



## **Government College Bhoranj(Tarkwari) District Hamirpur, Himachal Pradesh**

### **Self Appraisal Report (SAR)**

#### **CRITERION 6: FACULTY PROFILE & RESEARCH ACTIVITIES**

##### **Key Indicator (s)**

1. % of teachers with Ph.D.
2. Teachers as research guide
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
10. Teacher academic and extension
11. Awards by recognized

**Teachers with Ph. D.  
(Less than 50%)**

बरकतुल्ला विश्वविद्यालय, भोपाल  
BARKATULLAH VISHWAVIDYALAYA, BHOPAL

डॉक्टर ऑफ फिलॉसॉफी

प्रमाणित किया जाता है कि नरेश कुमार  
को इस विश्वविद्यालय के निदेशन संकाय के अंतर्गत  
शैक्षणिक प्रमाण परीक्षा में डॉक्टर ऑफ फिलॉसॉफी की उपाधि  
से वर्ष 2013 में विधुषित किया गया।  
इनके शोध प्रबन्ध का विषय है  
"इंजिनीयरींग और भौतिक विज्ञान के क्षेत्र में मिश्रित ऑक्साइड्स का संश्लेषण और गुण"।

Barkatullah University, Bhopal  
Doctor of Philosophy

This is to Certify that Naresh Kumar  
has been awarded to the degree of DOCTOR OF PHILOSOPHY  
in Physics in the faculty of Science of this  
University in the year 2013

The title of his/her thesis is  
Investigation of Structural and Physical Properties of  
Mixed Oxides

कुलसचिव  
Registrar

भोपाल (B.V.) दिनांक  
Bhopal (B.V.) Date

कुलपति  
Vice-Chancellor

26 MAR 2014

Serial

Nº 0005430

Roll No

Enrollment No

17.7.2006

Enrollment No

02.32.33

# हिमाचल प्रदेश विश्वविद्यालय



दर्शन निष्णात

प्रमाणित किया जाता है कि विरेंद्र कुमार, सुपुत्र/सुपुत्री  
श्री जगदीश चन्द और हारीश्वर शिवा विभाग  
के छात्र/की छात्रा ने इस विश्वविद्यालय से सितम्बर 2006  
की परीक्षा में हारीश्वर शिवा विषय लेकर दर्शन निष्णात की उपाधि  
प्रथम श्रेणी में प्राप्त की।

## Himachal Pradesh University

Master of Philosophy

Certified that Virender Kumar, son/daughter of  
Shri Jagdish Chand 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 2006, in the Final division, in the subject  
of Physical Education

मुख्य अधिकारी  
Registrar

मुख्य अधिकारी  
Vice-Chancellor

दिनांक  
Shimla

6<sup>th</sup> January 2007

# हिमाचल प्रदेश विश्वविद्यालय

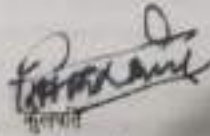


## विद्या-वाचस्पति-2017

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

## Himachal Pradesh University Doctor of Philosophy-2017

Certified that Asha Debi 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.

  
मुलाधिपति

Vice-Chancellor

  
मुलाधिपति

Chancellor

दिनांक : 14<sup>th</sup> July, 2017  
Shinda





Roll No. 2651

# Punjab University

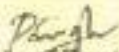


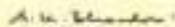
## Doctor of Philosophy

( In the faculty of Science )


Certified that Vivek Chand, Regd. No. 2003-60t-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

  
Controller of Examinations

  
Registrar



  
Vice Chancellor

  
Chancellor

Chandigarh, December, 11, 2013

पत्र संख्या  
Serial

Nº 0002301

पंजीकरण संख्या

Enrolment No.

03..Ph..D:20

## हिमाचल प्रदेश विश्वविद्यालय



विद्या-वाचस्पति-2008

प्रमाणित किया जाता है कि "A STUDY OF THERMODYNAMIC AND TRANSPORT PROPERTIES OF AXIAL FLUID AND GAS MIXTURES IN WATER-RICH BINARY NAEO-ORGANIC MIXTURES"

पर शोध प्रबन्ध स्वीकृत हो जाने के उपरान्त मोहिन्दर कुमार पुत्र/पुत्री श्री जगदीश चन्द को इस विश्वविद्यालय की विद्या-वाचस्पति की उपाधि पदार्थ विज्ञान संकाय में प्रदान की गई।

## Himachal Pradesh University

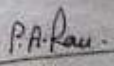
Doctor of Philosophy-2008

Certified that.....Mohinder..Kumar....., son/daughter of Shri...Jagdish..Chand.....after approval of his/her thesis on "A STUDY OF THERMODYNAMIC AND TRANSPORT PROPERTIES OF AXIAL FLUID AND GAS MIXTURES IN WATER-RICH BINARY NAEO-ORGANIC MIXTURES" has been admitted to the degree of Doctor of Philosophy in the Faculty of.....Physical Sciences.....in this University.

  
Vice-Chancellor

दिनांक  
Shimla

8<sup>th</sup> May..2008..

  
P.A. Rao  
कुलाधिपति  
Chancellor



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-I,  
H.P. University, Shimla-8



क्रम संख्या  
Serial No. } Ph.D\_0000711



पंजीकरण संख्या  
Enrolment No. } 03-GST-118

# हिमाचल प्रदेश विश्वविद्यालय



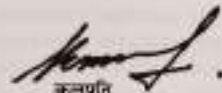
## विद्या-वाचस्पति-2019

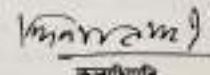
प्रमाणित किया जाता है कि "Infrastructural Development in India, 1971-2011: A Spatial Analysis." पर शोध प्रबन्ध स्वीकृत हो जाने के उपरान्त **संदीप कुमार** सुपुत्र/सुपुत्री श्री **जगन नाथ** को इस विश्वविद्यालय की विद्या-वाचस्पति की उपाधि पदार्थ विज्ञान (भूगोल) संकाय में प्रदान की गई।

## 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.

  
कुलपति  
Vice-Chancellor

  
कुलाधिपति  
Chancellor

शिमला  
Shimla } 03<sup>rd</sup> Jan, 2019



क्र. संख्या  
Serial

}

Nº 0005430

रोल नं.  
Roll No.

संकेत नं.  
Enrollment No.

}

.....17.11.2006.....

02.02.07

## हिमाचल प्रदेश विश्वविद्यालय



दर्शन निष्णात

प्रमाणित किया जाता है कि ..... सुपुत्र/सुपुत्री  
श्री ..... और .....  
के छात्र/की छात्रा ने इस विश्वविद्यालय से .....  
की परीक्षा में ..... विषय लेकर दर्शन निष्णात की उपाधि  
..... में प्राप्त की।

## Himachal Pradesh University

### Master of Philosophy

Certified that.....Virender...Kumar....., son/daughter of  
Shri.....Jagdish...Chand.....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.....2006, in the.....Final.....division, in the subject  
of.....Physical Education

कुल पदवि  
Registrar

कुलपति  
Vice-Chancellor

दिनांक  
Shinda

6<sup>th</sup> January 2007



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

Notification No. Ph.D.2020-23

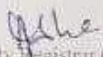
Dated: 4<sup>th</sup> January, 2021


**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 28<sup>th</sup> 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 (Registration No.)	Faculty (Subject)	Title of the Thesis	Date of approval by the V.C.
1.	Ms. Kularan Kumari D/a Balveer Bahadur Singh (06-HM-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

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

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


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

Enclst No. Even:

Dated: 4.01.2021

Copy to:-

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 candidates.
5. The Librarian, H. P. University, Shimla-171005.
6. The Assistant Registrar (Secrecy) w.r.t. their letter No. PH-3749-HPU/Secy-, dated 28.12.2020.
7. The In-charge 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.

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









Teaching Learning Centre, Ramanujan College  
University of Delhi  
under the aegis of  
MINISTRY OF EDUCATION  
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Mr. Pawan Kumar**

of


Department of Commerce, Govt. College - Bhoranji (Tarkwari)  
has successfully completed a one week online Faculty Development Programme on

**"NATIONAL EDUCATION POLICY 2020"**

from 28 March- 03 April, 2022 and obtained  
Grade A+.



Blockchain Hash: <https://www.blockchain.com/explorer/transactions/Bitcoin/181113524803124638146876448224>

  
Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

  
Dr. Sachin Tamar  
(Convener)  
Ramanujan College





Teaching Learning Centre, Ramanujan College  
University of Delhi

under the aegis of  
MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Dr. Sandeep Kumar**

of

Department of Geography, Govt. College Bhoranj (Tarkwari), Hamirpur, Himachal Pradesh

has successfully completed a one week online Faculty Development Programme on

**"NATIONAL EDUCATION POLICY 2020"**

from 28 March- 03 April, 2022 and obtained

Grade A+.



Blockchain Hash: <https://blockchain.uptodown.com/verify/4e8102605652864503e477b0e404>

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. Sachin Kumar  
(Convener)  
Ramanujan College





Teaching Learning Centre, Ramanujan College  
University of Delhi

IN COLLABORATION WITH  
SST COLLEGE OF ARTS & COMMERCE, UTTAR NAGAR, VARANASI  
and  
HINDU COLLEGE, MORADABAD, UTTAR PRADESH  
under the aegis of  
MINISTRY OF EDUCATION  
PAADIT MAGAN MOHAN MALAVIKA NATIONAL MISSION ON TEACHERS AND TEACHING

This is to certify that:

**Mr. Nikhil Kumar**

of

Department of Commerce, Govt. College Bhoranj (Tarkwari), Hamirpur, Himachal Pradesh  
successfully completed a 4-Week Induction/Orientation Programme for  
"Faculty in Universities/Colleges/Institutes of Higher Education"  
from 25 February – 26 March, 2022  
and obtained Grade A+



Blockchain Hash: <https://www.blockchain.com/transaction/0x00>

CAT

Prof. S. P. Agarwal  
Principal & Director  
TLC, Ramanujan College

Dr. J. C. Pathari  
Principal, SST College of Arts &  
Commerce, Bhoranj, Hamirpur

Prof. S. S. Raut  
Principal, Hindu College  
Moradabad, U.P.



Teaching Learning Centre, Ramanujan College  
University of Delhi  
under the aegis of  
MINISTRY OF EDUCATION  
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Ravinder kumar**

of

Department of English, Govt. College, Bhoranj, Hamirpur, Himachal Pradesh.  
has successfully completed ONLINE INTER-DISCIPLINARY TWO-WEEK REFRESHER COURSE on

**"Managing Online Classes & Co-creating MOOCs 11.0"**

from 07 - 21 February, 2022 and obtained

**Grade A+**



Blockchain Hash: <https://www.blockchain.com/transaction/00>

*[Signature]*

Prof. S. P. Aggarwal  
(Principal & Director)  
T.C., Ramanujan College

*[Signature]*

Mr. Vipin Rusti  
(Convener)  
Ramanujan College

No. 818



## UGC-Human Resource Development Centre

Himachal Pradesh University, Shimla-171005

(NAAC Accredited 'A' Grade University)



### UGC SPONSORED ONE WEEK WORKSHOP

*Certificate of Participation*

This is to certify that Virender Kumar Assistant/Associate Professor  
in Physical Education and Sports Science from Department of Physical Education,  
Govt College Bhoranj Hamirpur, Himachal Pradesh  
affiliated to Himachal Pradesh University  
participated in the online Workshop on Yoga & Stress Management  
held from 06.09.2021 to 11.09.2021 for One days/work.

DIRECTOR

VICE-CHANCELLOR





Teaching Learning Centre, Ramanujan College  
University of Delhi  
under the aegis of  
MINISTRY OF EDUCATION  
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Dr. VINOD KUMAR**

of

Govt. College Bhoranj, Distt. Hamirpur, Himachal Pradesh  
has successfully completed Online-One Week Faculty Development Programme on

**"Data Analysis Using SPSS"**

from 06 - 12 September, 2021 and obtained

Grade **A+**.



Blockchain Hash: <https://www.scribd.com/document/581417349/Blockchain-Hash-Verification-System>

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. Sachin Tomer  
(Convener)  
Ramanujan College



Teaching Learning Centre, Ramanujan College  
University of Delhi

In collaboration with  
SST COLLEGE OF ARTS & COMMERCE, ULHASNAGAR, MAHARASHTRA  
and  
HENRI COLLEGE, MORADABAD, UTTAR PRADESH

under the aegis of  
MINISTRY OF EDUCATION

PAJJOOT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Bhupender Kumar**

of

Department of sociology, Govt College Bhoranj (Tarkwari) Distt. Hamirpur Himachal Pradesh  
successfully completed a 4-Week Induction/Orientation Programme for


"Faculty in Universities/Colleges/Institutes of Higher Education"

from 15 February - 16 March, 2022

and obtained Grade A.



