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International Conference

Multidisciplinary (Arts, Commerce & Science)

on

Empowering Individuals for a Better Future

12th -14th May, 2023

Organized by:

ICFRE-Himalayan Forest Research Institute Shimla-HP
&
Science and Management Society, Himachal Pradesh



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This certificate is awarded to Prof./Dr./Mr./Ms. Sarita Bansal Dept of Public Administration
Designation Assistant Professor University/College/Institution Govt. P.G. College Nahan, 173001.
for delivering a Keynote Address/Invited Lecture /Chair/Co-Chair/Paper Presentation/Participation
Session/Titled " Role of E-Commerce, AI, and Robotics in Modern Society "

He got A grade and - award during this international conference.



Dr. Vikas Suman
Organizing Secretary



Dr. Pawan Kumar
Coordinator Conference



Dr. Anjna Thakur
Conference Director-I



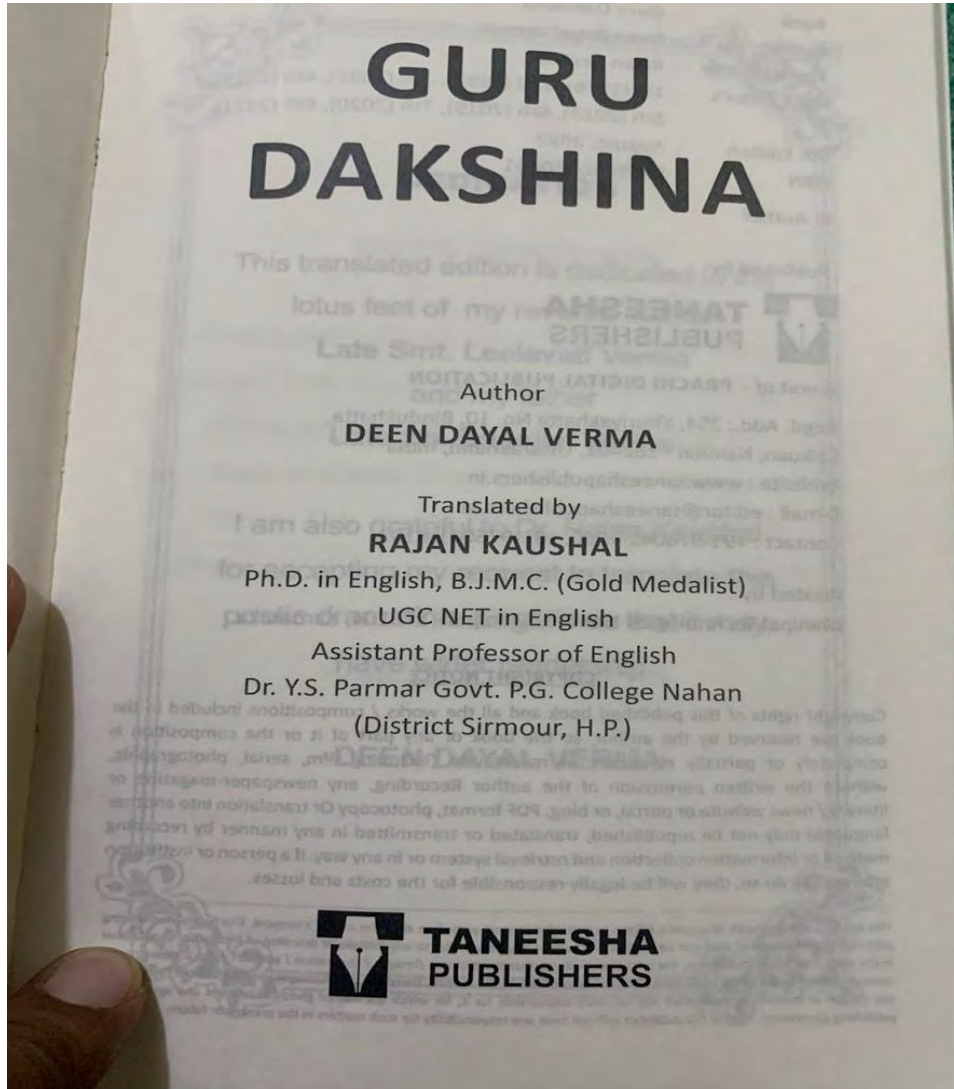
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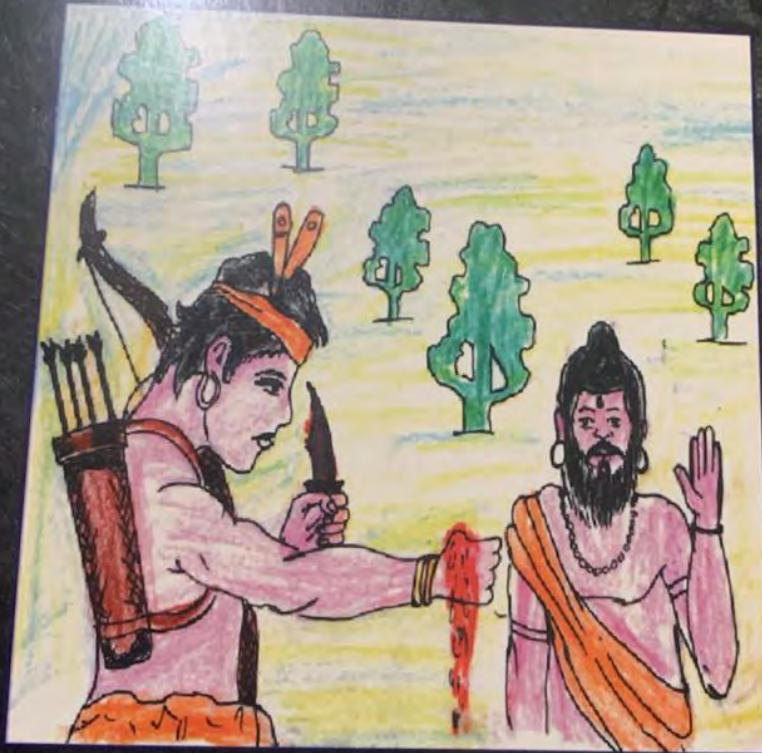


3. Dr. Rajan Kaushal

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GURU DAKSHINA



Author

DEEN DAYAL VERMA

Translated by

RAJAN KAUSHAL

... of ... titled 'Saanson Ki Sarkar' and the recently
published novel 'Janm' Quarter.

