



GOVERNMENT COLLEGE BHORANJ(TARKWARI)

DISTRICT HAMIRPUR ,HIMACHAL PRADESH

SELF APPRAISAL REPORT(SAR)-2024-25

CRITERIA 6: FACULTY PROFILE AND RESEARCH ACTIVITES

KEY INDICATOR(S)

1. % OF TEACHERS WITH PHD	10 Teachers Academic &Extension
2. TEACHERS AS RESEARCH GUIDE	11 Awards
3. NO. OF ORIENTATION, REFRESHER, FDP	
4. PROJECTS/PATENTS/FELLOWSHIP	
5. NO. OF PAPER PRESENTED	
6. SEMINAR, WORKSHOP, CONFERENCE	
7. NO. OF PAPER PUBLISHED	
8. TEACHER SPECIAL INNOVATION	
9. NO. OF BOOKS PUBLISHED	

1. PERCENTAGE OF TEACHERS WITH Ph. D.

Total Teachers =24

Ph. D. Holders = 13 = 54.16%



क्रम संख्या Serial No. } Ph.D. 0000130

पंजीकरण संख्या Enrolment No. } 03-CC-ME-12

हिमाचल प्रदेश विश्वविद्यालय

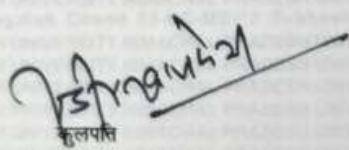


विद्या-वाचस्पति-2015

प्रमाणित किया जाता है कि “*Politics, Society and the Individual: The Dramatic Art of Hannie Rayson*” पर शोध प्रबन्ध स्वीकृत हो जाने के उपरान्त सुभाष वर्मा सुपुत्र/सुपुत्री श्री जगदीश चन्द को इस विश्वविद्यालय की विद्या-वाचस्पति की उपाधि भाषा (अंग्रेजी) संकाय में प्रदान की गई ।

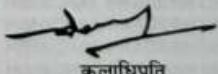
Himachal Pradesh University Doctor of Philosophy-2015

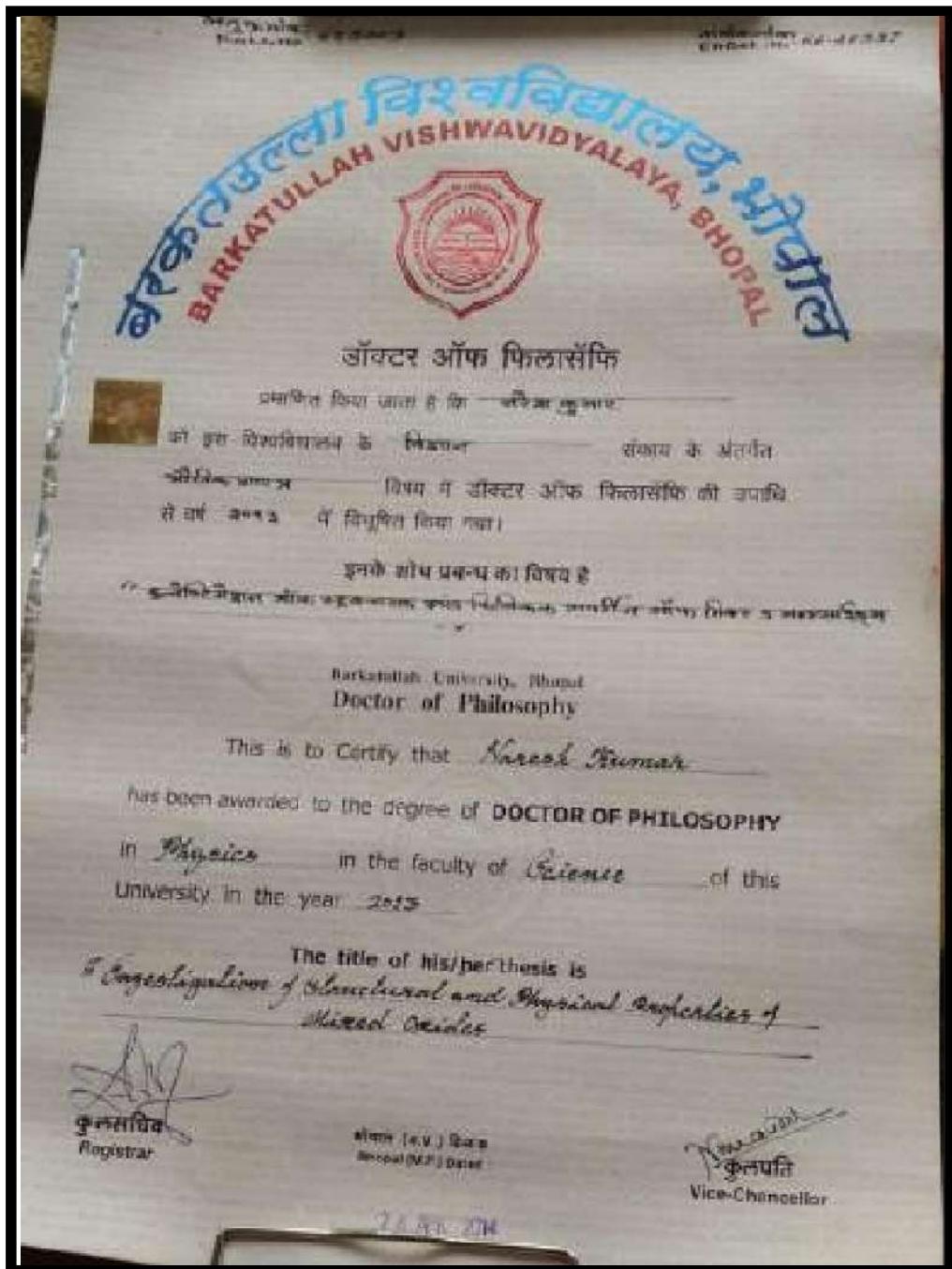
Certified that Subhash Verma son/daughter of Shri Jagdish Chand after approval of his/her thesis on “*Politics, Society and the Individual: The Dramatic Art of Hannie Rayson*” has been admitted to the degree of Doctor of Philosophy in the Faculty of Languages (English) in this University.



Vice-Chancellor

शिमला } 05th October, 2015
Shimla


कुलाधिपति
Chancellor



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№ 0005430

July 18
1866

1880-1881

1970-1971

Q.D., 28P, 27

हिमाचल प्रदेश विष्वालियालिय



संस्कृत विज्ञान

प्रमाणित किया जाता है कि अंगरेजी वाक्य में वाक्यांश का उपयोग सुनिश्चित रूप से विभाजित होता है। अंगरेजी वाक्य के लाभ/की लाभ ने इस विभविताजय से अंगरेजी वाक्य की परीक्षा में अंगरेजी वाक्य विषय लेकर वर्णन निष्णात की उपाय अथवा व्येक्षण में प्राप्त की।

Himachal Pradesh University

Master of Philosophy

Certified that.....Yashender Kumar....., son/daughter of
Shri.....Jagdish Chander....and of the.....Department of.....Physical
Education....has obtained the degree of **Master of Philosophy** in
this University, having passed the examination for the said degree, held
in.....September.....2008, in the.....Final.....division, in the subject
of.....Physical.....Education

1900-1901
Prostolus

8-30
1900
John G. Muller

Shiva } ...तत्त्वाद्युपाद

हिमाचल प्रदेश विश्वविद्यालय



विद्या-वाचस्पति-2017

प्रमाणित किया जाता है कि "माधवनिदान में कर्ण, नासिका तथा मुखरोग" पर शोध प्रबन्ध स्वीकृत हो जाने के उपरान्त आशा देवी देवी सुन्दरी श्री जय सिंह को इस विश्वविद्यालय की विद्या-वाचस्पति की उपाधि मासा (संस्कृत) प्रदान की गई।

Himachal Pradesh University Doctor of Philosophy-2017

Certified that Asha Devi son/daughter of Shri Jai Singh after approval of his/her thesis on "माधवनिदान में कर्ण, नासिका तथा मुखरोग" has been admitted to the degree of Doctor of Philosophy in the faculty of Languages (Sanskrit) in this University.

Vice-Chancellor

प्रियतम
Singh | 10th July, 2017



Chancellor

Roll No. 2651

Panjab University



Doctor of Philosophy

(In the faculty of Science)

Certified that *Vivek Chand* , Regd. No. 2003-607-39
son of *Shri Hari Chand* , and of

Himachal Pradesh , has obtained the degree of Doctor of Philosophy
of this University on the result of the examination held in 2013 .

Given under the seal of the University

Pragya
Controller of Examinations

A. K. Bhambhani
Registrar

U. L. Dhillon
Vice Chancellor
Om Singh
Chancellor



Chandigarh, December, 11, 2013



Confidential
PHONES



HIMACHAL PRADESH UNIVERSITY
SUMMER HILL, SHIMLA-171005

Ref. No. HPU/Exams.(Degree Cell)Ph.D./2022/Prov. Cert. Dated 20.02.2023

PROVISIONAL CERTIFICATE

Certified that **Mr. Nikhil Kumar S/o Sh. Bidhi Chand**, Enrolment No. **06-HM-594** has been declared qualified for the award of the degree of Doctor of Philosophy in the subject of **Commerce** under the Faculty of Commerce & Management Studies from this University vide Notification No. **Ph.D.2022-28** dated **02.01.2023**.

Title of the Thesis:

"PERFORMANCE EVALUATION OF NATIONAL FOOD SECURITY ACT, 2013-A STUDY OF HIMACHAL PRADESH".

The formal degree shall be issued in the University Convocation to be held in due course of time.

Assistant Registrar (Exams)

Assistant Registrar,
Examinations-
H.P. University, Shimla-8

क्रम संख्या
Serial No. } Ph.D_0000711

पंजीकरण संख्या
Enrollment No. } 03-GST-118



हिमाचल प्रदेश विश्वविद्यालय



विद्या-वाचस्पति-2019

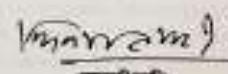
प्रमाणित किया जाता है कि "Infrastructural Development in India, 1971-2011: A Spatial Analysis." पर शोध प्रबन्ध स्वीकृत हो जाने के उपरान्त संदीप कुमार सुपुत्र/सुपुत्री श्री जगन नाथ को इस विश्वविद्यालय की विद्या-वाचस्पति की उपाधि पदार्थ विज्ञान (भूगोल) सकाय में प्रदान की गई।

Himachal Pradesh University Doctor of Philosophy -2019

Certified that Sandeep Kumar son/daughter of Shri Jagan Nath after approval of his/her thesis on "Infrastructural Development in India, 1971-2011: A Spatial Analysis." has been admitted to the degree of Doctor of Philosophy in the faculty of Physical Sciences (Geography) in this University.


कृत्यात्
Vice-Chancellor

शिमला } 03rd June, 2019
Shimla


कृत्यात्
Chancellor



Himachal Pradesh University
(NAAC Accredited 'A' Grade University)
"Examination Branch"
Summer Hill, Shimla-171005

Notification No. Ph.D.2020-23

Dated: 4th January, 2021

NOTIFICATION

In pursuance of the powers vested in him by the Executive Council of Himachal Pradesh University vide Resolution No. 103 of its meeting held on 28th December, 1982, the Vice-Chancellor is pleased to accept the Thesis of following candidates for the award of the degree of 'DOCTOR OF PHILOSOPHY' in the faculty/subject shown against their name and has declared them eligible for the award of 'DOCTOR OF PHILOSOPHY' of this University:-

Sr. No.	Name of the Candidate	Faculty (Subject)	Title of the Thesis	Date of approval by the V.C
1.	Ms. Kultaran kumari D/o Balveer Bahadur Singh (16-HN-831)	Physical Sciences (Mathematics Mathematics & Statistics)	"ON SOME INSTABILITY PROBLEMS IN TRIPLY DIFFUSIVE, FERROMAGNETIC AND DOUBLE-DIFFUSIVE BINARY VISCOELASTIC FLUID CONFIGURATIONS IN POROUS AND NON-POROUS MEDIUM."	21-12-2020

N.B. The effective date in each case mentioned above will be the date of approval by the Vice-Chancellor.

Adarsh
Deputy Registrar (Exams.)
H.P. University, Shimla-5

h
Controller of Examinations
H.P. University, Shimla-5

Ends No. Even.
Copy to:-

Dated: 4.01.2021

1. Student concerned.
2. The SPS to Vice-Chancellor/Dean of Studies/Registrar, H.P. University, Shimla-171005.
3. The Chairman/Chairperson Mathematics/ Mathematics & Statistics, H.P.U., Shimla-5.
4. Prof. Jyoti Prakash, Supervisor of the candidate.
5. The Librarian, H. P. University, Shimla-171005.
6. The Assistant Registrar (Secretary) w.r.t. their letter No. PH-3749-HPU/Secy-, dated 28.12.2020.
7. *The Incharge Computer Centre B.Tech. Section H.P. University, Shimla-5 with the request to upload the above Notification on the University Website.*
8. Guard file.

Adarsh
Deputy Registrar (Exams.)
H.P. University, Shimla-5

2. TEACHER AS RESEARCH GUIDE: DR. SUBHASH VERMA

**CAREER POINT
UNIVERSITY**



Ref: CPUK/HO/2022-23/4097

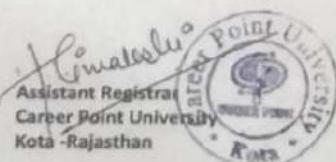
Date: 13 Dec 2022

To whom so ever it may concern

This is Certify that Dr Subhash Verma is a registered Supervisor /Co-Supervisor in Career Point University Kota .Following Phd Scholars pursuing Phd in his Guidance:

1. Mr Anit Kumar
2. Ms Bandana Nirala
3. Mr Ashok Pathania

The letter is being issued on the Request of Research Supervisor



University Campus : Alaniya, Jhalawar Road, Kota - 325 003 (Rajasthan)

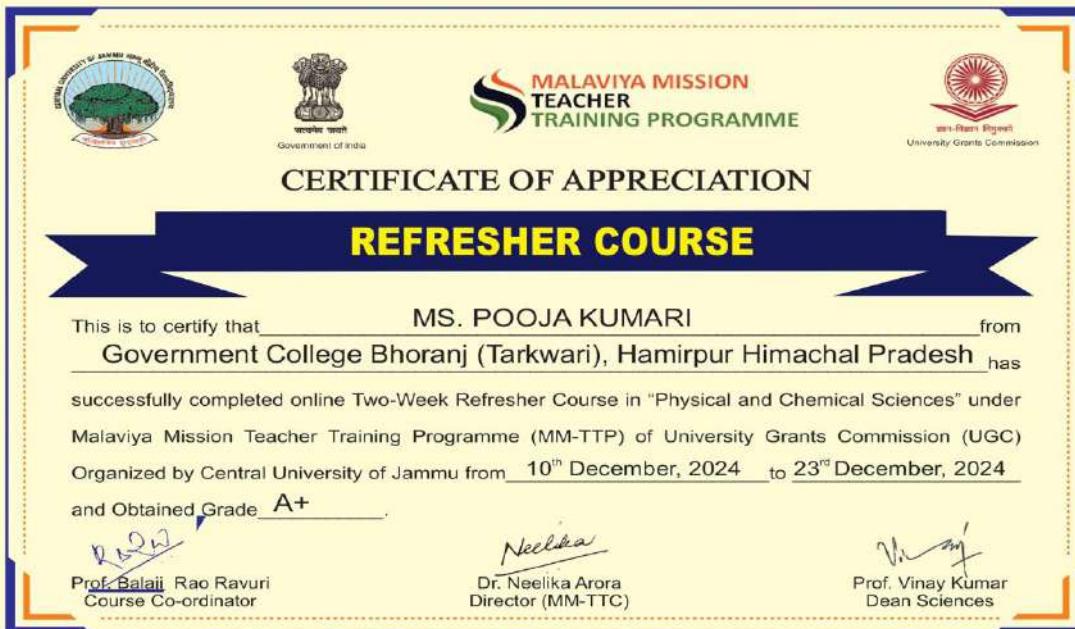
Corporate Office: Career Point, CP Tower, 4th Floor, IPA, Road No.1, Kota-324 005 (Raj.) | Ph: 080-47250333

website: www.cpuniv.in | email: info@cpuniv.in

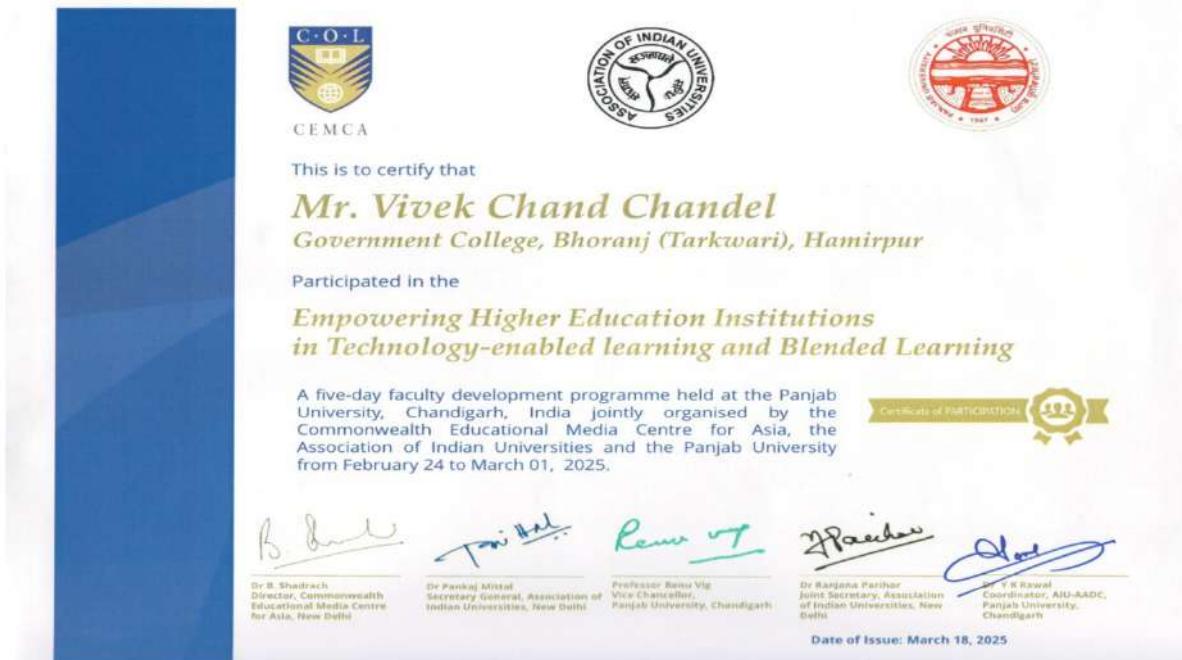
(Established by the Government of Rajasthan Act No. 13/2012, w/s.2(b) of the UGC Act, 1956)

