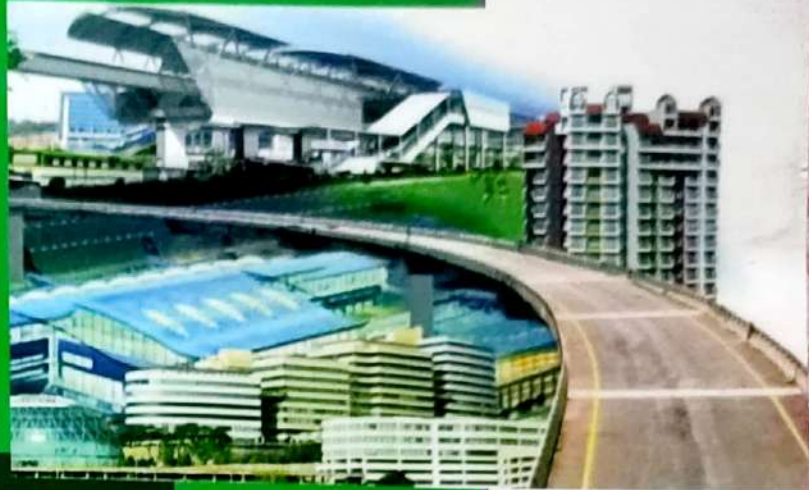
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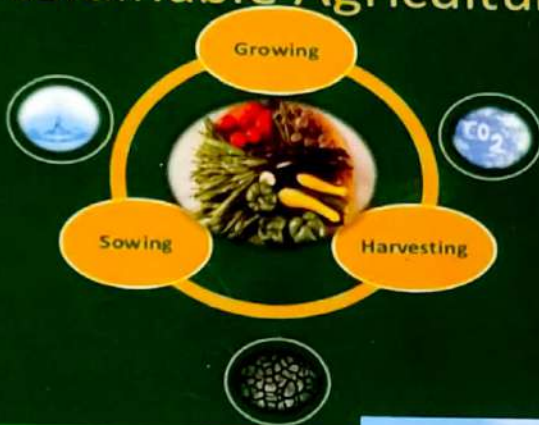
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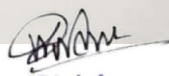
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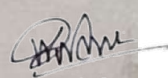
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Role of Solar Energy for Sustainable Development

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Abstract

Sustainable development is that which beat the need of present without compromising the ability of future generation to meet their own needs. With the help of such a development we reduced the pollution and make a eco-friendly environments. In the World most of electricity generated with the help of coal and natural gases. Those resources are limited and create more air pollution which effect on human and environmental eco-system and produces greenhouse gas emission.so now days it is very essential need to find out clean, environmental friendly and pollution free energy resources. Solar energy is one of them. Solar energy is very prominent source for generation of electricity. Solar energy is clean source of energy it is pollution free and eco-friendly. In this paper written about, what is solar energy, how solar panel work and there mechanism. also discussing about role of solar energy for sustainable development.

Key words: - Sustainable development, environmental, eco-friendly, greenhouse gas emission, solar energy

Introduction

Sustainable development is the way of organizing society so that it can exist in the long term. There are manly three pillar of sustainability first one is economic then environmental and social. Such a development is future centric. Example of sustainable development is renewable energy resources it is very useful energy that is collected from natural resources.it is most effective in the long term. Examples renewable resources are sunlight, wind, rain, tides, waves, biomass plants, solar cooker, and geothermal heat. Such a renewable energy creates 5 times more effective than fossil fuels, such a energy generating energy that produces no greenhouse gas emission from fossil fuels and reduces some types of air pollutions and creating economic development and jobs in installation, manufacturing and lots more. Energy is an essential need for the existence and growth of human communities. Consequently, the need for energy has increased gradually as human civilization has progressed.(Maka & Alabid, 2022) The increasing environmental disturb is about the contribution of coal-fired power generation to air emissions, mainly due to the poor quality of Indian coal with an average ash content of 40% or more. Studies have shown that power sector contributes about 40% of the total carbon emissions.(Mallah & Bansal, 2010) Progress in energy use and emissions is expected to be principally noticeable in some sectors. The sectorial contributors to progress in energy

consumption are expected to be power generation (35%), industry (15%), transport (12%) and buildings (6%) in developing countries, followed by power generation (11%) and transport (6%) in OECD countries (Kaygusuz, 2012) Additionally environmental pollution as well as global warming or climate change that caused by the resources of conventional energy can be counted as the other significant issue in the world which all are the other main reasons to find a suitable alternative energy source(Mekhilef, Faramarzi, Saidur, & Salam, 2013) One of the most important factors of today's global energy production system are Greenhouse Gas emissions from power plants around the world, which are considered to be one of the main factors leading to climate change.(Karakosta, Pappas, Marinakis, & Psarras, 2013). Most of the scientists predict that if atmospheric concentrations of greenhouse gases continue to increase, as present trends in fossil fuel consumption suggest will occur, the earth's temperature may increase in the next century by another 2⁰C and perhaps by up to 4⁰C.(Dincer, 2000) Eighty-five per cent of the world's commercial primary energy is supplied by fossil fuels. Conventional (renewable) hydro, nuclear and new renewables provide the rest as depicted. In the last few years, renewable energy technologies in India have been promoted through R&D, demonstration projects, dissemination projects/programmes supported by government subsidies and fiscal incentives(Naidu, 1996)




Neloy Khare *Editor*

Science, Policies and Conflicts of Climate Change

An Indian Perspective




Principal
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Chapter 6

Lacustrine Records of Anthropogenic Change and Precipitation in the Monsoonal Core Zone of Central India since the Last Century



Samaya S. Humane, Sumedh K. Humane, and Snehal Juare

Abstract A sediment core from the Navegaon Bandh Lake (NBL) was studied for diatoms and sediment geochemistry to investigate the anthropogenic impact and climatic variability over the past century. The declined geochemical concentrations show three major impacts on the NBL coinciding with the drought events in the foremost parts of India around 1918, 1975, 1965 and 1991. The rise in the geochemical content of the NBL core was evident in the post dam construction period (i.e., ~1917–1919) with the two major peaks around 1975 and 1998. These major peaks are indicators of the higher rate of soil erosion and improved precipitation in the catchment of the NBL. Anthropogenic activities have caused five major changes in diatom assemblages and ecology in the NBL around 1946, 1956, 1972, 1978 and 2006. The increased agricultural activities in the catchment of the NBL are evident since ~1906–1966 as the fertilizers (K, P) are mainly derived other than soil particles of the catchment. Similarly, deforestation in the region was evident during ~1967–1975 coinciding with the period of the highest soil erosion. Another major phase of soil erosion caused by anthropogenic activities was noticed during ~1992–1998. The hypolimnetic oxygen of the NBL has declined for the past ~80 years indicating increased eutrophication in the lake till the present. The nutrient input in response to climatic conditions and anthropogenic activities has played a vital role in the diatom shift of the NBL. *Aulacoseira granulata* was predominant during ~1906–1914, ~1920–1922, ~1941–1943, ~1948–1956, ~1972–1976 and ~1973–1982 in the NBL signifying the increased soil erosion and flux, persistent wet period and increased nutrient levels. While the major period of the profusion of *Rhopaloidea musculus* in the NBL core was during ~1919–1921, ~1933–1940, ~1956–1972 and ~1978–2004, respectively, indicating a mesotrophic, Meso

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युगपुरूष महाराजा सयाजीराव गायकवाड

प्रा. भोजराज व्ही. बोदेले

यशवंतराव चव्हाण कला, वाणिज्य व विज्ञान महाविद्यालय लाखांदूर, जि. भंडारा
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प्रस्तावना

भारताच्या वैचारीक, सामाजिक व शैक्षणिक बांधणीत महाराजा सयाजीराव गायकवाड ह्या दूरदृष्टी राजाने सर्वार्थाने लक्षणीस काम केले. देशभरातील सर्व युगपुरूषांना उदा. दादाभाई नौरोजी, ना. गोखले, म. गांधी, लो. टिळक, पं. मदन मोहन मालवीय, स्वा. सावरकर, डॉ. बाबासाहेब आंबेडकर, म. फुले, छत्रपती शाहूया आणि अनेकांना या राजाने मदत केली. ते एक प्रकारचे सर्वांचे पाठीराखे होते. एवढेच नाही तर महाराजा गायकवाड यांनी स्वतंत्र भारताचे स्वप्न पाहत लोककल्याणकारी राज्याचा आदर्श निर्माण केला. आयुष्यभर प्रजाहित जपत त्यांनी आपले स्वप्न वास्तवात उतरविले, मात्र भारतातील अशा एकमेव उत्तुंग व्यक्तिमत्त्वाकडे स्वातंत्र्याच्या सूर्योदयानंतर कोणाचे फारसे लक्षच गेले नाही, हे मात्र घडून गेले. भारतातील पाऊणशे वर्षांचा कालखंड सयाजीरावांच्या कर्तृत्वाने भरलेला आहे, असे रियासतकार गोंविंद सखाराम सरदेसाई यांनी लिहून ठेवले. त्याहून महत्त्वाचे भाकीत जगदीश चंद्र बोस यांनी केले. ते म्हणतात, 'भारतासाठी आता सुवर्णकाळ फार दूर नाही. सर्वांच्या एकत्र प्रयत्नातून तो सुदिन लवकरच येणार आहे. आणि या देशाच्या जनकल्याणासाठी जे प्रयत्न करतात, त्यांचे उद्याचे नायक आहेत सयाजीराव. हा सुदिन म्हणजे स्वातंत्र्याची पहाट होती, पण नियतीचे वेळापत्रक वेगळेच होते. स्वातंत्र्यसूर्योदयाच्या दर्शनाअगोदरच सयाजीराव हे जग सोडून निघून गेले आणि जे घडावे असे वाटत होते, ते घडून शकले नाही. स्वातंत्र्यानंतर पंच्याहत्तर वर्षे होत आलीत, पण भारताच्या स्वातंत्र्यलढ्यात सर्व क्रांतिवीरांच्या पाठीमागे आयुष्यभर हिमतीने उभे राहून, सार्वभौम सत्तेशी संघर्ष केलेल्या महाराजा सयाजीराव गायकवाड यांच्याकडे आमच्या इतिहासकारांनी, राज्यशास्त्रप्रशासनातील मान्यवरांनी सामाजिक सुधारणांच्या पताका खांद्यावर घेऊन आपापल्या नेत्यांच्या नावाचे आयुष्यभर भांडवल करणाऱ्या कोणाही मंडळींना काळापूर्वी दूरदृष्टी असलेल्या या युगद्रष्ट्यासंबंधीचा खरा इतिहास सांगवा वाटला नाही. हे का घडले ह्याचा शोध घेण्यापेक्षा, घडून मात्र गेले आहे.