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Certificate

2nd International Conference on Multidisciplinary Academic Research and Innovation

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Amiruddaula Islamia Degree College, Lucknow

(Associated with University of Lucknow)

This is to certify that **Dr. SUDESH KUMAR**, DEPARTMENT OF PHYSICS, DR. Y S PARMAR GOVERNMENT P G COLLEGE, NAHAN, presented a paper (Oral) titled **SYNTHESIS, CHARACTERIZATION AND OPTICAL PROPERTIES OF $\text{Se}_{82-x}\text{Bi}_x\text{Te}_{18-y}\text{My}$ (M = Sb, Ag) THIN FILMS**. at 2nd International Conference on Multidisciplinary Academic Research and Innovation jointly organized by Aryabhat Institute of Academics and Research & Amiruddaula Islamia Degree College, Lucknow on January 28-29, 2023.

Er. Rashmi Jha
Director
Aryabhat Institute of
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Dr. Abdul Quayoum
Patron and Principal
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Dr. Manoj Pandey
Convener and Professor
J.N.P.G. College, Lucknow

Prof. Anshu Kedia
Co-Convener and Principal
Khun Khun Ji PG College,
Lucknow

- ii. Presented Paper on Human Values as a source of Sustaining Environment in Interdisciplinary International Conference on Ecology: Interpretations, Intersections and Interstices organized by Arya Kanya Mahavidyalaya Shahabad Markanda on 28.03.2023



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Department of English (SF)
Holy Cross College (Autonomous)
Nagercoil, Kanyakumari
Tamilnadu, India
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International Conference on Cultural Studies

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This is to certify that Vrinda Shandil, Assistant Professor, Dr. Y. S. P. G. P. G. College, Nahan, H. P, India has presented a paper titled A Feminist Analysis of Kamala Das' My Story in the Two Day International Conference on Cultural Studies Organised by the Department of English (SF), Holy Cross College (Autonomous), Nagercoil, Kanyakumari, Tamilnadu, India in collaboration with Cape Comorin Trust, India on 17-18 December 2022.

Ms. M. Maria Helen Janoba
Convener

Dr. R. S. Regin Silvest
President, Cape Comorin

Dr. Sr. Sahaya Selvi
Principal

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Open Access Review Article

Therapeutic Effect of Herbal Medicinal Plants on Polycystic Ovarian Syndrome: A Review

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ABSTRACT


Abstract:

Polycystic ovarian syndrome (PCOS) problem affects mature female in entire world. Menstrual irregularity, infertility, and hirsutism symptoms are all caused by PCOS patients' altered androgen and oestrogen metabolism and secretion rates. PCOS is associated to insulin resistance, obesity, and amplified concentration of hormones found in male. Both allopathic and natural treatments can be used to treat PCOS, which is becoming more common, as well as the physical and emotional issues it is connected with. Changes in sex hormones can also contribute to the development of this disease. *Asparagus racemosus*, *Bauhinia variegata*, *Nigella sativa*, *Vitex negundo*, *Coccoloba nucifera*, and other herbal plants have bioactive compounds that are safe and efficient for treating PCOS and associated complications. This review attempts to comprehend the bioactive components of natural medicinal plants that are either utilised alone or in combination to treat this condition.

Keywords: Ovary, cysts, hormone, obesity, herbs, metabolism

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Dr. Vineet Kumar, Assistant Professor, Department of Zoology, Dr. Yashwant Singh Parmar Govt. P.G. College Nahani, Dist Sirmour (H.P.) India.

INTRODUCTION

Polycystic ovary syndrome (PCOS) is a slow occurring and assorted chaos of the endocrine system, characterized by menstrual dysfunction, infertility, hirsutism, acne and obesity¹. It has been reported that both environmental and genetic related factors are concern with this disease, causes fatness and infertility^{2, 3}. This disease leads a remarkable loss in the quality of patients' life when diagnosed⁴. It has been reported that approximately 8-21% women of reproductive age affected with this disease globally and leads to great economical pressure which is forced by disease and is characterized by its elevated occurrence and association with release of egg during monthly cycle and menstrual abnormalities, infertility, hair loss, and metabolic issues^{5,6,7}. Though Polycystic ovary syndrome can grow at any age, initially beginning of period and between the ages of 20 and 30,

number of cases are recognized⁸. According to the Global Burden of Disease (GBD) project, it has been reported that occurrence of PCOS has not been significantly observed at regionally, nationally or internationally along with its association with research and socioeconomic condition⁹. Despite its great frequency, PCOS's actual aetiology is still unknown, and there is no known treatment for it¹⁰. Due to ovarian steroids and implants, this condition has found to be primarily afflicting mature female among the ages of 25 and 35. There is a definite connection between endometriosis and¹¹ Women's social, mental, and physical wellbeing are all impacted by endometriosis. Endometriosis affects approximately 10% of females, according to statistics¹². According to studies, the pathogenesis of endometriosis is unclear; however, the main mechanism of the diseased state is caused by the spread of the endometrium to various ectopic sites, as a result of which ectopic endometrium is deposited¹³. This review defines

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Traditional uses of some plants of Shivalik Range of Himachal Pradesh possessing wound-healing properties: A review

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Abstract

Wound healing is a natural process in humans through which the body restores damaged body tissues. Wound healing mechanism is divided into four main steps: haemostasis, inflammation, proliferation and remodelling. Disturbance in any step of the wound healing lengthens healing time and may result in various skin problems. Indigenous medicines made by traditional people use natural plant sources and plant derivatives thus providing a number of medicines that are consumed nowadays. The natural agents have wound healing properties and also regenerate the damaged tissues. Traditional people use various plant parts in the form of decoctions, extracts and paste for healing cuts, wounds, burns and boils. Pharmacological studies on Indian medicinal plants in which molecular mechanisms of wound healing are few in number. The documentation and validation of these wound healing plants are finite though there are many plants used by indigenous people due to their wound healing properties. Recognizing the important role traditional medicine continues to play, we have undertaken an extensive survey of literature reporting the use of medicinal plants and plant based products for cutaneous wounds. Due to this a review of these plants is important and thus an expensive study of literature was carried out. *Bryophyllum calycinum*, *Sida cordifolia*, *Euphorbia royleana* and *Coccinia grandis* are some plants used by indigenous people of Himachal Pradesh.