Blockchain Hash: [00](https://www.blockchain.com/transaction/00)

  
Prof. S. P. Aggarwal  
Principal & Director  
TLC, Ramanujan College

  
Dr. J.C. Punwani  
Principal, SST College of Arts &  
Commerce, Ulhasnagar, Maharashtra

  
Prof. S.S. Rana  
Principal, Henri College  
Moradabad, U.P.



## E-Workshop on Yoga for General Fitness

(12.02.2022 to 18.02.2022)

75  
Azadi Ka  
Amrit Mahotsav

An initiative of  
Department of Music (Instrumental), Govt. Officers College, Bhatnagar, Bangra  
NSS Unit, Govt. College Nihal Mandi  
(a unit of the college)  
Pratibha Spandan (Charitable Society), Bhatnagar

75  
आज़ादी का  
अमृत महोत्सव

### Certificate of Appreciation

This certificate is awarded with great pleasure to

**MR. VIRENDER KUMAR**

for his/her participation in E-Workshop on 12-18 February 2022 as a delegate. His/Her contribution to the successful organisation of this workshop was appreciable.

Dr. Praveen Singh  
Principal  
Govt. College Unnao, Unnao, K.P.

Dr. Yashpal Singh  
Principal  
Govt. College Nihal Mandi

Dr. Anurag Singh  
President  
Pratibha Spandan, Bhatnagar

Mr. Nishant Singh  
Coordinator



Teaching Learning Centre, Ramanujan College  
University of Delhi

under the aegis of  
MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Dr. Sandeep Kumar**

of

Department of Geography, Govt. College Bhoranj (Tarkwari), Hamirpur, Himachal Pradesh  
successfully completed a 4-Week Induction/Orientation Programme for

**"Faculty in Universities/Colleges/Institutes of Higher Education"**

from 20 January - 19 February, 2022 and obtained

Grade A+.



Blockchain Hash: <https://www.blockchain.com/explorer/transactions/Bitcoin/752473a3d8647672d4e119eac74410d2>

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. Abhijit Pandey  
(Programme Director)  
Ramanujan College



पत्रांक सं./Enquiry No. 2022951491250



**CERTIFICATE OF PARTICIPATION IN  
ONLINE COURSE**

बह्म समागपत्र

DR. SANDEEP KUMAR

को "वैयक्तिक भविष्यवाणी" उपग्रह प्रणाली एवं स्थान आधारित सेवाएं" में ऑनलाईन वाटरचार्ज से भाग लेने पर प्रदान किया जाता है।

इस श्रीमन्नान्न पादघट्टन का आयोजन 21 फरवरी, 2022 से 04 मार्च, 2022 (कुल पादघट्टन की अवधि = 15 घंटे) के दौरान किया गया।

THIS CERTIFICATE IS

AWARDED TO

DR. SANDEEP KUMAR

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

"Global Navigation Satellite System and Location based services"

THIS ONLINE COURSE WAS CONDUCTED DURING 21-02-2022 to 04-03-2022 ( Total course duration was = 15 hours ).  
(Concerned IRS Nodal Centre- Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun, Uttarakhand)

Date 15-03-2022

Place: Dohradur

सहस्रपाठ, विश्वविद्यालय/संस्थान  
Coordinator, University/Institution

निदेशक/ Director  
आई.आई.आर.एस, देहरादून/ IIRS, Dehradun

UD: 70-75e716382c5a2ad2082aa93125553 This Certificate can be validated using URL: <https://certificates.irs.gov/>



Teaching Learning Centre, Ramanujan College  
University of Delhi

in collaboration with

Sree Narayana Guru College of Commerce, Mumbai  
under the aegis of

MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

This is to certify that

Monika Thakur

et

Department of Botany, Govt. Degree College, Bhoranj(Tarikwari), Himachal Pradesh  
has successfully completed INTER-DISCIPLINARY ONLINE TWO - WEEK REFRESHER COURSE on

"Managing Online Classes & Co-creating MOOCs 10.0"

from 13–27 December, 2021 and obtained

Grade A+



### Block chain Hash

Prof. S. P. Apparao  
(Principal & Director)  
TLC, Ramakrishna College



Dr. Ravindran Sarathnadi  
(Principal)  
S.N.G. College of Commerce





अंतरिक्ष विभाग / DEPARTMENT OF SPACE  
भारत सरकार / GOVERNMENT OF INDIA  
भारतीय अंतरिक्ष अनुसंधान संगठन / INDIAN SPACE RESEARCH ORGANISATION  
भारतीय दूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN



पत्रांकन सं. / Enrolment No.: 2021931362902



## CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

यह प्रमाणपत्र

DR. SANDEEP KUMAR

को "जैव विविधता संरक्षण योजना हेतु सूक्ष्मजीव विज्ञान"

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 06 दिसम्बर, 2021 से 17 दिसम्बर, 2021 (कुल पाठ्यक्रम की अवधि = 9 घंटे) के दौरान किया गया।

(संयोजित आई आई आर एस नोडल केंद्र - भारतीय अंतरिक्ष अनुसंधान संगठन (आई.एस.आर.ओ.), देहरादून, उत्तराखण्ड)।

THIS CERTIFICATE IS

AWARDED TO

DR. SANDEEP KUMAR

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

"Geo-informatics for Biodiversity Conservation Planning"

THIS ONLINE COURSE WAS CONDUCTED DURING 06-12-2021 to 17-12-2021 (Total course duration was = 9 hours).

(Concerned IRS Nodal Centre- Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun, Uttarakhand)

Date: 23-12-2021

Place: Dehradun

UID: 948775179020149186501891401085. This Certificate can be validated using QR: <https://isro.gov.in/remote-sensing>

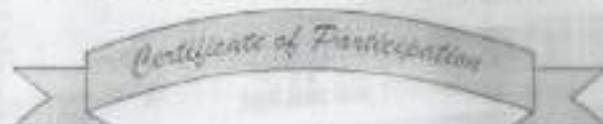
समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/Institution

निदेशक / Director  
आई.आई.आर.एस. देहरादून IIRS, Dehradun

**UGC-Human Resource Development Centre**

Himachal Pradesh University, Shimla-171005

(NAAC Accredited 'A' Grade University)

**UGC SPONSORED ONE WEEK WORKSHOP**

This is to certify that Dr. Naresh Kumar Assistant/Associate Professor  
in Physics from Gourt. College Bhoranj  
Himachal Pradesh  
affiliated to H.P. University Shimla  
participated in the online Workshop on Yoga & Stress Management  
held from 06.09.2021 to 11.09.2021 for One days/week

DIRECTOR

VICE-CHANCELLOR







Teaching Learning Centre, Ramanujan College  
University of Delhi

In collaboration with  
Department of Geography & IDAC,  
Gramin (ACS) Mahavidyalaya Vasantnagar (Kotgaol), Tal. Mulhed, Dist. Nanded Maharashtra  
And  
Department of Geography & IDAC,  
Sambhaji College (ACS), Mural, Dist-Latur, Maharashtra  
under the aegis of  
MINISTRY OF EDUCATION  
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Dr. Sandeep Kumar**

of

Department of Geography, Govt. College Bhoranj, (Tarkwari) Hamirpur, Himachal Pradesh  
has successfully attended and completed Two week Refresher Course on  
"Recent Trends in Geography"  
from 26 June – 10 July, 2022 and obtained  
Grade A.



Blockchain Hash: <https://www.blockchain.com/eth/tx/0x96521e748bc66671fb4bda17d0f1e225dcda22b52e9a278094387658851>

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. N. G. Mali  
Principal  
Sambhaji College

Prof. H. B. Rathod  
(Principal)  
Gramin (ACS) Mahavidyalaya



Teaching Learning Centre, Ramanujan College  
University of Delhi

under the aegis of  
MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Mr. Pawan Kumar**

of

Department of Commerce, Govt. College- Bhoranj (Tarkwari), Distt.- Hamirpur, (H.P.)

has successfully completed online interdisciplinary Two-Week Refresher Course On

**"Managing Online Classes & Co-creating MOOCS 16.0"**

from 13 - 27 July, 2022 and obtained

Grade A+.



Blockchain Hash: [0x70d228908a00596ddc592271351310205748371c7a9e0798c34e35b645f](#)

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. Nikhil Kr. Rajput  
(Convener)  
Ramanujan College



Teaching Learning Centre, Ramanujan College  
University of Delhi  
under the aegis of  
MINISTRY OF EDUCATION  
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Mr. Pawan Kumar**

of

Department of Commerce, Govt. College - Bhoranj (Tarkwari), Distt. - Hamirpur ( H.P.)

has successfully completed Online one week Faculty Development Programme on

**"E-Content Development"**

from 20 – 26 August, 2022 and obtained

Grade A+.



Blockchain Hash: [6a0e014764182c6175a295243d17b7c7ec2a7375d1eb71c241882f99d1c5a07](https://testnet4.bloxroute.com/txhash/6a0e014764182c6175a295243d17b7c7ec2a7375d1eb71c241882f99d1c5a07)

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. Ashish Kumar Shukla  
(Convener)  
Ramanujan College



**Teaching Learning Centre, Ramanujan College  
University of Delhi**

under the aegis of  
MINISTRY OF EDUCATION  
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING  
and  
Indian Accounting Association, NCR Chapter

*This is to certify that*


**DR. VIVEK CHAND CHANDEL**

*of  
Government College Bhoranj (Tarkwari), District Hamirpur, Himachal Pradesh*

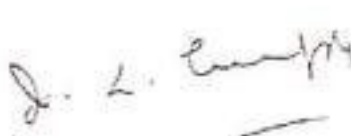
**has successfully completed  
Two Week Interdisciplinary Refresher Course on  
"Research Methodology and Data Analysis"  
from 16th September – 30th September, 2022  
and obtained Grade A+.**



Blockchain Hash: [Qx2d32r4f8d8ad4c6580931e263ba587edbee6ad6255a2eb652303c65ba7e6118](#)

  
Prof. S.P. Aggarwal  
Principal & TLC Director  
Ramanujan College,  
University of Delhi,



  
Dr. J. L. Gupta  
Member, University Court and  
Finance Committee, University of Delhi,  
Secretary, IAA NCR Chapter





Teaching Learning Centre, Ramanujan College  
University of Delhi

PRINCE THAKUR

has successfully completed  
Two Week Interdisciplinary Refresher Course on  
"Research Methodology and Data Analysis"  
from 16th September – 30th September, 2022  
and obtained Grade A+.



Blockchain Hash: [0x4c5728e43a27f8b040e4428f11e944ff54b310cfa3c7c39e1980a5ee224034](#)

Prof. S.P. Aggarwal  
Principal & TLC Director  
Ramnagar College,  
University of Delhi.



**Dr. J. L. Gupta**  
Member, University Court and  
Finance Committee, University of Delhi  
Secretary, IAA NCR Chapter





INDIRA GANDHI NATIONAL OPEN UNIVERSITY  
Staff Training and Research Institute of Distance Education  
New Delhi 110068



Control No.: 2230035495

UGC-Approved Short-Term Professional Development Programme  
Under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching

This is to certify that

**DR. SANDEEP KUMAR**

*Govt. College Bhoranj (Tarkwari), Hamirpur, H.P.*

participated in and successfully completed the

Professional Development Programme on  
'Implementation of NEP-2020 for University and  
College Teachers'

*held from 07-15 October, 2022*

*and obtained 'A+' Grade*

Prof. Santosh Panda  
Director, STRIDE &  
Coordinator of NEP-PDP Committee,  
Indira Gandhi National Open University

Prof. Uma Kanjilal  
Pro-Vice Chancellor  
Indira Gandhi National Open University

New Delhi  
Date of Issue: October 17, 2022



11.09.  
2022

Teaching Learning Centre, Ramanujan College  
University of Delhi  
under the aegis of  
MINISTRY OF EDUCATION  
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

This is to certify that

**Mr. Praveen Kumar**

of

Govt. College Bhoranj (Tarkwari), Hamirpur H.P.

has successfully completed online interdisciplinary Two-Week Refresher Course On

**"Managing Online Classes & Co-creating MOOCS 19.0"**

from 07 – 21 October, 2022 and obtained

Grade **A+**.



Blockchain Hash: 767134f738944c72107176764430c847f8785d3d0c488c339

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. Nikhil Kumar Rajput  
(Convener)  
Ramanujan College



Teaching Learning Centre, Ramanujan College  
University of Delhi

under the aegis of  
MINISTRY OF EDUCATION

PANDEY MADAN MOHAN MALAVIKA NATIONAL MISSION ON TEACHERS AND TEACHING

This is to certify that

**BHUPENDER KUMAR**

of

DEPARTMENT OF SOCIOLOGY, CC BHORANI (TARAWARI) H.P.

has successfully completed Online one week Faculty Development Programme on

"Digital Security in Online Classroom"

from 10- 16 October, 2022 and obtained

Grade A.