इतिहासकार वि. का. राजवाडे यांनी महाराष्ट्रातील शंभर वर्षातील कर्तृत्ववान व्यक्तींची मोजदाद करणारा एक बहुमोल लेख लिहिला आहे. त्या लेखात पहिले नाव लिहिले आहे महाराजा सयाजीराव गायकवाड यांचे. सयाजीराव महाराज जाऊन पाऊण शतक उलटले. स्वातंत्र्यपूर्व काळात ह्याच युगपुरूषांच्या कर्तृत्वाने पाऊण शतकाचा इतिहास विविध घटनांनी भरलेला होता. आणि आजचे समाजजीवन वेगवेगळ्या कारणांनी-घटनांनी ढवळून निघत असताना सगळ्यांना बरोबर घेऊन समामिलकीच्या भूमिकेतून सर्वक्षेत्रात उत्तुंग काम केलेले सयाजीराव प्रसिद्धीच्या प्रांगणातून बाजूला राहिले असले तरी, येत्या काळात सर्वांना प्रेरणा देऊ शकतील असे एकमेव व्यक्ती आहेत.

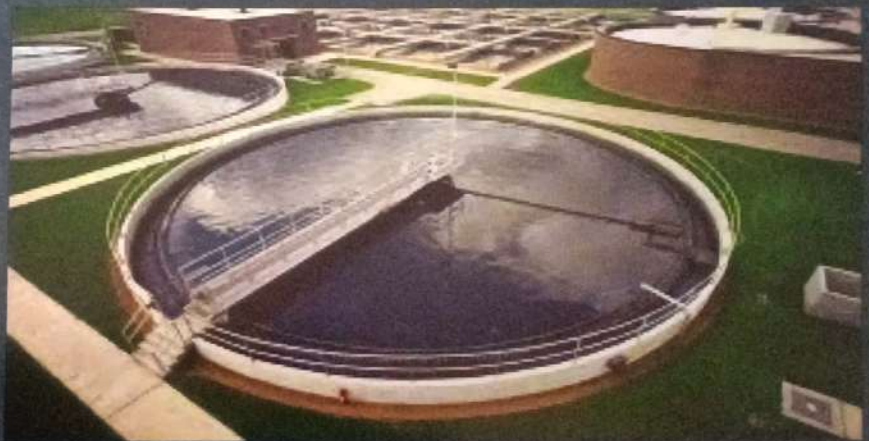
महाराजा सयाजीराव गायकवाड यांच्या कालखंडातील चार टप्पे पाडता येतील जसे १. अनुभव काळ, २. अभ्यास काळ, ३. विचार काळ व ४. प्रगतीकाळ.

१. अनुभव काळ (१८८१ ते १८८७) :- महाराजा सयाजीराव गायकवाडयांची १८७५ साली दत्तक म्हणून राजमाताजमनाबाईने बडोदा राज्याचा राजगादीवर निवड केली. १२ वर्षांच्या अशिक्षित अशा गोपाळरांवांना खऱ्या अर्थाने १८८१ पर्यंत सहा वर्षे स्वतःचे शिक्षण आणि राज्यप्रशासनाचे शिक्षण गुरू म्हणून ब्रिटीश संस्थानातील आयसीएस अधिकारी एफ.ए.एच. मि. इलियट यांनी सयाजीरावांची उत्तम तयारी करून घेतली. दिवान सर टी. माधवराव केशव भाऊराव पंडित आणि व्यंकटराव जोशी उर्फ भाऊ-मास्तर या मंडळींनी सयाजीरावांना शिकविण्याचे काम केले. सुरुवातीला प्राथमिक माहिती पुरवत राहून त्यांचे विषयज्ञान वाढवले च काही काळानंतर त्यांचे अभ्यासाचे विषय वाढविण्यात आले. त्यांचा अभ्यासक्रमही विस्तारीत करण्यात आला. या तरुण राज्याच्या अंगचे गुण, नवे शिकण्याची चिकाटी, अन चोविस तास एखाद्या गोष्टीचा ध्यास घेवून त्याचा पाठपूरावा

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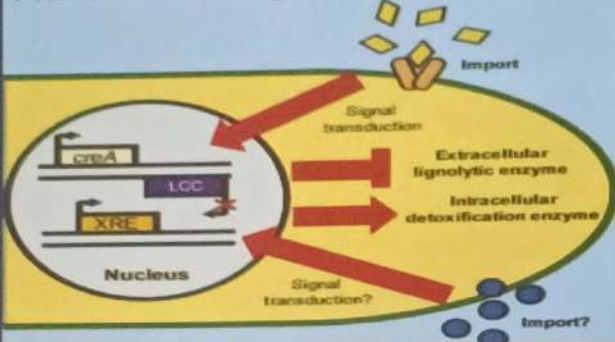
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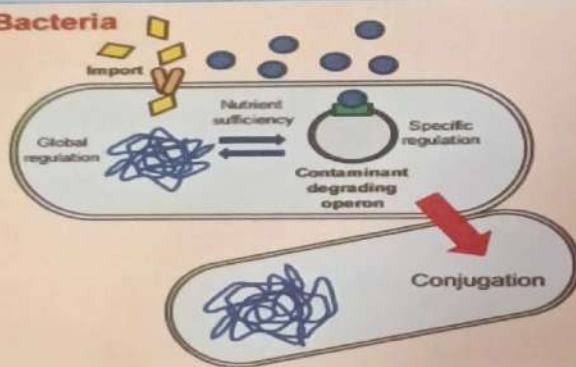
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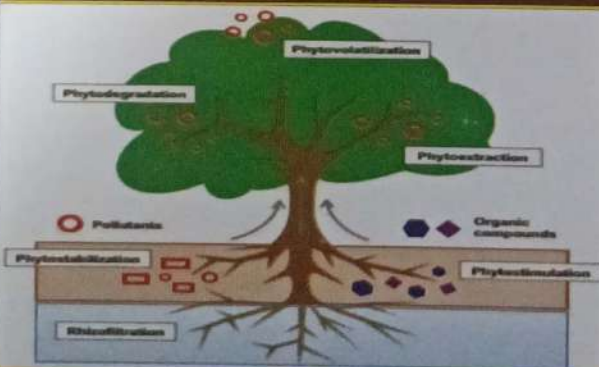
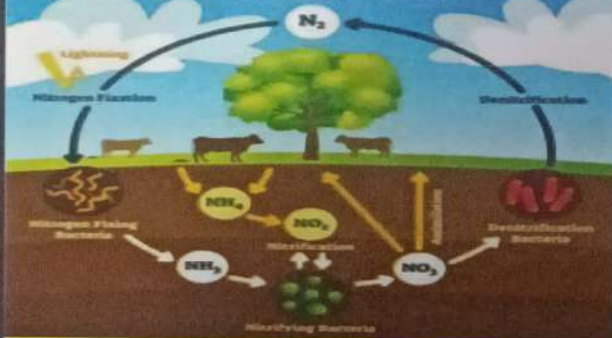
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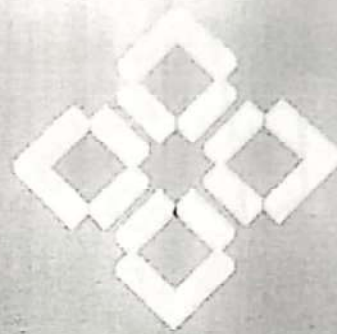
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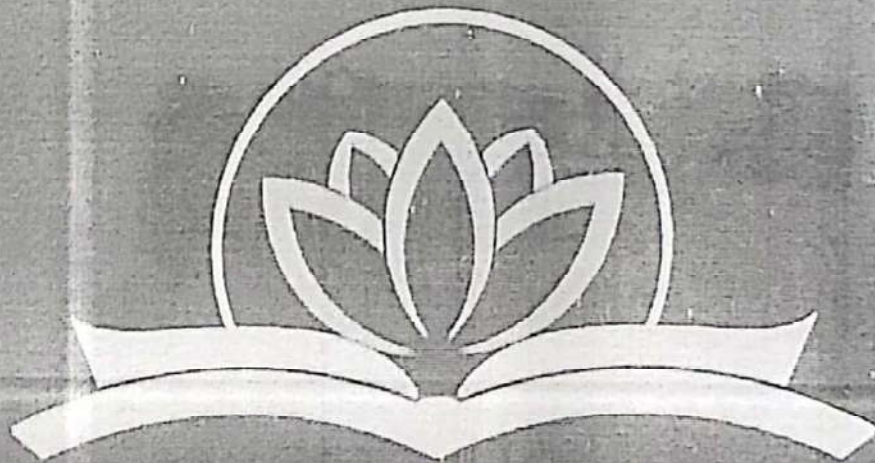
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‘भारतातील महिला सवलतीकरण’ : विशेष संदर्भ - पंचायत राज व्यवस्था

प्र. डॉ. महेन्द्र मालकाव वाघेकर, समाजशास्त्र विभाग प्रमुख, येजवडेगव वस्त्राच महविद्यालय, लखनपूर, जि. पंजाब.