3. No. of Orientation Programmes ,Refresher Programmes, Faculty Development Programmes = 58





CUJ/MMTTC/RC-01/2024/88





CERTIFICATE

This is to certify that

VIVEK CHAND

CHANDEL

has participated in the **One Week National Level Online Faculty Development Program** on **Outcome Based Education and Application of Generative AI in Teaching and Research**, organised jointly by **The University of Engineering & Management Jaipur, Rajasthan** and **Nirmala College, Muvattupuzha (Autonomous), Kerala** in association with **ipsr solutions limited** from **19 September 2024 to 28 September 2024** and has successfully completed all the assessments and secured an **A grade**.

Prof. (Dr) Biswajoy Chatterjee
Vice Chancellor
University of Engineering and
Management, Jaipur

Certificate ID: LC3yUnFowS

Rev. Dr. Jestin K Kuriakose
Principal, Nirmala College,
Muvattupuzha (Autonomous)

Activate Windows
Dr. Mendus Jacob
Go M.D & CEO - ipsr solutions limited
Professor & Director, MCA
Mariam College, Kuttikkanam (Autonomous)

Two Week Capacity Building Programme

For

Young Faculty in Social Sciences

23 September - 04 October, 2024

Certificate

This is to certify that **Dr. Sandeep Kumar**, Assistant Professor in Geography from Govt. College Bhoranj, Hamirpur, H.P. has successfully completed the "**Two Week Capacity Building Programme (CBP) for Young Faculty in Social Sciences**," sponsored by the **Indian Council of Social Science Research (ICSSR)**, Ministry of Education, Government of India, New Delhi, organized by the Department of Geography, Himachal Pradesh University, Shimla. The participant has been awarded **A-Grade** in the programme.

Prof. Rajinder Verma
Patron CBP & Pro Vice-Chancellor, HPU

Dr. B.R. Thakur
Course Director

Dr. Ram Lal
Co-Course Director

Activate Windows



"INTERNATIONAL WORKSHOP ON SUSTAINABLE DEVELOPMENT AND ENVIRONMENTAL CONSERVATION"

**CERTIFICATE
OF PARTICIPATION**

This to certify that

Dr. Sandeep Kumar
Of

ASSISTANT PROFESSOR IN GEOGRAPHY GOVT. COLLEGE BHORANJ
has successfully participated in seven days international workshop from 13 to 19 February 2025 (Hybrid) on Sustainable development and Environmental Conservation, Organized by Department of Geography, Thakur Jagdev Chand Memorial Govt. College Sujanpur Tihra, Distt. Hamirpur (H.P.)

Convener Prof Rajeev Kumar
Assistant Professor Geography

Co-Convener Prof Vandna Kumari
Assistant Professor English

Dr. Ajaib Singh Banyal
Patron Cum Principal



CEMCA



This is to certify that

Dr. Sandeep Kumar
Government College, Bhoranj (Tarkwari), Hamirpur, H.P.

Participated in the

**Empowering Higher Education Institutions
in Technology-enabled learning and Blended Learning**

A five-day faculty development programme held at the Panjab University, Chandigarh, India jointly organised by the Commonwealth Educational Media Centre for Asia, the Association of Indian Universities and the Panjab University from February 24 to March 01, 2025.



Dr B. Shadrach
Director, Commonwealth
Educational Media Centre
for Asia, New Delhi

Dr Pankaj Mittal
Secretary General, Association of
Indian Universities, New Delhi

Professor Renu Vig
Vice Chancellor,
Panjab University, Chandigarh

Dr Ranjana Parihar
Joint Secretary, Association
of Indian Universities, New
Delhi



Dr Y K Rawal
Coordinator, AIU-AADC,
Panjab University,
Chandigarh

Date of Issue: March 18, 2025



Certificate

of Completion

This Certificate is Proudly Presented to

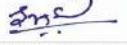
DR. NIKHIL KUMAR

ASSISTANT PROFESSOR, GOVT. COLLEGE BHORANJ (TARKWARI), HAMIRPUR (HP)

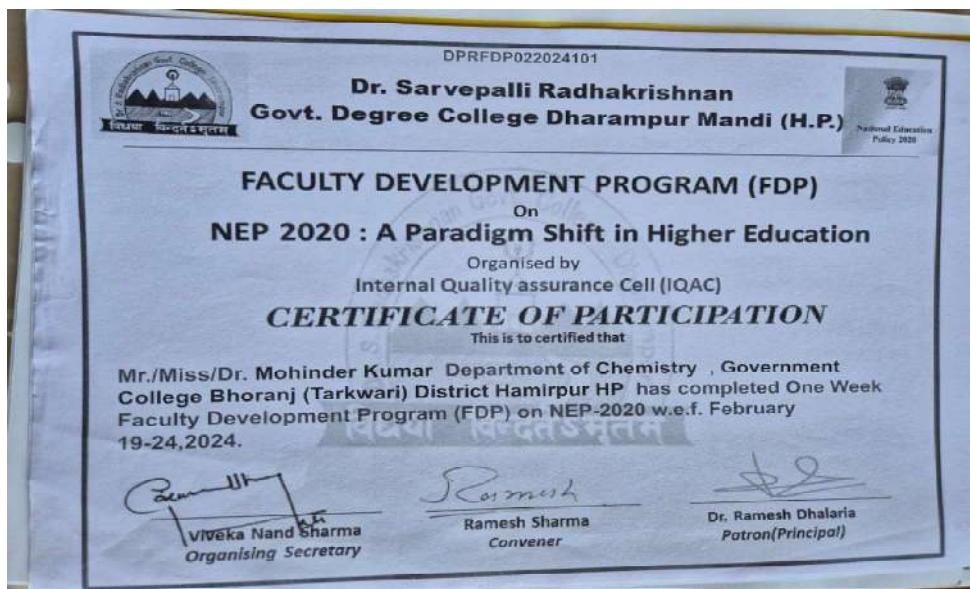
for successful participation and completion of the 5-Day Virtual Faculty Development Programme (FDP)/Management Development Programme (MDP) on "Mastering Research Methodology with AI" organized by Inspira Research Association (IRA), Jaipur, Rajasthan, and Khandesh College Education Society's College of Engineering & Management, Jalgaon, Maharashtra from **November 27 to December 1, 2024**.

We heartily wish you continued success and a bright future ahead.


Prof. (Dr.) S.S. Modi
President


Dr. Sanjay Sugandhi
Principal


Activate Windows
Go to Settings to activate Windows
Prof. (Dr.) Manvinder Singh Pahwa
Resource Person



संस्कृत-विभाग

हिमाचल प्रदेश विश्वविद्यालय, ज्ञानपथ समरहिल, शिमला

(राष्ट्रीय मूल्यांकन प्रत्यायन परिषद् 'ए' ग्रेड विश्वविद्यालय)

द्वारा आयोजित (online)

सात दिवसीय राष्ट्रीय काव्यशास्त्रीय कार्यशाला एवं संकाय संवर्धन कार्यक्रम (FDP)



विषय: काव्यशास्त्र के विविध आयाम

दिनांक: 30 अगस्त, 2024 से 6 सितम्बर, 2024

प्रमाण-पत्र

प्रमाणित किया जाता है कि डॉ० आशा, सहायकाचार्य, संस्कृत-विभाग, राजकीय महाविद्यालय, भोरंज ने संस्कृत-विभाग, हिमाचल प्रदेश विश्वविद्यालय, शिमला द्वारा आयोजित दिनांक: 30 अगस्त, 2024 से 6 सितम्बर, 2024 तक सात दिवसीय राष्ट्रीय काव्यशास्त्रीय कार्यशाला एवं संकाय संवर्धन कार्यक्रम (FDP) विषय: काव्यशास्त्र के विविध आयाम को सफलतापूर्वक पूर्ण किया। हम आपके उज्ज्वल भविष्य की कामना करते हैं।

प्रो. वी. के. शिवराम

अधिकारी अध्ययन,
हिमाचल प्रदेश विश्वविद्यालय, शिमला

प्रो. नीलिमा कंवर

अधिकारी, भाषा संकाय,
हिमाचल प्रदेश विश्वविद्यालय, शिमला

डॉ. भवानी सिंह

अध्यक्ष, संस्कृत-विभाग,
हिमाचल प्रदेश विश्वविद्यालय, शिमला। हिमाचल प्रदेश विश्वविद्यालय, शिमला

डॉ. सपना चन्द्रेल

सहायकाचार्य, संस्कृत-विभाग,
हिमाचल प्रदेश विश्वविद्यालय, शिमला



ST. MARY'S COLLEGE
(AUTONOMOUS), Thrissur

Directorate of
COLLEGIATE EDUCATION
Government of Kerala

CERTIFICATE

This is to certify that

MUKESH KUMAR, Associate Professor (Physics)

Government College Bhoranji (Tarakwari)

has participated in the One Week National Level Online Faculty Development Program
on Outcome Based Education and Application of Generative AI in Teaching and Research,

organised by St. Mary's College (Autonomous), Thrissur, Kerala

in association with the Collegiate Education Department, Government of Kerala

from 17 October 2024 to 24 October 2024

and has successfully completed all the assessments and secured an A grade.

Certificate ID: UFDPM1Q8VR

Dr. Sr. Beena T L
Principal, St. Mary's College
(Autonomous), Thrissur

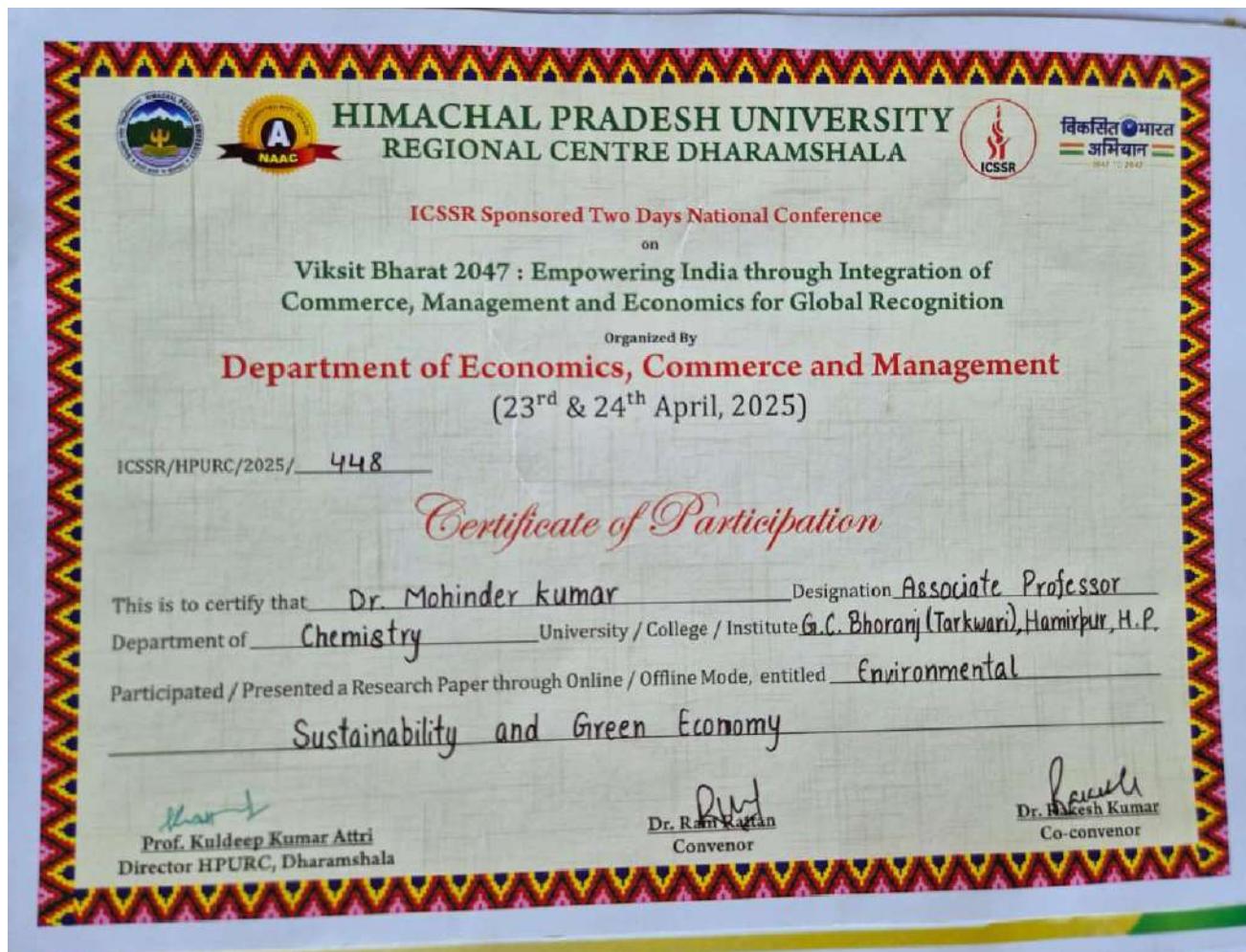
Dr. Dalle Dominic A
Vice Principal and Convener
St. Mary's College
(Autonomous), Thrissur

Dr. Meera C R
Controller of Examination
St. Mary's College
(Autonomous), Thrissur



5. No. of Paper Presented in Conferences/ seminars/Symposia (in last three years):

International = 57, National = 24, Total=81











Certificate No. PSRGCB-GERA2025-108/01

**INTERNATIONAL CONFERENCE
(HYBRID MODE)**

ON

**Gender Equality Rhetoric to Action: Balancing Achievements with
Unresolved Issues**

Certificate of Presentation

This is to certify that **Dr. Vivek Chand Chandel, Assistant Professor in Botany** from **Government College Bhoranj (Tarkwari), District Hamirpur, H.P.** has presented a paper titled **Studies on the Adoption of Mushroom Production as Women Empowerment for Livelihood and Income Generation in Himachal Pradesh** in the **Two-Day International Conference (Hybrid Mode) on Gender Equality Rhetoric to Action: Balancing Achievements with Unresolved Issues** organized by Pandit Sant Ram Govt. Degree College Baijnath, Kangra, H.P., India on the **8th-9th March, 2025**.


Dr. Pawan Kumar
Organizing Secretary


Dr. Swati Mahajan
Convener


Dr. Rajesh Choudhary
Coordinator


Dr. Pardeep K. Kaundal
Principal & Patron

Activate Windows
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INTERNATIONAL CONFERENCE

RNTGCS-IC-2024-125

On



"Digital Transformation & Its Impact on Business, Economy & Environment :
Sustainable Development Goals (SDGs)"

29th & 30th November, 2024



Organised by :

Department of Commerce & Management

Rabindranath Tagore Govt. Degree College Sarkaghat, Distt. Mandi (H.P.)

Certificate of Participation

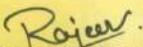
Vivek Chand Chandel

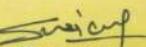
This is to certify that Dr./Mr./Ms. Professor/Associate Professor/
Assistant Professor / Research Scholar/PG/UG Student of

Department of Botany, Govt. College

Bharanj (Clarkward), District Hamirpur, HP.