Blockchain Hash: <https://www.blockchain.com/transaction/1a2b3c4d5e6f7g8h9i0j>

Prof. S. P. Agarwal  
(Principal & Director)  
T.L. Ramanujan College

Dr. Vinod Kumar  
(Coordinator)  
Ramanujan College



## Certificate of Participation

This is certified that Prof./Dr./Ms./Mr. NIKHIL KUMAR  
from Govt. College Bhorani has participated in  
the International FDP organized by Department of Computer Science  
Engineering of JIS University, on 28th Nov to 2nd Dec, 2022.

Dr. Dharmpal Singh  
Head of Department  
School of Engineering  
JIS University







Teaching Learning Centre &  
Department of Management Studies  
Ramanujan College  
University of Delhi  
under the aegis of  
MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Pawan Kumar**

of

Govt College - Bhoranj (Tarkwari)

has successfully completed ONLINE TWO - WEEK REFRESHER COURSE in

"Commerce and Management"

from 1-14 December, 2022 and obtained

Grade **A+**.



Blockchain Hash: [02234403b0403c5672227463403d0147c3b3440d52580e802784ef](https://www.blockchain.com/transaction/02234403b0403c5672227463403d0147c3b3440d52580e802784ef)

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Ms. Parul Yadav  
(Programme Director)  
Ramanujan College



**Teaching Learning Centre,  
Ramanujan College University of Delhi**

In collaboration with

**Vivekanand Mahavidyalaya, Raipur**

under the aegis of

**MINISTRY OF EDUCATION**

**PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING**



This is to certify that

**Mr ASHISH NEGI, ASSISTANT PROFESSOR**

of

**GOVERNMENT COLLEGE BHORANJ, HAMIRPUR, (H.P.)**

has successfully completed online one-week Faculty Development Programme on

**"BLENDED LEARNING: Concepts and Tools"**

from 05 – 11 December, 2022 and obtained

**Grade A+.**



Blockchain Hash: <https://www.blockchain.com/transaction/3d15f4b0c4105c08>

Prof. S. P. Aggarwal  
(Principal & Director)  
R.C. Ramanujan College

Dr. Manoj Mishra  
(Principal)  
Vivekanand Mahavidyalaya



Teaching Learning Centre,  
Ramanujan College University of Delhi

In collaboration with  
Vivekanand Mahavidyalaya, Raipur  
under the aegis of  
MINISTRY OF EDUCATION  
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that  
**Dr. Sandeep Kumar, Assistant Professor**  
of  
Department of Geography, Govt. College Bhoranj, Hamirpur, Himachal Pradesh  
has successfully completed online one-week Faculty Development Programme on  
"BLENDED LEARNING: Concepts and Tools"  
from 05 – 11 December, 2022 and obtained  
Grade A+.



Blockchain Hash: bc29231e9302c56c2bda5d937963e9a870272336796a440129738c2836889f

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. Manoj Mishra  
(Principal)  
Vivekanand Mahavidyalaya



**UGC-Human Resource Development Centre**  
**Himachal Pradesh University, Shimla-171005**  
(NAAC Accredited 'A' Grade University)



**UGC SPONSORED REFRESHER COURSE**

*Certificate of Participation*

This is to certify that Asha Devi Assistant/Associate Professor  
in Sanskrit from Govt. College Bhoranj, Distt. Hamirpur,  
Himachal Pradesh  
affiliated to H.P. University, Shimla  
participated in the 2-week online Refresher Course on Hindi & Sanskrit  
held from 12-12-2022 to 24-12-2022 and obtained 'A' grade.

COURSE CO-ORDINATOR

DIRECTOR

VICE-CHANCELLOR

Teaching Learning Centre  
Ramanujan College, University of Delhi  
(Accredited Grade 'A++' by NAAC)

under the aegis of  
MINISTRY OF EDUCATION  
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

This is to certify that  
Mr. Nishant, Assistant Professor

of  
Department of English, GDC Bhokard (Tachewari), Distt. Hamirpur  
has successfully completed online two-week REFRESHING COURSE in  
"ENGLISH"

from 02 - 16 January, 2023 and obtained  
Grade A+



Blockchain Hash: 0x0a03222510425e090147240a208109080c20400a

Prof. S. P. Aggarwal  
(Principal & Director)  
T.C., Ramanujan College

Mr. Shashi Saxena  
(Convener)  
Ramanujan College

Dr. Himalya Samanta  
(Programme Director)  
Ramanujan College







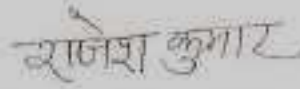


### **E-CERTIFICATE OF PARTICIPATION**

This is to certify that Dr. Asha Devi from Government College Ekranj has successfully participated in this online 20 Days National E-Workshop through Zoom/YouTube live from 10th April, 2023 to 29th April, 2023.

  
Convener

Dr. Umakant Shukla  
Secretary  
Global Sanskrit Forum, Bihar Prant

  
Secretary

Dr. Rajesh Kumar Mishra  
Secretary  
Global Sanskrit Forum

**UGC-MALAVIYA MISSION TEACHER TRAINING CENTRE  
BANARAS HINDU UNIVERSITY**



**CERTIFICATE OF PARTICIPATION**

**NEP 2020 Orientation & Sensitization Programme**

This is to certify that **Mr./Mrs./Ms./Dr./Prof. Naresh Kumar**, Assistant Professor from Government College Bhoranj (Tarkwari), Himachal Pradesh University, Shimla has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by UGC-Malaviya Mission Teacher Training Centre, Banaras Hindu University, Varanasi - 221005 (U.P.) from April 15 to 24, 2024.

**Director**



**Teaching Learning Centre**  
**Ramanujan College, University of Delhi**  
**(Accredited Grade 'A++' by NAAC)**

under the aegis of  
MINISTRY OF EDUCATION  
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Dr. Naresh Kumar**

of

Department of Physics, Govt. College Bhoranj (Tarkwari) Distt. Hamirpur (H.P.)  
has successfully completed Online one week Faculty Development Programme on

**"Psychological Skills for Teaching and Learning"**

from 10 - 16 October, 2023 and obtained

Grade A++.



Blockchain Hash: [0a25500559aaf1391b9bfdd5a9a383d1aacc0757286691c79b18871b65d00faad1](https://www.blockchain.com/transaction/0a25500559aaf1391b9bfdd5a9a383d1aacc0757286691c79b18871b65d00faad1)

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. Sachin Tomer  
(Convener)  
Ramanujan College





**Teaching Learning Centre**  
**Ramanujan College, University of Delhi**  
**(Accredited Grade 'A++' by NAAC)**

under the aegis of  
**MINISTRY OF EDUCATION**

**PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING**



This is to certify that

**Mr. Nishant (Assistant Professor of English)**

of

**GDC Bhoranj (Tarkwari) at Kanjian**

has successfully completed Online one week Faculty Development Programme on

**"Psychological Skills for Teaching and Learning"**

from 10 - 16 October, 2023 and obtained

Grade **A+**.



Blockchain Hash: [0x8b7a3c1469472ded4c4b3fc916ff770d69df36c2ffc0888d022ce781b6e4f59d](#)

*S. P. Aggarwal*

Prof. S. P. Aggarwal  
Principal & Director)  
Ramanujan College

*Self Attached*  
*ds*

*Sachin Tomer*

Dr. Sachin Tomer  
(Convener)  
Ramanujan College





**Teaching Learning Centre, Ramanujan College**  
**University of Delhi**  
(Accredited Grade 'A++' by NAAC)  
In collaboration with  
**Shri Mathuradas Mohota College of Science, Nagpur**  
under the aegis of  
**MINISTRY OF EDUCATION**  
**PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING**



This is to certify that  
**Mr. Nishant, Assistant Professor**  
of  
**GDC Bhoranj (Tarkwari)**  
has Successfully Completed online two - week Interdisciplinary Refresher Course in  
**"ADVANCED RESEARCH METHODOLOGY"**  
from 23 October – 06 November, 2023 and obtained  
Grade A.



Blockchain Hash: [0x56ae61e7f6792f6a8d3d155bbfd009b7ea054185a44c64dab007120b2533032c](#)

*S. P. Aggarwal*

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

*Self Attested*  
*AB*

*Divan*

Dr. Jeevan R. Dontulwar  
(Principal)  
SMM College of Science

*N. K. Rajput*

Dr. Nikhil Kr. Rajput  
(Deputy Director)  
TLC, Ramanujan College



## Teaching Learning Centre

Ramanujan College, University of Delhi

(Accredited Grade 'A++' by NAAC)

under the aegis of

MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Mr. Mukesh kumar**

of

Govt college Bhoranj (Tarakwari)

has successfully completed Online one week Faculty Development Programme on

**"Psychological Skills for Teaching and Learning"**

from 10 - 16 October, 2023 and obtained

Grade A+.



Blockchain Hash: [0x8af1b1bbf4c77f68da13edede8434137b33082214bac5aa2f064fa37fdef4f3](#)

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. Sachin Tomer  
(Convener)  
Ramanujan College



Teaching Learning Centre, Ramanujan College  
University of Delhi

(Accredited Grade 'A++' by NAAC)

In collaboration with

Shri Mathuradas Mohota College of Science, Nagpur

under the aegis of

MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Mukesh kumar**

of

Govt college Bhoranj (Tarakwari)

has Successfully Completed online two - week Interdisciplinary Refresher Course in

"ADVANCED RESEARCH METHODOLOGY"

from 23 October – 06 November, 2023 and obtained

Grade A.



Blockchain Hash: [0x9eb9b4471296c915bad17896e92f0c741f16444f14b8cad884d78a41b7d30e17f](#)

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. Jeevan R. Dontulwar  
(Principal)  
SMM College of Science

Dr. Nikhil Kr. Rajput  
(Deputy Director)  
TLC, Ramanujan College



DPKFDP022024109

**Dr. Sarvepalli Radhakrishnan**  
**Govt. Degree College Dharampur Mandi (H.P.)**



**FACULTY DEVELOPMENT PROGRAM (FDP)**  
On  
**NEP 2020 : A Paradigm Shift in Higher Education**


Organised by  
Internal Quality assurance Cell (IQAC)


***CERTIFICATE OF PARTICIPATION***

This is to certify that

Mr./Miss/Dr. Bhupender kumar Department of Sociology , GC Bhoranj has  
completed One Week Faculty Development Program (FDP) on NEP-2020  
w.e.f. February 19-24,2024.

  
Viveka Nand Sharma  
Organising Secretary

  
Ramesh Sharma  
Convener

  
Dr. Ramesh Dhalaria  
Patron(Principal)



## Teaching Learning Centre

Ramanujan College, University of Delhi

(Accredited Grade 'A++' by NAAC)

under the aegis of

MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Bhupender kumar**

of

Department of Sociology, Govt College Bhoranj (tarkwari)

has successfully completed online one week Faculty Development Programme on

**"DEVELOPING MOOCS"**

from 26 September – 02 October, 2023 and obtained

Grade A.



Blockchain Hash: [0x9558080c7909318973c255e01a70a3a484b0c6a06f170f0e0215a87623566](https://www.blockchain.com/transaction/0x9558080c7909318973c255e01a70a3a484b0c6a06f170f0e0215a87623566)

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. Ashish Kumar Shukla  
(Convener)  
Ramanujan College





## Teaching Learning Centre

Ramanujan College, University of Delhi

(Accredited Grade 'A++' by NAAC)

under the aegis of

MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Bhupender kumar**

of

Department of Sociology, Govt College Bhoranj (tarkwari)

has successfully completed online one week Faculty Development Programme on

**"DEVELOPING MOOCs"**

from 26 September – 02 October, 2023 and obtained

Grade A.



Blockchain Hash: [0e9568080d75002181173d265e01a2ba9248ab0c6e806712a1fde40215587423564](https://www.blockchain.com/transaction/0e9568080d75002181173d265e01a2ba9248ab0c6e806712a1fde40215587423564)

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. Ashish Kumar Shukla  
(Convener)  
Ramanujan College



Teaching Learning Centre, Ramanujan College  
University of Delhi

(Accredited Grade 'A++' by NAAC)

In collaboration with

Shri Mathuradas Mohota College of Science, Nagpur

under the aegis of

MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**BHUPENDER KUMAR**

of

Department of SOCIOLOGY, Govt. College Bhoranj (Tarkwari), Hamirpur, H.P.

has Successfully Completed online two - week Interdisciplinary Refresher Course in

**"ADVANCED RESEARCH METHODOLOGY"**

from 23 October - 06 November, 2023 and obtained

Grade A.



Blockchain Hash: [0x41e22197372ab609drc58f0c661305730532eb25fa672ab2e52e0127bbf02101](#)

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. Jeevan R. Dontulwar  
(Principal)  
SMM College of Science

Dr. Nikhil Kr. Rajput  
(Deputy Director)  
TLC, Ramanujan College

UGC-MALAVIYA MISSION TEACHER TRAINING CENTRE  
BANARAS HINDU UNIVERSITY



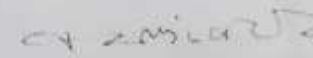
MALAVIYA MISSION  
TEACHER  
TRAINING PROGRAMME



CERTIFICATE OF PARTICIPATION

NEP 2020 Orientation & Sensitization Programme

This is to certify that **Mr./Mrs./Ms./Dr./Prof. Bhupender Kumar**, Assistant Professor from Govt.College Bhoranj (Tarkeari), Himachal Pradesh University, Shimla has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by UGC-Malaviya Mission Teacher Training Centre, Banaras Hindu University, Varanasi - 221005 (U.P.) from April 15 to 24, 2024.