प्रस्तावना :

भारतात स्वतंत्र्य मिळून ७२ वर्षे उलटून गेली या ७२ वर्षांच्या काळात देशात राजकीयदृष्ट्या, नैतिकदृष्ट्या परिवर्तन घेऊन आले पण अस्तरय आदिवासी आणि स्त्रियांच्या दबावात मुलभूत अशा प्रकारचा बदल झालेला नाही. जग बदलले पण दुःख ही आणि दान्यात जगाच्या स्त्रियांचे जीवन बदलले नाही. स्वतंत्र भारतात पुरुषसमोरीत जगाच्या स्त्रियांच्या संदर्भात चिंतन, मनन होण्याची गरज आहे. महिला सवलतीकरण म्हणजे स्त्रियांना शूल आणि मुल या पारंपारिक चक्रातून बाहेर काढणे त्याचप्रमाणे स्त्रि म्हणजे संतती निर्मितीचा कारखाना नाही किंवा पुढीभांडी करणारी कारिणी मशीन नाही तर मानवी मन असलेली, मागमाला घडवणारी, रक्त, मानाचे सामाजिक प्रण्यात रूपांतर करणारी समानव्यवस्थेतील पुरुषाइतकीच किंवदंती न्यायशा महात्म्याची व्यक्ती आहे.

श्रीलता यादवीयाला यांनी आपल्या Empowerment of Women in South Asia Concept and Practices या ग्रंथामध्ये लिहिले आहे की The Process of Gaining Control over the Self, over the Ideology and the resource which determine power may be term "Empowerment" सवलतीकरण ही नियंत्रण करण्याची प्रक्रिया आहे.

स्त्रियांच्या आणि अस्तरयच्या क्षमतेचा, गुणवत्तेचा

विस्तार करणे म्हणजे महिला सवलतीकरण होय. महिला सवलतीकरण हे पुरुषांविरुद्धे अंतर्गत नाही. महिलांना अधिकार प्राप्त झाल्यात पुरुषांचे अधिकार निरर्थक होतील आणि त्यांच्या स्वातंत्र्यावर नफादा पोडेल असे समजण्याचे कारण नाही. उलटपटी जीवनाच्या प्रत्येक क्षेत्रात पुरुषांच्या बरोबरीने महत्कार्ये करून घ्यावेची निव्वडण्यास त्या सज्ज राहतील म्हणून पुनःपुन पुरुष नसून कावेसे काढणे की महिला सवलतीकरणामध्ये पुरुषांना विशेष नाही तर विशेष आहे फक्त पुरुषांचा प्रवरत्वाला जग आणि जगू द्या हा महिला सवलतीकरणाचा नाग आहे.

महिला सवलतीकरणाची आवरणकथा:-

२१ व्या शतकाच्या विकास पुगावही अजून, कधी परंपरे प्रचललेल्या नसतुपुढे समाजाचा आवरण सामाजिक विषमतेलाच घटून आहे. राहणे, प्रतांग, आदिवासी भागातील पुरुषप्रधान प्रवृत्तीमुळे बरोबर, जुगुपुन ह्या सारख्या समाजाचा घडी स्वीच ठरते. १९ व्या शतकाच्या पूर्वार्धात स्त्रिया अजून अंधकारात व दान्यात खोल लुडुन घसल्या होत्या. आपल्या स्वतंत्र अस्तित्वाची जाणीव नव्हती परंतु आज सर्व मानवात स्त्री देडाल एक व्यक्ती आहे. ताल आपला विकसत करतुन वैण्याचा पुर्ण अधिकार आहे तेव्हा तीच्या विकसाच्या आड ज्या अनानुष कधी व परंपर येत असतील तर त्या निरियतच दूर झाल्या पाहोणे ह्या करीता महिला सवलतीकरण आवरणक आहे.

श्री सवलतीकरणामुळे ताल तीच्या अधिकारची, अस्तित्वाची, कर्तव्याची, समाजीय विकसत व प्रताची परिपक्व जाणीव निर्माण होते तसेच स्वःताच्या आगेण्याची कळगी वैण्यात प्रेरणा मिळते. नैऋते व व्यवसाय प्राप्त करण्यासाठी ब्राह्म घरल्या जाते. शिकण्यामुळे आज भारतातील स्त्री ही शिक्षण, उद्योग, तंत्रज्ञान, संगणक, अंतराळक्षेत्र, सेवा, शोती, जिडा, माहित्य, इ. अनेक क्षेत्रात स्त्रियांची प्रकायात्मक कमगोपे दिग्गुन येते. एक बाजुला भारतात राष्ट्रपती शोनी प्रतीभाभांडे पाटोल या आपल्या देशाच्या विकसतत योगदान करीत असल्या तरीही दुसऱ्या बाजुला अनेक स्त्रियांवरणी दरगेज पल्याकार, जाळपोड, हुडांपल्ली, भुनहात्या, वैश्यावृती, स्त्रियांची विज्ञे, स्त्रियांची निर्भरता.



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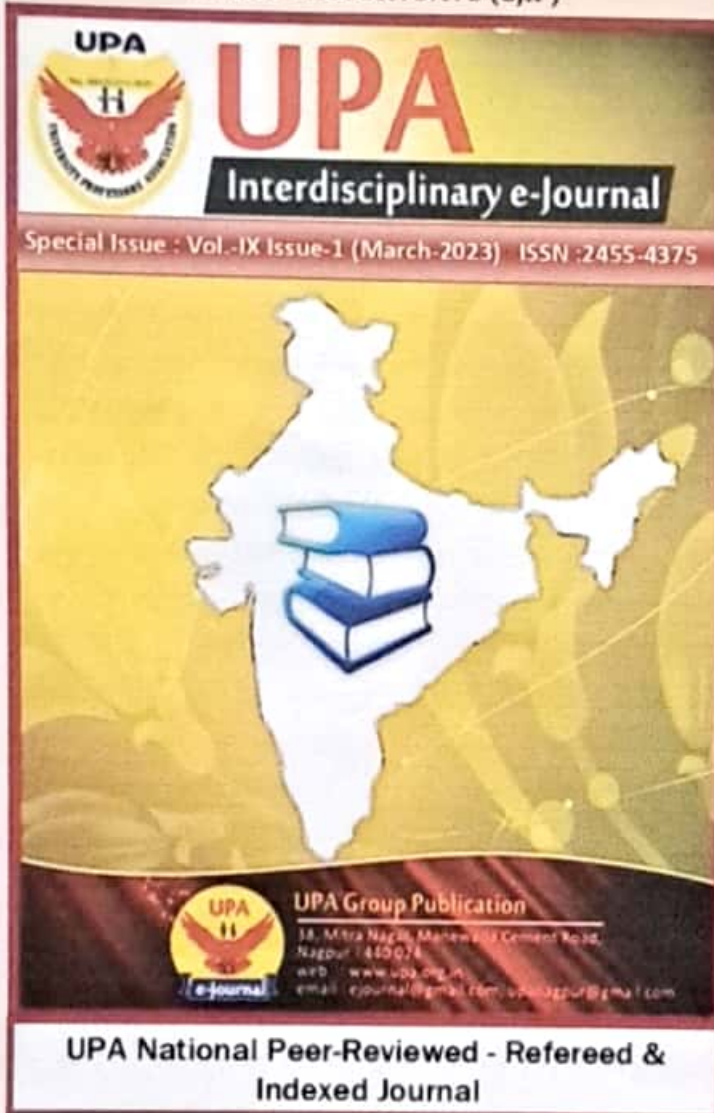
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लाखांदुर तालुक्यातील स्त्रियांचे आजार आणि आहार यांचा अभ्यास

प्रा.डॉ.अल्का दहीकर

य.चव्हाण कॉलेज लाखांदुर जि.भंडारा

(गृह अर्थशास्त्र विभाग प्रमुख)

प्रस्तावना :-

स्त्री समाज जिवनाचा अर्धा हिस्सा समाज निर्मातीत अत्यंत महत्वाची परंतु प्राचीन काळापासून आधुनिक काळापर्यंत उपेक्षित राहिलेली. परंतु आधुनिक काळात स्त्री ही पुरुषांच्या बरोबरीने आर्थिक जबाबदारी पेलायला घराबाहेर पडू लागली आहे. निसर्गात जे वात्सल्य, प्रेम, ममता, स्त्री ला मिळाली आहे. त्यांची बरोबरी पुरुष कधीही करू शकणार नाही. त्यामुळे स्त्री नौकरी व्यवसायात किंवा इतर उपक्रमामध्ये कितीही पुढे गेली असली तरीही स्वतःच्या कुटुंबाविषयाची जबाबदारी ती विसरू शकत नाही. प्रगत देश घडविण्यासाठी स्त्री ही शारीरिक तसेच मानसिक दृष्ट्या सुदृढ असणे अतिशय आवश्यक आहे.

पुरुषप्रधान संस्कृतीत वावरतांना अजुनही स्त्रिया स्वतःच्या प्रकृतीकडे दुर्लक्ष करतात. प्रकृतीची हेळसांड करतांना आणि नशिवाचे भोग म्हणून कित्येक दुखणी अंगावर काढतात. परंतु निरामय जिवन जगायचे असेल तर त्यांनी कुटुंबातील आपले स्थान ओळखून दवून न राहता आपल्या शारीरिक दुखण्याची योग्यवेळीच दखल घेतली पाहिजे. यासाठी स्त्रियांना आपल्या शरिराची आणि त्याला ग्रामु शकणाऱ्या दुखण्याची तोंडओळख असेल तर अज्ञानापोटी भोगावे लागणारे भोग त्या सहज टाळू शकतील. यासाठी तीने स्वतःच्या आरोग्याची काळजी घ्यायला हवी.