Keywords: Indigenous, Shivalik range, Traditional, Wounds.

Introduction

Wounds are mainly caused due to disabilities which is physical in nature. Wound is a type of disruption in the skin. Which is anatomical and functional and cause an injury. This disruption caused various type of threat to living tissue such as physical, chemical, electrical or microbial threats (Sharma et al., 2021). On the basis of cause of wound creation, wounds are mainly of two types open and closed wounds. Open wounds include incised wounds laceration wounds or tear wounds, abrasion or superficial wounds, puncture wounds, penetration wounds, gunshot wound. The closed wounds include contusions, blisters, seroma, hematoma, crush injuries. Ulcer is a type

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ECOLOGICAL STATUS OF FOREST ECOSYSTEM NEAR UNDERGROUND COAL MINES IN PARASIA, DISTRICT CHHINDWARA, MP INDIA

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Abstract: The current study aims to provide the current scenario of ecological status near underground coal mines in Parasia, Chhindwara (Madhya Pradesh) India. Over the surface of the coal mine lease; 12 tree species with a Total Basal Area (TBA) of 537.7 m²/ha have been found within the mine lease area. The density values (stems per hectare) for the various tree species ranged from 4.25 to 91.34 stems per hectare. The highest density was recorded for Sagaun (*Tectona grandis*) species while dominance was recorded for babool (*Acacia nilotica*) and vilayati babool (Shrub) over the lease area. Varying shrub species have different density values (stems/ha), ranging from 3.56 to 119.7. The IVI value of *Lantana camara* was the highest (151.57). This shrub has a high potential for regrowth. In the mining lease area, 29 kinds of herbaceous plants were found. Herbaceous species had a stand density of 407373 stems/ha, with *Cynodon dactylon* and *Tridax procumbens* (131660 and 64433 stems/ha, respectively) dominating this stratum. Biodiversity is an important constituent of environment which provide a niche to wildlife and encompasses the food chain resulting to the food web. Sagaun (*Tectona grandis*), babool (*Acacia nilotica*), neem (*Azadirachta indica*), tamarind (*Tamarindus indica*), and mango (*Mangifera indica* L) are among the most common trees in the research region. A total of 50 tree species from 26 families were identified in the research region, with 29 of them having medicinal value and being utilized by local communities and vaidya.

Keywords: Underground coal mines, scheduled species, protected forest, reserve forest.

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INTRODUCTION

Coal is a primary source of energy supply and fuel for industrial manufacturing in India. About 55% of the current commercial energy and cement is met by coal. Cement and electricity (energy) are cyclical commodities having a strong link to GDP. The demand for cement is inextricably tied to the country's general economic development, notably in the housing and infrastructure sectors. The rising demand for cement and energy will raise the demand for coal as the primary raw material and shall contribute overall growth of the country. In the current study, we have selected Parsia area in the Chhindwara district where some of the coal mines are active and some are proposed now by

private miners on lease from the Ministry of Coal, Govt of India.

EXPERIMENTAL

Study Area: 39716.98 Ha. covered w.r.t. expected underground coal mine. The study area has villages, agricultural land, forests, ponds, water reservoirs and all natural habitats.

Core Zone: Expected coal site and 2.0 km radii from the underground coal mine. The mine lease was accorded to lessee on lease for balance life of mine to extract coal using underground mining method as prescribed in mining plan by Ministry of Coal.

Buffer Zone: 10 km radii w.r.t. project site excluding core zone.



A Study on Viral Hepatitis in Hoshiarpur District of Punjab, India

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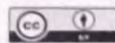
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Abstract: Liver is an important metabolic organ which participates in all the functions of body. Due to the heavy workload of liver and its role of biotransformation, liver is prone to attack of microbes, drugs, toxicants etc. The present study was designed to update the status of viral hepatitis in Hoshiarpur, district of Punjab, India. A questionnaire was formulated containing six different questions in order to collect data from civil hospital authorities of Hoshiarpur. Data collected from hospital authorities was arranged, analysed and interpreted. From March 2021 to March, 2022, 5815 cases were registered for testing of viral hepatitis, only 1031 (17.73%) cases were found positive for viral hepatitis, while 4784 (82.26%) were confirmed as negative. The anti-hepatitis drugs were used to treat viral hepatitis and were given to 355 patients, only 222 were cured completely whereas 59 cases does not cured completely. Among the positive cases only 222 showed interesting facts about the status of viral hepatitis in Hoshiarpur. Significant improvement has been taken place with respect to the cases of viral hepatitis. This might be due to implementation of "Mukh Mantri Punjab Hepatitis-C Relief Fund (MMPHCRF)" which has spread awareness in the public. These results suggested that the available treatments for viral hepatitis are efficient, however it could be conferred that these treatments are 100% efficient. However, treatment options were not found 100% efficient to completely cure the disease. This indicated that some other treatment options must be examined to eradicate the disease from the root level.

Keywords: Hepatitis B, Hepatitis C, Liver, Viral hepatitis, Anti-hepatitis

Citation: Bhatti Neelam, Kumar Vineet, Kumar Rajesh, Kaur Amanpreet and Hajam Younis Ahmad: A study on viral hepatitis in Hoshiarpur District of Punjab, India. Intern. J. Zool. Invest. 9(1): 195-199, 2023.