A handwritten signature in black ink, appearing to read 'Dr. Anil Kumar'.

Director



## CERTIFICATE OF PARTICIPATION

### NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME

This is to certify that ..... Sunita Kumari ..... from  
..... G. C. Bhoranj, H P University .....  
.....  
has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya  
Mission Teacher Training Programme (MM-TTP) of University Grants Commission  
(UGC) Organized by ..... Central University of Jammu .....  
from ..... 20<sup>th</sup> Feb. 2024 ..... to ..... 29<sup>th</sup> Feb. 2024 .....

Director/Coordinator (MM-TTC)





## Teaching Learning Centre

Ramanujan College, University of Delhi

(Accredited Grade 'A++' by NAAC)

under the aegis of

MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Dr. Virender kumar**

of

Department of physical- Education, Govt, College Bhoranj, Hamirpur, H.P.

has successfully completed online Inter-Disciplinary two-week Refresher Course in

**"Managing Online Classes & Co- creating MOOCS 26.0"**

from 08 – 22 May, 2023 and obtained

Grade A.



Blockchain Hash: [0x026739f53fdacaa140c010fd6b10275b3959c8ff68692f04e988d0a934e721b9](https://www.blockchain.com/transaction/0x026739f53fdacaa140c010fd6b10275b3959c8ff68692f04e988d0a934e721b9)

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. Nikhil Kumar Rajput  
(Convenor)  
Ramanujan College





# Teaching Learning Centre

Ramanujan College, University of Delhi

(Accredited Grade 'A++' by NAAC)

under the aegis of

MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Dr. Virender Kumar**

of

DEPARTMENT OF PHYSICAL EDUCATION GOVT. COLLEGE BHORANJ, HAMIRPUR.

has successfully completed Online one week Faculty Development Programme on

**"Psychological Skills for Teaching and Learning"**

from 10 - 16 October, 2023 and obtained

Grade A++.



Blockchain Hash: [0x484a754f51c33de18c2dc8f01415e85ce0da9017fe36a896fb98dd47924114f0](https://www.blockchain.com/transaction/0x484a754f51c33de18c2dc8f01415e85ce0da9017fe36a896fb98dd47924114f0)

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Dr. Sachin Tomer  
(Convener)  
Ramanujan College



भारतीय प्रबंध संस्थान रायपुर  
Indian Institute of Management Raipur



**CAPACITY BUILDING PROGRAM ON ACADEMIC RESEARCH EXCELLENCE FOR  
YOUNG FACULTY MEMBERS IN SOCIAL SCIENCE**

Sponsored by ICSSR  
03 – 14 October 2023

Seating Row 1: (Left to Right) Shri A. Pali, Shri Hemant Khattar (Scheme Faculty), Shri Satyanka Das (Dean, Faculty, IIM Raipur), Shri Ravi Kumar Asari (Director, IIM Raipur), Shri Charanjit Bajaj (Programme Director, IIM Raipur), Shri J. Daniel Irwin (Programme Director, IIM Raipur)  
Seating Row 2: (Left to Right) Sushree Vaishali Kumar, B. Sushree Rakesh Kori, Sushree Kiren Bala Das, Sushree Nandya Prasad P. Sushree Nisha Oudry, Sushree Smita Nayak, Sushree Anjali Mishra, Sushree Anshu Sarangi, Sushree N. Jayaprada, Shri Anishak Kumar Yadav, Shri P. Saravathi  
Standing Row 3: (Left to Right) Sushree Suman Dewangan, Sushree Deepak Patra, Shri Dipankar Mishra, Shri Parvathi Gahal, Shri Gulshan Kumar, Shri Anil Pradhan, Shri Nishu Kumar, Sushree Shilpa Chak, Shri Nirmal Kumar M.



भारतीय प्रबंध संस्थान रायपुर  
INDIAN INSTITUTE OF MANAGEMENT RAIPUR



**Certificate**

This is to certify that

**Shri Gulshan Kumar**

participated in the

**Capacity Building Programme on  
"Academic Research Excellence for Young  
Faculty Members in Social Science"**

sponsored by the

Indian Council of Social Science Research (ICSSR)

03<sup>rd</sup> to 14<sup>th</sup> October 2023

J. Daniel Irwin  
Programme Director

Charanjit Bajaj  
Programme Director

Ravi Gupta  
Chairperson (EL&D)

Ravi Kumar Asari  
Director, IIM Raipur



## HINDUSTHAN COLLEGE OF ARTS & SCIENCE

Autonomous Institution – Affiliated to Bharathiar University

Approved by AICTE and Government of Tamilnadu

Accredited by NAAC with 'A++' Grade

Hindusthan Gardens, Avinashi Road, Coimbatore-641 028.



hicas@hindusthan.net



[www.hicas.ac.in](http://www.hicas.ac.in)



+91-422-4440555



### Certificate of Participation

**Dr.NIKHIL KUMAR**

Assistant Professor, Department of Commerce, Government College, Bhoranj (HP) has actively participated in the Seven Days National Level Faculty Development Programme on “**EMERGING TRENDS & CHALLENGES IN COMMERCE & MANAGEMENT EDUCATION**” from 19<sup>th</sup> September 2023-26<sup>th</sup> September 2023, organized by Department of Commerce with International Business, Hindusthan College of Arts & Science (Autonomous), Coimbatore-641 028.

**DR.P.ARUMUGASWAMY**  
**CONVENOR**



**DR.A.PONNUSAMY**  
**PRINCIPAL**





RABINDRANATH TAGORE GOVERNMENT DEGREE COLLEGE SARKAGHAT,  
DISTRICT MANDI, HIMACHAL PRADESH, INDIA

Certificate ID: [RNTGCS/FDP/2024/000001](#)

## CERTIFICATE OF COMPLETION

This is to certify that

**Dr. Nikhil Kumar**

Assistant Professor (Commerce) at Government  
College Bhoranj, Himachal Pradesh

has successfully completed one week Multidisciplinary  
Faculty Development Programme

on

**"Innovative Teaching Strategies & Tools in The Digital Era"**

*from 10 April, 2024 - 16 April, 2024*

*and obtained Grade : A*



**Mr. Shakti Chand**  
Co-Convenor

**Dr. Arun Sharma**  
Convenor

**Dr. R. R. KONDAL**  
Patron (Principal)



**Malaviya Mission Teacher Training Centre**  
**SHRI RAM COLLEGE OF COMMERCE**  
**University of Delhi**

S.no. 14

UID: SRCC/NEP/MAY24-A/14

## Certificate of Completion

This is to certify that **Prof.Vinay Kumar**, Assistant Professor from Govt College Bhoranj(Tarkwari), Hamirpur, Himachal Pradesh has completed the NEP 2020 Orientation & Sensitization Programme (Programme Code: MMC-138-2024-MAY-A-01600) in online mode under Malaviya Mission Teacher Training Programme (MMTTP) of Ministry of Education, Government of India organized by Malaviya Mission Teacher Training Centre, Shri Ram College of Commerce (MMTTC, SRCC) from May 1, 2024 to May 10, 2024

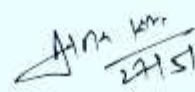
The NEP Orientation and Sensitization Programme shall be considered equivalent to One Week FDP/STP for regularization/ CAS as per MMTTP guidelines.

Dated: May 27, 2024



**MALAVIYA MISSION**  
**TEACHER**  
**TRAINING PROGRAMME**

  
27/5/2024

  
27/5/24







शिक्षा मंत्रालय  
MINISTRY OF  
EDUCATION



विश्वविद्यालय अनुदान आयोग  
University Grants  
Commission



**Malaviya Mission Teacher Training Centre**  
**SHRI RAM COLLEGE OF COMMERCE**  
**University of Delhi**

S.no. 14

UID: SRCC/NEP/MAY24-A/14

## Certificate of Completion

This is to certify that **Prof.Vinay Kumar, Assistant Professor** from **Govt College Bhoranj(Tarkwari), Hamirpur, Himachal Pradesh** has completed the **NEP 2020 Orientation & Sensitization Programme** (Programme Code: **MMC-138-2024-MAY-A-01600**) in online mode under **Malaviya Mission Teacher Training Programme (MMTTP)** of Ministry of Education, Government of India organized by **Malaviya Mission Teacher Training Centre, Shri Ram College of Commerce (MMTTC, SRCC)** from May 1, 2024 to May 10, 2024

The NEP Orientation and Sensitization Programme shall be considered equivalent to One Week FDP/STP for regularization/ CAS as per MMTTP guidelines.

Dated: May 27, 2024



**MALAVIYA MISSION**  
**TEACHER**  
**TRAINING PROGRAMME**

*V. Kumar*  
27/5/2024

*Atma Kumar*  
27/5/24

*in Delhi*



Teaching Learning Centre  
Ramanujan College, University of Delhi  
(Accredited Grade 'A++' by NAAC)  
under the aegis of  
MINISTRY OF EDUCATION  
MALAVIYA MISSION ON TEACHERS AND TEACHING PROGRAM



This is to certify that

**Mrs. Pooja Kumari**

of

Government College Bhoranj (Tarkwari) Hamirpur H.P.  
has successfully completed online two-week Refresher Course in  
"Chemistry"  
from 28 April – 11 May, 2024 and obtained  
Grade A.



Blockchain Hash: [0xf700c6b9c1f46cf4dcbc2bcf15b35fe0aaaf297aa9b886d46ad7ba7517d9df85](#)

Prof. K. Latha  
(Officiating Principal)  
Ramanujan College

Mr. Vipin Rath  
(Course Coordinator)  
Ramanujan College

Dr. Nikhil Kr Rajput  
(Programme Director)  
MMTTC, Ramanujan College



**MALAVIYA MISSION  
TEACHER  
TRAINING PROGRAMME**



## CERTIFICATE OF PARTICIPATION

### NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME

This is to certify that Asha devi from  
Government College Bhoranj, Himachal Pradesh University  
has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya  
Mission Teacher Training Programme (MM-TTP) of University Grants Commission  
(UGC)- Organized by Central University of Jammu  
from 20<sup>th</sup> Feb. 2024 to 29<sup>th</sup> Feb. 2024

*Neelika*

Director/Coordinator (MM-TTC)



TEACHING LEARNING CENTRE  
RAMANUJAN COLLEGE  
(Accredited Grade 'A++' by NAAC)  
UNIVERSITY OF DELHI  
under the aegis of  
Ministry of Education

Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching

And

BHĀRATAM: Bhārtīya Gyaṇ Paramparā  
Adhyayan, Adhyāpan Evam Anusandhān Kendra

This is to certify that

**Dr. Asha Devi**

of

GOVERNMENT COLLEGE BHORANJ TARKWARI

has successfully completed the 20-day Certificate Course (40 hours)/Refresher Course on Shrimad Bhagavad Gita:  
**Enlightenment and Relevance** organized by BHĀRATAM - Bhārtīya Gyaṇ Paramparā: Adhyayan, Adhyāpan Evam  
Anusandhān Kendra, held from 22-December 2023 to 10-January 2024.

He/She secured A+ grade in the course.



Blockchain Hash: [0x313f59bce3a36e7848a786f5f5a7c6862d12fbd775d892f54e401a0a640635a8](#)

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College



PROF. K. LATHA  
(Director, BHARATAM)  
Ramanujan College



# Teaching Learning Centre

Ramanujan College, University of Delhi

(Accredited Grade 'A++' by NAAC)

under the aegis of

MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

This is to certify that

**Dr. Vivek Chand Chandel**

of

Department of Botany, Government College Bhoranj (Tarkwari), District Hamirpur, Himachal Pradesh

has successfully completed Online one week Faculty Development Programme on

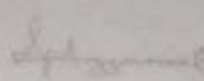
**"Psychological Skills for Teaching and Learning"**


from 10 - 16 October, 2023 and obtained

Grade A+.

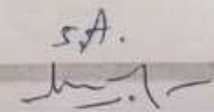


Blockchain Hash: [0x9e3e0773426303760a8566d1d5f8dcbead1ee329a573c64ff69c324a1a151b185](#)

  
Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

  
Dr. Sachin Tomer  
(Convener)  
Ramanujan College







**No. of Paper Presented in  
Conferences/ Seminars/ Symposia (in last three years):**





## National Conference

On

**BIODIVERSITY LOSS AND CLIMATE CHANGE:  
TWO FACES OF THE SAME COIN**

**3<sup>rd</sup> December, 2023**

Organised by

**Department of Bio-Sciences**

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

### Certificate of Participation

This is to certify that Dr./Mr./Ms. .... Mukesh Kumar ..... Professor/Associate Professor/  
Assistant Professor. Department of Physics ..... from Govt. College Bhoranj .....  
(Tarkidwar), Distt. Hamirpur (HP) ..... participated in the National Conference held on 3<sup>rd</sup> December, 2023.