जागतिक आरोग्य संघनेने आरोग्याची फार समर्थक व्याख्या केली आहे. आरोग्य म्हणजे केवळ आहाराचा अभाव नव्हे तर संपूर्ण शारीरिक, मानसिक आणि सामाजिक स्थिती उत्तम अवस्थेत असणे आणि रोगमुक्त असणे यालाच आरोग्य म्हटले जाते.

आरोग्य हे अन्नावर योग्य निर्भर असते. म्हणून उत्तम पोषण स्वास्थाची मुलभूत बाब समजली जाते ज्या प्रकारचा आहार मिळेल त्यावर शरीर सौणव आणि आरोग्य अवलंबून असते. यासाठी योग्य आहार आवश्यक असतो.

अशाप्रकारचा सामान्य आहार स्त्री पुरुष दोघांनाही आवश्यक असतो. परंतु अजुनही ग्रामीण भागात पुरुषाबरोबर स्त्रियांना महत्व दिले जात नाही. पुरुष हा कमावणाग कुटुंबाचा कर्ता म्हणून त्याला अन्नाचा जास्तीत जास्त वाटा दिला जातो. तसेच मुलीपेक्षा मुलांनासुध्दा जास्त आहार दिला जातो. कौमार्यावस्थामध्ये मुलीची मासिक पाळी सुरू होत असल्यामुळे उलट या वयात तिला सकस आहाराची गरज असते. परंतु आपल्याकडे अजुनही बऱ्याच कुटुंबांत मुलीला अपुग आहार देण्याची चुकीची पध्दत रूढ आहे. त्यामुळे तिच्या वाढीवर परिणाम होतो.

तिला अशक्तपणा, रक्तशय्य यासारख्या आजारांचा त्रास होऊ लागतो. त्यामुळे पुढे गर्भारपणात गर्भाच्या वाढीवर अनिष्ट परिणाम घडून येऊ शकतात. या वयात मुलीची अंतर्बाह्य वाढ अधिक जोमाने होत असल्यामुळे तिला सकस आणि सुदृढ आहार द्यायला पाहिजे.

स्त्रियांचे स्वास्थ्य :-

स्त्रियांचे स्वास्थ्य म्हणजे कुटुंबाचे स्वास्थ्य स्त्रिचे स्वास्थ्य बिघडल्यास कुटुंबाच्या दैनदिन नियमितेवर





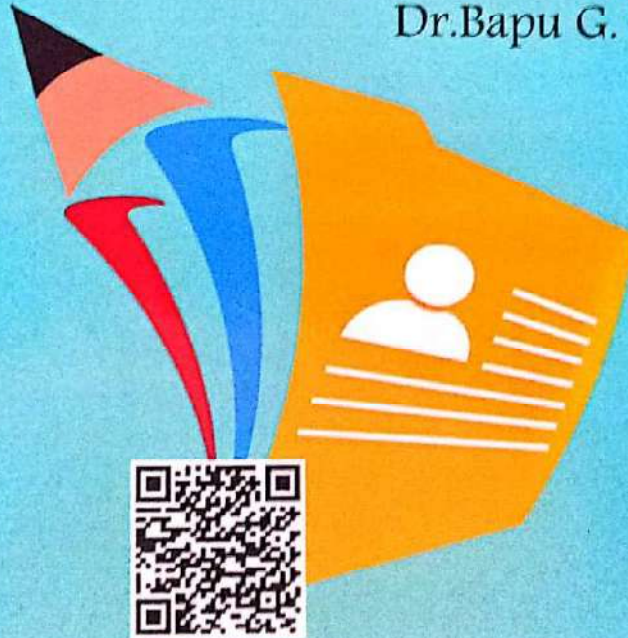
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Entrepreneurship and Rural Development

Dr. Vinod Barde

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Y.C.College Lakhadur, Dist-Bhandara

Abstract: India is the Village Nation. More than 70 percent population residence in the village. Rural economy depends on the agricultural sectors. Agriculture produce contributes of nearby 20 percent of gross domestic product (GDP) in India. To rise our agriculture productivity & our economy we must to develop rural areas. Agriculture sectors have insufficient of employment. That's reason people are suffering the unemployment, poverty, migration. Rural entrepreneurship play the importance role in the creation of the employment and reduced level of poverty. Government also promotes and motivates to new entrepreneur to start self-employment through the Start-up scheme, MUDRA scheme, and Skill Development program etc. Rural entrepreneurship development facing many problems because unviability of capital, lack of literacy, lack of technical education. In this research study to attempt to know the importance and problems of the rural entrepreneurship.

Keywords: Rural Area, entrepreneurship, youth, village, unemployment.

Objectives of the Study:

1. To know the meaning of entrepreneurship.
2. To know the importance of the rural entrepreneurship.
3. To study the problems of rural entrepreneurship.

Research Methodology: The present study is based on the secondary data in the descriptive nature. The data were collected from articles,

books, journals, websites and government publications.

Introduction: India is a nation of villages. Nearby 75 percent of India's population are living in rural areas out of which $\frac{3}{4}$ of the labour force is still earning its source of revenue from agriculture and its allied activities. Land being inadequate is incapable to engage the labour force in agriculture. Long time before rural region was create many employment through subsidiary industry of agriculture. But now that industry breakdown after new era of globalisation. Due to the absence of traditional industries in rural areas, the population here is completely dependent on agriculture. But due to the burden of additional population on agriculture, the rural economy seems to have collapsed. Earlier in the rural areas real income increased due to agriculture based industries and all family members working in agriculture. The result of the change over time is that unemployment and poverty have increased to a great extent. As a result, population migrates to rural areas in search of employment. The visible result of this is that many people have returned to the villages during the corona period, so to be seen that there is a real need to provide new employment in the rural areas. Start-up scheme, Mudra loan, entrepreneurship training and mentoring as well as help to the budding youth are being provide through the government. Therefore, many young people are creating self-employment by creating new industries without going back to work. The Prime Minister of India has announced start-up India Scheme in the independence programme speech, in order to promote the Entrepreneurship. The action plan of this initiative is focusing on three areas viz. simplification and handholding, funding support and incentives, industry-academia partnership and incubation. In an effort to support rural entrepreneurs of India, the Centre would think of giving low interest rate loans under the Micro Units Development through MUDRA

साहित्य में राष्ट्रबोध के स्वर

सम्पादक

डॉ. एकादशी जैतवार-भैरम

प्रा. जागृति मनोज सिंह



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भारतीय स्वातंत्र्यलढ्यात सयाजीराव गायकवाड यांचे योगदान

प्रा. भोजराज व्ही. बोदेले

स्वातंत्र्यपूर्व काळात भारतात साडेपाचशेहून अधिक लहान-मोठी संस्थाने राज्य होती. या संस्थानातील बहुतांशी राजे आपल्या ऐश्वर्याच्या डामडौलात मशगूल राहून सार्वभौमसत्तेचे नम्र मांडलिकत्व सिद्ध करण्यासाठी धडपडत होते. याउलट एकट्या सयाजीराव गायकवाडानी राष्ट्रीय चळवळीला आणि क्रांतीकारकाना उघडपणे मदत केली. आयुष्यभर त्यांनी ब्रिटिश सत्तेशी हिमतीने संघर्ष केला. सयाजीराव गायकवाड यांचे बडोद्यातील प्रशासन, सामाजिक सुधारणा ब्रिटिश प्रशासनापेक्षा चांगल्या होत्या. अशी तुलना होऊ लागली. ही गोष्ट ब्रिटिश सरकारला न आवडणारी होती. राष्ट्रवादी विचाराचे जहाल क्रांतीकारक अरविंद घोष यांना महाराजांनी बडोद्यात नोकरीस बोलावले. त्यांच्या सोबतच खासेराव जाधव, बॅ. केशवराव देशपांडे या महाराजांच्या अधिकाऱ्यांची साथ मिळाली. बडोद्यातील मानिकरावांचा आखाडा देशभरातील क्रांतीकारी चळवळीचा अड्डा बनला लोकमान्य टिळक, लाला लचपतराय या राष्ट्रीय चळवळीच्या मंडळीचे बडोदा केंद्र बनले. या चळवळीला या मंडळीच्या माध्यमातून सयाजीराव गायकवाड यांचा आश्रय आणि मदत मिळू लागली. ही गोष्ट ब्रिटिश सरकारच्या नजरेतून सूटली नाही. हिंदूस्थानचे सी. आय. डी. प्रमुख सी. आर. क्लीव्हलॅंड यांच्या मार्गदर्शनाखाली हेरांनी माहिती जमवून वरीष्ठ सरकारला पाठवू लागले. गव्हर्नर जनरल कडून लंडन भारतमंध्यांना सयाजीरावांच्या देशद्रोहाचा अहवाल जाऊ लागला. येवढे असून सुद्धा सयाजीराव गायकवाड ब्रिटिश सरकारला घाबरले नाही.

स्वातंत्र्यलढ्याचे पाठीराखे महाराज सयाजीराव गायकवाड यासंदर्भात काही ठळक मुद्दे खालीलप्रमाणे पहाता येतील

1. बडोदा: ब्रिटिश सरकारचा मित्रत्वाचे करार : ईस्ट इंडिया कंपनीने भारतात अनेक संस्थाने, राजे, सरदारांना नमवून त्यांच्याशी मांडलिक रूपाने तहनामे केले. यात राजपूत, ग्वाल्हेरचे शिंदे, इंदूरचे होळकर, कोल्हापूरचे शाहू व इतरही संस्थानाचाही



Ethnomedicinal Review on *Cassia fistula* L.