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Introduction

The liver is a key metabolic machinery which plays important role in controlling the energy metabolism in the body. Liver works like a nucleus

of a cell, as it is metabolically connected with other tissues including skeletal muscle and adipose tissue. Following the digestion of food in the

- v. Research paper on “Implication of Computer-Based Strategies in Biodiversity Conservation : A Review” in Journal of Pharmacy and Biological Sciences (IOSR-JPBS)

Implication of Computer-Based Strategies in Biodiversity Conservation: A Review

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Abstract

Climate change is the long-term alteration in original construction of the nature. The growing human population day by day alarm greatest threat to biodiversity. The population of wild animals on earth declines as a result of disruptions to biodiversity. This ongoing process will cause the ecosystem as a whole to become unstable and eventually collapse. Therefore, preserving the earth's biodiversity is essential to preserving the balance of all of its ecosystems. However, the resolutions of the current monitoring systems are insufficient to extend internationally. Conventional methods and researchers' boring manual labour are ineffective for conserving biodiversity. Because they work more effectively and produce better outcomes, modern technologies like artificial intelligence (AI) and machine learning (ML) are in demand today for conservation. The preservation of the earth's biodiversity can be aided by the application of AI and ML-based solutions to wildlife conservation.

Keywords: Climate change, biodiversity, ecosystem, conservation, monitoring system

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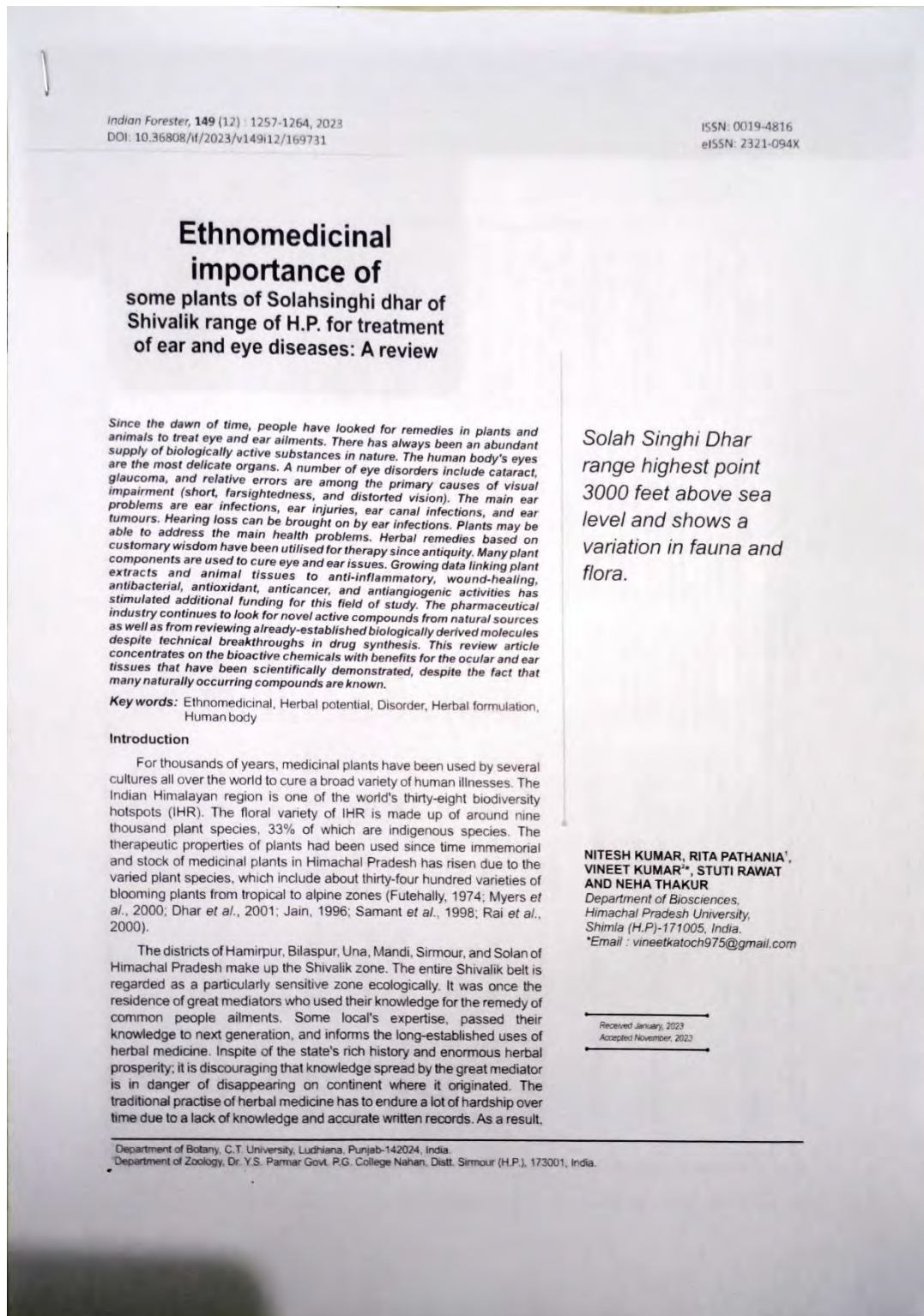
I. INTRODUCTION

To keep biodiversity alive generation to generation it's very essential that it should be protected through modern techniques. Artificial intelligence (AI) and machine learning (ML) simulate human behavior towards conservation of biodiversity. The goal of AI is to solve present conservation of biodiversity. Day to day invention in artificial intelligence and machine learning; prove to be a great boon for the conservation of biodiversity.

The scope and character of illegal wildlife trafficking have changed dramatically in recent years, (Lavorgna, 2014). Number of animals, plant's related goods are traded globally to meet essential necessity of mankind. Wildlife trafficking is a multibillion-dollar industry. Growing amount of wildlife commerce is illegal and unsustainable and becomes a crisis to threaten the survival of numerous species of wildlife (Ripple et al., 2016). Illegal trade threatens wild animal of species of great importance as well as a species of less importance ((Wittemyer et al. 2014; Di Minin et al. 2015), Rosen & Smith 2010; Phelps and Webb 2015). The unlawful wildlife traffic is one of the most lucrative illegal enterprises and low monitoring borders, poverty, corruption, and poor legal laws and enforcement are all factors that continue to rise and provide a great threat to fauna and flora around the world. (Dalberg Global Development Advisors, 2012).