He/She has acted as *Resource Person/ Chairperson/ Co-Chairperson/Technical Assistant* in one Technical Session.

  
Organising Secretary

  
Convener

  
Patron (Principal)



# 1<sup>st</sup> International Conference on Science and Technology for Sustainable Future

STSF-2023  
(Nov. 25-26, 2023)

Organized by :  
Sardar Patel University Mandi, Mandi-175001, Himachal Pradesh (India)

## Certificate

This is to certify that Mukesh Kumar from Govt  
College Bhoranj (Tankwari), Hamirpur has participated in the conference STSF -2023  
and presented an Online/ Offline Poster on the topic Biodiversity loss and major  
threats in the himalayan region

  
Prof. Anupama Singh  
Patron

  
Dr. Lakhveer Singh  
Convener

  
Prof. Rajesh Kumar Sharma  
Convener

  
Dr. Saneel K. Thakur  
Convener

 ACS Publications  
Most Trusted. Most Cited. Most Read.



DL-P-3-PH  
S.No. .... 101







International Conference  
on

Tribal Identity in India: Issues, Challenges and the Road Ahead

1st - 2nd and 4th October 2023

Certificate ID: GCP/IC23/0204

Certificate

This is to certify that Mukesh Kumar has presented a paper entitled, "National Education Policy: Issues and Challenges" at the International Conference organized by Govt College Pangi in collaboration with Himalayan Council for Scientific Research (HCSR).

Ms. Ritika Jindal  
Chief Patron  
RC Pangi

Sh. Raman Gharsanghi  
Patron  
SDM Pangi

Dr. Promila Devi  
Convener  
Officiating Principal  
GC Pangi

Dr. Vipin C Rathore  
Patron of HCSR  
Former Principal  
GC Pangi

Mr. Biyaso Ram  
Conference Secretary  
AP Economics, GC Pangi



ठाकुर रामसिंह इतिहास शोध संस्थान नेरी, हमीरपुर (हि.प्र.)

एवं  
भारतीय इतिहास अनुसंधान परिषद् (ICHR) नई दिल्ली

द्वारा आयोजित

## राष्ट्रीय परिसंवाद हिमाचल प्रदेश की सांस्कृतिक धरोहर

कलियुगाब्द 5126, विक्रमी संवत् 2081, वैशाख कृष्ण 11-12 (04-05 मई, 2024)

### प्रमाण पत्र

प्रमाणित किया जाता है कि...Bhupender kumar (Assistant Professor).....

ने राष्ट्रीय परिसंवाद में भाग लिया। प्रतिभाषी ने Fair and Festivals in Himachal Pradesh: A Case study of Mandi Distt. in H.P. विषय पर अपना शोध पत्र प्रस्तुत किया/सहभागिता/तकनीकी सत्र की अध्यक्षता/उपाध्यक्षता की।

क्रमांक ..105.....  
दिनांक ..05/05/2024

आयोजन सचिव  
राष्ट्रीय परिसंवाद

संयोजक  
राष्ट्रीय परिसंवाद

महामंत्री  
इतिहास शोध संस्थान नेरी





International Conference  
on

Tribal Identity in India: Issues, Challenges and the Road Ahead

1st - 2nd and 4th October 2023

Certificate ID: GCP/IC23/0203

**Certificate**

This is to certify that Bhupender Kumar has presented a paper entitled, "National Education Policy: Issues and Challenges" at the International Conference organized by Govt College Pangi in collaboration with Himalayan Council for Scientific Research (HCSR).

Ms. Ritika Jindal  
Chief Patron  
RC Pangi

Sh. Raman Gharsanghi  
Patron  
SDM Pangi

Dr. Promila Devi  
Convener  
Officiating Principal  
GC Pangi

Dr. Vipin C Rathore  
Patron of HCSR  
Former Principal  
GC Pangi

Mr. Biyaso Ram  
Conference Secretary  
AP Economics, GC Pangi

# National Conference

On

**BIODIVERSITY LOSS AND CLIMATE CHANGE:  
TWO FACES OF THE SAME COIN**

**3<sup>rd</sup> December, 2023**

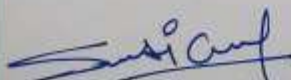
Organized by

**Department of Bio-Sciences**

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

## Certificate of Participation

This is to certify that Dr./Mr./Ms. ....Bhupender Kumar..... Professor/Associate  
Professor/Assistant Professor/ Research Scholar/ UG/PG Student of Department of Sociology..... from  
G.C. Bhawan?..... Participated in the National Conference held on  
3<sup>rd</sup> December, 2023. He/She has presented a research paper/article entitled Green house effect, Global warming  
and Climate change.....

  
Organising Secretary

  
Convener

  
Patron (Principal)



# HIMACHAL PRADESH UNIVERSITY

(NAAC ACCREDITED 'A' GRADE UNIVERSITY)

Conf. Id. RC23 P44  
/125

UNIVERSITY REGIONAL CENTRE DHARAMSHALA(H.P.)

## International Hybrid Conference

on  
History and Culture of Himalayan Tribes: Status and Continuity

October 27-28, 2023

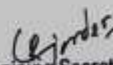
In collaboration with




### Certificate


This is to certify that Prof./ Dr./ Mr./Ms. Bhupender Kumar Designation Asst. Prof. Sociology has  
University/College/Institution Gera College, Dhamirpur  
Participated/Presented Presented paper a session/speaker entitled History &  
Culture of Himalayan Tribes: Status and Continuity Name of the session 4A (Technical)

in International Hybrid Conference organised by Department of History, HPU Regional Centre, Dharamshala, District Kangra, Himachal Pradesh, India.

  
Organising Secretary  
Rajender Kumar  
HPU RC Dharamshala

  
Convenor  
Dr. Mohinder Slariya  
Scientific Steering Committee

  
Conference Convenor  
Dr. Raj Kumar  
HPU RC Dharamshala

  
Director cum Patron  
Prof. D. P. Verma  
HPU RC Dharamshala



Interdisciplinary National Seminar

on

**INDIGENOUS KNOWLEDGE SYSTEM: A LEADING WAY TO SUSTAINABILITY**

(November 04 - 05, 2023)

Sponsored by - Indian Council of Social Science Research (ICSSR), New Delhi

Organized by - Department of Sociology

**Jagdish Saran Hindu (P. G.) College, Amroha (U.P.)**



**CERTIFICATE**

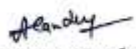
This is to certify that ~~Ms./Mr./Dr./Prof.~~ Sandeep Kumar

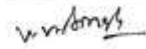
Designation Assistant Professor Department of Geography

Institution Govt. College Bhoranj, District Hamirpur, Himachal Pradesh

has participated in National Seminar on "Indigenous Knowledge System: A Leading Way to Sustainability" organized by Department of Sociology, Jagdish Saran Hindu (P. G.) College, Amroha held on November 04 - 05, 2023.

She/ He has participated as a Chairperson/ Guest/ Keynote Speaker/ Subject Expert/ Chaired a Technical Session/ Repertoire/ Participant and delivered lecture/ presented a paper on Role of Indigenous Knowledge System in Sustainability.

  
Dr. Anurag Kumar Pandey  
Convener

  
Prof. (Dr.) Veer Virendra Singh  
Principal/ Patron







सरदार पटेल विश्वविद्यालय मण्डी (हि.प्र.)

इतिहास विभाग

व

ठाकुर रामसिंह इतिहास शोध संस्थान नेरी, हमीरपुर (हि.प्र.)

के संयुक्त तत्वावधान में आयोजित

एवं

भारतीय इतिहास अनुसंधान परिषद, नई दिल्ली

(शिक्षा मंत्रालय, भारत सरकार)

द्वारा वित्तपोषित

राष्ट्रीय संगोष्ठी

विषय: स्वराज संघर्ष व राष्ट्र एकीकरण में सरदार वल्लभभाई पटेल का योगदान

Contribution of Sardar Vallabhbhai Patel in Swaraj Struggle and Nation Integration

कलियुगाब्द 5125, विक्रमी संवत् 2080, कार्तिक कृष्ण 02-03 (30-31 अक्टूबर, 2023)

प्रमाण-पत्र

प्रमाणित किया जाता है कि प्रो./डॉ./श्री/श्रीमती/सुश्री Sandeep Kumar

Govt. College, Bhoranj, Hamirpur

ने स्वराज संघर्ष व राष्ट्र एकीकरण में सरदार वल्लभभाई पटेल का योगदान विषय पर आयोजित राष्ट्रीय

संगोष्ठी में Role of Sardar Patel in National Integration: An Overview

शीर्षक पर शोध पत्र प्रस्तुत किया / सहभागिता की।

आपके यशस्वी जीवन की कामना करते हुए यह प्रमाण पत्र आपको सहर्ष प्रदान किया जाता है।

क्रमांक : His- 82

दिनांक : 31-10-2023

आयोजन राधिव  
राष्ट्रीय संगोष्ठी

संयोजक  
राष्ट्रीय संगोष्ठी

प्रति कुलपति  
अधिष्ठाता, अकादमिक मामलों  
सरदार पटेल विश्वविद्यालय मण्डी (हि.प्र.)





# Govt. P. G. College Bilaspur

Himachal Pradesh, India

National Seminar

ON

*Ethics in Society: Issues and Challenges*

(16<sup>th</sup> September, 2023)

Organised by

Department of Hindi

## Certificate

This is to certify that <sup>✓</sup>Dr./Mr./Ms. Sandeep Kumar Professor/  
Associate Professor/Assistant Professor/Research Scholar of ..... from  
Govt. College Bhatari (Tasikwari) Distt. Hamirpur participated in National Seminar  
on *Ethics in Society: Issues and Challenges*. He/she acted as the Key Note Speaker/Resource Person/Chair  
Person. He/she delivered a talk/presented a paper/research paper entitled Research  
and ethics :- A vital nexus in contemporary scholarship.

  
Convenor  
Dr. Shyam Lal

  
Organising Secretary  
Dr. Surinder Singh

  
Patron (Principal)  
Neena Vasudeva

Sr. No. ....54.....



**National Seminar**  
on  
**Life and Contributions of Dr. BR Ambedkar**  
and  
**Contemporary Issues in Environment, Culture & Indian Society**



Organized by  
**Department of Zoology, NSCBM Govt. College Hamirpur (H. P.)**  
(6th December, 2023)

This is to certify that Dr. / Mr. / Ms. ....Sandeep Kumar.....Professor/ Associate Professor /  
Assistant Professor/Research Scholar of .....Geography.....from  
.....Govt. College, Bhoranj (Tarkwari) Hamirpur, H.P.....participated  
in this seminar held on 6th December, 2023.

He / she has presented a paper/ research paper entitled...Drug Abuse: A major threat to...  
.....Society.....

  
**Org. Secretary**  
Ms. Babita Suman

  
**Co-Convenor**  
Dr. Sandeep Kumar

  
**Convenor**  
Dr. Krishal Lal

  
**Patron-cum-Principal**  
Dr. Pramod Patial



## National Conference

On

**BIODIVERSITY LOSS AND CLIMATE CHANGE:  
TWO FACES OF THE SAME COIN**

**3<sup>rd</sup> December, 2023**

Organized by

**Department of Bio-Sciences**

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

### **Certificate of Participation**

This is to certify that Dr./Mr./Ms. *Sandeep Kumar* Professor/Associate Professor/Assistant Professor/ Research Scholar/ UG/PG Student **Department of Geography, Govt. College Bhoranj (Tarkwari), Hamirpur, H.P., India**, Participated in the National Conference held on 3<sup>rd</sup> December, 2023. He/She has presented a research paper/article entitled **Biodiversity Issues in India: Challenges and Conservation Efforts**.

Organising Secretary

Convenor

Patron (Principal)



**International Conference on  
Recent Trends in Science & Technology  
For Environment Conservation & Sustainable Development**  
September 29-30, 2023



Organized By  
Department of Botany and Zoology  
**Sidharth Govt. Utkrisht College Nadaun, Himachal Pradesh, INDIA**  
In collaboration with  
**The Indian Science Congress Association (ISCA), Shimla Chapter**

**Certificate**

This is to certify that Prof./Dr./Mr./Ms. Sandeep Kumar Designation Asst. Prof.,  
Geography, Govt. College, Bhoranj, Hamirpur, H.P. has participated as a Keynote Speaker/Resource  
Person/Invited Speaker/ Presented Paper/Poster entitled Climate change and food security: Con-tem-  
porary issues and challenges in India in the international conference on  
Recent Trends in Science and Technology for Environment Conservation and Sustainable Development organized by Deptt.  
of Botany & Zoology, Sidharth Govt. Utkrisht College Nadaun, Himachal Pradesh, India on Sep 29-30, 2023.  
He/She has been awarded with Best Oral Presentation/Poster Presentation.