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ABSTRACT

Cassia fistula is the medicinal plant which is used in Ayurveda, Unani and traditional medicine since long time. The plant parts of the species used for the treatment of around more than forty diseases. Almost every Indian knows this species and it is commonly used in traditional medicine. People of India have great knowledge about this species. The present review compiled the ethnomedicinal data concern *Cassia fistula* which will be helpful for Indians, other than Indians as well as researcher communities those are involved in research of pharmacognosy, phytochemistry, phytomedicine and phytonutraceutical industries.

KEY WORDS

Cassia fistula, traditional medicine, ethnomedicine

INTRODUCTION

Cassia fistula L. is the ethnomedicinal plant which belonging to family Leguminosae. Some synonyms are as follows, 1. *Bactrylobium fistula* Willd, 2. *Cassia bonplandiana* DC, 3. *Cassia excelsa* Kunch, 4. *Cassia fistuloides* Collad., 5. *Cassia rhombifolia* Roxb., 6. *Cathartocarpus excelsus* G. Don, 7. *Cathartocarpus fistula* Pers., 8. *Cathartocarpus fistuloides* (Collad.) G. Don, 9. *Cathartocarpus rhombifolius* G. Don. Golden shower, purging cassia, Indian laburnum, pudding- pipe tree are the English names of this species. In Sanskrit, it is known by names vyadhighat, nripdrum, Aaragwadh and Karnikar. In Hindi, it is known by name as Amaltas and in Marathi by Bahawa.



Flowering and Fruiting

MATERIAL AND METHODS

Literature survey was carried via Google search engine. Related research papers were downloaded and scrutinized and shortlisted. All shortlisted 51 relevant articles directly reported traditional and ethno medicinal uses were finalized for the study. Articles were screened and studied for this investigation.

BOTANICAL DESCRIPTION

Trees, about 8- 10 m tall. Leaflets 4-8 pairs, 5.0-12.5 x 2.5-6.0 cm, ovate. Flowers yellow, in 24-40 cm long, lax, drooping racemes. Pods 2.0-2.5 cm across, indehiscent. Seeds numerous, embedded in dark coloured pulp. Fls. & Frts. : April- October¹.



A STUDY ON MULTIFUNCTIONAL APPLICABILITY OF CARBON NANOTUBE, GRAPHENE AND THEIR COMPOSITE

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ABSTRACT:

Carbon based materials such as carbon nanotube and Graphene is one of the most promising materials in the field of nanotechnology and which has attracted a tremendous amount of research in the last few years. Because of its high surface to volume ratio, high electrical conductivity, high mechanical strength, high thermal conductivity, high electronic mobility, and high chemical stability. dew to such property CNTs and GNS is extremely attractive materials. In this review paper we are studied about multifunctional applicability about carbon nanotube and graphene and their composite with various semiconducting metal oxides such as ZnO, TiO₂, SnO₂, CuO, ZnS, etc and conducting polymers such as polyaniline (PANI), etc and studied there applicability in various filed such as gas sensors, bio sensors, supercapacitors, photocatalysis activity and many biological applications.

Keywords :- Carbon nanotube, Graphene, nanotechnology, semiconducting metal oxides, conducting polymers.

INTRODUCTION :

Carbon is an IV group of element. Carbon is known to be associated with its rich and diverse form of chemistry. Carbon atoms participate in the formation of a great number of molecules. carbon nanomaterial's have a unique place in Nano science due to their exceptional electrical ,thermal, chemical, and mechanical properties; which have applications in various areas such as composite materials ,energy storage conversion ,sensors, drug delivery, field of emission devices, and Nano scale electronic devices. development of nanofabrication techniques and nanomaterials that have progressed within the last two decades, graphite is now being actively used as a starting material to engineer various types of carbon-based nanomaterials (CBNs), including single or multi-walled nanotubes, fullerenes, nanodiamonds,

and Graphene. In the last few years, study of carbon based nanomaterials have become the most studied for developing of gas sensors, biosensors, supercapacitors , photocatalytic activity , photoluminescence and lithium ion battery etc. carbon nanomaterials are used Specially because of their outstanding and remarkable physical and electrical properties. carbon nanomaterials e.g., carbon black (CB), fullerene, carbon fiber (CF) , carbon nanotubes (CNTs) and graphene(GNS)(fig 1) Graphene and CNTs are allotropes of carbon. Graphite is a multilayers form of carbon. Graphene is a single layer of graphite and it is 2 dimensional and when graphene is in cylindrical form then it is called as carbon nanotube ,this are obtained in single layer and multilayer form and it is 1 dimensional nature which have received a great covenant of attention as materials, With



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Editors Message...

In globalised era Higher Education Plays very crucial role in Development of Nation, as it empowers the individuals with necessary competence for achieving important personal, social and higher level of professional goals. Its importance depicted by words of first Prime Minister Jawaharlal Nehru "A university stands for humanism, for tolerance, for reason, for the adventure of the ideas and for the search of truth. It stands for onward march of human race towards even higher objectives. If the universities discharge their duties adequately, then it well with the nation and the people". India's higher education system is the world's third largest in terms of students, next to China and the United States. Policies and approach adopted by Indian government after implementation of economic reforms are not favorable to the higher education. Since the reforms period there has been a continuously decline in the budgetary allocations made by the government to fund higher education in India. Present paper aims to find out new trends in higher education in India. Paper also discusses various challenges in the field higher education in India.

India has the largest higher educational system with respect to the number of institutions. After the independence of the country, the state and central governments have given great attention to the development of higher education. As a result, the system of higher education in India has seen an impressive growth in terms of a number of universities and colleges. The share of the unaided private sector has increased significantly since 2001 in terms of the number of institutions and enrollment. Indian higher education System comprises three stages – under graduate level, post graduate level and doctorate level. The Ministry of Human Resource Development (MHRD) is highest body of Governance which is responsible for supervising the higher education system through UGC. Higher education in India has expanded rapidly over the past two decades. This growth has been mainly driven by private sector initiatives. India's Higher Education sector has witnessed a tremendous increase in the number of Universities/University level Institutions & Colleges since independence Indian higher education presently includes 892 universities out of which 48 central universalities, 394 state universities, 125 deemed universities and 325 private universities. Apart from the above universities, other institutions are granted the permission to autonomously award degrees. However, they do not affiliate colleges and are not officially called 'universities' but 'autonomous organizations' or "autonomous institutes". They fall under the administrative control of the Department of Higher Education. These organizations include Indian institute of Technology, Indian Institutes of Management, National Institute of Technology and All India Institute of Medical Sciences.

Dr. Bapug Gholap

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VIDYAWARTA

Joshua's Gabbilam: A Voice against Untouchability and Indian Caste System

Dr. Virendra B. Turkar

Assistant Professor of English,
Yashwantrao Chawhan Arts, Commerce &
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Abstract:-

The present paper aims at critically studying the pathetic condition of the downtrodden with a special focus on Gurram Joshua's efforts to raise their voice against unjust untouchability in his great epic poem Gabbilam with the help of its translated versions in English penned by Madhav Rao and Chinnaiah Jangam. It's a sad tale of the woes and worries of the people belonging to lower castes and being suppressed since ages by the upper caste men. The poet deftly selects the bird Gabbilam (bat) symbolizing the predicament of untouchables in India as a principal figure for his noted poetic venture. The bird is shown carrying the message of the suppressed to the lord Shiva with a fervent appeal for the eradication of untouchability and the restoration of the freedom to the oppressed people from the age old cruel clutches of caste and religion based discrimination for the welfare and development of the nation.

Key Words:- Gabbilam, untouchability, discrimination, upper caste, lower caste, caste system
Introduction:-

Gurram Joshua's 'Gabbilam' is regarded as the epic of downtrodden communities in India because it speaks about the pains and agonies of the people who were suppressed over ages. He cleverly uses the bird bat, which is

considered ominous by Hindus, as the messenger of subaltern classes of India, especially the Dalit people in the context of Joshua's 'Gabbilam'. Unlike the auspicious and privileged birds such as swan, peacock, parrot, pigeon, the poet opts the inauspicious bird bat having nocturnal movements and the one that hangs upside down indicating the inner and implicit motive of Joshua to invert the traditional cultural and social hierarchy which had been responsible for the suppression of untouchables. 'Gabbilam' was inspired by Kalidasa's noted epic 'Meghdoota' in which the principal character of Yaksha chose cloud to be his messenger to his beloved, from whom he had been separated by the curse of his master for a short period of one year. On the contrary, the untouchables have been deprived of their right to live as human beings with equal status and opportunities for several centuries and even today continue to suffer at the hands of privileged sections of the society. The poet tries to present the contrast between the malediction of a year for Yaksha and that one of awfully long-long span for the downtrodden people. Chinnaiah Jangam talks about this analogy in similar tone in his translated version of Joshua's 'Gabbilam' as:

Gabbilam means bat. Jangam continues, "Jashuva read Meghaduta and he inverted it." Kalidasa had chosen the cloud to be the messenger of the Yaksha pining for his beloved. Jashuva chose the bat to tell the story of Dalit life to India standing on the threshold of Independence and to the maker. The lines run thus: "When you hang upside down inside the temple/ You will be closer to the ear of the God Shiva/ Make sure the priest is not around/When you recount the story of my life." But Gabbilam's protagonist, the Dalit, is a heroic figure. In the preface to Part I, Jashuva writes, "The protagonist in Meghaduta was sentenced to one year, but my hero was sentenced from birth without any end for generations.¹

Gurram Joshua's "Gabbilam" is a mod-

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Layered Double Hydroxide-Multi functional Nanomaterials to remove Heavy metals.