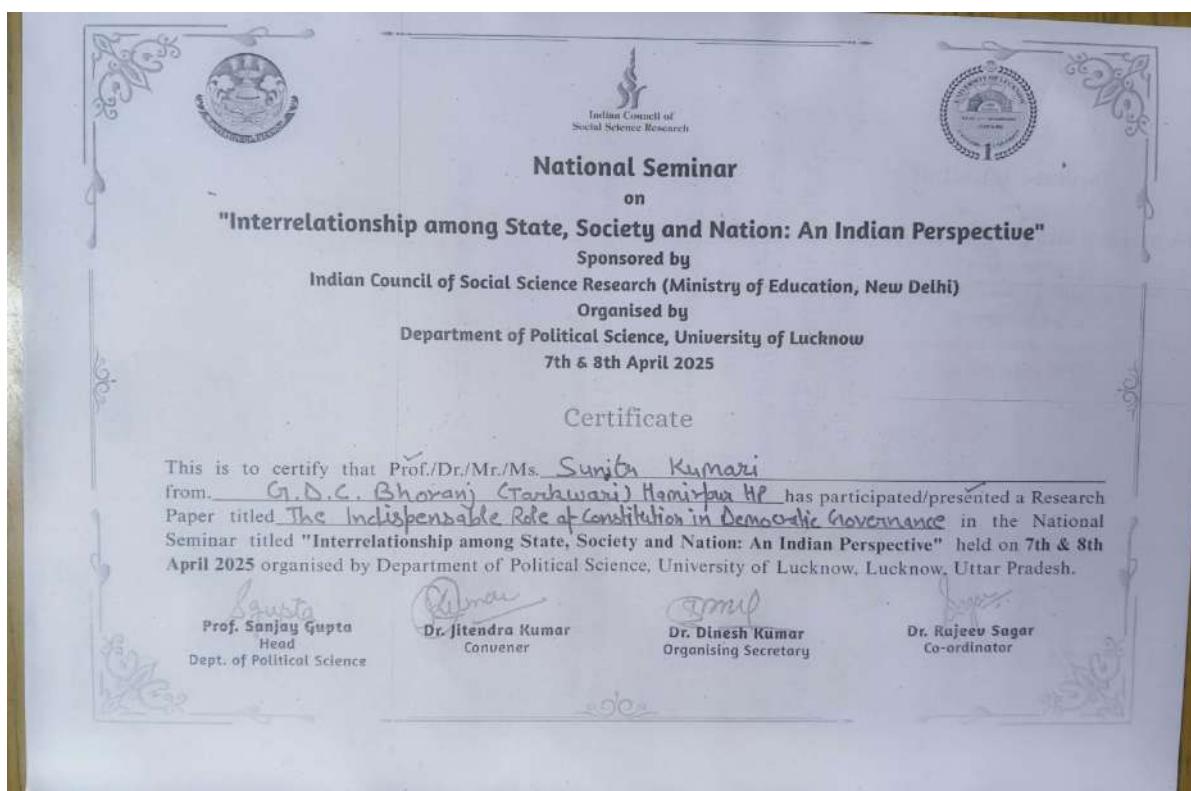
Participated in the Two Day International Conference held on 29th & 30th November, 2024. He/She has
presented research paper/article entitled *The Global Influence of SDGs: Advancing Sustainable
Development Principles across Regions and Sectors*.


Organising Secretary


Convener


Patron (Principal)





CERTIFICATE

This is to certify that

VIVEK CHAND CHANDEL

has participated

in the Webinar on **Opportunities in Data Science and AI**

organized by **ipsr solutions limited** on **29th October 2024**.

Certificate ID: cSR4JA9VM8


Active Windows
Dr. Mendus Jacob
M.D & C.E.O - ipsr solutions limited Active Windows.
Director Valin Technologies, UK, USA, Canada.
Professor & Director, MCA
Marian Polonia Muthukrishnam (Autonomous)

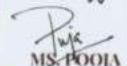
Certificate No.: EDN/GCB(TRK)/2024-25-ICRISE/- 104

INTERNATIONAL CONFERENCE
on
Resilient Women, Innovative Solutions & Sustainable Environment
RISE-2024
organized by
WGRC & IQAC
GOVERNMENT COLLEGE BHORANJ (TARKWARI)
Accredited by NAAC with grade 'B'
District Hamirpur, Himachal Pradesh, India
(November 25-26, 2024)

CERTIFICATE

This is to certify that Dr. Vivek Chandel Assistant Professor Botany
of Govt. College Bhoranj (Tarkwari) Hamirpur (H.P.)
participated in the Two-Day International Conference on 25-26 November 2024 & presented a paper/poster titled

"Solar Energy: The Green Technology Illuminating the Path to Sustainable Future"


Ms. POOJA
Organizing Secretary


DR. MOHINDER GULERIA
Convener


DR. ASHA DEVI
Coordinator


DR. VIJAY THAKUR
Principal & Patron





"INTERNATIONAL WORKSHOP ON SUSTAINABLE DEVELOPMENT AND ENVIRONMENTAL CONSERVATION"

CERTIFICATE OF PARTICIPATION

This to certify that

PROF. VINAY KUMAR
Of

ASSISTANT PROFESSOR IN HINDI GOVT. COLLEGE BHORANJ
has successfully participated in seven days international workshop from 13 to 19 February 2025 (Hybrid) on Sustainable development and Environmental Conservation, Organized by Department of Geography, Thakur Jagdev Chand Memorial Govt. College Sujanpur Tihra, Distt. Hamirpur (H.P.)

Convenor Prof Rajeev Kumar
Assistant Professor Geography

Co-Convenor Prof Vandna Kumar
Assistant Professor English

Dr. Ajai Singh Banyal
Patron Cum Principal

ANUSANDHANAM - 2024 INTERNATIONAL CONFERENCE

on
"Sustainability and Resilience: Emerging Paradigms in Management,
Agribusiness, Tourism, Commerce and Social Sciences"
(2nd-3rd DECEMBER, 2024)
in collaboration with
NON-COLLEGIATE WOMEN'S EDUCATION BOARD (NCWEB), UNIVERSITY OF DELHI

CERTIFICATE
OF PARTICIPATION

S. NO. CPUHSREPMATCS-2024
53FEAM-CE000088

This is certified that Prof/Dr/Mr/Ms Mr. Pawan Kumar, Assistant of
Department of Commerce, Government College Bhoranj (Tarkwari) Distt. has participated and presented a
paper as Oral Presentation on the topic Financial Sustainability of Municipal Corporations in Himachal Pradesh: A Case Study Shimla Municipal Corporation
in International Conference on "Sustainability and Resilience: Emerging Paradigms in Management, Agribusiness, Tourism, Commerce and Social Sciences" organized by School of Management & Liberal Arts, Career Point University, Hamirpur (H.P.) India in collaboration with Non-Collegiate Women's Education Board (NCWEB), University of Delhi on 2nd & 3rd December 2024.

3rd International Conference
ON
**Biodiversity: Exploration, Exploitation and Conservation for
Sustainable Development(ICB-03)**

6-7th March, 2025

Organized by:



Department of Botany

In Association with

Department of Zoology, IQAC & Eco-club,

Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya, Behali,
Assam, India

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Certificate

This is to certify that Naresh Kumar of Department of Physics, Govt. College Bhoranj (Tarkwari), Hamirpur, (H. P.) has presented a paper entitled "THE ROLE OF PHYSICS IN SUSTAINABLE DEVELOPMENT " during the 3rd International Conference on "Biodiversity: Exploration, Exploitation and Conservation for Sustainable Development" during 6-7th March, 2025 at PDUAM, Behali, Assam, India

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6. CONFERENCE /WORKSHOP ORGANISED INTERNATIONAL CONFERENCE RISE 2024



भोरंज कालेज में पढ़े गए 350 शोध पत्र

भोरंज (हमीरपुर), 26 नवम्बर (रवि): राजकीय महाविद्यालय भोरंज में दो दिवसीय अंतर्राष्ट्रीय सम्मेलन राइज-2024 का आयोजन किया गया। सम्मेलन में 350 शोध पत्र पढ़े गए। समापन समारोह में डॉक्टर रुचि रमेश प्राचार्य राजकीय महाविद्यालय दाढ़लाधाट ने बतौर मुख्यातिथि शिरकत की।

स्थानीय महाविद्यालय के प्राचार्य डॉक्टर विजय ठाकुर, शिक्षक, गैर शिक्षक वर्ग और विद्यार्थियों ने उनका स्वागत किया। सह प्राध्यापक संजय और डा. रुचि रमेश ने बताया

कि 21वीं सदी महिलाओं की सदी है। उन्होंने बताया कि महिलाओं की जनसंख्या 50 प्रतिशत है, इसीलिए किसी भी चुनौती से निपटने के लिए उनकी भागीदारी आवश्यक है।

ग्लोबल वार्मिंग जैसी समस्याओं से महिलाओं की भागीदारी से भी सफलता से निपटा जा सकता है। सम्मेलन में डॉक्टर बलराम भट्ट व डॉक्टर पिंकी रानी ने बताया कि नेपाल में कैसे महिलाओं वर्गी भागीदारी से टिकाऊ पर्यावरण की दिशा में सफलता प्राप्त की जा रही है।

महिला सशक्तिकरण: विपत्तियों से उपलब्धि तक" पर गोष्ठी आईजीयू की सहायक प्रोफेसर पिंकी ने मुख्य व्याख्यान दिया

साधोष अपटेट. रेताड़ी।

हमीरपुर

हमीरपुर, हिमाचल प्रदेश के सरकारी कॉलेज में रेताड़ी इंदिरा गांधी विश्वविद्यालय, हमीरपुर की सहायक प्रोफेसर डॉ. पिंकी ने 'महिला सशक्तिकरण: विपत्तियों से उपलब्धि तक' विषय पर मुख्य व्याख्यान प्रस्तुत किया। यह व्याख्यान 'सशक्ति महिलाएं, नवाचारी समाधान और स्थायी पर्यावरण' विषय पर आयोजित अंतर्राष्ट्रीय सम्मेलन के दौरान दिया गया, जो कि सरकारी कॉलेज भेरेज (तरकारी), जिला हमीरपुर,

हिमाचल प्रदेश द्वारा आयोजित किया गया था।

डॉ. पिंकी ने शुरूआत नेल्सन मडेला के शब्दों से की: "मुझे मेरी सफलता से मत आकिए, बल्कि मुझे इस बात से आकिए कि मैं उन्हें खड़ा हुआ।" इसके साथ उन्होंने यह संदर्भ दिया कि असफलताएं हमारे स्कॉलर नहीं बल्कि आगे बढ़ने के लिए सीढ़ियां होती हैं। डॉ. पिंकी ने अपने व्याख्यान में इतिहास की ऐसी महिलाओं के प्रेरक उदाहरण दिए, जिन्होंने विपरीत परिस्थितियों का सामना करते हुए



सफलता के नये आयाम स्थापित किया। उन्होंने सावित्रीबाई फुले, माया एंजली, मलाला यसुकर्जई, मैरी क्यूरी और हेलेन केलर जैसी

हासिलयों का उल्लेख किया। इन महिलाओं ने यह सिद्ध किया कि जुङालूपन, आत्मविश्वास और सकारात्मक दृष्टिकोण के

साथ हर चुनौती को अवसर में बदला जा सकता है। कई महिलाओं ने अपने जीवन में असंख्य कठिनाइयों का सामना किया है और फिर भी समाज के लिए प्रेरणा बनवाकर उभरी हैं। डॉ. पिंकी ने कॉलेज के प्रिसिपल डॉ. विजय ठाकुर, सम्मेलन के आयोजकों और उपस्थित गणमान्य व्यक्तियों का आभार व्यक्त करते हुए, कहा कि यह मंच महिलाओं के संघर्ष और सफलता के अनुभवों को साझा करने और एक नई सोच विकसित करने के लिए बहुद महत्वपूर्ण है।



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7. Numbers of Paper Published in UGC Carelist and Non-UGC Carelist Journals: UGC Care List = 07, Non UGC= 11



<https://africanjournalofbiomedicalresearch.com/index.php/AJBR>

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Research Article

Off-Target Effects of Synthetic Sex Hormones: A Study on Spleen and Liver of female mice

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Abstract:

Synthetic female sex hormones are the cornerstone of many contraceptive methods. The combined oral contraceptives (COCs) are generally used in good faith but they can disrupt the intricate balance of the body's systems, potentially affecting the normal functioning of the vital organs in females. This study examined the synergistic effect of two common synthetic hormones used in COCs - Ethinylestradiol and levonorgestrel. The study focused on the histopathological changes and oxidative stress levels in spleen and liver using female BALB/c mice. The mice were exposed to two different doses of the COC - Human Equivalent Dose (HED: 0.74µg COC/20g body weight) and ten times that of human equivalent dose (10HED: 7.4µg COC/20g body weight) and significant histopathological and biochemical changes in the organs were observed. The results indicate a dose dependent effect on the histoarchitecture of both the tissues. The significant alterations in activities of stress related enzymes also highlight the susceptibility of these organs to oxidative damage induced by synthetic hormones. We suggest that the long-term use of these drugs could potentially lead to serious impact on non reproductive off-target organs which may generate severe health implications in females and hence it is crucial to explore strategies that mitigate their potential side effects.

Key findings:

- Spleen and liver tissues from hormone-treated female mice unveiled significant histopathological damage, suggesting severe impact on the non-reproductive organs.
- Biochemical analysis of antioxidant enzymes suggests that synthetic female sex hormone use may increase oxidative stress in females.
- The findings highlight potential long-term health risks with crucial implications for public health and underscores the urgent need for further investigation into the long term effects of COCs on female health.

Keywords: Ethinylestradiol, Levonorgestrel, histopathology, oxidative stress, Contraceptives, sex hormones.

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A review on polymer electrolyte materials in context to modifications in PVDF-HFP polymer host

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Abstract

Polymer electrolytes emerged as a viable candidate for advanced battery technologies. Incitation to develop polymer electrolytes emanate from the issues faced by the liquid and solid electrolyte based lithium ion batteries (LIBs). Polymer electrolytes highlighted the improvement in ion conductivity, electrochemical stability, enhanced safety, strength and flexibility. Different polymers are being explored for their remarkable performance in the LIBs. In this context, the key polymer used in modern batteries is poly(vinylidene fluoride-co-hexafluoropropylene), *i.e.*, PVDF-HFP, which has excellent features like thermal stability, mechanical strength, Li-ion conductance, metal salt absorption, and other properties measured in battery formations like discharge capacity, coulombic efficiency, etc. This polymer is used in both solid (including the composite solid electrolyte) and gel polymer electrolytes. Keeping in view the energy demand and material scarcity in renewable energy storage, various properties of the polymer electrolytes need to be improved. This progress demands the addition of certain additives in sole PVDF-HFP. In this context, this article exhaustively reviewed the role of mixing other plasticizers, active and passive fillers in PVDF-HFP with their effect on the various parameters along with future materials. The role of future materials like metal organic frameworks (MOF) will certainly revolutionized the progress in electrolyte material thus focusing on the real-world performance and commercialization of the LIBs.

Keywords PVDF-HFP · Solid polymer electrolytes · Gel polymer electrolytes · Li-ion battery · LiPF₆ · Polymer formulations

Introduction

Exponential utilization of fossil fuels urges the efficient use of new clean energy sources. Renewable energy sources are the best replacements but solely are futile which leads towards the development of energy storage devices such as batteries and super-capacitors [1, 2]. These devices acts as secondary energy sources which stores the energy for its future use in powered electric vehicles, portable electronic devices etc. [1–3]. Rechargeable batteries such as lithium-ion batteries (LIBs) have more attention due to their large-scale use in electrical systems in the emerging technological world [4, 5]. LIBs have the advantages of smaller size, light weight, longer service life, high specific energy, good capacity and efficiency [6–8].

LIBs consist of different components: cathode, anode, separator and electrolyte. The role of separator is: (i) to prevent the short circuits caused by direct contact between cathode and anode serves to prevent the two electrodes; and (ii) to provide the necessary pathways for Li-ion migration through the electrolyte. Continuous use of LIBs demands

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Impact of Hormonal Contraceptives on Splenic Architecture and Cytokine Response in *Neisseria gonorrhoeae*-Infected mice

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ABSTRACT

Neisseria gonorrhoeae is a Gram-negative bacterium causing gonorrhea, a sexually transmitted infection. To study the effect of combined oral contraceptives(COC) on the immune response of mice, we selected the key lymphoid organ, spleen which is known to integrate innate and adaptive immunity and is sensitive to hormonal and environmental influences. Female BALB/ c mice were divided into 4 groups named as COC Treated(T), Infected with *N. gonorrhoeae* (I), COC Treated Infected(TI), and Control where mice were kept without any treatment (C). The spleen's histological examination showed that although infection alters the splenic structure, leading to amyloidosis, hemosiderin buildup, and a loss of red and white pulp differentiation, pretreatment of the group with COC only led to decreased cellularity and structural disarray of splenic compartments.