  
**Dr. Sunita Saklani**  
Organizing Secretary

  
**Prof. Bhagwati P Sharma**  
Convener

  
**Dr. Anil Kumar Gautam**  
Principal-Cum-Patron



# International Conference 2024

On

"Recent Trends And Innovations For A Greener Future"

(9-10 Feb 2024)

Organized by

Department of Chemistry, NSCBM Govt. College Hamirpur (H. P.)

In Collaboration With

The Indian Science Congress Association (ISCA) Shimla Chapter



## CERTIFICATE

This is to certify that Dr/Mr/Ms Sandeep Kumar, Dept of Geography, GC Bhoranj (HP)  
 Professor/Associate Professor/Assistant Professor/Research Scholar/UG/PG Student has  
 participated as a Keynote Speaker/Resource Person/Invited Speaker/Presenter Paper/Poster  
 entitled Government Initiatives for Environmental Conservation : A Critical  
Review in the International Conference held on 9th-  
 10th February, 2024. He/She has **Chaired/Co-chaired the Technical Session.**  
 He/She has been awarded with **Best Poster Presentation.**

  
 Dr. N. Deepika Khanna  
 Organising Secretary

  
 Dr. Rajan C. Sharma  
 Convenor

  
 Dr. Shashi Sharma  
 Chairman

  
 Dr. Pramod S. Patil  
 Patron/Principal



Sr. No. ....65.....

Date 22<sup>nd</sup> Sept., 2023



**National Conference  
on  
Global Perspective on Science and Technology for Sustainable Future**



Organized by  
**Netaji Subhash Chandra Bose Memorial Govt. College Hamirpur (H. P.)**


In collaboration with  
**The Indian Science Congress Association (ISCA) Shimla Chapter**  
(21<sup>st</sup> -22<sup>nd</sup> September, 2023)

This is to certify that Dr. / Mr. / Ms. ....Sandeep Kumar..... Professor/ Associate Professor /  
Assistant Professor of ....Geography..... from  
.....Govt. College Bhoranj (Tarkwari) Hamirpur, H.P..... participated  
in this conference held on 21-22 September, 2023.

He / she has presented a paper/ research paper entitled....Global Warming and Climate Change:  
.....A Critical Review.....

  
Convenor

  
Convenor  
(ISCA, Shimla Chapter)

  
Chairman

  
Patron  
(Principal)



Sr.No.IC-2023/...43...(B)



Certificate No. ...1326(B)



# International Conference

on

Resilient Futures : Adapting to Climate Variabilities in Agriculture, Economy, and Environment

Dec.29, 2023

Organized by

S.C.V.B. Govt. College Palampur (H.P.)

## Certificate

This certificate is awarded to Prof./Dr./Mr./Ms. Sandeep Kumar  
University/College/Institution Govt. College Bhoranj (Tarkwaxi), Hamirpur  
for/delivering a Keynote Address/Invited Talk/Chairing a Session/Paper Presentation/Poster Presentation/Participation in  
International Conference on the topic Role of Community Awareness and  
Participation in Climate Adaption

This International Conference was conducted in hybrid mode.

Convener

Organizing Secretary

Principal



# HIMACHAL PRADESH UNIVERSITY

Conf. Id. RC23 Pkg 04

(NAAC ACCREDITED 'A' GRADE UNIVERSITY)

**UNIVERSITY REGIONAL CENTRE DHARAMSHALA(H.P.)**

## International Hybrid Conference

on  
**History and Culture of Himalayan Tribes: Status and Continuity**

**October 27-28, 2023**

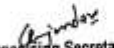
*In collaboration with*



### Certificate


This is to certify that Prof./ Dr./ Mr./Ms. Sandeep Kumar Designation Assistant Professor  
University/College/Institution Govt. College Bhora has  
Participated/Presented Paper/Chaired/Co-chaired a session/speaker entitled Policies and  
Programmes for Tribal Development in Himachal Pradesh: A study of  
Kinnaur Tribe Name of the session TS-2A

in International Hybrid Conference organised by Department of History, HPU Regional Centre, Dharamshala, District Kangra, Himachal Pradesh, India.

  
Organising Secretary  
Rajender Kumar  
HPU RC Dharamshala

  
Convener  
Dr. Mohinder Salaria  
Scientific Steering Committee

  
Conference Convenor  
Dr. Raj Kumar  
HPU RC Dharamshala

  
Director cum Patron  
Prof. D. P. Verma  
HPU RC Dharamshala



# 1<sup>st</sup> International Conference on Science and Technology for Sustainable Future

STSF-2023  
(Nov. 25-26, 2023)

DL-0-6-CH/02  
S.No. ....




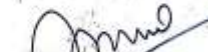
Organized by :  
Sardar Patel University Mandi, Mandi-175001, Himachal Pradesh (India)

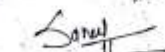
## Certificate

This is to certify that Dr. Sandeep Kumar from Govt.  
College Bhoranj (Tarkwari), Hamirpur has participated in the conference STSF-2023  
and delivered an Online/ Offline Oral Presentation on the topic Energy and Environment :  
A symbiotic Relationship

  
Prof. Anupama Singh  
Patron

  
Dr. Lakhveer Singh  
Convener

  
Prof. Rajesh Kumar Sharma  
Convener

  
Dr. Saneel K. Thakur  
Convener







सरदार पटेल विश्वविद्यालय मण्डी (हि.प्र.)

इतिहास विभाग

व

ठाकुर रामसिंह इतिहास शोध संस्थान नेरी, हमीरपुर (हि.प्र.)

के संयुक्त तत्वावधान में आयोजित

एवं

भारतीय इतिहास अनुसंधान परिषद, नई दिल्ली

(शिक्षा मंत्रालय, भारत सरकार)

द्वारा वित्तपोषित

राष्ट्रीय संगोष्ठी

विषय: स्वराज संघर्ष व राष्ट्र एकीकरण में सरदार वल्लभभाई पटेल का योगदान

Contribution of Sardar Vallabhbhai Patel in Swaraj Struggle and Nation Integration

कलियुगाब्द 5125, विक्रमी संवत् 2080, कार्तिक कृष्ण 02-03 (30-31 अक्तुबर, 2023)

प्रमाण-पत्र

प्रमाणित किया जाता है कि प्रो./डॉ./श्री/श्रीमती/सुश्री Sandeep Kumar

Govt. College Bhoranj Hamirpur

ने स्वराज संघर्ष व राष्ट्र एकीकरण में सरदार वल्लभभाई पटेल का योगदान विषय पर आयोजित राष्ट्रीय संगोष्ठी में Role of Sardar Patel in National Integration: An Overview

शीर्षक पर शोध पत्र प्रस्तुत किया / सहभागिता की।

आपके यशस्वी जीवन की कामना करते हुए यह प्रमाण पत्र आपको सहर्ष प्रदान किया जाता है।

क्रमांक : His-82

दिनांक : 31-10-2023

आयोजन सचिव  
राष्ट्रीय संगोष्ठी

संयोजक  
राष्ट्रीय संगोष्ठी

प्रति कुलपति  
अधिष्ठाता, अकादमिक मामले  
सरदार पटेल विश्वविद्यालय मण्डी (हि.प्र.)



School of Basic & Applied Science and Engineering & Technology

Organizing

Two Days National Conference

on

Innovative Trends in Science and Engineering

(20-21 May, 2024)

**CERTIFICATE**

OF PARTICIPATION

This certified that Dr/Mr/Ms Sandeep Kumar  
of Govt. College Bhoranj (Tarkwari) Hamirpur (HP) has made Oral  
/Poster Presentation on Population growth and environmental issues in India in  
Two Days National Conference on Innovative Trends in Science and Engineering organized by School of Basic  
& Applied Science and Engineering & Technology in collaboration with Institution's Innovation Council (IIC) &  
Centre For Nano-Science & Technology, Career Point University, Hamirpur on 20-21 May, 2024.

  
Convener  
ITSE-2024

  
Vice Chancellor  
CPUH



**International Conference  
on**

**Tribal Identity in India: Issues, Challenges and the Road Ahead**

**1st - 2nd and 4th October 2023**

Certificate ID: GCP/IC23/0150

**Certificate**

This is to certify that Sunita Kumari has presented a paper entitled, "SCHEDULE TRIBES AND CONSTITUTION OF INDIA" at the International Conference organized by Govt College Pangi in collaboration with Himalayan Council for Scientific Research (HCSR).

**Ms. Ritika Jindal**  
Chief Patron  
RC Pangi

**Sh. Raman Gharsanghi**  
Patron  
SDM Pangi

**Dr. Promila Devi**  
Convener  
Officiating Principal  
GC Pangi

**Dr. Bipan C Rathore**  
Patron of HCSR  
Former Principal  
GC Pangi

**Mr. Biyaso Ram**  
Conference Secretary  
AP Economics, GC Pangi





॥ ओ३म् ॥

॥ वेदोऽखिलो धर्ममूलम् ॥



पंजीकरण  
संख्या-130



वेद विभाग गुरुकुल कांगड़ी समविश्वविद्यालय हरिद्वार द्वारा

# दयानन्द दर्शन की वर्तमान में उपादेयता



विषय पर आयोजित एक-दिवसीय शोध संगोष्ठी (ऑनलाइन/ऑफलाइन)

दिनांक- 11 मार्च 2024, दिन सोमवार, स्थान- वेद विभाग पं. भगवदत्त भवन

## प्रमाण-पत्र

प्रमाणित किया जाता है कि सुश्री/श्रीमति/डॉ./प्रो. विनय कुमार संस्था- असि.प्रोफेसर राजकीय महाविद्यालय भोरञ्ज, हमीरपुर, हिमाचल प्रदेश ने एक दिवसीय शोध संगोष्ठी में प्रतिभागी के रूप में (ऑनलाइन/ऑफलाइन) अपनी उपस्थिति प्रदान की तथा दयानन्द दर्शन की वर्तमान में उपादेयता विषय पर अपना शोधपत्र वाचन किया। गुरुकुल परिवार आपके उज्ज्वल भविष्य एवं मंगलमय जीवन की कामना करता है।

प्रो. प्रभात कुमार  
मुख्य संयोजक / डीन प्राच्यविद्या संकाय

डॉ. दीनदयाल  
संयोजक/ प्रभारी वेद विभाग

डॉ. रामचन्द्र मेघवाल  
सह-संयोजक/ सहायक आचार्य





International Conference  
on

Tribal Identity in India: Issues, Challenges and the Road Ahead

1st - 2nd and 4th October 2023

Certificate ID: GCP/IC23/0117

**Certificate**

This is to certify that Dr. Asha Devi has presented a paper entitled, "Traditional use of Medicinal and aromatic plants in tribal areas of Lahual valley and their role in Sustainability of Livelihoods" at the International Conference organized by Govt College Pangi in collaboration with Himalayan Council for Scientific Research (HCSR).

Ms. Ritika Jindal  
Chief Patron  
RC Pangi

Sh. Raman Gharsanghi  
Patron  
SDM Pangi

Dr. Promila Devi  
Convener  
Officiating Principal  
GC Pangi

Dr. Bipan C Rathore  
Patron of HCSR  
Former Principal  
GC Pangi

Mr. Biyaso Ram  
Conference Secretary  
AP Economics, GC Pangi



International Conference  
on

Tribal Identity in India: Issues, Challenges and the Road Ahead

1st - 2nd and 4th October 2023

Certificate ID: GCP/IG23/0117

**Certificate**

This is to certify that Dr. Asha Devi has presented a paper entitled, "Traditional use of Medicinal and Aromatic plants in tribal areas of Lahual valley and their role in Sustainability of Livelihoods" at the International Conference organized by Govt College Pangi in collaboration with Himalayan Council for Scientific Research (HCSR).

Ms. Ritika Jindal  
Chief Patron  
RC Pangi

Sh. Raman Gharsanghi  
Patron  
SDM Pangi

Dr. Promila Devi  
Convener  
Officiating Principal  
GC Pangi

Dr. Bipan C Rathore  
Patron of HCSR  
Former Principal  
GC Pangi

Mr. Biyaso Ram  
Conference Secretary  
AP Economics, GC Pangi



# National Conference

On



## BIODIVERSITY LOSS AND CLIMATE CHANGE: TWO FACES OF THE SAME COIN

**3<sup>rd</sup> December, 2023**

Organized by

**Department of Bio-Sciences**

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

### **Certificate of Participation**

This is to certify that Dr./Mr./Ms. *Vivek Chand Chandel* Professor/Associate Professor/Assistant Professor / Research Scholar/UG/PG Student **Department of Botany, Government College Bhoranj (Tarkwari), District Hamirpur (H.P.) 177025.** Participated in the National Conference held on 3<sup>rd</sup> December, 2023. He/She has presented a research paper/article entitled **Seasonal Gaddi Migration: Biodiversity Dynamics Along Altitudinal Gradients In Himachal Pradesh's High To Low Altitude Landscapes.**

  
Organising Secretary

  
Convener

  
Patron (Principal)





**International Conference on  
Recent Trends in Science & Technology  
For Environment Conservation & Sustainable Development  
September 29-30, 2023**



**Organized By**

**Department of Botany and Zoology**

**Sidharth Govt. Utkrisht College Nadaun, Himachal Pradesh, INDIA**

**In collaboration with**

**The Indian Science Congress Association (ISCA), Shimla Chapter**

**Certificate**

This is to certify that Prof./Dr./Mr./Ms ..... Vivek Chand Chandel ..... Designation..... A. P., Botany  
..... Govt. College Bharanj Dist. Hamirpur (H.P.) ..... has participated as a **Keynote Speaker/Resource**  
**Person/Invited Speaker/ Presented Paper/Poster** entitled..... Seabuckthorn (*Hippophae* spp. L.): Socio-  
economic significance and conservation methods..... in the international conference on  
**Recent Trends in Science and Technology for Environment Conservation and Sustainable Development** organized by **Deptt.**  
**of Botany & Zoology, Sidharth Govt. Utkrisht College Nadaun, Himachal Pradesh, India** on Sep 29-30, 2023.