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Abstract

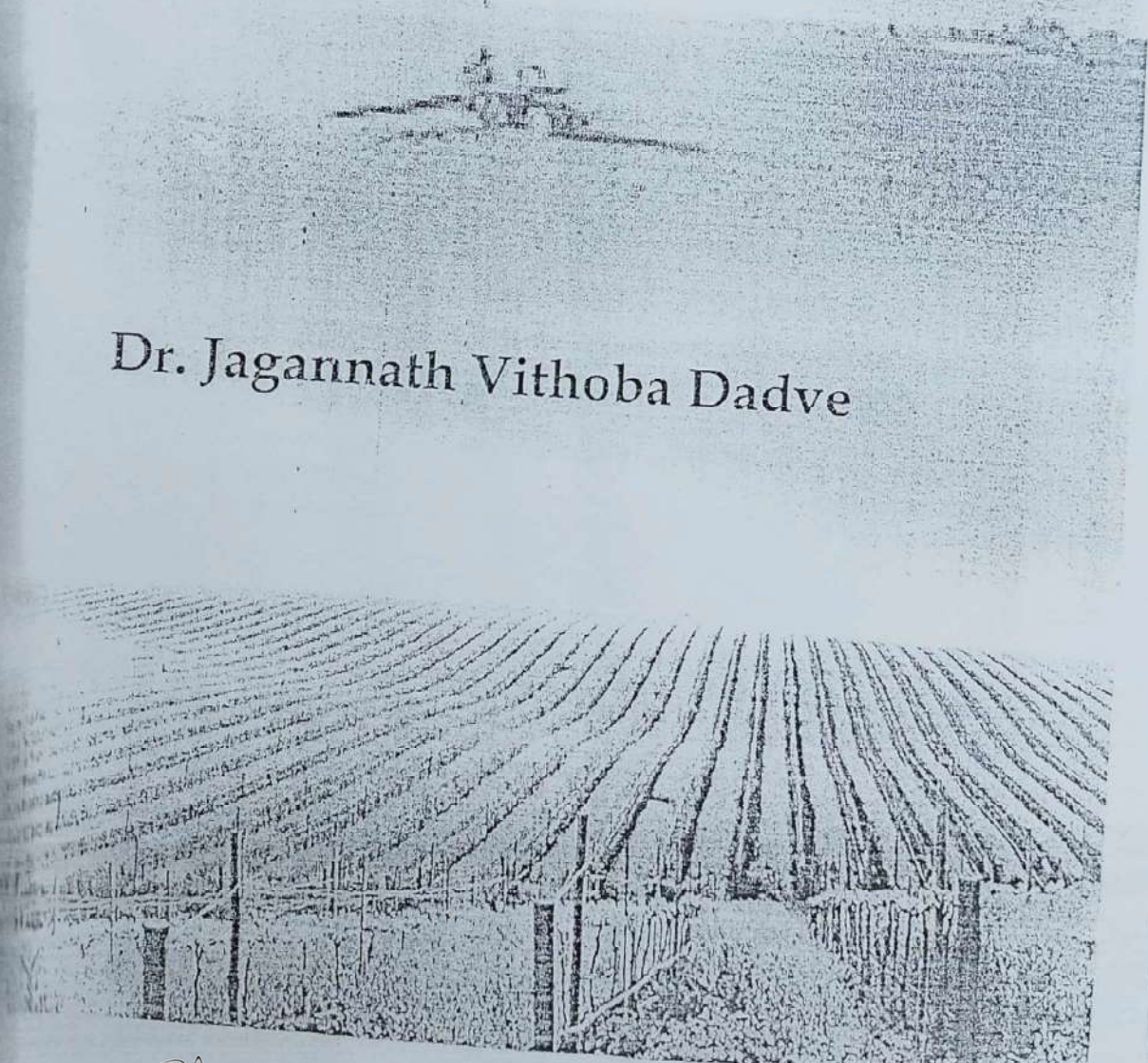
Layered double hydroxide are multipurpose and growing class of two dimensional inorganic layered Nanomaterials, also known as hydrotalcite like compounds are well known for their strange character including modifiable composition, simple synthesis procedures, stability, large surface area, and formation of various nanocomposites that conferred LDH's significant adsorptive capability towards elimination of heavy metals (pollutant) from environment. The High-valence heavy metals with high ecotoxicity are generally found in water in the form of anions, and this increases heavy metal pollution intensity and treatment difficulty. Sorption by layered double hydroxides Nanomaterials (LDHs) and precipitation in alkaline media are two of the main remediation techniques for remove these heavy metals. This chapter focused on different technique use for synthesis of layered double hydroxide, Various LDH Nanomaterials to removal of heavy metals ion from environment, we discussing the adsorption mechanism of LDHs on heavy metal anions, as well as the current state of research and future directions for microscopic interaction mechanisms.

Keywords:- Hydrotalcite, Nanomaterials, Heavy metals, Adsorption.

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AGRICULTURAL GEOGRAPHY

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होता त्यामध्ये क्रांतीसिंह नानाचा सहभाग घेतला होता. त्यांचे वक्तृत्व अत्यंत प्रभावी होते. ग्रामीण समाजात लोकजागृतीचे कार्य त्यांनी अतीशय प्रभावोपणे केले अनेक जनआंदोलनात भाग घेऊन कारवासही भोगला होता. भारताच्या लोकसभेवर इ.स. १९५७ व इ.स १९६७ मध्ये अशी दोन वेळा निवड झाली होती. इ.स १९७६ मध्ये नानांचे निधन झाले.

संदर्भ ग्रंथ :-

- १) महाराष्ट्रातील समाजसुधारक, संत, साहित्यिक आणि थोर भारतीय विचारवंत :- व्ही.एन.स्वामी, विद्याभारती प्रकाशन लातूर.
- २) अर्वांचौन भारताचा आणि चीनचा इतिहास :- डॉ. जयसिंगराव पवार, मंजूश्री प्रकाशन, कोल्हाूर.
- ३) आधुनिक भारताचा इतिहास :- डॉ. प्र.न.देशपांडे विद्या चूक्स पब्लिशर्स औरंगपूरा, औरंगबाद.



समाज सुधारक महात्मा जोतीराव फुले

प्रा. भोजराज व्ही. बोदले

यशवंतराव चव्हाण कला, वाणिज्य व विज्ञान
महाविद्यालय लाखांदूर, जि. भंडारा

प्रस्तावना

आजच्या बदलत्या सामाजिक व सांस्कृतिक समाज वास्तवात महात्मा फुल्यांच्या प्रज्ञा व प्रतिभाकडे विचार साहित्याचा अभ्यास व चिकित्सा आज अनेकांथानी अनिवार्य ठरली आहे. जोतीबांच्या विचार-आचार, उक्ती-कशती, वाणी-लेखणीत प्रचंड सामर्थ्य आहे. जोतीबा फुले यांचे कार्य भारतीय समाजामध्ये हिमालयापेक्षा उतुंग व महासागरापेक्षा अथांग आहे. वास्तविक पाहता देशप्रांत, जातपात, धर्मग्रंथ, पक्षविपक्ष, भाषासंस्कृति इत्यादी मानवनिर्मित कृत्रिम भेदाभेद बाजूला सारून निखळ वस्तूनिष्ठ व व्यक्तिनिरपेक्ष दृष्टीने महात्मा फुल्यांच्या कार्याकडे तत्कालीन संदर्भात बघावे म्हणजे जोतीबांच्या दैदीप्यमान कार्यामुळे आपले डोळे दिपून जातील. यात काही शंका नाही.

एकोणिसाव्या शतकातील सामाजिक-सांस्कृतिक प्रबोधनाची समस्त उर्जाच जोतीराव फुल्यांच्या सामाजिक व वाङ्मयीन कर्तृत्वात एकवटलेली आहे. मूलगामी समाजक्रांतीचे तत्वात, स्त्री-शुद्धातिशुद्ध बहुजनांचा कैवारी, आधुनिक इहवादी निष्ठा, विवेक निष्ठ मूर्तिभंजन, सर्वधर्मी समभाव प्रखर समष्टिभाव आणि विशाल मानवतावादी दृष्टिकोण ही जोतीराव फुल्यांच्या युगंधर व्यक्तिमत्त्वाची प्रमुख वैशिष्ट्ये आहेत. त्यांची प्रखर कृतिशीलता हा तर त्यांच्या व्यक्तिमत्त्वाचा अनन्य विशेष होतो.

भारतात शांती-सुव्यवस्था नांदावी आणि देशातील सर्व समाजाची सर्वांगीण उन्नती होऊन, देश