MDA levels in the TI group were stable, indicating a compensatory antioxidant response. SOD activity was significantly decreased in the T group, but remained insignificantly altered in the I & TI group. Catalase activity dropped insignificantly in all groups, indicating a disabled H₂O₂ detoxification system. while GSH levels remain maintained. These results indicate that infection and COC perturb the splenic redox balance, but in combination may activate adaptive antioxidant systems. Limited inflammatory response in spleen during *Neisseria gonorrhoeae* infection was observed. TNF- α levels declined, suggesting host adaption. COC treatment and bacterial infection maintained high IL- 1 β levels, while TI suppressed inflammatory action and delayed pathogen clearance. An, in general, upregulation of IFN- γ in TI group suggests inactivation of cell mediated immunity. The minimum IL- 10 induction in all groups indicates inadequate anti-inflammatory regulation.



Documenting And Evaluating Key Forage Plants Of Mid-Altitude Forests: Insights From Gaddi Shepherds' Migration Routes

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Abstract: This study systematically records and assesses important forage plants browsed by sheep and goats in the mid-altitude forests along the migratory paths of the Gaddi shepherds, emphasising their traditional applications and ecological importance. Through fieldwork and thorough analysis, 51 forage plant species used by sheep and goats were identified and classified according to their botanical nomenclature, family, habit, and use value. Species like *Rhododendron arboreum*, *Ziziphus mauritiana*, and *Carissa spinarum* demonstrated the highest use values, underscoring their significance in supporting livestock during transhumance. This study highlights the complex understanding possessed by Gaddi pastoralists and their reliance on mid-altitude ecosystems for livestock grazing. The results highlight the importance of incorporating traditional ecological knowledge into forest management and conservation approaches to enhance the sustainability of these vital ecosystems and the pastoralist lifestyle.

Keywords: Forage plants, Mid-altitude forests, Gaddi shepherds, Ethnobotanical analysis, Livestock forage, Transhumance.

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INTRODUCTION

The Indian Himalayan Region (IHR) is acknowledged globally as a biodiversity hotspot, distinguished by its intricate ecosystem and a wide variety of plant and animal species. The IHR encompasses multiple states in northern India, showcasing a diverse array of ecological zones that range from subtropical to alpine environments. Himachal Pradesh, located in the western Himalayas, showcases this diversity through its vast forests, diverse altitudes, and distinct climatic conditions that together sustain a rich variety of flora and fauna (Rawal *et al.*, 2018; Chandra *et al.*, 2024). The mid-altitude forests of this region are crucial for maintaining ecological balance, serving as

transitional zones that connect the lower scrublands with the higher alpine pastures.

The Gaddi shepherds are integral to the cultural and ecological landscape of Himachal Pradesh, representing a semi-nomadic pastoralist community recognised for their transhumant way of life (Nehria and Ghosh, 2024). This customary practice entails the seasonal movement of livestock, such as sheep, goats, horses, and dogs, in reaction to climatic and environmental factors. In the summer season, Gaddi shepherds move to elevated pastures that offer abundant grazing opportunities. As winter approaches, snow blankets the pastures, necessitating the shepherds' migration to lower altitudes in search of accessible forage (Bhasin, 2011).



Utilization of Forage Plants by Livestock of Migrating Gaddi Shepherds in low-altitude scrublands of Hamirpur and Una Districts, Himachal Pradesh

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ABSTRACT: This study investigates the forage species utilised by Gaddi shepherds in the low-altitude scrublands of Hamirpur district, Himachal Pradesh, during their seasonal migrations. The Gaddi community employs traditional knowledge to oversee livestock health and nutrition by utilising a range of plant resources that are well-adapted to the warmer, low-altitude environment. Key forage species identified are *Lepidagathiscuspidata*, *Medicago denticulata*, *Cynodondactylon*, and *Grewia optiva*, noted for their carbohydrate-rich content and capacity to meet the energy requirements of livestock in these regions. Nutritional analyses reveal significant variability in moisture, ash, protein, fibre, and carbohydrate levels across different species, highlighting the adaptive forage potential of scrubland flora. The results emphasise the sustainable grazing methods employed by Gaddi shepherds, which play a crucial role in preserving biodiversity and maintaining ecological balance in low-altitude scrubland ecosystems. This study deepens the comprehension of forage resources that support pastoral systems and highlights the importance of maintaining traditional knowledge for sustainable livestock management.

KEYWORDS: Gaddi shepherds, forage plants, low-altitude scrublands, sustainable pastoralism, traditional knowledge

I. INTRODUCTION

Transhumant pastoralism represents a traditional way of life in the Himalayan region, intricately woven into the cultural fabric of communities such as the Gaddi shepherds of Himachal Pradesh (Saini, 2020). The Gaddis engage in transhumance, migrating their livestock seasonally between high-altitude summer pastures and low-altitude winter grazing areas. The cyclical movement is essential for sustaining livestock health and productivity, while also contributing to

ecological balance via regulated grazing practices (Bhasin, 2011). This practice entails the seasonal movement of livestock, mainly sheep and goats, across varying altitudes to utilise the best grazing resources, a method that corresponds with the climatic and ecological characteristics of the region (Malhotra, 2023; Thakur et al., 2024). This method of regulated foraging enables shepherds to effectively manage rangelands, fostering plant regeneration in grazed regions, minimising soil erosion, and maintaining biodiversity within an integrated land-use framework that combines trees and shrubs with crop and livestock production (Louhaichi et al., 2022). It also supports pastoral practices by improving forage availability and stabilising the ecosystem (Gebeyehu et al., 2021). In the realm of migratory pastoralism, forested and scrubland areas across different altitudes, especially low-altitude scrublands, serve as crucial forage resources for livestock throughout their migration (Dong et al., 2016). The low-altitude scrublands present a varied selection of forage plants that sustain the livestock during the periods when the high-altitude pastures are under snow (Radotra et al., 2015).

The nutritional value of forage plants plays a vital role in maintaining livestock health and enhancing productivity (Geng et al., 2020). For migrating animals, forage that is abundant in proteins, fibres, fats, and minerals is essential for providing sufficient nutrition and energy throughout the demanding migration phases (Khanal et al., 2022). The levels of protein in forage play a vital role in the growth and maintenance of livestock, whereas the fibre content enhances digestive efficiency in ruminants such as sheep and goats (Chand et al., 2022). The values of Neutral Detergent Fibre (NDF) and Acid Detergent Fibre (ADF) are important, as they reflect the digestibility and quality of the forage consumed,



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Depletion of ozone layer: Review in reference to galactic radiations

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ABSTRACT

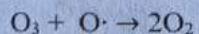
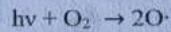
This review work represented the effect of various galactic activities, including solar cycles and some key elements of environmental pollution, in the variation of the total ozone column of the earth's atmosphere. The various old and new works by various researchers worldwide, including the data shared by various international agencies, are reviewed; the research design is based on the fact that measurable dissociation rates have been reported by various researchers due to the interaction of highly energetic charged contents of the galactic radiations with ozone with the fact that a wavelength of radiation and energy of 5 eV are required for its photolysis. In 2003, researchers reported an event that caused ozone depletion in the mesosphere to reach up to 80%. Based on the charge content of galactic radiations and solar flares in the earth's crust's magnetic field, it was decided that charged particles move toward the poles according to Fleming's left-hand rule. This means that the particle intensity changes with latitude, reaching its highest point near the earth's poles. Therefore, the depletion of ozone in stratospheric space over the poles is primarily influenced due to its lower population density; the southern hemisphere experiences a significant release of greenhouse gases, which exacerbates the ozone column's depletion, indicating a greater role for natural causes such as galactic interference, able for its depletion.

Introduction

As evident from various spectroscopic studies, ozone is a well-established triatomic nonlinear oxygen molecule (Gerhard, 1932). Even with its lower concentration in the atmosphere (1 mg/m³), it has a crucial role in protecting us from UV solar radiation (Barbe *et al.*, 2022a). The ozone has a non-homogeneous distribution in the atmosphere; its density increases with elevation from the earth's surface, forming maxima at altitudes of 20–25 km. The discovery of the 'ozone hole' in Antarctica in the 1970s stimulated research activities aimed at exploring the characteristics of ozone. The early studies have resulted in the conclusion that those anthropogenic activities that lead to increased CO₂ concentration in the atmosphere may be the cause of ozone layer depletion. As research and technology progressed, NASA's satellite data confirmed that the ozone hole spans the entire Antarctic continent (World Meteorological Organization (WMO), 2022, 2). This critical situation led to the Montreal Protocol, which regulates the production and consumption of nearly 100 man-made chemicals, including chlorofluorocarbons (CFCs), mainly responsible for ozone depletion.

According to the Chapman Cycle (Rowland, 2006), solar UV radiations in the stratosphere (with full

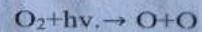
absorption of the most energetic fraction of solar radiations) create the ozone layer.



Ozone can also be recycled into molecular oxygen by reacting with photon:

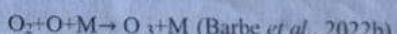


(where the wavelength of UV radiations is less than 240 nm and energy > 5 eV).



(where the wavelength of UV radiations is less than 240 nm and energy > 5 eV).

One thing is to be noted only a limited fraction of the solar spectrum has the photons of such a high amount of energy. Ozone is produced when one oxygen atom and one oxygen molecule colloid in the presence of another particle M which could be N₂ or O₂



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WOMEN CLEVERNESS IN PREMCHAND'S STORIES

Vinay Kumar*

Abstract: Premchand is also called the Indian Shakespeare. He is a social novelist and storyteller. Women are physically weaker than men. In the society of men, cleverness is the quality that protects them. Since ancient times, we have been hearing stories of women's cleverness. Cleverness means skill and grace in dealing with others. Since ancient times, the world has admired women's tendency to be talkative and eloquent. In the Hindi literary tradition, where women were not present as more than just characters in the stories, Premchand made the political advisory expression of his female characters possible by placing them on a solid socio-economic basis. Literary critics and historians have tried to understand the voice of women in Premchand's literature, and every time, our understanding of Premchand's literature has increased. The community of female characters formed in Premchand's fiction can be broadly included in four categories. The first category is of women who have taken the ideal form of womanhood, the second category is of women who are influenced by Western culture and are not at all perfect women, the third category is of those who are exploited and suppressed, and the fourth category is of women who are rebels or raise their voice and are clever. Premchand has depicted clever women in his stories who avoid being exploited by their cleverness. They not only protect themselves but also rescue their loved ones from trouble. In many places, women have misused their cleverness, and instead of helping other women, they have been put in more trouble. Premchand has described the cleverness of women in his stories with outstanding balance. Women are clever by nature. The only thing is that they should not let their emotions dominate their cleverness.

Premchand's pen has been very useful in writing stories and novels. Premchand is a famous novelist and a top-class story writer. Premchand's stories are compiled in eight parts under the name *Manasarovar*. Premchand has written more than three hundred stories. Premchand is an idealistic -realistic story writer. Everyone likes the ideal form of life. However, life is what it is in reality. That real life has to be lived. Nevertheless, the ideal form of life fills that real life with a ray of hope. Hope is the most tremendous boon given to man by God. Every man wants to live a good life. He always strives for it. Life is very simple; it is a man who makes it complex. If man works smartly, then even complex life becomes simple. All tasks done smartly are accomplished. Shyness, sarcasm, and cleverness are feminine qualities. Women are physically weaker than men. In the society of men, cleverness is the only quality that protects them. From ancient times, we have been hearing stories of women's cleverness. Premchand is a social writer. Most of his literature is written on women's problems. He has depicted women's cleverness in great detail in his stories. From *Agyochara*, *Shatranj ke Khiladi* to *Idgah*, women's cleverness is described in great detail in stories.

Premchand is also called the Indian Shakespeare. He is a social novelist and storyteller. Premchand has written stories about the then-Indian society. At that time, the country was ruled by the British. The country was bound in the shackles of slavery. Whether it is the Vedic period, the British rule, or the present modern times, women have always been bound in the shackles of the slavery of men. Despite being weaker than men in physical strength, women have made them dance on their fingers on the strength of their cleverness. Men tortured women who lacked cleverness. She was left as an object of

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Impact of Covid-19 at different levels on the Indian Education System: A Review

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Abstract: The COVID-19 pandemic has profoundly affected education systems across the globe, bringing significant challenges while also driving technological advancements. The abrupt closure of schools worldwide necessitated a rapid shift to online learning, exposing technological barriers and insufficient knowledge of digital platforms among both educators and learners. Socioeconomic and geographic disparities became more pronounced, with marginalized communities facing significant hurdles in accessing quality education. The pandemic also intensified psychological issues, including anxiety, depression, and social isolation, affecting student engagement and motivation. Educational policies and practices underwent substantial modifications, including shifts in assessment methods and the introduction of innovative teaching strategies. Teachers and staff experienced increased workloads and stress, underscoring the need for professional development and mental health support. Long-term consequences of the pandemic include potential learning loss and educational gaps, which may impact future generations. However, the crisis also accelerated technology integration in educational institutions and fostered a reimagining of traditional teaching models. Globally, the impact varied between developed and developing countries, highlighting the importance of international collaboration and support. The educational system faced numerous challenges as a result of the COVID-19 epidemic, also it catalyzed resilience and adaptability, prompting a re-evaluation of educational approaches and the potential for positive, long-lasting reforms.

Keywords: Anxiety, COVID-19, Depression, Educational policies, School.

1. INTRODUCTION

Review Article

Open Access

Seabuckthorn- A Traditional Versatile Plant Species in Cold Desert Region of India



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ABSTRACT

Sea buckthorn as an ancient economically and ecologically important plant with modern traits recently gained global attention due to its nutritional and therapeutic properties. It is one of the most important, underutilized plants at high altitudes, in the cold desert region of the Spiti Valley which has immense industrial, medicinal, cosmetic, and pharmaceutical importance. Numerous bioactive chemicals, such as vitamins A, C, and E, unsaturated fatty acids, and phenolic compounds which bestow favorable effects on the cardiovascular system, may be found in the plant's leaves, fruits, and oils. Additionally, Sea buckthorn has a lot of potential as a bio-resource for land reclamation because of its ability to bind soil, provide rapid surface cover, fix nitrogen, and endure cold and drought. However, research on sea buckthorn is still limited due to a number of issues, including a lack of meticulous field studies, data gaps, and the difficulty of accessing remote cold desert areas, despite its enormous potential. Due to its multipurpose nature, the plant is widely utilized to obtain different valuable products such as oil, wine, medicinal supplements, and other products. This brief review summarises the current literature, highlights ecological and economic potential, and significant knowledge identified on Sea buckthorn which will give momentum to recognise it as an exceptional plant in the Spiti Valley.

Keywords: Sea buckthorn, Fruit berries, Socioeconomic, Cold desert, Spiti Valley, Trans-Himalayas, Nutritional properties, Bio-resource, Soil conservation

Introduction

Cold deserts are significantly distinct biome in Indian Trans-Himalayas which range from Himachal Pradesh in areas of Lahaul & Spiti and upper areas of Kinnaur, Jammu & Kashmir in Leh, Ladakh and Kargil, Uttarakhand in Uttarkashi, Chamoli and Pithoragarh and North Sikkim in Lachung and Lachen valley with a total geographical area of about 1,26,400 square kilometer[1]. The area is characterized by severe cold winters, moderately hot summers, and arid or semi-arid conditions with an average rainfall of 25 mm to a maximum of 400 mm (low rainfall), snowfall 3-12 ft. (high snowfall), and temperature ranges from -40 to 33 °C. About 11,000 km² of Himachal Pradesh is covered by cold deserts, of which Spiti Valley makes about Sea buckthorn 7100.81 square kilometer[2]. It is one of the worst scoured areas on earth and lies on the leeward side of the Greater Himalayan ranges having an extreme climate of short-lived summer and a long freezing winter[3]. Like other cold desert areas, Spiti Valley has also limited natural resources with lesser vegetation and only a few plants like Sea buckthorn are able to adapt and thrive in frozen harsh climatic conditions. Sea buckthorn commonly refers to all taxa of genus 'Hippophae'[4-8] which comes from two Latin words, 'Hippo' which means Horse, and 'Phaos' means to shine and combined means to shimmering horse[9] belongs to the family 'Elaeagnaceae' and native to Europe and Asia[10] and it naturally grows in

locations near to the sea, specific traits which build up its name. The *Hippophae* species is widely distributed across Asia and Eastern Europe including India, China, Pakistan, Mongolia, and Russia. There are usually 7 species and 8 sub-species of *Hippophae* globally [11]. The four species namely *Hippophae rhamnoides* L. subsp. *Turkestanica* Rousi, *Hippophae tibetana* Sch., *Hippophae salicifolia* D. Don and *Hippophae rhamnoides* subsp. *Gyantsensis* Rousi is reported to occur in India [12] and out of which three species of Sea buckthorn (*Hippophae rhamnoides* L. subsp. *Turkestanica* Rousi, *Hippophae salicifolia* D. Don and *Hippophae tibetana* Sch.) are found in Spiti, Himachal Pradesh [13] and their distribution and growth behavior pattern is described [14-16] in Table 1. Sea buckthorn is also locally called as Chharma, Sutz, Tirkug, Chasterlulu, Sarla or Pilickcha, in Himachal Pradesh; Tsemarang and Chasterlulu in Ladakh; Tare and Taroobo in the north-east region and Ames and Chuk in Uttarakhand [17-18].