He/She has been awarded with **Best Oral Presentation/Poster Presentation**.

*Sunita*

**Dr. Sunita Saklani**  
Organizing Secretary

*B. Sharma*

**Prof. Bhagwati P Sharma**  
Convener

*A. Gautam*

**Dr. Anil Kumar Gautam**  
Principal-Cum-Patron





# International Conference

on

Resilient Futures : Adapting to Climate Variabilities in Agriculture, Economy, and Environment

Dec.29, 2023

Organized by

S.C.V.B. Govt. College Palampur (H.P.)

Certificate

This certificate is awarded to Prof./Dr./Mr./Ms. Vivek Chand Chandel

University/College/Institution Govt. College Bhoranj (Tatekwar), Dist Hamirpur

for/delivering a Keynote Address/Invited Talk/Chairing a Session/Paper Presentation/Poster Presentation/Participation in

International Conference on the topic Biodiversity Conservation Strategies vis a vis Climate Change: A Focus on the Western Himalayan Region

This International Conference was conducted in hybrid mode.

Convener

Organizing Secretary

Principal



**International Conference**  
on

**Tribal Identity in India: Issues, Challenges and the Road Ahead**

**1st - 2nd and 4th October 2023**

**Certificate ID: GCP/IC23/0129**

**Certificate**

This is to certify that Vivek Chandel has presented a paper entitled, “Exploring Ethnoveterinary Practices: *Achyranthes aspera* L. in the Traditional Livestock Care of Migratory Gaddi Shepherds” at the International Conference organized by Govt College Pangi in collaboration with Himalayan Council for Scientific Research (HCSR).




**Ms. Ritika Jindal**  
Chief Patron  
RC Pangi



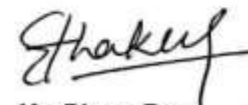
**Sh. Raman Gharsanghi**  
Patron  
SDM Pangi



**Dr. Promila Devi**  
Convener  
Officiating Principal  
GC Pangi



**Dr. Bipan C Rathore**  
Patron of HCSR  
Former Principal  
GC Pangi



**Mr. Biyaso Ram**  
Conference Secretary  
AP Economics, GC Pangi





School of Basic & Applied Science and Engineering & Technology

Organizing

Two Days National Conference

on

Innovative Trends in Science and Engineering

(20-21 May, 2024)

**CERTIFICATE**

OF PARTICIPATION

This certified that Dr/Mr/Ms Nareesh Kumar, Department of Physics,  
of Govt. College Bharsani (Taskwas), Hamirpur (H.P.) has made Oral  
/Poster Presentation on Investigation of Physical Properties of ss doped NdMgO<sub>2</sub> in  
Two Days National Conference on Innovative Trends in Science and Engineering organized by School of Basic  
& Applied Science and Engineering & Technology in collaboration with Institution's Innovation Council (IIC) &  
Centre For Nano-Science & Technology, Career Point University, Hamirpur on 20-21 May, 2024.

  
Convenor  
ITSE-2024

  
Vice Chancellor  
CPUH





Maratha Vidya Prasarak Samaj's  
K.R.T. Arts, B.H. Commerce and A.M. Science (KTHM) College, Nashik, Maharashtra, India  
Department of Environmental Science and Internal Quality Assurance Cell (IQAC)

In Collaboration With

Universitas Mahasaraswati Denpasar, Bali, Indonesia  
Rural and Regional Planning Study Program, Postgraduate Program,  
International Youth Society, Nepal

&

Omar Al-Mukhtar University, Bayda, Libya



## World Multidisciplinary Conference on Recent Trends in Environmental Science and Management



WMCRTESM202429

This is to certify that **Mr./Miss./Prof./Dr. Naresh Kumar** of Govt. College Bhoranj (Tarkwari) Dist. Hamirpur (H.P.) has participated and presented paper on "**Plastic Waste Management In India: Challenges And Opportunities**" in the "**World Multidisciplinary Conference on Recent Trends in Environmental Science and Management (WMCRTESM)**" organized by Department of Environmental Science & Internal Quality Assurance Cell (IQAC), K.R.T. Arts, B.H. Commerce, A.M. Science (KTHM) College, Nashik, Maharashtra, India in collaboration with Rural and Regional Planning Study Program, Postgraduate Program, Universitas Mahasaraswati Denpasar, Bali, Indonesia, International Youth Society, Nepal & Omar Al-Mukhtar University, Bayda, Libya held during 28th & 29th February 2024.

  
K. D. Ahire

Convener, WMCRTESM, 2024

  
Dr. I Made Wahyu Wijaya

Convener, WMCRTESM, 2024

  
Dr. P. M. Nalawade

Head, Dept. of Environmental Science,  
KTHM College, Nashik

  
Dr. N. D. Gaikwad

Coordinator, IQAC,  
KTHM College, Nashik

  
Prof. (Dr.) Idress Attitalla

Omar Al-Mukhtar University,  
Al-Bayda, Libya

  
Dr. Piya Ratna Maharjan

Global President, International Youth Society, Nepal

  
Prof. (Dr.) R. D. Darekar

Principal, KTHM College, Nashik

Certificate of Appreciation







Sr.No.IC-2023/...92(A)



Certificate No. ...1426(A)



## International Conference

on

Resilient Futures : Adapting to Climate Variabilities in Agriculture, Economy, and Environment

Dec. 29, 2023

Organized by

S.C.V.B. Govt. College Palampur (H.P.)

### Certificate

This certificate is awarded to Prof./Dr./Mr./Ms. Naresh Kumar  
University/College/Institution Govt. College Bhokanj, Distt Hamirpur  
for/delivering a Keynote Address/Invited Talk/Chairing a Session/Paper Presentation/Poster Presentation/Participation in  
International Conference on the topic Climate literacy for developing sustainable  
global citizenship

This International Conference was conducted in hybrid mode.

Convener

Organizing Secretary

Principal



## National Conference

On

BIODIVERSITY LOSS AND CLIMATE CHANGE:  
TWO FACES OF THE SAME COIN

3<sup>rd</sup> December, 2023

Organized by

Department of Bio-Sciences

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

### Certificate of Participation

This is to certify that Dr./Mr./Ms. Naresh Kumar Professor/Associate Professor/Assistant Professor / Research Scholar/UG/PG  
Student Department of Physics, Govt. College Bhokanj (Tarkwari) District Hamirpur, H.P. Participated in the National Conference  
held on 3<sup>rd</sup> December, 2023. He/She has presented a research paper/article entitled Environmental Pollution And Health Issues In  
India.

Organising Secretary

Convener

Patron (Principal)



**International Conference on  
Recent Trends in Science & Technology  
For Environment Conservation & Sustainable Development**

**September 29-30, 2023**

Organized By

**Department of Botany and Zoology**

**Sidharth Govt. Utkrisht College Nadaun, Himachal Pradesh, INDIA**

In collaboration with

**The Indian Science Congress Association (ISCA), Shimla Chapter**



**Certificate**

This is to certify that Prof./Dr./Mr./Ms. Navesh Kumar Designation A.P.  
Dept. of Physics, Govt. College Bhorany (Tarkundi) has participated as a Keynote Speaker/Resource  
Person/Invited Speaker/ Presented Paper/Poster entitled Modern Lifestyles  
and Public Health Issues in the international conference on  
*Recent Trends in Science and Technology for Environment Conservation and Sustainable Development* organized by Deptt.  
of Botany & Zoology, Sidharth Govt. Utkrisht College Nadaun, Himachal Pradesh, India on Sep 29-30, 2023.

He/She has been awarded with *Best Oral Presentation/Poster Presentation*.

  
**Dr. Sunita Saklani**  
Organizing Secretary

  
**Prof. Bhagwati P Sharma**  
Convener

  
**Dr. Anil Kumar Gautam**  
Principal-Cum-Patron



# HIMACHAL PRADESH UNIVERSITY

(NAAC ACCREDITED 'A' GRADE UNIVERSITY)

UNIVERSITY REGIONAL CENTRE DHARAMSHALA

## International Hybrid Conference

on

History and Culture of Himalayan Tribes: Status and Cont

October 27-28, 2023

In collaboration with

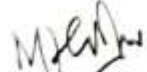


### Certificate

is is to certify that Prof/ Dr./ Mr./Ms. Nishant Designation Asst. P  
niversity/College/Institution Govt. College Bhawan, D. Hamirpur.  
articipated/Presented Paper/Chaired/Co-chaired a session/speaker Presented Paper en  
tribal woman in Himachal are prohibited from inheriting property  
old traditional norm. Name of the session

International Hybrid Conference organised by Department of History, HPU Regional Centre, Dharamshala, District Kangra, Himachal Pradesh

  
rganising Secretary  
ajender Kumar  
PU RC Dharamshala

  
Convenor  
Dr. Mohinder Slariya  
Scientific Steering Committee

  
Conference Convenor  
Dr. Raj Kumar  
HPU RC Dharamshala

Self Attested  






Sr. No. INWO-54/2024



Certificate No. 2024/GCP-2010



## International Hybrid Workshop

organized by

S. C. V. B. G. C. Palampur (H. P.), India in Collaboration with Mindanao State University-Sulu, Jolo, Philippines

March (19-25), 2024

This is to certify that Dr./Mr./Ms. **Nishant** Assoc.Prof./Asst.Prof. from University/College/Institution **Government College Bhoranj, Tarkwari** has participated in a seven day International hybrid workshop on the topic **"Role of Communication Skills in Career Development"**.

Chancellor II  
(Mindanao State Univ.)

Convener  
(Mindanao State Univ.)

Convener  
(S.C.V.B.G.C. Palampur)

Principal  
(S.C.V.B.G.C. Palampur)





**International Conference on  
Recent Trends in Science & Technology  
For Environment Conservation & Sustainable Development**

**September 29-30, 2023**

Organized By

**Department of Botany and Zoology**

**Sidharth Govt. Utkrisht College Nadaun, Himachal Pradesh, INDIA**

In collaboration with

**The Indian Science Congress Association (ISCA), Shimla Chapter**



**Certificate**

This is to certify that Prof./Dr./Mr./Ms. Mukesh Kumar Designation Assoc. Prof.  
Dept. of Physics, Govt. College Bhoranj has participated as a **Keynote Speaker/Resource**  
**Person/Invited Speaker/ Presented Paper/Poster** entitled.....

.....in the international conference on  
**Recent Trends in Science and Technology for Environment Conservation and Sustainable Development** organized by **Deptt.**  
**of Botany & Zoology, Sidharth Govt. Utkrisht College Nadaun, Himachal Pradesh India** on Sep 29-30, 2023.

He/She has **Chaired/Co-Chaired** the Technical Session.

  
**Dr. Sunita Saklani**  
Organizing Secretary

  
**Prof. Bhagwati P Sharma**  
Convener

  
**Dr. Anil Kumar Gautam**  
Principal-Cum-Patron



**International Conference on  
Recent Trends in Science & Technology  
For Environment Conservation & Sustainable Development**

**September 29-30, 2023**

**Organized By**

**Department of Botany and Zoology**

**Sidharth Govt. Utkrisht College Nadaun, Himachal Pradesh, INDIA**

**In collaboration with**

**The Indian Science Congress Association (ISCA), Shimla Chapter**



**Certificate**

This is to certify that Prof./Dr./Mr./Ms ..... Mukesh Kumar ..... Designation Assoc. Prof.,  
..... Govt. College Bhoranj, Hamirpur H.P. ..... has participated as a **Keynote Speaker/Resource**  
**Person/Invited Speaker/ Presented Paper/Poster** entitled Recent Developments in Chemistry and  
various Environmental Challenges: A Review ..... in the international conference on  
**Recent Trends in Science and Technology for Environment Conservation and Sustainable Development** organized by **Deptt.**  
**of Botany & Zoology, Sidharth Govt. Utkrisht College Nadaun, Himachal Pradesh, India** on Sep 29-30, 2023.