In the past, researchers laboriously execute tasks such as identifying unique animals from photo shoots for population studies. Camera photographs are afterwards manually categorized with greater effort and time. Man-made technology has the potential to benefit nature and keep an eye on deforestation, pollution, and global warming in particular. Animals are notoriously difficult to identify and monitor and rely on technology to learn where they are and how their numbers are decreasing. Such jobs can be conducted more efficiently and with better results using Artificial Intelligence (AI) and Machine Learning (ML). The amalgamation of AI and machine learning-based solutions in wildlife conservation can aid in the preservation of the planet's biodiversity. Certainly the potential of AI proves to change the conservation environment. This review chapter will help the readers and researchers to acquaint with various methods of AI and ML to cope up various problems of wildlife trafficking, location, and monitoring of health of animals and plants in their natural environment as well as their conservation.

- vi. Research Paper on “Ethnomedicinal Importance of some plants of Solah Singhi dhar of Shivalik range of H.P. for treatment of ear and eye disease: A review” in *Indian Forester*, 149(12) 1257-1264, 2023, ISSN 0019-4816



- vii. Chapter published on “Ferrite Nanoparticles for Hyperthermia Treatment Application published in Engineered Ferrites and Their Applications

Chapter 5 Ferrite Nanoparticles for Hyperthermia Treatment Application



Vineet Kumar, Nitesh Kumar, Manu Vineet Sharma, Sunil Kumar,
and Attuluri Vamsi Kumar

1 Introduction

Because of biocompatibility and durable magnetic activity, nanoferrites are frequently used in biomedical applications, especially in magnetic hyperthermia treatments [1]. Through the use of dopant materials, biocompatible coatings, and preparation techniques, the effectiveness of nanoferrites is examined. Nanoferrites, which are known for having an exceptional heating mechanism, have been frequently employed in magnetic hyperthermia to destroy tumor cells [2]. Furthermore, the utility of nanoferrites in cancer treatments, magnetic hyperthermia inflict unambiguous necessities [3]. Dopant materials, biocompatible overlays, and preparation procedures are used to examine the performance of nanoferrites [4]. Due to having a specific characteristics, nanoferrites are frequently used in the treatment of various medical ailments in required amount [5].

Identifying the restrictions, delivering innovative nanoformulative materials which enhance magnetic characteristics by placing a biocompatible surface and magnetic nanoferrites are more efficient and performed better [6]. Research on these

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Pankaj Sharma
Gagan Kumar Bhargava
Sumit Bhardwaj
Indu Sharma *Editors*

Engineered Ferrites and Their Applications

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Chapter 5

Ferrite Nanoparticles for Hyperthermia Treatment Application



Vineet Kumar, Nitesh Kumar, Manu Vineet Sharma, Sunil Kumar,
and Attuluri Vamsi Kumar

1 Introduction

Because of biocompatibility and durable magnetic activity, nanoferrites are frequently used in biomedical applications, especially in magnetic hyperthermia treatments [1]. Through the use of dopant materials, biocompatible coatings, and preparation techniques, the effectiveness of nanoferrites is examined. Nanoferrites, which are known for having an exceptional heating mechanism, have been frequently employed in magnetic hyperthermia to destroy tumor cells [2]. Furthermore, the utility of nanoferrites in cancer treatments, magnetic hyperthermia inflict unambiguous necessities [3]. Dopant materials, biocompatible overlays, and preparation procedures are used to examine the performance of nanoferrites [4]. Due to having a specific characteristics, nanoferrites are frequently used in the treatment of various medical ailments in required amount [5].

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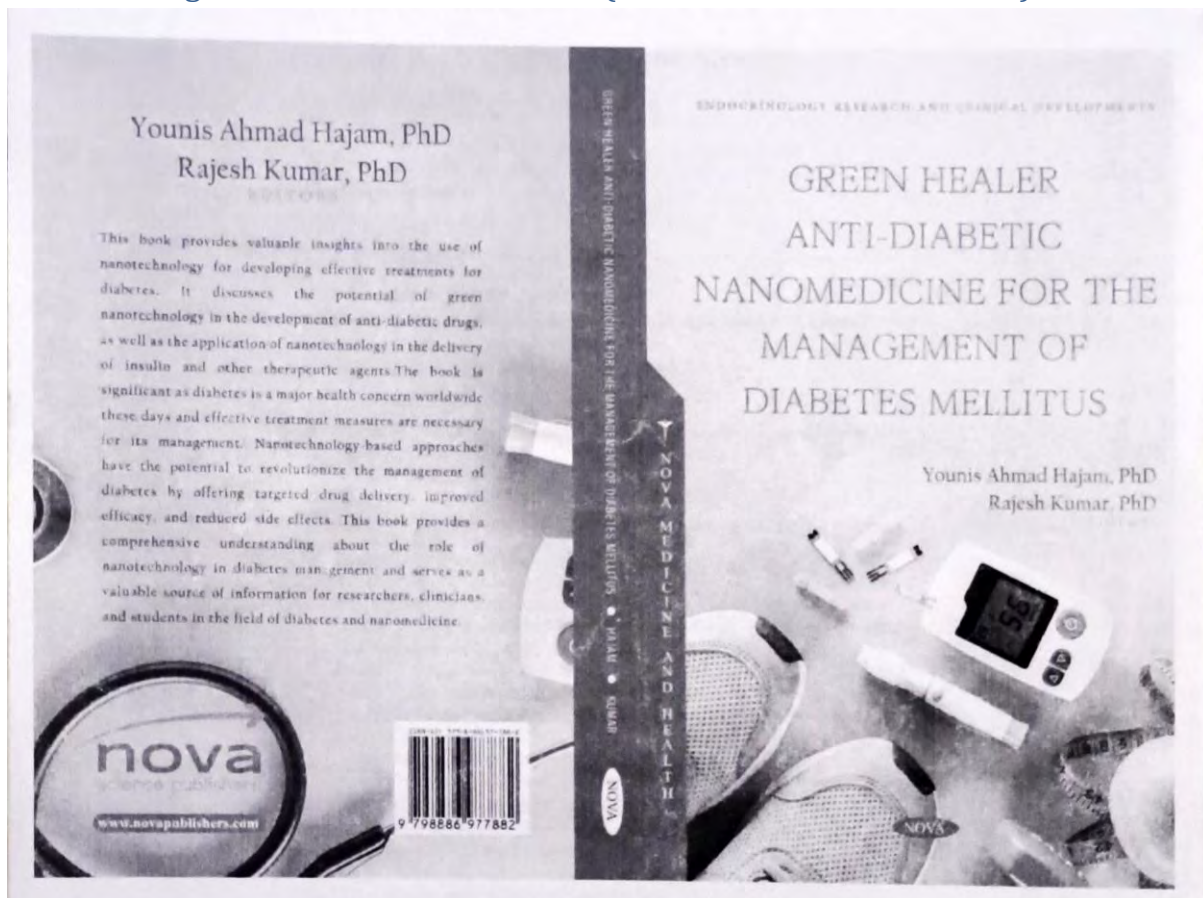
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- viii. Chapter on “Nano medicine : A Therapeutic Strategy for Diabetic Wound Healing” published in Green Healer Anti-Diabetic Nanomedicine for the Management of Diabetes Mellitus (ISSN: 979-8-88697-788-2)