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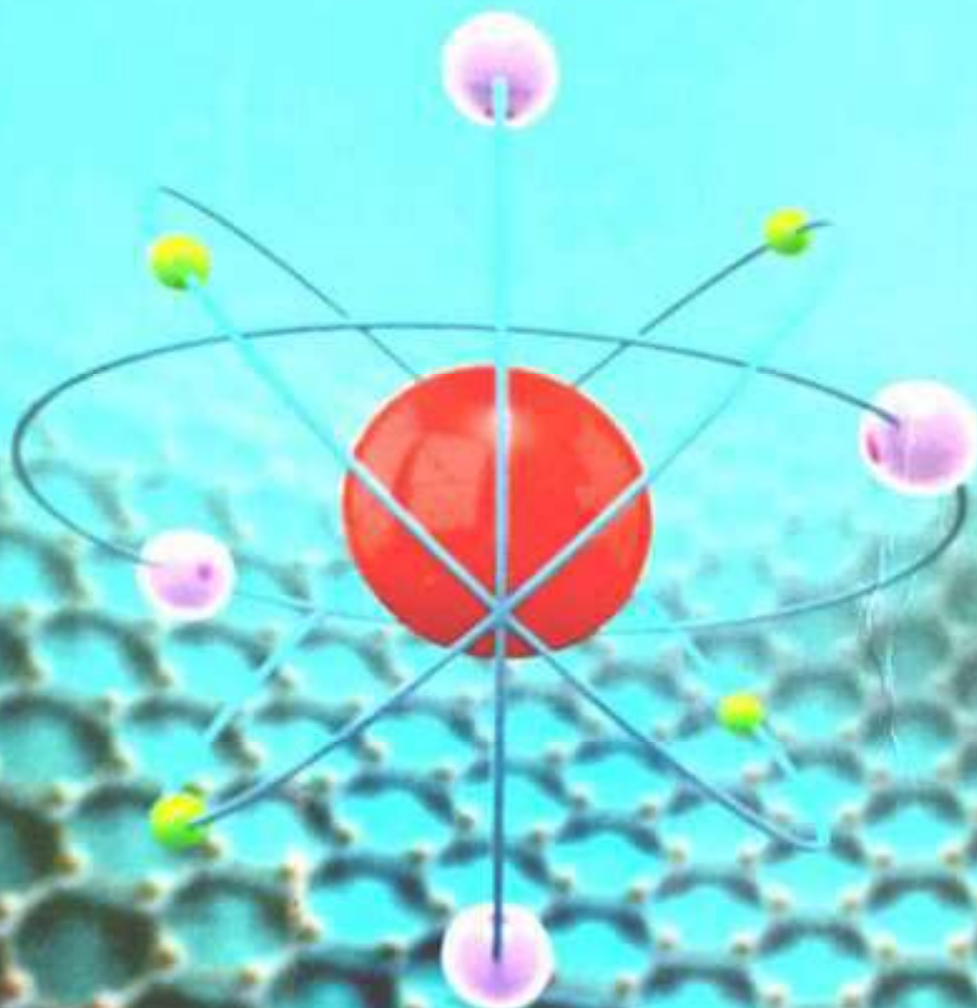
**GITHA HARIHARAN'S NARRATIVE TECHNIQUE IN 'THE THOUSAND FACES OF NIGHT' AND 'THE GHOSTS OF VASU MASTER'****DR. RAKESH VISHWANATH TALMALE**Assistant Professor in English,
Yashwantrao Chawhan Arts,
Commerce & Science College,
Lakhandur, Dist- Bhandara.**ABSTRACT**

The eminent Indian writer Githa Hariharan got enormous encouragement from her predecessors and wrote one novel after another of enduring quality. Githa Hariharan is post-colonial novelist alive to contemporary reality and thought. Her novels are purposeful and thought provoking. The present work, "Githa Hariharan's Narrative Techniques in 'The Thousand Faces of Night' and 'The Ghosts of Vasu Master'" is an in-depth study of her narrative technique which embarks her ideas and philosophy of life. Her narrative technique emancipates Indian scenario, atmosphere and feeling that openly shine on the global horizon of the popular genre. Literature is reflection of life. All genres of literature are embarked on revealing life one way or another. Novel is generally considered as a "long narrative in prose detailing the actions of factious people" (Williams, 1972). In a way, more than a prosaic description of persons, events or incidents, it is a lively composition of the same with the perfect blending of fact and fiction. The depiction of all such events and characters through a cohesive whole can guarantee lasting success for the writer and his work. The required organic unity among various characters, events and dialogues can be achieved through perfect narration. The art of narration pertains to two basic queries- 'what' and 'how'. 'What' part of narration discusses the various recurrent themes at length. In the present work, a study is undertaken to elaborate in details the 'how' aspect of narrative technique. As the realm of narrative technique is quite vast and endless, an attempt is made to limit the study to the use of various modes like humour, simile metaphors, irony, symbolism, personification, repetition etc. as found in the two novels of Githa Hariharan.

Keywords - Narrative, Genre, Humour, Simile, Metaphor, Irony, Symbol.**I) Humour**


Humour is useful tool in the hands of a skillful artist to shape his plot in an interesting manner. According to Carlyle, "Humour is sympathy with the seamy side of things." It is sympathetic appreciation of the comic. Among the early exponent of the humour, Geoffrey Chaucer stands out as the best among his lot. However, among the novelists of the later years, Charles Dickens is incomparable; his humour becomes more mature when he depicts the human follies and foibles, inconsistencies and incongruities. In fact, as a humorist, he stands

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Application of Carbon Based Nanomaterials: A Review

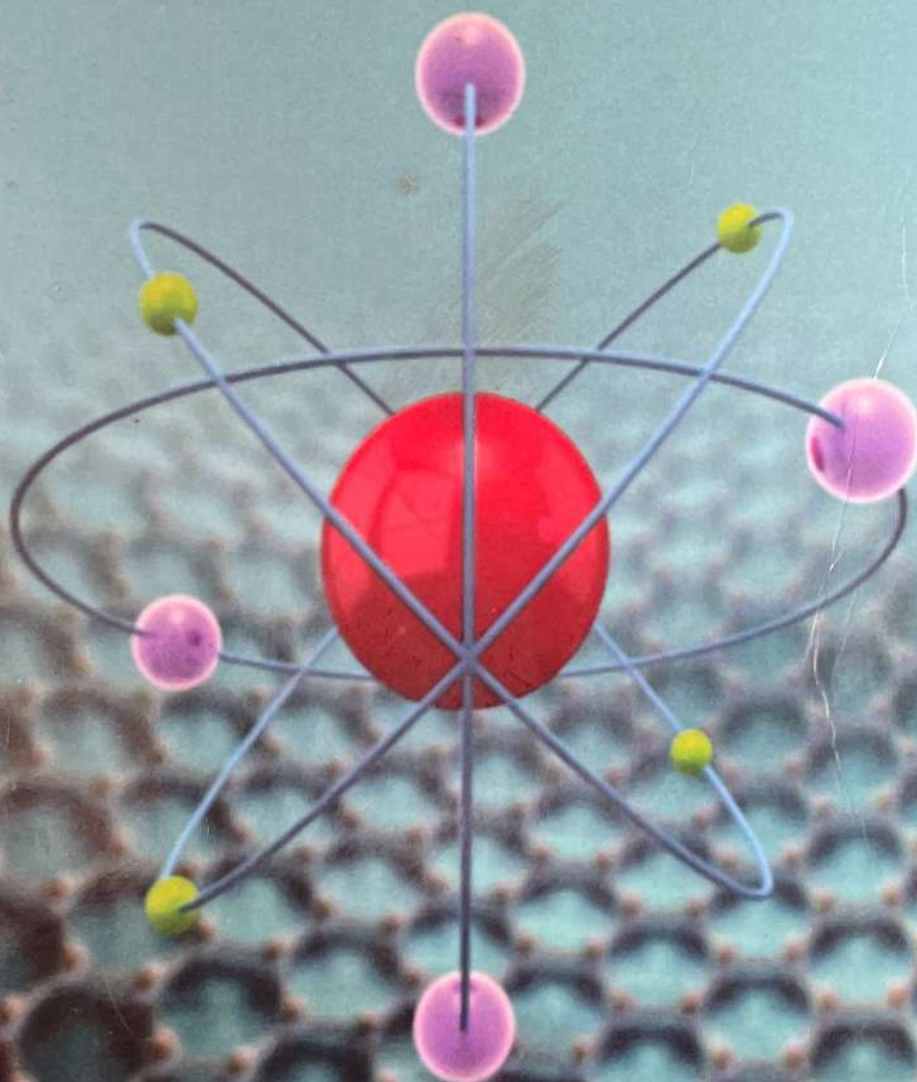
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Abstract:- Recent years nanotechnology is a flourishing area in research work and received prodigious interest due to applications in various fields. Nanotechnology is the branch of science and technology and deals with the fabrication of nano-size substances, characterization and their applications. Nanotechnology is a developing field that brings materials into the nanoscale level i.e. Nanomaterials and they have shown to have a wide range of applications. However, a marked and rapid growth of interest has been shown by the scientific and engineering communities in the carbon-based nanomaterials. They are challenging due to their superior behaviors and interesting applications over other materials. Nanocarbon included carbon dot, carbon nanotube, and grapheme. Carbon dots (CDs) by their unique structure and fascinating properties, they have various application such as solar cells, drug delivery, biological sensing, and photo catalysis. Carbon nanotubes (CNTs) are cylindrical molecules that consist of rolled-up sheets of single-layer carbon atoms. They can be single-walled (SWCNT) and multi-walled (MWCNT) structure. They have been applicable for absorbents, electronics, biosensing, and chemical sensing. Grapheme has applications in the energy, construction, health, and electronics sectors. Carbon-based nanomaterials have gained tremendous attention in the scientific community for their potentials application in all fields in current scenario.