Sea buckthorn is a deciduous, thorny plant species, dioecious or occasionally monoecious, spinaceous and arborescent shrub varying in height from 50 cm to 8 m mainly found in low humid, alluvial soils, wet-lands and riverside with brown rusty-scaly shoots with altitude ranging from a few meters to 5200 meters having the surprising ability to grow and survive under unfavorable conditions (-40 to 40° C), has small silvery leaves, colorful red, orange or yellow berries, extensive subterranean rooting systems with nitrogen-fixing nodules which helps in atmospheric nitrogen fixation[19,20] and strong soil binding capacity [21]. The plant is pioneer, multipurpose, fast growing usually drought and cold tolerant, aiding farmstead protection, land reclamation, biodiversity protection, soil conservation,

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अपनी माटी

(साहित्य और समाज का दस्तावेज़ीकरण)

चित्तौड़गढ़ (राजस्थान) से प्रकाशित त्रैमासिक पत्रिका

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अप्रैल-जून, 2025

म्पादक माणिक एवं जितेन्द्र यादव **कथेतर-सम्पादक** विष्णु कुमार शर्मा छायाचित्र दीपक
चंदवानी



Mathematics in the age of AI: Transformations and Future Directions

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Abstract: Artificial Intelligence (AI) is exerting a transformative influence on the discipline of mathematics, reshaping both theoretical inquiry and practical engagement. In mathematical research, AI systems particularly those employing machine learning, symbolic computation, and automated reasoning are facilitating novel approaches to theorem discovery, proof verification, and conjecture generation. These tools are augmenting human intuition and expanding the frontiers of mathematical exploration by uncovering patterns and relationships that might otherwise remain obscured. In the educational domain, AI technologies are enabling more personalized and adaptive learning environments. Intelligent tutoring systems and algorithm-driven platforms are redefining mathematics pedagogy by offering tailored instruction, real-time diagnostics, and scalable feedback mechanisms. Such innovations hold promise for improving learning outcomes and democratizing access to mathematical knowledge. AI's impact is equally evident in applied mathematics, where data-driven models and optimization techniques are being integrated into fields such as engineering, economics, and the natural sciences. These applications demonstrate AI's

ORIGINAL ARTICLE

A Study of Some Key Enzymes Within Leishmania Through Comparative Molecular Modelling Techniques

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ABSTRACT

Leishmaniasis, a protozoan disease caused by the Leishmania genus, poses a significant global health threat with diverse manifestations across various regions. Despite affecting millions worldwide, there's a scarcity of vaccines, and the available chemotherapeutic agents exhibit high toxicity. This study focuses on understanding pivotal enzymes within Leishmania crucial for its survival. Using computational approaches like comparative modeling and docking analyses, six key enzymes were explored: Mitochondrial DNA primase, Universal Minicircle Sequence Binding Protein (UMSBP), DNA primase large and small subunits, enolase, and trypanothione. Various tools like I-TASSER, Phyre2, and Swiss Model were utilized to generate structural models, emphasizing the challenges encountered due to low sequence identity in some enzymes. Particularly, the mitochondrial DNA primase, with less than 30% identity, was modeled via I-TASSER. The generated models serve as a foundation for further empirical studies and potential drug development against Leishmania, highlighting the urgency for therapeutic advancements against this neglected tropical disease.

Keywords: Leishmania, enzymes, computational tools, I-TASSER, Phyre-2, Swiss model

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INTRODUCTION

Leishmaniasis, a protozoan disease caused by the Leishmania genus, is a significant global concern. This genus, found within the Trypanosomatidae family, possesses unique mitochondrial DNA and a kinetoplast. Around 21 Leishmania species are known to harm humans, leading to diverse manifestations like skin, muco-cutaneous, or visceral presentations, varying by species and their pathogenicity. This disease affects approximately 12 million individuals across 98 countries, prevalent in tropical, subtropical, and even European regions. Annually, an estimated two million new Leishmania infections arise globally, including visceral and cutaneous types. The severity escalates notably among HIV-infected patients, increasing the risk of full-blown disease with high relapse and mortality rates [1-4]. Despite being the ninth most burdensome infectious disease, leishmaniasis remains a neglected tropical disease (NTD) concerning drug development. Vaccines against Leishmania are non-existent, and the primary treatment relies on chemotherapy, though the current chemotherapeutic agents are highly toxic to organisms [5-7]. These compelling facts underscore the urgent need for drug development against Leishmania. The current focus is on computationally understanding the crucial enzymes involved in this parasite's survival.

MATERIAL AND METHODS

Receptor enzymes

Six crucial receptor enzymes—Mitochondrial DNA primase, universal minicircle sequence binding protein (UMSBP), DNA primase large subunit putative, DNA primase small subunit putative, enolase, and



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YUYUTSU'S DILEMMA

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From the palace of Hastinapur to every street of the market, everything is decorated. Diwali festival is about to come. From children to old people, everyone is excited about the festival of Diwali. Everyone wants to immerse themselves in this festival of light. On this day, Shri Ram Chandra returned to Ayodhya after spending fourteen years in exile. The people of Ayodhya lit ghee lamps to celebrate his return. Treta Yug has passed and now Dwapar Yug is going on. Yuyutsu is roaming in the streets of the market with his friend Jatin. The streets are very lively. People are shopping for Diwali. Some are buying sweets, some are buying lamps. The excitement of the festival is at its peak. Today is the festival of light. Yuyutsu and Jatin buy some lamps and crackers. Jatin is the son of a maid in the palace. Jatin is a close friend of Yuyutsu. Both are of the same age, so they get along well with each other. In the garden of the palace, Dushasan blocks the way of both of them. He snatches the crackers from both of them. When Yuyutsu protests, Dushasan beats Yuyutsu. Dushasan punches Yuyutsu on the nose. Yuyutsu's nose starts bleeding. Dushasan also slaps Jatin. Yuyutsu runs towards the palace crying. Yuyutsu meets Vidur uncle on the way. Yuyutsu complains to him about Dushasan. Just then Jatin also reaches there. Jatin agrees with Yuyutsu. Vidur uncle gets very angry with Dushasan. Vidur calms Yuyutsu by telling him that he will scold Dushasan.

The next day all the princes gather in the Gurukul. Before making them practice using weapons, Dronacharya discusses ethics with his disciples. Dronacharya says that ethics is to keep oneself alive in any situation by any means. Every action done to save one's existence is just. Every action done by the one who wins is just. During the discussion, Yudhishtira and Duryodhana get into an argument. Dronacharya justifies Yudhishtira's views. Duryodhana gets irritated by this. Yuyutsu is impressed by Yudhishtira's knowledge of Dharma and ethics. He wants to learn ethics and Dharma from Yudhishtira. Yudhishtira also treats Yuyutsu with affection. This is a part of Yudhishtira's ethics. The seasons change in

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**PERSONAL IS POLITICAL: ABORIGINAL WOMANHOOD AND COLONIAL RULE IN
*KICK THE TIN***

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ABSTRACT:

This paper critically examines Doris Kartinyeri's *Kick the Tin* through the lens of the feminist maxim "the personal is political," situating Aboriginal womanhood within the broader context of colonial governance in Australia. The narrative, rooted in Kartinyeri's lived experience as a member of the Stolen Generations, reveals how colonial policies—under the pretence of protection, assimilation, and religious doctrine—systematically disrupted Indigenous culture and weaken Aboriginal women. By exposing the demoralizing impact of authorized child removals, sexual exploitation, cultural erasure, and forced servitude, the text challenges the public-private divide, demonstrating that Aboriginal women's personal traumas are deeply implanted in political histories. The paper further argues that Kartinyeri's autobiographical resistance functions as a political act, reclaiming voice and agency in a system designed to silence. In reinterpreting her life through memory and testimony, *Kick the Tin* not only documents the legacy of colonial violence but also asserts Indigenous womanhood as a site of survival, resistance, and reclamation. Thus, the personal narrative becomes a powerful critique of colonial rule and a call for justice, remembrance, and decolonization.

Keywords:

Womanhood, resistance, assimilation, reclamation, colonial, indigenous

Personal is Political: Aboriginal Womanhood and Colonial Rule in *Kick the Tin*

The personal is political, also called the private is political; is a political slogan that expresses "a common belief among feminists that personal experiences of women are rooted in their political situation and gender inequality" (Kelly n.pag.). There are many ambiguities about the origin of the phrase, 'personal is political' but it became more popular in 1970s when American feminist Carol Hanisch used this title in her essay. The slogan/phrase "the personal is political" created impact across the world under the second-wave feminism. It tried to shape the social analysis and theories, encouraging new types of activism and extending the scope of issues that could be brought under the umbrella of feminism by and large. 'Personal is political' phrase, on the one hand directly hits the universal power structure of patriarchal society, on the other it also provides opportunity to evaluate the life experiences of indigenous women under the colonial system of governance.

The paper doesn't go into the debate of different phases, dynamics and dimensions of feminism but only attempts to analyze how the British colonial policies transplanted European patriarchal power structure and disordered the traditional position of Aboriginal women in Doris Kartinyeri's *Kick the Tin*. The text subtly reveals Aboriginal women's relationship with the white and black men under various policies of 'protection board'. The text exposes the ways adopted by Christian missionaries, colonial administrators and policy makers to destroy the structure of Aboriginal culture and society. In the text all the Aboriginal women and Men have no personal choices, personal space and personal life; everything is controlled through the religious, cultural and colonial strategies of politics. The traditional indigenous women used to be the nub of family, community, culture and economy of Aboriginal world. In this context Mohawk activist Patricia Monture comments that the positive portrayals of traditional gender relations are not enough to understand the position of Aboriginal women in traditional Aboriginal society:

National Education Policy 2020: A Vision For Transforming Education And Its Challenges

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Abstract:

The National Education Policy (NEP) 2020 is a paradigm shift towards holistic and experiential learning with a focus on creativity and critical thinking. It introduces a wave of new reforms including curriculum development with a child-centric approach, vocational and technological advancements in education. Research and job opportunities are intended to be improved through the establishment of National Research Foundation (NRF) and heightened attention on vocational training. NEP 2020 promotes the use of technology and aims to achieve a Gross Enrolment Ratio (GER) in colleges and universities up to 50 percent by 2035. It emphasizes the importance of communication and collaboration with communities and other relevant entities to enhance their capacities. The policy advocates for increased financial commitment to education and explores funding models such as public-private partnerships. Realizing the goals of the National Education Policy 2020 requires not just visionary reforms, but also effective financial management. The ultimate aim is to nurture individuals who are equipped to meet the demands of the new economy while upholding strong ethical principles and intercultural tolerance. This paper evaluates the NEP 2020 and outlines the challenges and implementation issues that may hinder its achievement. Based on the literature of past studies, the study aims to identify the policy's distinctive characteristics, challenges, possible strategies and resources for policy implementation.

Keywords: National Education Policy, Holistic, Technology, Challenges, Implementation

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I. Introduction

An education system rooted in the Indian ethos contributes directly to India's sustainable transformation into an equal and prosperous knowledge society by providing quality education to all, thereby establishing India as a global knowledge superpower (Kumar, 2020). Knowledge, skills, beliefs and attitudes that represent a genuinely global citizen, such as those that promote human rights, sustainable development & living and global well-being (Muralidharan & Singh, 2020). The development of a strong sense of identity as an Indian permeates every aspect of one's existence. The progress of India has emphasized educational reform (Aithal & Aithal, 2019). The NEP 2020 was introduced as a transformative framework aimed at revamping India's education system. Replacing the 34-year old NEP of 1986, it focused on bridging gaps in quality, equity and access to education at all levels. The purpose of the NEP 2020 is to enhance the existing educational structure and to make pre-primary education universal, with a particular focus on ensuring that everyone has basic literacy and numeracy skills by 2025. In order to ensure the quality, it suggests a number of changes at all levels of education. These include changing the curriculum and pedagogy of 5+3+3+4 design, which covers students, aged 3 to 18, improving teacher preparation and reorganizing the educational regulatory framework.

The NEP 2020 intends to implement formal and non-formal learning models. Classes provide formal

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सारांश

आप साहित्य की जिस भी विधा का अध्ययन कर रहे हैं, उसमें समाज में व्याप्त समस्याओं को दिखाया गया है कि नहीं। कोई भी साहित्यकार कहानी या कविता में व्याप्त समस्याओं को चित्रित जरूर करता है। यह उसकी सामाजिक चेतना है। चंद्रधर शर्मा 'गुलेरी' की कहानी 'उसने कहा था' में एक सैनिक के चरित्र का चित्रण है। यह लेखक पर निर्भर करता है कि जीवन के यथार्थ को अपनी रचना में किस रूप में और कितना व्यक्त करे। साहित्य चाहे कविता हो या कहानी, वो तभी सार्थक है जब उसमें सामाजिक यथार्थ बोध हो। लेखक अपने समय और समाज को अभिव्यक्त करने के साथ - साथ अपने समय के सवालों, विसंगतियों और चिंताओं से मुठभेड़ करता है। 'परिंदे' कहानी में निर्मल वर्मा की मनोवैज्ञानिक सूझबूझ उभर कर सामने आयी है। 'परिंदे' कहानी में पात्रों को अपनी चेतना से जूझते हुए दिखाया गया है। एस. आर. हरनोट का उपन्यास 'हिडिंब' प्राकृतिक एवं सांस्कृतिक चिंताओं को विमर्श में लाने की एक विनम्र कोशिश है। यह उपन्यास हिंदी के पाठकों के लिए बिल्कुल अपरिचित ^A ^{Go} लोक में प्रवेश करने जैसा है जहां देवता है, गूर है, उनके कारकून हैं और काहिका

वर्तमान समय में भारतीय न्यायपालिका में सुधारों की आवश्यकता

विनय कुमार

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सारांश

विधायिका, कार्यपालिका, न्यायपालिका और मीडिया लोकतंत्र के चार स्तंभ हैं। आजादी के बाद से विधायिका में सुधार होते रहे हैं। जैसे कि दल - बदल कानून। कार्यपालिका में भी सुधार होते रहे हैं। जैसे कि सूचना का अधिकार कानून। मीडिया के सुधार उसकी स्वतंत्रता में ही निहित हैं। वर्तमान समय में न्यायपालिका में सुधारों की आवश्यकता है। परिवर्तन प्रकृति का शाश्वत नियम है। पतझड़ में पेड़ों के पुराने पत्ते झड़ जाते हैं और वसंत में नई कोंपलें उग आती हैं। समय के साथ सामाजिक व्यवस्था में परिवर्तन आया है। इसी बदलाव के समानांतर न्यायपालिका में भी सुधारों की आवश्यकता है। वर्तमान समय में कुछ पुराने कानून जड़ हो चुके हैं, तो कुछ नए बनाए गए कानून प्रासांगिकताहीन हैं। उच्च न्यायालय अपने अधीनस्थ न्यायालयों पर न तो नियंत्रण रख पा रहा है और न तो उनका मार्गदर्शन कर पा रहा है। मेरे इस शोध पत्र का उद्देश्य वर्तमान समय में भारतीय न्यायपालिका की कुछ खामियों को सामने लाकर उनको दूर करने के लिए सुझाव प्रस्तुत करना है। इसके लिए मैं अपने इस शोध पत्र में

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कहानी

वाचकात्मक के समय व्याप्ति सूर्य की किंचित्‌पांची की लक्षणी से पहल, उच्चता की साथे की लंका की गतिशीलता की तरह चमक रहे हैं। किंतु की प्राप्ती पर जारी रात्रि व्याप्ति सूर्य के विवरण रही है। किंतु इतनी उत्तराई पर बात ही कि पहली की लंकियों तक सूर्य से जोड़े रितार्द हो रही है। अनन्तरुपर दिवालित की शान है। रात्रा का महान्‌ द्वंद्व विवरण को अंगरेज़ है। संक्षयका की सुन्दरता को विवरण द्वारा उत्तम और जैविक है। तीनी रात्रि की जैवि देवी द्वारा आती है और यारी की दोनों से विषपात्र है। रात्री देवी को जोड़ी रात्रि देवी की रात्रि की दोनों से उत्तम अपेक्षा कर की तरह रक्ख देती है। उसके के समय कालांतर हुन्दूकर राती रात्रि देवी है।