Chapter 2

Nanomedicine: A Therapeutic Strategy for Diabetic Wound Healing

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Abstract

Diabetes mellitus, commonly referred to as diabetes, is a chronic metabolic disorder characterized by high levels of sugar (glucose) in the blood. This condition occurs when the body either does not produce enough insulin or cannot effectively use the insulin it produces. Insulin is a hormone produced by the pancreas that helps regulate blood sugar levels. The creation of appropriate management strategies for impaired wounds may result from a deeper comprehension of the molecular mechanisms and impact of microorganism on the functional aspect of body due to diabetic wound healing. Nanotherapeutic medicinal plant based medications are potential treatment agents for enhancing diabetic wound repair. Due to minor configuration, nanoparticles interact with living organisms and penetrate skin. Nanoparticles can enhance the

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10. Sh. Gopal

- i. Presented paper on “Changing Dynamics of Indian Federalism: Impact of new Economic Policy” organized by Department of Economics HPU on dated 16-17 Sept 2022.



11. Sh. Pankaj Chandak

- i. Paper Presentation on “Aarthik Vaishavikaran v paryavaran” in International Conference on Culture, Identity and Sustainable Development in Himalaya on 16-17th August, 2022 organised by Himalayan Council for Scientific Research & Punjab University, Chandigarh

Third HCSR International Conference

On
Culture, Identity and Sustainable Development in Himalaya
16-17 August 2022
Organised by:-
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Paper /Chaired /Co-chaired a session/ as key speaker paper entitled,
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- ii. Paper presentation on “KANGRA DURGK A STHAPATY V SAMARIK MAHATV” in National Seminar “Role of Military in Shaping History” organized by Mahila P.G. Mahavidyalaya Jodhpur on 25-26th July 2022



- iii. Paper presentation on “Amar Balidaani: Hemu Kalavi” in National Seminar on “Lesser Known Personalities and Institutions of Rajasthan and their Contribution to Freedom Struggle (19th & 20th Century) organized by Mahila P.G. Mahavidyalaya Kamla Nehru Nagar , Jodhpur on 24.07.2022

RAJASTHAN HISTORY CONGRESS
ONE DAY NATIONAL SEMINAR
24th July, 2022

Lesser known Personalities and Institutions of Rajasthan and their Contribution to Freedom Struggle (19th and 20th Century)

CERTIFICATE

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Dr. Manorama Upadhyaya
Treasurer
Rajasthan History Congress


Dr. Anil Purohit
Local Secretary
Rajasthan History Congress


Prof. S.P. Vyas
Secretary
Rajasthan History Congress

- iv. Award of degree of Doctor of Philosophy for the thesis entitled “Dhar kshetr mein umarkot etahasik pariprekshey mein ek adhyyan” on 30.06.2022

S. No. 1281

JAI NARAIN VYAS UNIVERSITY, JODHPUR
(ACADEMIC SECTION)



PROVISIONAL CERTIFICATE

Enrolment No.: JNVU 13/65871

Certified that the Thesis entitled 'द्वितीय शतक में भारत में - ऐतिहासिक परीक्षण'
श्री क. चंद्राकर
.....

submitted on 30.06.2022 by Ms./Mr PANKAJ CHANDAK for the
award of degree of Doctor of Philosophy (Ph.D.)/Doctor of Science (D.Sc.)/Doctor of Literature
(D.Litt.)/Doctor of Laws (LL.D) in the Department of HISTORY of this University
has been recommended by the concerned Research Board for the award of the degree.
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Date : 10.05.2023

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12. Sh. Manoj Kumar

- i. Paper Presentation on "Bhumandlikaran evm Hindi Bhasha" in International Conference on Vishav Patal pr Hindi on 22.01.2023 organised by Hindu Mahila Mahavidyalaya Shamali (U.P.)



हिन्दू महिला महाविद्यालय, शामली, उत्तर प्रदेश गुरु विद्यापीठ

(गुरु फाउंडेशन द्वारा स्वायत्तशासी अंतरराष्ट्रीय शैक्षणिक, प्रशिक्षण एवं अनुसंधान परिषद्)
एवं

गुगनराम एजुकेशनल एण्ड सोशल वेलफेयर सोसायटी

के संयुक्त तत्वावधान में 22 जनवरी 2023 को (रजि.)