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Nanofillers-Bio Source Rubber Nanocomposites

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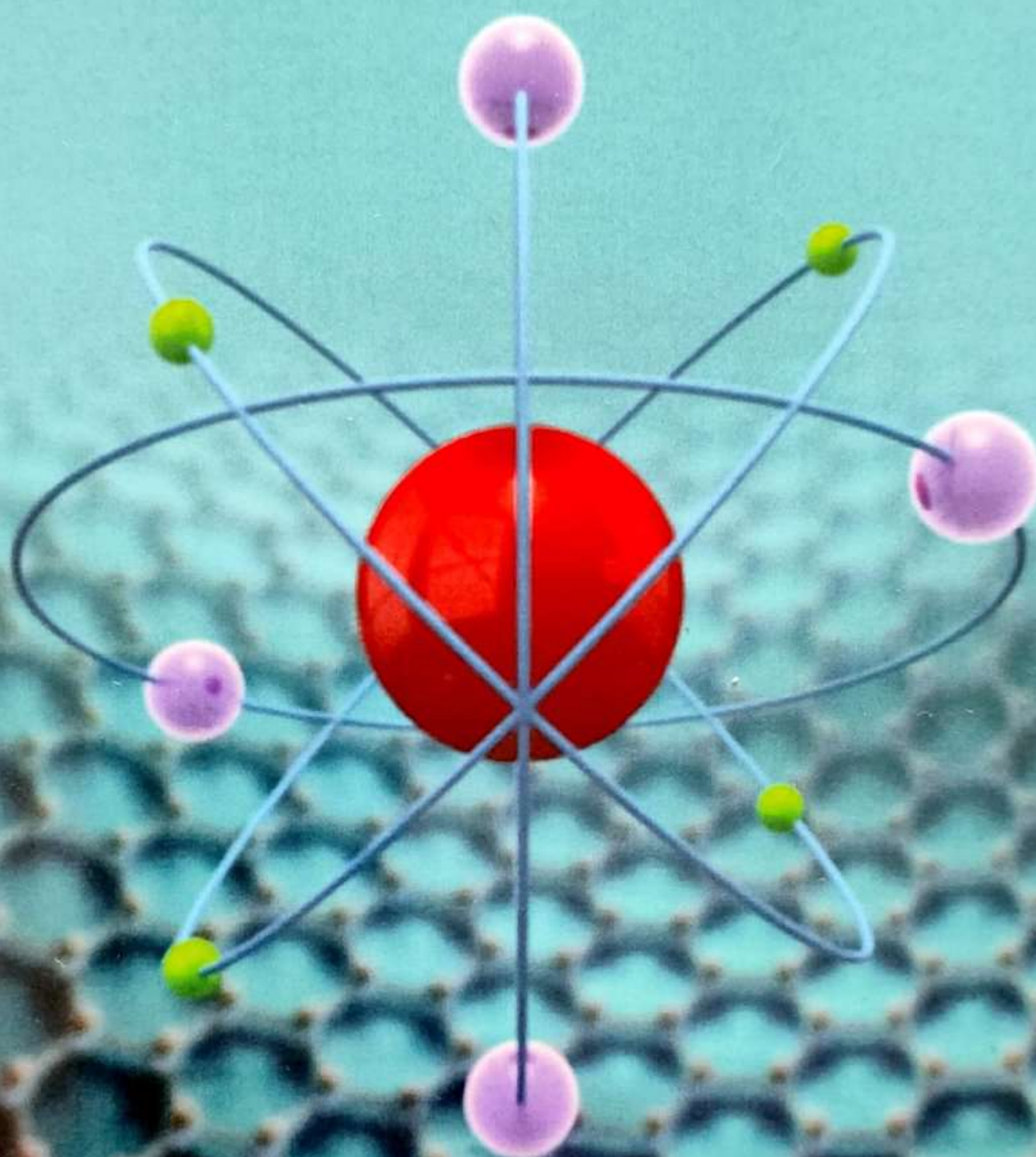
Abstract:

Elastomers are unusual types of polymeric materials with some distinct properties like elasticity, flexibility, and hardness. Elastomeric materials such as Natural rubber, Synthetic rubber and other polymeric materials like thermoplastic elastomers are known to everyone. Rubber compounding involves the different properties and applications of rubber and additives, such as filler, accelerators, activators and curing agents in proper proportions to get a regular mixture that will have desirable properties to encounter processing at cheapest cost and get good results. Nanofillers are generally used in rubber compounding to enhance the properties of rubber. Over the past few years rubber nanocomposites seemed to be discussed by scientists that believe in the number of different nanofillers such as carbon based reinforcing, hybrid nanofillers and bio-sourced nanofillers. The hybrid nanofillers coordination favors effective dispersion without destroying nanoparticles structures, leading to improved percolation threshold and better properties of the ternary nanocomposites. The bio-sourced nanofillers are based on plant fibers that reduce the compatibility with the rubber matrix. The smaller size of the filler improves the interaction between the filler and the rubber, and accordingly mechanical, thermal and environmental properties of nanofillers/rubber composites have been improved.




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Graphene; The Miracale Nanocarbon Material

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ABSTRACT

Graphene is an amazing material yet it was only discovered in 2004. graphene is a single thin layer of graphite, it is a soft flashy material used in pencil lead. Atom are arranged in a hexagonal arrangement, it is just a one atom thick and first 2-Dimensional material ever discovered .it is one of the thinnest materials and it was hundred times stronger than an equivalent weight of steel, it is an flexible as rubber and could stretch to 12% of its length. It is the hardest material even than diamond. Graphene takes on some miraculous properties such as high electrical, optical, and thermal properties, but the two-dimensional atomic sheet structure of graphene assists more diverse electronic characteristics. This material carries electricity more quickly, more precisely and more efficiently than any other known materials.it much better than silicon. Graphene due to its high electron mobility, mechanical/thermal stability, high surface area volume and capacitance, has been utilized in various applications. Graphene acts as a material for the future application of water purification, super capacitors, gas sensor and as a composite in antibacterial activity, solar cells and coatings. This paper discuss about various characteristics and properties of graphene and discuss their multifunctional applicability.

Key words:- Graphene, graphite, 2- Dimensional material, electronic characteristics, high surface to volume ratio



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EDITOR
R. K. SHUKLA

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PREFACE

The present book focuses on the development of theories and applications, and also promotes interdisciplinary endeavour among Basic Science.

The present volume is based on contributions made by various authors on the topics of their interest about "Recent Trends in the Basic Science" and introduces the subject along with the following topics: FIRST PRINCIPLES CALCULATIONS ON THE OPTICAL PROPERTIES OF AAA STACKED TRILAYER SILICENE,

GRADED RESPONSE ACTION PLAN (GRAP), DESIGN AND DEVELOPMENT OF COLPITTS OSCILLATOR USING NMOS TRANSISTOR IN THE FORM OF NANO TECHNOLOGY AND SOME AUDIO FREQUENCY RANGE, TIME SERIES ANALYSIS OF ATMOSPHERIC TEMPERATURE USING ARIMA MODEL, BLACK HOLES AND ITS DYNAMICAL CHARACTERISTICS, AN INNOVATIVE CIRCUIT TO DESIGN A LOW POWER CONSUMPTIONS HIGH SPEED CLASS -A AMPLIFIER, NITROGEN CONTAINING POTENT HETEROCYCLES: AN OVERVIEW, AIR QUALITY AND UNDERSTANDING THEIR ROLE IN ADVERSE HEALTH AND ENVIRONMENTS, A NEW REVERSIBLE 10*10 GATE AND ITS APPLICATION, ANALYSIS OF INDUSTRIAL PROSPECTS AND AVENUES EMPLOYING INTERACTIONS OF BIOPOLYMERS AND IONIC LIQUIDS, AN APPROACH ON NETWORK SECURITY WITH CRYPTOGRAPHY, A PRACTICAL APPROACH TOWARDS DETECTION OF FACE MASKS IN PUBLIC SECTOR.

So, the purpose of this book is to gather into one volume many of the topics.

We must place on record our sincere gratitude to the authors for their endless efforts in order to help the reader to build a high-quality book chapter.

We must place on record our sincere gratitude to the authors not only for their effort in preparing the papers for the present form, but also their patience in waiting to see their work in print. Finally, we are also thankful to our publishers for taking all the efforts in bringing out this volume in short span time.

Editor

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AIR QUALITY AND UNDERSTANDING THEIR ROLE IN ADVERSE HEALTH AND ENVIRONMENTS

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Abstract

Pollution is introduction of harmful substance or product into the environment. Air pollution is one of the biggest trends for the environment and effect everyone human being, plants, animals and aquatic ecosystem. Air pollution effect on global climate change due to increases of Co₂ and other greenhouse gasses. Polluted air in atmosphere such as Sulphur dioxide and nitrogen oxide particles in the air can create acid rain. Recently in India as due to rapid growth of industrialization, over population, vehicle emission and urbanisation, Air quality index (AQI) of most of the major cities has been rapidly increases and it becomes going to most hazardous situations. There are many pollutants that are major factors of disease in humans, Air pollution is one of them that causes major public issues such causing respiratory and cardiovascular diseases, asthma, bronchiolitis, cardiovascular events, central nervous system dysfunctions, cutaneous disease, reproductive, and lung cancer. Recent studies we have provided estimates of this environmental effect and effect on human health through correlations of air quality.

Keywords: Air pollution, environment, greenhouse gasses, climate change, air quality index, respiratory diseases.

Introduction

Now a day's human activities have an adverse effect on the environment by the air we breathe, polluting the water we drink and the soil in which plants grow. At the present day's air pollution is a major public issue. So, question is arising that, what means air pollution? Air is contamination of many chemical, biological and physical agents which contaminate or pollute the air are called air pollution. It is the world largest environmental health risk which is leading to the millions of death risk. In our earth atmosphere is consist of many particles and gasses such as Nitrogen 78 percent, Oxygen 21 percent, Argon 0.93 percent, Carbon dioxide — 0.04 percent (appro) and amounts of neon, helium, methane, krypton and hydrogen, as well as water vapour. Most of these gasses are not visible for our naked eye. an atmospheric gas, these gasses are polluted when they emitted by cars, power plants, industrial boilers, refineries, and other sources chemically react in the presence of sunlight. Toxious gases, which are include carbon dioxide, carbon monoxide, nitrogen oxides (NO_x), and sulfur oxides (SO_x), are components of motor vehicle emissions and by-products of industrial processes. It is now generally recognized that exposure to outdoor air pollution pays to a broad array of acute and chronic health effects, ranging from minor physiological effects to death from respiratory and cardiovascular syndrome. It is also recognized that the effects on human health are large and widespread [1]. Air pollution are from the combination of both unfavourable weather and high emissions. Air quality executes to protect public health through emission controls. The resulting developments in air quality may be controlled by changes in weather statistics, i.e., changes in climate [2] Air pollution hazards are normally enumerated for ambient household air pollution, particulate matter pollution and to a smaller extent tropospheric ozone. The main sources of ambient particulate matter pollution in India are residential and commercial biomass burning, industrial emissions, agricultural stubble burning,