वह देखती है कि रात पालंग पर वर्षी सी रहे हैं । वह अपने कान की विकल्पों से बहार देखती है । उसे की बातों से बाहर प्राप्ति की तरह लाल बाल रही देखती है । रात शायद में तनाव लहरते हुए अपनी बीता का परेंटेंट देखती है औ उसके बाहर देखती है । उसमें दुर्मान सेविक का दिव धर्म यह तो अब काम नहीं हो देते हैं । दुर्मान के कुछ सेविक भागों की शायदी करती हैं, ताकि अनंतरुपु के सेविकों का एक प्राप्त करना तामाज़ा काम हो देते हैं ।

दोस्री देव वा राणा कांठ में आते हैं। तीसीं — “वैयक्त वा वै लोका वा”
— कलात्मक दुर्लभ के लैंगिक हैं। औरें
का यादवा उठ कर बही दीवार पर
बड़े की फिरावा तो वे। पहलेरातों पर
दुसरी देव द्याया और निर्वाणों की
जगा दिया। दुर्लभ के से निर्वाणों ने
भागी दी वैशिष्ट्य की, पर जो तो सी
दुर्लभ रुकु लैंगिक एवं गति। तब
उत्तर पर कर उत्तरांश कांठ-तमाम
कर दिया। १ कलात्मक का फिरा
दुर्लभ पर के फिले की सामने गायी
पहाड़ी पर हैं। तीसों की लैले द्याया और
अजेंव हैं। कलात्मक के फिले का
लैलेदार दंडी विद्युत के राजा वा
कांठ-तमाम और विद्युतारा। कलात्मक का

किंतु मंडी रियासत की शान है। अंबेतपुर का राणा मंडी के राजा की अधीनता स्वीकार करने के लिये बहुत ही है। वह राजनीति का रूप से अंबेतपुर रियासत का राज करता है। राणा एक स्वतंत्र व्यक्ति है। अंबेतपुर के लोग उसके शासन तेज़ी से देखते हैं और उसके लिये उत्सुक हैं। राणा उक्ते सुनू और दुर्गा दोनों अधीनतिकारी हैं। राणा अपार्विती की राजी ली ली। १ ती



रानी लीलावती

५ विनय कुमार
देखते-देखते सत्ता महीने बीत जाते हैं ।
मंत्री के जाता का दरवार लगा होता है ।
राजा का जालांधी - “महाराज मंत्री
लायत् वे जालों की तर्खं शुद्धारु
का गवाह किया है औ एक बाल इस
आरोहे के समरपत्र में सहृदय भी है” ।
राजा जालांधु से - “जालांधु काय तुलने
ऐसा किया है?” जालांधु - “मैं रेतों
काले के बीच में सारे जीव नीहीं सों
सकता” । महाराज जालांधी से -
“मंत्रीराज आप सालू पैकी जितिया” ।
जलांधी जालू पैकी करता है । सालू से
आरोह सिंह हो जाते हैं । ठंड - “जालांधु
तुलना इस अपार्याकी जी सालू कोल
जानता है । अब जालू कोल कोल
जानता है ।

देखता हुए मैं तुर्हें अपने
राज्य से विस्तरित करता
हूं।" जलापु अपने मिश्र से
कहता था कि वह राजा ले
पाने इस अपाराध का बदला जलारा
गया। वह बातों पर राजा की
अनिमत्तता के दर्ता के परिणाम से
कर का प्रहरी घोड़े पर किसी को छार
तरह आज देखता है। इसकी— "तुम
मैं हो तो अपाराध परिचय दो
अज ज न वी ।"
अजबती— "मैं

मंडी की विवरिति
मंडी जालप्. का
राजा एवं वे दो
आजगल की सूत्रान
दो । १० प्रतीक राजा
के जालप् के आगे
की सूत्रान देते हैं ।
राजा जालप् को
अंदर बुला लेते हैं ।
राजा अपने दरवार
में जालप् का
स्थान करता है ।
जालप् का आगे मूलने वे अतिरिक्त
तात्त्व स्पष्टता करता है । राजा के
लालकार दर उसे राजा की करो
लाल देते हैं । वे राजा से बदले हैं कि
पक्षी की हाथों से सूत्रानें पिछ
लेणा । राजा करता है कि सूत्रानें ब

परवाह की कीस है। दिन बीतते बढ़ते हैं। जालून राणा का विश्वासपत्र बढ़ता है। राणा अपने लोगों से जाला बढ़ा पर विश्वास करते लग जाता है। वही लीलापती जालून को अपना वर्धनीय बना लेती है। राणी और जालून में बेला संबंध बन जाते हैं। ऐसा कोई लोग नहीं बता या जब जालून और लापा आपस में हँसी-ज़मान करते

टिक्कां ढंगले लाती है। तभी राणा यहां आते हैं। राणा जो आते देख तभी प्रीप्ट अंड लॉन्च है। जब राणा जो सेविका को तोड़ द्दा - तो उसे बोली बोली के समान आए महाराजा, जिसने बांद जो अक दिया।" राणा इसले लाती है। तभी प्रीप्ट हाथ धरने वाले हैं। राणा प्रीप्ट को लाते हैं तब इसे लाते हैं तब इसे लाते हैं तब इसे लाते हैं। उस तरह तीन लातें मैं वाह लाता राणा मैं पुर्णता हूँ। सभी लोग उम्मेद समाजामें जयापोष करते हैं। राणा शराव का भाया उत्तरे हैं। राणा के भाया उत्तरे हैं तापात वी बुआतामी नहीं जीती है। तो दावाका पूरा मजा उत्तरे हैं। कुछ लोग शराव के नसे में कुल क्षेत्र लाती है। तो कुछ लोग अंतरें के साथ बाला लाती है। तो कोनों में जेवानीमां दूस जो हो जाते हैं।

रात के एक कले तारीख अंबांध नाम की जाती है। दुर्ग की नींवें बंजारों के कारण वही शेरीनी जल रही होती है। बंजारों का यह कारण आज युक्त नहीं गया चुप्पा है। इसका लिया गया विवरण है कि उसके तारों के विशेषताएँ वह बहुत मुश्वार कमाती हैं। मुश्वार द्वारा के दोनों प्रदीरी ही नारी के दोनों पैरों पर होते हैं। बंजारों की एक सरल-अत्यन्त वर्षीय सुंदर युथी शुभ्र द्वार आती है। यह प्रदीरी को देखकर मुश्वारी है। दोनों प्रदीरी उसके पैरों का लोटे हैं। लोटी एक दृष्टि की पैरों पर उसकी अवधारणा वाली वहाँ में पकड़ लेते हैं। लीला वहाँ प्रेम लीला तो वहाँ जो ही जाती है। मुश्वार द्वार का विवरण प्रदीरी के शुभ्रा देता है। इसकी लोटी जीवन पास वहाँ उल्लेख आ सकता है। आलापुर्जी की शीर्षार पर तिन व्याघ्रों जलकर्मी बंजारों को संकेत देता है। वास्तव में बंजारों को यह सेवा में

कविता

सजी प्रकृति

चित्रकार सी पावस बनकर
बूद्धरूप अमृतसर बन कर
बरारी धारा के कपा-कण प
सजी प्रकृति दुर्लभ बनकर ।
हो खेत हरियाली धारी
इतने ने खुशगाली आंटी
नीलाम्बर निराम मन से
पहाड़ खड़े हैं बनतन कर ।
नदी धुकाती सी इतलाती
जल धुकाती सी इतलाती

कदम-कदम पर बल खाति
देख वेग पानी का किनारे
खुद को साथे है संभलकर ।
सुख पा रहे नयन सभी के
होठों पर सुख व्यन सभी के
कान सुन रहे अलौकिक वाण
स्वर्ग की आधा आई चलकर

गंगता है। आरामदूर्दश के पाठ

रानी लीलावती जालपू को द्वापना धर्म आई बना होती है। रानी और जालपू में घनिष्ठ संबंध बन जाते हैं देखा कोई विन नहीं होता था जब रानी और जालपू आपस में हँसी-मजाक बन करते हैं। जालपू का व्यापार और बाजार का ज्ञान राणा के बहुत काम आता है। राणा

— ५८४ —

अटे-डटे सात महीने वी जाहे है ।
मि के रात का दरवाजा लगा होता है ।
जा का जालांची - "महाराज अंबी
लाले ते लाले को ले एक चुन खुदाहु
लाल रियाहु - है । मेरे पास इस
लाले के सरावनी मे लालू की है ।
ज जालू से - "जालू व्या तुम्हे
मा किया है ?" जालू - "मैं
जालू के बाट व्या मे भी नहीं सो
कता ?" महाराज जालांची से -
मंवीर अपा राहु व्या लिजिए ।
मैं व्या मूरुत काला कहा है । सालूसी
लाल रियाहु दें जाते है । ठारू - "जालू
सारे एक अपराह्न का नाल केले
जाते है । देखिए व्यासीन जो व्या
करते है । देखिए व्यासीन जो व्या

जाता है। राणा अपने लोगों से ज्यादा उस पर विश्वास करने लग जाता है। उनी लीलावती जालपू को अपना धर्म मार्ग बता देती है। राणी और जालपू जैसी विश्वास संबंध बन जाते हैं। ऐसा कोई दिन बही होता या जब राणी और जालपू आपस में हँसी-ज़ज़ाक न करते

रानी लीलावती जालपू के
हैं। रानी ड्रौर जालपू में घृणा
कोर्ड दिन नहीं होता था जबकि
हंसी-मजाक न करते हैं।
जाजार का झान राणा के

8. TEACHERS SPECIAL INNOVATIVE IDEAS

TEACHING THROUGH ANIMATION /SIMULATION/LIVE DEMONSTRATION AND FLIPPED CLASSROOMS

16:02 ⓘ ...

Sc Bsc I med +918894620676, Kuljeet, +91...

Metamorphosis in Amphibia Bsc 3rd year||Metamorphosis change...
yout.be
<https://youtu.be/ues-UuiZqo?si=4aWmUGG4qxw1rrRX> 11:06 ✓/v

1625720018.pdf
16 pages • 569 kB • PDF

11:16 ✓/v

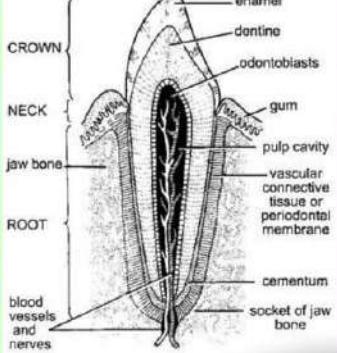
Frog Life Cycle
adult frog has lungs and 4 limbs
metamorphosis last 6-12 hours lung develop, gills disappear, organs reposition, skin changes
eggs laid in moist environment
tadpoles have gills, a tail, and no limbs
back legs develop first 11:17 ✓/v

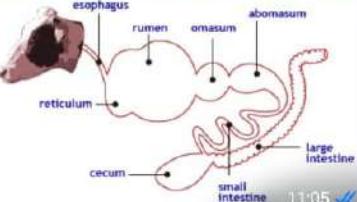
11:03 ⓘ ...

Sc Bsc I med +918894620676, Kuljeet, +91...

tooth is su... 2 September 2025
to the jaw bone by a layer of cement and a vascular periodontal membrane.

It is made of strong connective tissue fibres (Sharpey's fibres) running from ce...
[Read more](#) 11:02 ✓/v


Fig. 33.5. V.S. of a mammalian canine tooth


11:05 ✓/v

Draw these in your notebook and read material 11:06 ✓/v

Message

U ₹ Camera Microphone

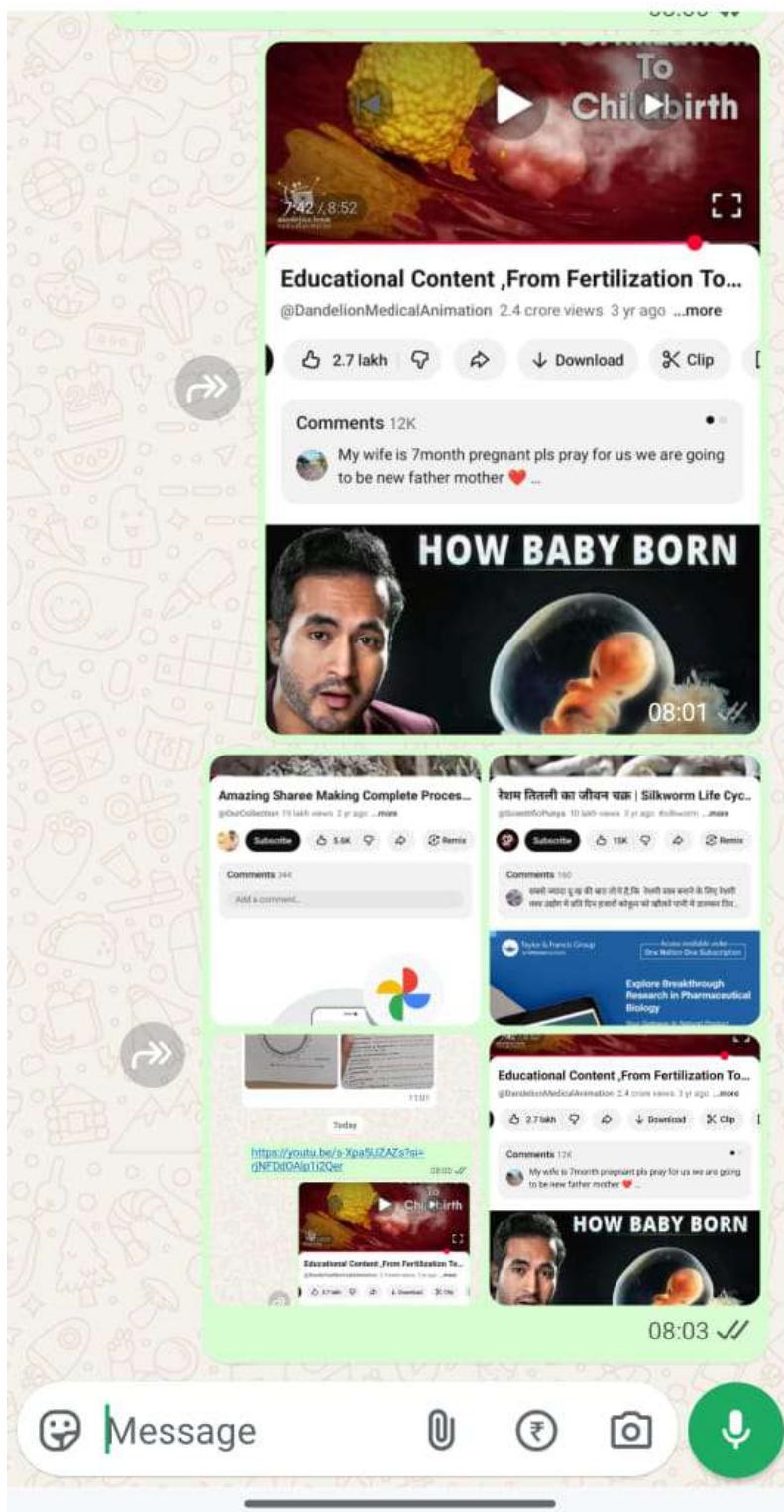
Message

U ₹ Camera Microphone

8:04  ...