विश्व पटल पर हिंदी विषय पर आयोजित अंतरराष्ट्रीय संगोष्ठी

प्रमाण पत्र संख्या : **प्रमाण - पत्र**

105

सहर्ष प्रमाणित किया जाता है कि

सुश्री/श्रीमती/प्रो./डॉ. मनोज कुमार

संस्था/पता डॉ० वाई० शश० परमार राजकीय स्नातकोत्तर महाविद्यालय नाहन

प्रतिभागी के रूप में भिवानी में आयोजित अंतरराष्ट्रीय संगोष्ठी में सक्रिय प्रतिभागिता की एवं अपना वैचारिक योगदान दिया। इन्होंने

भूमंडलीकरण एवं हिंदी भाषा

विषय पर अपना शोध-पत्र प्रस्तुत किया।



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सचिव एवं आयोजक


- ii. Paper presentation on "Kumar Krishan ke Kavya mein Dharmik Sanvedna" in International Conference on "Sahitya mein Dharma, Darshan evm Gyan" organized by Hariyana Granth Academy, Panchkula in collaboration with Guru Foundation, Rohtak on 08.012023

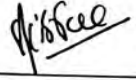
 हरियाणा ग्रन्थ अकादमी, पंचकूला
व
 गुरु फाउंडेशन, रोहतक
के संयुक्त तत्वावधान में आयोजित
एक दिवसीय अंतर्राष्ट्रीय संगोष्ठी 08 जनवरी 2023
विषय : साहित्य में धर्म, दर्शन एवं विज्ञान


प्रमाण पत्र संख्या : HGAGF/JAN-2023/044

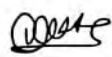
प्रमाण-पत्र

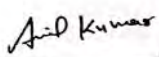
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संस्था/पता डॉ. वाई. एस. परमार राजकीय स्नातकोत्तर महाविद्यालय, नाहन 08 जनवरी 2023
को रोहतक में आयोजित एक दिवसीय अंतर्राष्ट्रीय संगोष्ठी में प्रतिभागी/ ~~वक्ता~~/ मुख्य वक्ता
के रूप में सक्रिय प्रतिभागिता की एवं अपना वैचारिक योगदान दिया तथा
कुमार कृष्ण के काव्य में धार्मिक संवेदना
विषय पर अपना शोध पत्र प्रस्तुत किया ।




डॉ. वीरेंद्र सिंह चौहान
उपाध्यक्ष
हरियाणा ग्रन्थ अकादमी


डॉ. सुलक्षणा अहलावत
संयोजक


डॉ. विकास
सह संयोजक


अनिल कुमार
महासचिव
गुरु फाउंडेशन

13. Sh. Yash Pal Tomar

- i. Presented paper on Green Energy: Present and Future in International Conference on Empowering Individuals for a Better Future organized by ICFRE- Himalayan Forest Research Institute Shimla and Science and Management Society Himachal Pradesh on 12.05.2023 to 14.05.2023



14. Dr. Saloni Sood

- i. Presented a paper on topic “Effects of ZnO Nanoparticles on Environment: Risks and Benefits” in one day interdisciplinary International Conference on “Ecology: Interpretation, Intersections and Interstices” organised by Arya Kanya Mahavidyalaya Shahabad Haryana on dated: **28th March, 2023**



15. Ms. Navdeep Kaur

- i. Paper Presentation on “A Study on Key Sectors of Mountain Livelihoods” in National Seminar on “Promoting Sustainable Livelihoods in the North Western Himalayas: Fostering Convergence among Research, Practice and Policy” organized by Government Degree College Shahpur on 27th and 28th May 2023



16. Sh. Baru Ram

- ii. Chapter Published on Shivanand Ramaul in Swaraj Sangharsh mein Himachal ke Nepathay Nayak edited by Dr. Shiv Bhardwaj and published by Itihas Shodh Sansthan Neri, Hamirpur

स्वराज संघर्ष में
हिमाचल के नेपथ्य नायक
(भाग - I)

सम्पादक
डॉ. शिव भारद्वाज

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पण्डित शिवानन्द रमौल स्वराज संघर्ष के अग्रणीय सिपाही थे। वह पहाड़ी रियासत हिमाचल प्रदेश में ऐसे प्रजामंडल आन्दोलनकारी रहे जिन्होंने भारतीय राष्ट्रीय आन्दोलन के आरम्भिक स्वरूप से लेकर सिरमौर रियासत और ब्रिटिश सरकार के अमानुषिक अत्याचार व शोषण के बुरे दौर को स्वयं नजदीकी से महसूस किया था। सिरमौर प्रजामंडल के गठन, संचालन और सशक्त नेतृत्व प्रदान करते हुए रमौल ने सुकेत की अन्तरिम सरकार को भी कुशल नेतृत्व प्रदान किया था। 'हिमालयन हिल स्टेट्स रीजनल कौंसिल' और 'हिमालयन हिल स्टेट्स सब-रीजनल कौंसिल' का गठन और संचालन में रमौल ने अपनी भूमिका गंभीरता और पूर्ण उत्तरदायित्व से निभाई। स्वतंत्रता आन्दोलन के दौरान उन्होंने दिल्ली और अम्बाला को अपनी गतिविधियों के केंद्र बनाकर राष्ट्रीय स्तर पर अपनी सक्रियता का परिचय दिया और राष्ट्र प्रेम, एकता और स्वतंत्रता का सन्देश अपने क्षेत्रों के गाँव-गाँव तक पहुंचाते रहे।



जन्म एवं शिक्षा

पंडित शिवा नन्द रमौल का जीवन गरीबी और अभाव में बीता। उनका जन्म 16 अक्टूबर, 1894 को पांवटा तहसील की भडोग-बनेडी पंचायत के गाँव खैना के किसान परिवार में हुआ था। स्वभाव से वे मृदु भाषी, वाकपटु, शान्त, गंभीर और सौम्य स्वभाव के धनी थे। उनके पिता श्री फतेह सिंह सिरमौर रियासत में दरोगा के पद पर कार्यरत थे। शिक्षा

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स्वराज संघर्ष में हिमाचल के नेपथ्य नायक (भाग-1)