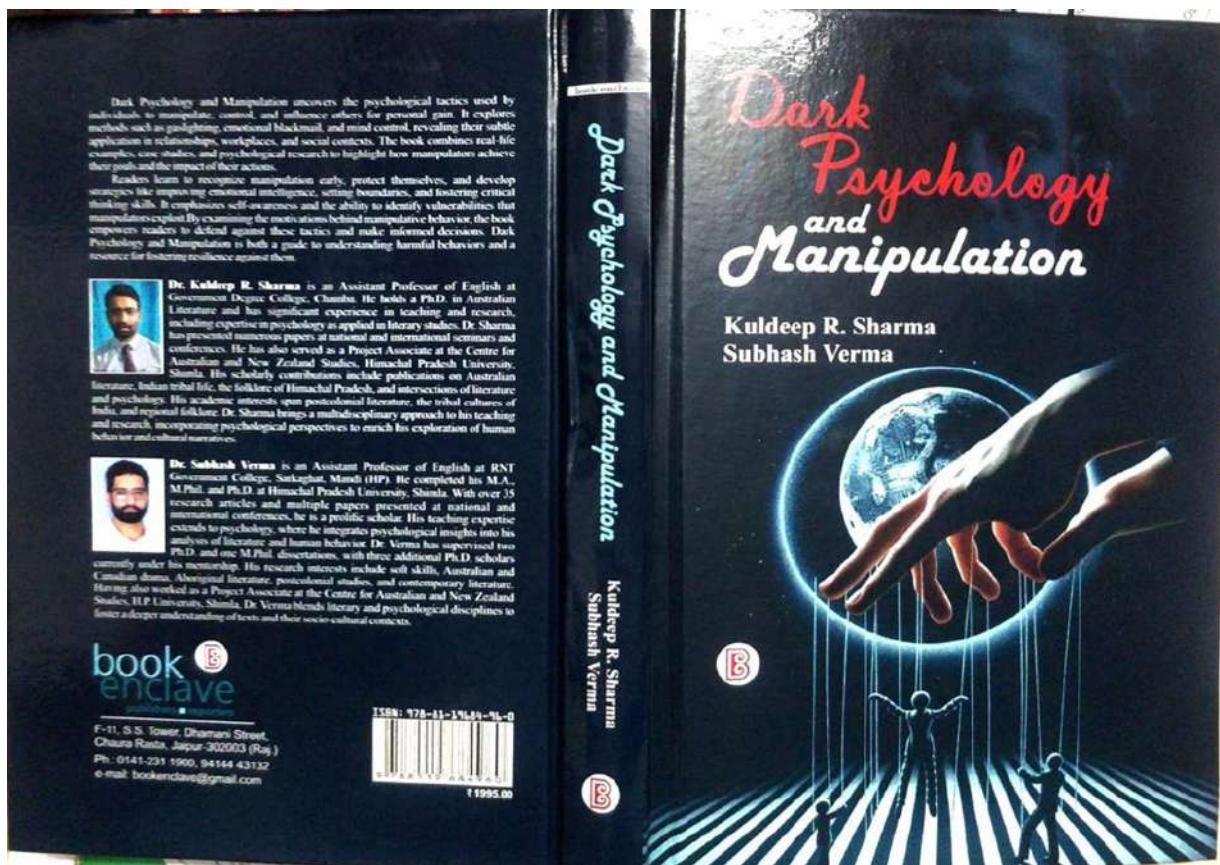


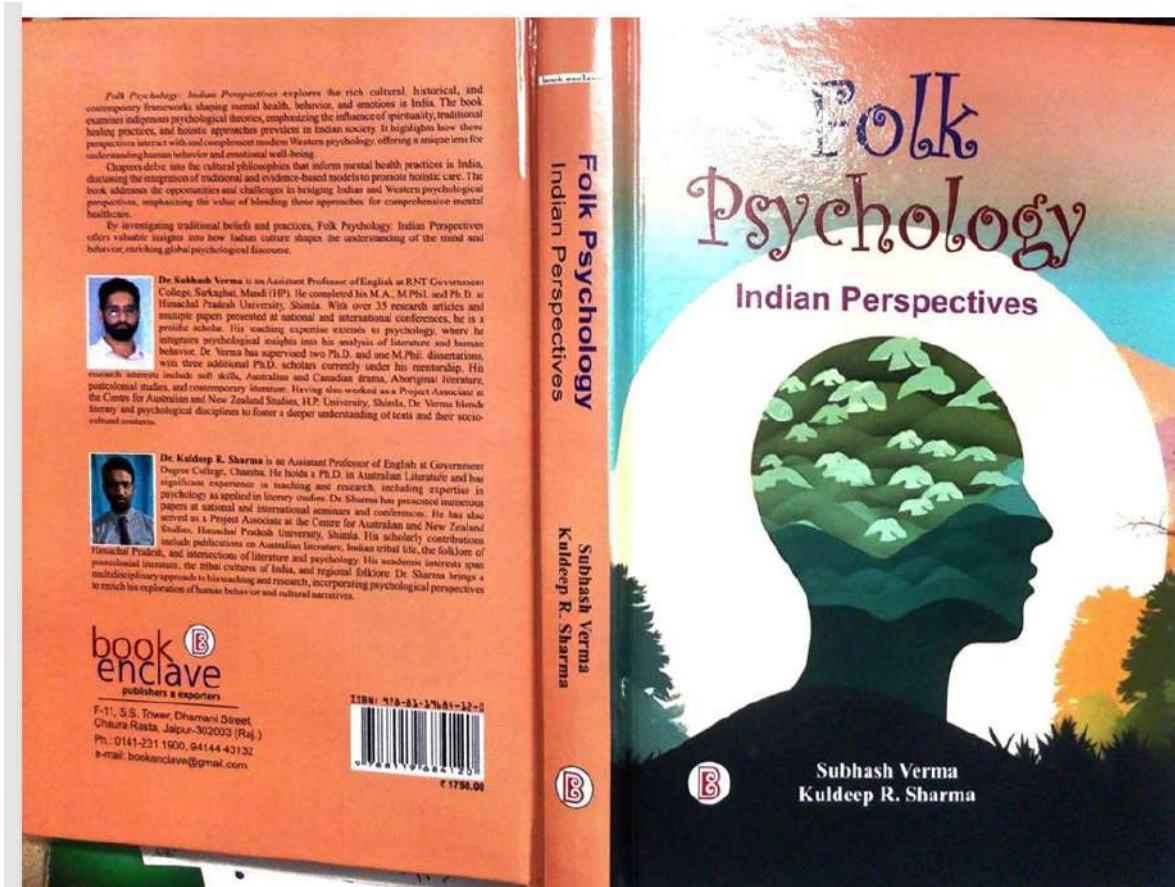
Study materials





9. NUMBER OF BOOKS PUBLISHED AND CHAPTER IN BOOKS: BOOKS= 3, CHAPTERS= 07





समकालीन हिन्दी साहित्य में सैनिक वेदना

-विनय कुमार
असिस्टेंट प्रोफेसर (हिन्दी विभाग)
राजकीय महाविद्यालय भोरंज हमीरपुर (हि.प्र.)

एक महान कहावत है कि- “जब तक शेरों के पास अपने स्वयं के शासकार नहीं होंगे, शिकार का इतिहास हमेशा शिकारी का महिमामंडन हो। भारत में सैनिक सत्रह-अठारह वर्ष की छोटी उम्र में ही सेना में हो जाते हैं।” सेना में वह अपने समाज से दूर हो जाते हैं। वहां पर रोजमरा की जिंदगी में कई तरह की कठिनाइयां सहनी पड़ती हैं। उन भारतीय साहित्य में सैनिकों की वीर गाथाओं के अलावा उनकी गीतों का बहुत थोड़ा ही वर्णन है। अपने घर और समाज से दूर वह पीड़ा से गुजरते हैं।

भारत के पूर्व प्रधानमंत्री लाल बहादुर ‘शास्त्री’ ने नारा दिया था- “जवान जय किसान।” भारत अंग्रेजों से स्वतंत्रता मिलने के बाद से

India's Environmental Movements: An Overview



Dr. Sandeep Kumar¹

Assistant Professor

Department of Geography

Govt. College Bhoranj,

District Hamirpur, H.P.

Email- sharma.hpu@gmail.com



Dr. Mohinder Kumar²

Associate Professor

Department of Chemistry

Govt. College Bhoranj,

District Hamirpur, H.P.

Email- mguleria5@gmail.com

Abstract

The environmental movement in India has evolved as a multifaceted and dynamic force, driven by a combination of grassroots activism, governmental policies and global environmental concerns. Starting in the 1970s, with seminal events like the Chipko Movement,

CHAPTER - 5

Role of Remote Sensing and GIS in Education and Environmental Awareness

Naresh Kumar¹, Rajinder Singh², Kuldeep Rana³, Neeraj Kumari Chauhan⁴

¹Department of Physics, Government College Bhoranj (Tarkwari), District Hamirpur; Himachal Pradesh, India

²Department of Geography, Govt. College Dharamshala, Distt. Kangra, Himachal Pradesh, India

³Forestry and Ecology Department of India Institute of Remote Sensing (IIRS-ISRO), Dehradun-248001, Uttarakhand, India

⁴Jai Bharti College of Education Hamirpur, Himachal Pradesh, India

Correspondence author: nareshphy@gmail.com

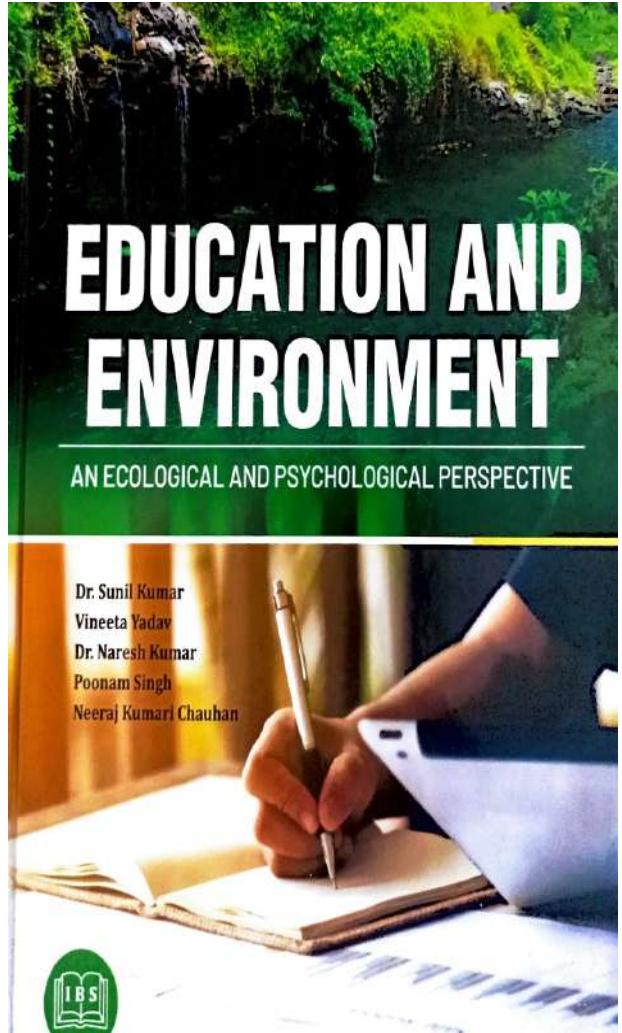
Abstract

Remote Sensing (RS) and Geographic Information Systems (GIS) are transformative education and environmental awareness technologies. Delivering accurate, real-time, spatially referenced data enables thorough analysis of environmental phenomena and enhances understanding of ecological systems. In education, RS and GIS promote interactive learning, allowing students to visualize and analyze geographic and ecological data, connecting theoretical knowledge with practical applications. In terms of environmental awareness, these tools are crucial for monitoring deforestation, climate change, pollution, and biodiversity loss, making complex issues more accessible to the public. They aid decision-making, community engagement, and the development of sustainable solutions. Integrating RS and GIS into educational curricula and awareness campaigns fosters informed citizens ready to tackle global environmental challenges. This abstract emphasizes the synergistic potential of RS and GIS in enhancing education and promoting environmental stewardship.

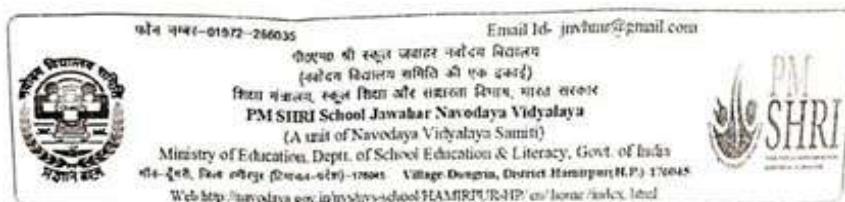
Keywords: Environmental data, Geographic Information, Remote sensing, Sustainable solutions.

Introduction

Remote Sensing (RS) and Geographic Information Systems (GIS) are innovative technologies that have transformed our approach to observing, analyzing, and addressing environmental challenges, as well as reshaping educational methodologies (Gupta et al., 2024). These tools enable geospatial data collection, visualization, and analysis, providing valuable insights for environmental management and education.



10. TEACHER'S ACADEMIC AND EXTENSION ACTIVITIES: RESOURCE PERSON = 10, BOS= 02, POPULAR BODIES = 01



क.न.अनुबन्ध / ज०न०पि० / टीवीत्पुर / २०२४-२५/-८९६

દિનાંક: 02 / 08 / 2024

उपस्थिति प्रमाण-पत्र

जवाहर नवोदय विद्यालय ढूँगरी, जिला हमीरपुर के पत्र संख्या फ.न.अनुबन्ध /जो०००५०/हमीरपुर/ 2024-25/ 851 दिनांक 2.07.2024 के अनुसार डा० संदीप कुमार, सहायक-प्रोफेसर, राजकीय गहाविद्यालय भोरंज (डिप्रो) ने हमारे विद्यालय में अनुबन्ध टी०जी०टी० सामाजिक-विज्ञान पद के साक्षात्कार हेतु विषय-विशेषज्ञ के रूप में आज दिनांक 02.08.2024 पूर्वाह रिपोर्ट किया और साक्षात्कार कार्य पूर्ण होने के पश्चात आज दिनांक 02.08.2024 अपराह इन्हें कार्यमूक्त किया जाता है।

प्राचाय
पी० एम० श्री स्कूल
जयाहर नवोदय विद्यालय
दूंगरी, जिला हरगीरपुर (हिं०५०)

Himachal Pradesh University
NAAC Accredited 'A' Grade University
Department of Biosciences

To

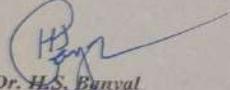
Dated 04.05.2024

Dr Kuljeet Singh,
Associate Professor, Zoology, GC, Bhorang,
Hamirpur

Subject: Regarding Member of BOS.

Sir/Madam

Reference subject cited above, the Department of Biosciences, is greatful to you for attending the meeting of BOS (UG) on 04.05.2024, for the purpose of approving scheme and syllabus in the subject of Botany & Zoology under NEP- 2020.


Dr. H.S. Bajyal
Chairperson
Dept. of Bio-Sciences,
H.P. University, Shimla-5

Himachal Pradesh University
(NAAC Accredited 'A' Grade University)
Department of Sanskrit.

File No. HPU/SKT/2024/-
Dated: 03.05.2024

MEETING NOTICE

A meeting, to discuss the curriculum/syllabi formation under NEP-2020 to be implemented by H.P. University for U.G. Programmes(Framework), is to be fixed for 04.05.2024 at 11.00 AM through online/offline mode. As you are the Subject Experts so attend/join the same above mentioned time and date. The online link to join the meeting will be provided to you before the commencement of the meeting.


Chairperson
Department of Sanskrit
H.P. University, Shimla - 171001

CC:

1. Dr. Mohan Sharma, Department of Sanskrit, G.C RKMV, Shimla
2. Dr. Ripon Kumar, Department of Sanskrit, G.C. Ghumarwin.
3. Dr. Asha Devi, Department of Sanskrit, G.C. Bhoranj.


Chairperson
Department of Sanskrit
H.P. University, Shimla - 171001



DEPARTMENT OF GEOGRAPHY
Himachal Pradesh University, Shimla – 171005
(NAAC Accredited "A" Grade University)
Ph.: 0177-2833721(Office), 094180-76763, 0177-2633296(Residence)
E-mail : ddshpu@gmail.com

Dr. D.D. Sharma

Professor & Chairman

23rd April, 2024

1. Dr. Madan Mankotia, RKMV, Shimla
2. Dr. Khyal Chand, G.C. Sanjauli, Distt. Shimla
3. Dr. Pankaj Ashish, St. Beads College, Shimla
4. Sh. Nem Raj, G.C. Palampur, Distt. Kangra (HP)
5. Dr. Satya Prakash, G.C. Nurpur, Distt. Kangra (H.P.)
6. Dr. Sudhir Kumar, G.C. Kandaghat, Distt. Solan
7. Ms. Monika, G.C. Sunni, Distt. Shimla (H.P.)
8. Dr. Amit Shoshta, G.C. Rampur, Distt. Shimla (H.P.)
9. Ms. Sindhuja, G.C. Nalagarh, Distt. Solan (H.P.)
10. Dr. Sandeep Kumar, G.C. Bhowali, Distt. Hamirpur (HP)

Subject: Framing of 3 years/4 years Geography (UG) syllabus under NEP-2020

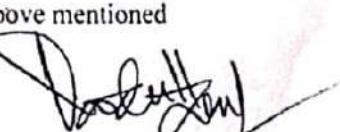
Dear Sir/Madam,

Kindly depute the teacher (s) working as Assistant/Associate Professor of Geography in your esteemed institution for the above said purpose on dated 27th April, 2024 at 10:00 AM in the Department of Geography, Himachal Pradesh University, Shimla-5. The New syllabus as per the guidelines of NEP – 2020 is to be followed w.e.f. 2024-25 academic session and the Dean of Studies, HPU, Shimla has asked us to complete the syllabus and other formalities like BOS & Faculty Meetings before 30th April, 2024.

Thanking you.


Dr. D.D. Sharma
Chairman
Department of Geography
Himachal Pradesh University, Shimla

Copy to: The Principals of the concerned colleges with a request to depute above mentioned Teachers on duty leave for the purpose.


Dr. D.D. Sharma
Chairman
Department of Geography
Himachal Pradesh University, Shimla-5



**OFFICE OF THE PRINCIPAL
Government College Bhoranj (Tarkwari)**

District Hamirpur, Himachal Pradesh 177025

Affiliated to HPU Shimla, UGC under 2(f) &12(B), Accredited by NAAC with Grade 'B' (CGPA 2.37)

Visit us at: <https://www.gcbhoranj.info> Phone: 01972-287505, Email: gcbhoranj-hp@nic.in

No.: EDN/GCB(TRK)/_____ Dated: _____

No. GCB(E-20)2023-24/20

Dated:-27/01/2025

OFFICE ORDER

In compliance to the Office of the Chairperson District Disaster Management Authority- Cum- Deputy Commissioner Hamirpur, letter No. DCH/DMC/ Training/ 2025-157-168 dated 23.01.2025. The following official are hereby deputed to attend the training "Temporary Shelters and Settlements during Crises and Disasters in the Himalayas" w.e.f 28.01.2025 to 30.01.2025 at Hotel Hamir, Hamirpur, Dist, Hamirpur.

Copy to :-

1. Office of the Chairperson District Disaster Management Authority- Cum- Deputy Commissioner Hamirpur for information please.
2. Prof. Ravi Dutt, Assistant Prof. Physics, GC Bhoranj for n/a please.
3. Dr. Vivek Chandel, Assistant Prof. Botany, GC Bhoranj for n/a please
4. Dr. Naresh Kumar, Assistant Prof. Physics, GC Bhoranj for n/a please
5. Guard file

Activate

Go to Sett



CSK Himachal Pradesh Krishi Vishvavidyalaya
COLLEGE OF BASIC SCIENCES
Palampur (H.P.) 176062, India



Telefax.: 01894- 230311 (Off)

Mob. 7018929723

email: suman03sharma.12@gmail.com

Dr. Suman Sharma

Coordinator of Examination

Sir/Madam

Dr. Vivek Chandel

No. Ext.Exam/CE/COBS/CSKHPKV/2024/ 765

Dated, Palampur the: 05.04.25

Thank you very much for your telephonic consent to act as paper setter as well as evaluator for end-term theory examination of second semester of the academic year 2024-25. You are, therefore, requested to prepare two sets of questions papers (I & II) each containing Part-A, Part-B and Part-C as per model question paper for the Course: *Bot 121(R)*

The course content/course outline and model question paper are enclosed for preparing the question papers. Each question paper should be of **50 marks** (10 marks for Part A, 15 marks for Part B & 25 marks for Part C) covering the entire syllabus which shall be of 3 hours duration and will consist of following type of questions:

Part	Test Type	Parameter	Answer skill	Weightage
A	Objective (MCQ, True/False, fill in the blanks etc.) (0.5-1 mark)	Information, Understanding, Application	Recognize, Differentiate, See Relation	20%
B	Short (answer not more than 10 lines) (3-4 marks)	Attentiveness, Understanding, Application	Re-call, Reasoning, Find Relation	30%
C	Long (subjective) (5-8 marks)	Aptitude, Ability, Application	Draw Inference, Provide critical analysis & views, Establish relation with case study	50%

In objective type questions, there shall not be any choice whereas, in short/long questions, choice of 1-2 questions may be given. Please maintain the secrecy in preparing and sending the question papers and request you to clearly specify the Course No., Course Title, time allowed, maximum marks and marks allotted to each question & their parts etc.

Kindly put set I & II of question papers separately in two small sealed envelopes. Further place these envelopes along with remuneration bill in the medium size envelope and send to the **Dean COBS** by **registered/speed post**. This envelope can also be delivered in person. The question papers must reach to the **Dean COBS** as soon as possible preferably by 25th April, 2025.

A remuneration for setting of two sets of question papers of a course is **Rs.1500/-** and for evaluation (in case one of the papers is opened for examining the students) of answer books is @ Rs.20/- per answer book (subject to a minimum of Rs.500/-) plus postal charges, if any, **subject to the production of original receipt**.

With personal regards,

Yours sincerely,

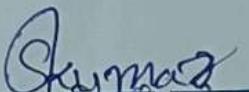
Suman Sharma

(Dr. Suman Sharma)

Encl: Course content/course outline,
 Model question paper, proforma for remuneration bill,
 a medium size envelope & two small size envelopes.

भाषा एवं संस्कृति विभाग, हिमाचल प्रदेश ,
जिला भाषा अधिकारी कार्यालय हमीरपुर ,
जिला हमीरपुर हिमाचल प्रदेश ,
दूरभाष – 01972-293630 अणुसंकेत -dlohamirpur520@gmail.com

भाषा एवं संस्कृति विभाग हिमाचल प्रदेश जिला हमीरपुर द्वारा दिनांक 02-09-2024 को आयोजित राजभाषा हिन्दी पर्यावाड़ा समारोह में डॉ. आशा कुमारी, सहायक आचार्य, राजकीय महाविद्यालय भोरंज, जिला हमीरपुर ने (जिला स्तरीय प्रतियोगिताओं भाषण, निबंध- लेखान तथा प्रश्नोत्तरी) में निर्णायक के रूप में दायित्व निर्वहन किया तदर्थ विभाग आपका धन्यवाद ज्ञापित करता है।


जिला भाषा अधिकारी, हमीरपुर
जिला हमीरपुर, हिमाचल प्रदेश

जिला भाषा अधिकारी, हमीरपुर
संस्कृति मंदन मनासी (हि०प्र०)



SDM Bhoranj, Distt. Hamirpur

D.O. No. _____

Date 15/08/2024

Subject :- Appreciation for Your remarkable contribution during the General Election of Lok Sabha-2024.

I Would Like to express my heartfelt gratitude for your remarkable contribution towards the Successful conduct of General Election to Lok Sabha -2024 in HP as **Training Officer** in Assembly Constituency Bhoranj -36, District Hamirpur (HP).

I Place on record my appreciation for your Sincerity and commitment towards your assigned duties and Wish you Success in all your Future endeavours.

Smt. Asha, Asstt. Professor
GDC Bhoranj,
District Hamirpur (HP)


Sanjay Swarup, HAS
SDM
Bhoranj, HP

OFFICE OF THE CHAIRPERSON DISTRICT DISASTER MANAGEMENT AUTHORITY
-CUM-DEPUTY COMMISSIONER DISTRICT HAMIRPUR (H.P.)

Room No. 308, E-mail - ddmahamirpur@nic.in, ddmahamirpur@gmail.com, Ph. No 01972-221377, 1977 (toll free, 24*7)

Dated: - 04/04/2025

No. DMC/Training/ 2025-491

Relieving Order

It is to inform that the following officers and officials have attended a three-day training program on **Crowd Management**, organized by the District Disaster Management Authority, from **2nd to 4th April 2025** and are hereby relieved from the training program.

All the officers and officials who have attended the said training may claim their Travel Allowance from their concerned departments as per norms.

1. Sunil Pathak, Assistant Professor of Botany, GC Barsar
2. Vinod Kumar, Lecturer Chemistry, GSSS Dhabli
3. Rakesh Katoch, General Secretary, Surbhi Social Awareness and Welfare Society
4. Shashi Pal, ASI Police Station, Barsar
5. Partap Singh, Sub Inspector I/O, PS Barsar
6. Manoj Kumar, Sub Inspector Bhotia, PS Sadar Hamirpur
7. Sanjeev Kumar, ASI I/O PS Sadar Hamirpur
8. Raj Mal, ASI I/O PS Bhoranji
9. Vijay Kumar, JE Electrical, Deotsidh
10. Ashok Rangra, Company Commander Home Guard 10/1 Coy, Hamirpur
11. Prem Chand, Sub Fire Officer Fire Station, Hamirpur
12. Raj Kumar, Platoon Commander 10th BN Hamirpur, Home Guard
13. Rajesh Katoch, ASI (I/C PP Tauni Devi)
14. Praveen Dhiman, Company Commander 10/2 Company Sujanpur 10th BN Hamirpur
15. Sunil Dutt, Assistant Professor in Political Science, BBN Degree College Chakmoh, Hamirpur H.P.
16. Raj Kumar, Lecturer in Geography, GSSS Bohni, Hamirpur
17. Meena Kumari, Platoon Commander 10th BN Hamirpur
18. Ashok Kumar, Company Commander 10/4 Company Home Guard, Bhotia
19. Sanjeev Kumar, Company Commander 10/5 Company Home Guard, Barsar
20. Devinder Bhatia, Sub Fire Officer Sub Fire Station, Nadaun
21. Ramesh Chand, Fire Man Fire Post, Sujanpur
22. Dr. Rajneesh Kumar, Assistant Professor in Commerce, GDC Dhaneta, District Hamirpur H.P.
23. Dr. Susheel Kumar, Assistant Professor in Economics, BBN College Chakmoh, District Hamirpur H.P.
24. Dr. Asha Devi, Assistant Professor, GC Bhoranji
25. Dr. Sapana Kumari, Assistant Professor of Chemistry, GC Hamirpur
26. Bhagwati Prashad Sharma, Associate Professor, Sidharth GC Nadaun
27. Pawan Kumar, Assistant Professor of Commerce, GC Bhoranji (Tarkwari)
28. Sanjeev Kumar, Assistant Professor of Commerce, GC Barsar
29. Pankaj Kaushal, Assistant Engineer, HPPWD S/D Nadaun
30. Dr. Rajesh Bhardwaj, SMO CH Bhoranji
31. Sanjay Chauhan, Assistant Professor of Zoology, GC Hamirpur
32. Dheeraj Sharma, J.E. JSV Sub Division Bhotia
33. Virender Kumar, A.E ED HPSEBL, Hamirpur
34. Gulshan Manhas, Him NIRMANC
35. Jeevan Lata, PA DRDO, Hamirpur
36. Naresh Kumar, S.I PS, Nadaun
37. Madhu Bala, D.E.O. O/o RTO Hamirpur
38. Promila Devi, D.E.O. O/o RTO Hamirpur
39. Dr. Sunita Saklani, Assistant Professor Zoology, GC Nadaun
40. Shefali Sharma, Patwari Patwar Circle Loharin, Tehsil hamirpur
41. Wattan Singh, Fire post Bijhari (Fireman)
42. Ravi Kumar, Fire Post Bijhari (Driver Cum Pump Operator)

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DISTRICT DISASTER MANAGEMENT AUTHORITY HAMIRPUR

CERTIFICATE OF PARTICIPATION

This certificate is presented to

Dr Asha Devi

in recognition of his/her participation in the three-day training programme on "Hazard, Risk, Vulnerability and Capacity Assessment" held at Hamir Bhawan, DC Office Hamirpur from **19th May 2025 to 21st May 2025.**


Amarjeet Singh, IAS
Chairperson DDMA
-cum-Deputy Commissioner
District Hamirpur (H.P.)

11. AWARDS BY RECOGNIZED & REPUTED ORGANIZATION



Company Excellence Technology
Chandigarh
Date: 28 Jan 2025

ACHIEVERS' AWARD & LETTER OF APPRECIATION

To
Professor Abhinav Sharma
Department of Computer Science
Government Degree College, Bhoranj (Tarkwari)
District Hamirpur, Himachal Pradesh

Subject: Appreciation for Outstanding Contribution to In-House Internship Programme
Dear Professor Abhinav,

On behalf of Company Excellence Technology, Chandigarh, I am pleased to extend our sincere appreciation and heartfelt congratulations to you for your exceptional contribution in designing the course content module for our 45 days (14 December - 24 January) In-House Internship Programme conducted at Government Degree College, Bhoranj.

Your well-structured, systematic, and industry-relevant course module played a pivotal role in the successful execution of the internship programme. The clarity of objectives, logical sequencing of topics, and practical orientation of the content enabled our team to deliver the course in a highly organized and effective manner.

Furthermore, your valuable insights and continuous academic guidance during the programme proved instrumental in refining and modifying the course content to better align with industry expectations and student learning outcomes. Your contribution significantly enhanced the overall quality and impact of the internship programme.

In recognition of your dedication, expertise, and meaningful collaboration, Company Excellence Technology is proud to confer upon you the "Achievers' Award", along with this Letter of Appreciation, as a token of our gratitude and esteem.

We deeply value your support and look forward to continued collaboration in future academic-industry initiatives.

With warm regards and best wishes for your continued success.

Yours sincerely,

Mr. Akshit Sharma
Branch Manager
Company Excellence Technology



Leader In Development

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Near PCL Chowk, Mohali, Mob. 93177-88822, 93582-55522,
E : info@excellencetechnology.in, W : www.excellencetechnology.in

Hamirpur Office : Near Shiv Mandir, Opp. Kangra Cooperative Bank, Lower Bazar, Hamirpur, HP
Mobile : 77107-88822, 77106-88822
Website : hamirpur.excellencetechnology.in

Website : www.excellencetechnology.in

Internal Ranking of Colleges : 1st Rank in Tier-II Colleges

No. EDN-H(8)A(1)Misc-Ranking of colleges
Directorate of Higher Education
Himachal Pradesh

To : Dated: Shimla-171001, the 08th December 2024
09 DEC 2024

All the Principals,
Govt. Degree & Sanskrit Colleges
Himachal Pradesh

Subject:- Tentative Internal Ranking of Govt. Colleges of Himachal Pradesh

In continuation of this Directorate letter of even number dated 20-08-2024 on the subject cited above.

In this connection, the Tentative Internal Ranking of Government Colleges of Himachal Pradesh is enclosed as **Annexure-A, B, C, D and E** for your information and further necessary action.

As per implementation guidelines already circulated to Head of Institutions it was made clear that after evaluation process is over, physical record will be kept in the safe custody of the respective Institutions. Therefore, evaluated SAR is already available with the Institutions. If any Institutions is not satisfied with the evaluation by Cluster Level Committee then criteria wise appeal with all relevant record can be filed at the earliest and not later than 23-12-2024 through email (college_branch@rediffmail.com) or special messenger. If any discrepancy is noticed by you in ranking result compiled at state level that may also be communicated to the Directorate of Higher Education so that final ranking list can be prepared, accordingly.

The overall and tier-wise lists for the Tentative Internal Ranking of Government Colleges are available on the Departmental website <education.hp.gov.in>. No hard copies are being circulated.


+ Director of Higher Education
Himachal Pradesh
December, 2024

Endst. No.: even dated: Shimla-171001 the,

Copy for informationto :-

1. The Secretary (Education) to the Government of Himachal Pradesh, Shimla-2.
2. Incharge/Superintendent IT Cell to upload the same on departmental website.


+ Director of Higher Education
Himachal Pradesh

Annexure-C

Tier-II Tentative Internal Ranking of Govt Colleges of Himachal Pradesh			
Sr. No.	Name of Govt. College	Total Score (1100)	Rank
1	Govt College Bhoranj Distt Hamirpur	919	1
2	Lal Bahadur Shastri Govt College Sarswati Nagar Distt Shimla	906	2
3	Atal Bihari Vajpayee Govt Degree College Sunni Distt Shimla	903.5	3
4	Govt College of Teacher Education Dharamshala	899	4
5	Govt College Dhami at 16 Mile Distt Shimla	835	5
6	Govt College Nerwa Distt Shimla	820	6
7	Govt College Ani at Haripur Distt Kullu	817	7
8	Govt College Jukhala Distt Bilaspur	816	8
9	Govt College Arki Distt Solan	805.5	9
10	Kanwar Durga Chand Jaisinghpur Distt Kangra	805	10
11	Govt College Seraj at Lambathach Distt Mandi	803	11
12	Pandit Susheel Rattan Govt College Jawalamukhi Distt Kangra	796	12
13	Govt College Banjar	779	13
14	Govt College Dharampur Distt Mandi	766	14
15	Jawahar Lal Nehru Govt. College of Fine Arts Shimla	756	15
16	Sant Dhangu Wala Gujjar Govt College Beetan Distt Una	748	16
17	Atal Bihari Vajpayee Govt College Naura Distt Kangra	743	17
18	Govt College Baldwara Distt Mandi	738	18
19	Govt. College Tissa Distt Chamba	737	19
20	Atal Bihari Vajpayee Govt Degree College Takipur	723	20
21	Thakur Sen Negi Govt College Reckong Peo Distt Kinnaur	716	21
22	Govt College Rajgarh	702	22
23	Govt. College Bassa (Gohar) Distt Mandi	691	23
24	Maharaja Sansar Chand Memorial Govt College Thural Distt Kangra	672	24
25	Govt. College Darang at Narla Distt Mandi	642	25
26	Govt College Baroh Distt Kangra	641	26
27	Govt College Kandaghatal Distt Solan	638	27
28	Govt College Indora Distt Kangra	638	28
29	Atal Bihari Vajpayee Govt College Bangana Distt Una	634	29
30	Govt College Shillai Distt Sirmour	627	30
31	Govt College Jhandutta Distt Bilaspur	623	31
32	Govt College Lanj	610	32
33	Chander Dhar Guleri Govt Degree College Haripur (Guler) Distt Kangra	596	33
34	Govt College Sugh-Bhatoli Distt Kangra	581	34