सम्पादक
डॉ. शिव भारद्वाज

इतिहास दिवाकर

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बी.आर. ठाकुर

शोध सारांश

भारत गाँव में बसता है और गाँव भारत की विविध व विशिष्ट संस्कृति के परिचायक हैं। भारत की मूल संस्कृति की जड़ें सदैव ग्रामीण परिवेश में सिंचित होती रही इसलिए विदेशी आक्रान्ताओं की लाख कोशिशों के बावजूद भी हमारी संस्कृति फली-फूली और शाश्वत रही। हिमाचल प्रदेश के जिला सिरमौर के दक्षिणी-पूर्वी भाग में स्थित गाँव झकान्डों टेठ हाटी-जौनसारी संस्कृति को दर्शाता है चूँकि यह जौनसार-बावर और गिरिपार सिरमौर के संगम स्थल मीनस पर स्थित हैं और सदियों से 'मौण' (देवता के झंडे तेल वीर जुलुस) जैसे प्रत्यक्ष वीरता संघर्ष का अगुवा रहा है। गाँव की अनूठी बसावट और विभिन्न समुदायों के मध्य सदियों से चली आ रही परस्पर सौहार्दपूर्ण सामंजस्यता शोध का विषय हैं। भौगोलिक विषमता और पृथकता के परिणाम स्वरूप यहाँ विशिष्ट सामाजिक, धार्मिक, आर्थिक व सांस्कृतिक आयाम स्थापित हुए। खान-पान, मेले-त्यौहार, वस्त्र-आभूषण, देव परम्परा, लोककलाएँ आदि का अवलोकन करने से इसकी ऐतिहासिकता स्थापित होती है।

संकेत शब्द : गिरिपार, खून्द, मौण, बेड़ा, आल, शणयाठा, शैल, भौड़, बौऊड, ठारी, चौऊरटा, कोईलू, खुमली, पांशी, टिम्बुर, भातियोज, बूढ़ी दियाली, जाजड़ा, मितको, जैठोंग-कान्छोंग, भियुंरी, झाम्बे, लामण, सोला, पाथा, धौण ।

हिमाचल प्रदेश के जिला सिरमौर का गिरिपार क्षेत्र अपनी विशिष्ट व समृद्ध हाटी लोक संस्कृति के लिए विख्यात है। गिरिपार क्षेत्र के पूर्व में स्थित है गाँव झकान्डों, जो सिरमौर, शिमला और उत्तराखंड के जौनसार-बावर के संगम स्थल पर स्थित होने के फलस्वरूप मिश्रित सामाजिक-सांस्कृतिक व धार्मिक पृष्ठभूमि का परिचायक है। इस गाँव के मौलिक निवासी झोकटियाल चार खून्दो (युद्ध करने वाला सगोत्रीय समूह) के कुल देवता महासू के संरक्षक और अगवाल होने के कारण मीनस के मौण के अग्रज रहे हैं। तत्कालीन लादी महल के चार प्रमुख खशों में शुमार झोकटियाल नाएणे विशु के संस्थापक रहे हैं। ठारी माता का भूमिगत तिकोना मंदिर और जलहू (जल देवता) देवता का मंदिर गिरिपार सिरमौर के केवल इसी गाँव में विद्यमान होना लेखन विषय को और रुचिकर बनाता है। यह गाँव जौनसारी और हाटी संस्कृति का भी केंद्र बिंदु रहा है। गौरखों के आक्रमण के समय इस गाँव को जलाकर राख कर दिया गया था। यहाँ पर समृद्ध लोक संस्कृति व अनूठी परम्पराएं सुव्यवस्थित व सामंजस्यपूर्ण सामाजिक व्यवस्था को सदियों से अपनाए हुए हैं। मूड़ा (मुरमुरा), शाकोली (पापड़), तेलपाकी (तेल में पकाई रोटी), गुडोली-बैडोली (गुड़ के मेशन से बनी रोटी), उलौउले (कई अनाजों को मिश्रित कर भाप में पकाई मेषण रोटी), खेंडा (गुड़ और आटे का बना हलवा), सिडकु (भाप में पकाई मोटी मेषण रोटी), खुबलू (उबले

कोई इसका निम्न बैंड स्थापित है यह तो पीढ़ी दर पीढ़ी प्राकृतिक व स्थायीक, विद्यमान के रूप में चलता है। गाँव में परेले उपयोग हेतु मड़ा, मड़ी, डोल्ले, मड़े, दुले, सुमारे, मैर (भी रखने का श्रेय वर्तन), यादुआ (भी रखने का बड़ा वर्तन), लंडी (मिट्टी की छोटी मड़ी), दिवा (दीपक) आदि मिट्टी की परवृत्त प्रयोग की जाती रही हैं जिसपर विभिन्न प्रकार की भक्ताशी और विचकारी उपलब्ध हैं लेकिन इस गाँव में मिट्टी के वर्तन बनाने वाले कृषकवर भेणी नहीं रहती हैं इसलिए पड़ोसी गाँव श्री क्यारी से लोग इन वर्तनों को खरीदते हैं।

निष्कर्ष

गाँव झकान्डो के विभिन्न पहलुओं का अवलोकन करने से यह निश्चित रूप से कहा जा सकता है कि यहाँ इतिहास की दृष्टि से अभी कई और परते खुलना बाकी हैं। हाटी-जौसारी संस्कृति का परकीकृत रूप यहाँ सदैव से विद्यमान रहा है और आज भी दोनों के मध्य रोटी-बेटी का सम्बन्ध कायम है। गाँव में आधुनिकता का प्रभाव भी स्पष्ट दृष्टिगोचर होता है जैसे बहुपति प्रथा का कम होना और संयुक्त परिवार ब्यस्था का लोप होना। परम्परागत फसलों की जगह आज नकदी फसलों को प्राथमिकता दिया जाना इस बात का परिचायक है कि आज गाँव भी वैश्विक परिवेश से जुड़ चुके हैं।

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- i. Presented a paper on topic "Industrialization and Sustainable Development" in national Seminar on Environmental Issues and Public Health organized by Department Botany & Zoology Government College Bhoranj (Tarkwari) Dist. Hamirpur, Himachal Pradesh from 27-28 February 2023.