He/She has been awarded with **Best Oral Presentation/Poster Presentation.**

Sunita  
**Dr. Sunita Saklani**  
Organizing Secretary

B.P.S.  
**Prof. Bhagwati P Sharma**  
Convener

A  
**Dr. Anil Kumar Gautam**  
Principal-Cum-Patron

# Numbers of Paper Published in UGC Care list and Non-UGC Care list Journals

हिताहितं सुखं दुःखमायुस्तस्य हिताहितम् ।

मानं च तन्त्रं यत्रोक्तम् आयुर्वेदः स उच्यते<sup>1</sup> ।।

हित और अहित आयु, सुख और दुःख आयु, आयु के लिए क्या हितकर है और क्या अहितकर है, इसकी पहचान जहाँ बतलाई गई है, उसे आयुर्वेद कहते हैं। आयुर्वेद शब्द आयु और वेद शब्दों के संयोग से बनता है। आयु अर्थात् पुरुषायुष्य "वेद" अर्थात् विज्ञान। अतः आयुर्वेद एक जीवन पद्धति है। इसका उद्देश्य भी केवल रोगों के रोग निवारण ही नहीं अपितु स्वस्थ का स्वास्थ्यरक्षण भी है। वर्ग परावण महर्षिओं ने धर्मार्थ ही आयुर्वेद को प्रकाशित किया अर्थ और काम के लिए नहीं ऐसा वैद्य का कर्तव्य चरक द्वारा चरक संहिता में कथित है। यद्यपि वैदिक वाङ्मय में आयुर्वेद के आठ अंगों का यत्र-तत्र वर्णन प्राप्त होता है, परन्तु आठ अंगों का कहीं पर स्पष्ट उल्लेख नहीं मिलता है। चरक, सुश्रुत और अष्टांगहृदय में इन आठ अंगों का कुछ नान भेद से उल्लेख प्राप्त होता है। यद्यपि दन्तविद्या आयुर्वेद की विशेष शाखा नहीं है। यह शाखा तन्त्र में समाविष्ट है। दन्तविज्ञान में रोगों का निदान, रोकथाम तथा उपचार इत्यादि वर्णित है। आचार्य चरक और सुश्रुत ने दन्तविज्ञान का विस्तृत वर्णन नहीं किया है परन्तु वाग्भट्ट ने दन्तविद्या तथा दन्त विषयक समस्याओं, दन्तविकार और उपचार का विस्तार पूर्वक वर्णन किया है। आचार्य माधव ने निदान ग्रंथ माधव निदान की रचना कर उसमें मुखरोगों के अंतर्गत दंतगत मुख रोगों का वर्णन किया है। माधवकर ने अन्वाचार्यों की भांति गण्ड को छोड़कर ओष्ठ, दंत, दंतमूल, जिह्वा, तालु, कंठगत और सर्वस-इन समस्त का रोगविषयक विवेचन प्राप्त होता है। प्रस्तुत शोध-पत्र में केवल माधवकर द्वारा वर्णित दन्तगत मुखरोगों में - दालन, क्रिमिदन्तक मञ्जनक, दन्तहर्ष दन्तशर्करा, कपालिका, दन्तविद्रधि तथा श्यावदन्तक -इन अष्टविध रोगों का वर्णन किया जा रहा है। माधवनिदान में तो किसी भी रोग के चिकित्सा-विषयक वर्णनों का अभाव है किन्तु प्रस्तुत शोध-पत्र के वर्णन विषय की पूर्णता - हेतु सुश्रुत और वाग्भट्ट द्वारा माधवकरप्रोक्त पूर्वलिखित रोगों के चिकित्सा-विषयक वर्णन भी किए जा रहे हैं।

**मुख्य शब्द :** निदान, आयुर्वेद, स्वास्थ्य रक्षण, रोग निवारण, दन्तविद्या, दन्तगत रोग, उपचार, दन्तविकार, रोकथाम, दन्त चिकित्सा।

**माधवनिदान की उपयोगिता :** माधवनिदान माधवकर रचित निदान ग्रन्थ है। यह प्रसिद्ध और प्रचलित रोगों के निदानप्रभृति का संग्रह है जो 69 अध्यायों में विभाजित तथा इसके पूर्वार्द्ध तथा उत्तरार्द्ध में दो भाग हैं। इसमें कुल 85 रोगों का वर्णन प्राप्त होता है। इसी के आधार पर रूग्निनिर्णयटीका, वैद्यमनोरमा, रायशर्माटीका, रामनाथवैद्यकृत-टीका इत्यादि टीकाओं का प्रणयन हुआ है। यह एक व्यावहारिक ग्रन्थ है।<sup>2</sup>

**दन्तगत मुखरोग - संख्या :** कपालिकादि दन्तगत मुखरोगों का विवेचन किया जा रहा है। आचार्य सुश्रुत के मत में दन्तगत मुखरोग अष्टसंख्यक है, यथा - कपालिका, क्रिमिदन्तक, दन्तशर्करा, हनुमोक्ष, दन्तहर्ष, दालन, मञ्जनक और श्यावदन्तक<sup>3</sup>। माधवकर के अनुसार भी इनकी संख्या आठ<sup>4</sup> है। वाग्भट्ट के मतानुसार इनकी संख्या दस है<sup>5</sup>।

**दन्तगत मुखरोग-कारण और लक्षण :** माधवकर प्रोक्त कपालिकादि अष्टसंख्यक दन्तरोगों का कारण और लक्षणों सहित विशद निरूपण किया जा रहा है।

**कपालिका :** माधवकर के अनुसार कपालवत् कठोर तथा मलसहित दन्तावयवों के विदीर्ण होने पर निःसृत होने वाली शर्करा जो कि सर्वदा दन्तविनाशिनी होती है, वही कपालिकासंज्ञकी<sup>6</sup> व्याधि है।<sup>7</sup> सुश्रुत का कथन है कि जब शर्करासहित दन्तवल्कल विदीर्ण होने लगते हैं, तब वही दशननाशिनी व्याधि कपालिका नाम प्राप्त करती है। वाग्भट्ट ने लिखा है कि उपेक्षित शर्करा जब दन्तकपालों का अणुओं (दुकड़ों) में नाश करती है, तब वही कपालिका कहलाती है। विमर्शटीकाकार के अनुसार दशनों पर चढ़ा हुआ अत्यधिक कठिन आवरण दन्तकवच (Enamel) कहलाता है जोकि कठोर से कठोर पदार्थों का वर्णन करने में सहायक होता है। दन्तशर्करा के जमने

\* Assistant Professor of Sanskrit



मानव के सुखमय जीवन में बाधा उत्पन्न करने वाले कारकों में रोग प्रमुख हैं, अतः मनीषियों एवं विद्वानों ने इनके समाधान हेतु निदानकारक एवं चिकित्सा ग्रन्थों का प्रणयन किया। अनादि काल से प्रसिद्ध एवं प्रचलित आयुर्वेद समूचे विश्व की प्राचीनतम चिकित्सा-पद्धति एवं भारत की अमूल्य सांस्कृतिक धरोहर है। आधुनिक चिकित्सा-पद्धति भी आयुर्वेद पर ही आधारित है, यथा रोगों को जांचना (Diagnose) आधुनिक यान्त्रिकयुगीन चिकित्सा का प्रथम कदम होता है, प्राचीन काल में भी अनेक ऋषि-मुनि तथा आयुर्वेदाचार्य निदान ग्रन्थों का प्रणयन कर रोगज्ञान कराने का अप्रतिम प्रयास करते रहे हैं। ऐसे मनीषियों में अग्निवेश, धन्वन्तरि, चरक, सुश्रुत आदि अग्रगण्य हैं। तत्पश्चात् वाग्भट, माधवकर शार्ङ्गधरादि आचार्यों के अथक प्रयासों से जो व्याधि एवं निदानज्ञान समूचे विश्व को प्रदान किया गया, वह अद्वितीय है। आधुनिक समय में मनुष्य विभिन्न प्रकार की व्याधियों से ग्रस्त है। भारतीय आयुर्वेद इन व्याधियों के निदान में पूर्णतः समर्थ है। माधवकर ने माधवनिदान में विभिन्न व्याधियों के निदान अर्थात् लक्षण और कारणों का वर्णन किया है। प्रस्तुत शोध-पत्र में माधवनिदान में वर्णित नासिका रोगों का ही उल्लेख किया जा रहा है।

**मुख्य शब्द :** निदान, चिकित्सा पद्धति, धरोहर, यान्त्रिकयुगीन, व्याधि, नासिका रोग, आयुर्वेद।

**माधवनिदान :** माधवनिदान माधवकर द्वारा प्रणीत निदान ग्रन्थ है। माधवकर विरचित माधवनिदान (रोग विनिश्चय) प्रसिद्ध और प्रचलित रोगों के निदानप्रभृति का संग्रह है जिसका विभाजन 69 अध्यायों में किया गया है। वैद्य बनवारीलाल गौड़ का मत है कि यद्यपि एक अध्याय में एक ही रोग विभिन्न प्रकारों सहित वर्णित है तथापि यत्र-तत्र किसी न किसी रूप में एक तुल्य विविध रोगों का भी समावेश एक ही अध्याय के अन्तर्गत प्राप्त होता है। आधुनिक काल में इसके पूर्वार्द्ध तथा उत्तरार्द्ध दो भाग उपलब्ध हैं। पूर्वार्द्ध निदानपञ्चक से लेकर 32वें अश्वरी निदान अध्याय पर्यन्त है जबकि उत्तरार्द्ध प्रमेह-चिकित्सा से लेकर 69वें विषरोगनिदान अध्याय तक। मूल ग्रन्थ में एवं विध विभाग दृष्टिगोचर नहीं होता है। इसमें वर्णित कुल रोगों की संख्या 85 है।

मधुकोष विजयरक्षित और श्रीकण्ठदत्त द्वारा माधवनिदान पर प्रणीत मधुकोषनामक व्याख्या सर्वोत्तम स्वीकृत की जाती है जोकि अत्यन्त लोकप्रिय भी है। विजयरक्षित ने अश्वरीप्रकरणपर्यन्त तथा तत्पश्चात् उनके शिष्य श्रीकण्ठदत्त ने इस व्याख्या की रचना की है।<sup>१</sup> आंतकदर्पण का प्रणयन मधुकोष-व्याख्या के आधार पर किया गया है।<sup>२</sup> सिद्धान्तचिन्तामणि, सुबोधिनी, माधवनिदान टिप्पणी, रूग्णविनिर्णयटीका, रामनाथ वैद्यकृत-टीका, वैद्यमनोरमा, रायशर्मा टीका, गणेशमिषकृत टीका, रूग्ण निश्चयपरिशिष्ट — टीकाओं का प्रणयन भी माधवनिदान के आधार पर ही हुआ है।<sup>३</sup>

**माधवनिदान की उपयोगिता :** डॉ. प्रियव्रत शर्मा ने लिखा है कि माधवकर ने केवल पुरातन तथ्यों का ही संग्रह न करके उनका विशद विवेचन भी किया है। संहिताओं में जिन अनेकविध विकारों का अतिसूक्ष्म निर्देशमात्र प्राप्त होता था, आचार्य माधवकर द्वारा उनका स्वतन्त्ररूपेण विस्तारपूर्वक वर्णन किया गया है जबकि अन्यत्र अतिविरस्त विषय संक्षिप्तरूपेण निरूपित है। इस प्रयास का उद्देश्य रोगविनिश्चयार्थ चिकित्सकों के लिए एक व्यावहारिक ग्रन्थ तैयार करना था।

**नासिका रोग :** माधवकर ने अपीनस से प्रतिश्याय तक पञ्चदश तथा शेष षोडश रोगों के वर्णनसहित कुल 31 प्रकार के नासिका रोगों का निरूपण किया है। उन सब के कारण, लक्षण और चिकित्साविषयक वर्णन भी किया है। माधवकर ने निज पूर्ववर्ती आचार्य सुश्रुत का अनुसरण किया है। उनके द्वारा भी 31 नासारोगों के लक्षण कथित हैं।

**नासिका संरचना :** गन्ध ग्राहक इन्द्रिय की घ्राण और उसके अधिष्ठान स्थूलाङ्ग की संज्ञा नासिका है। नासिका दो भागों में विभक्त होती है — बाह्य और आन्तर्य। माधवकर के विमर्शटीकाकार के अनुसार

\*Assistant Professor of Sanskrit

नासिका  
स्थिति  
अस्थिमा  
अनेक  
इन मृद  
अथवा  
शुक्तिव  
संज्ञा  
स्वयमे  
अर्शसा  
नासा  
में घ्राण  
नासिका  
ग्रंशयु  
वस्तुवि  
और  
34 है  
की दि  
अनुस  
चरक  
टपीन  
पूतिन  
नासा  
शोषि  
पूयश  
क्षय  
ग्रंश  
दीप्त  
प्रती  
नास  
पस्ति  
नास  
नास  
नास  
नास  
प्रति  
नास



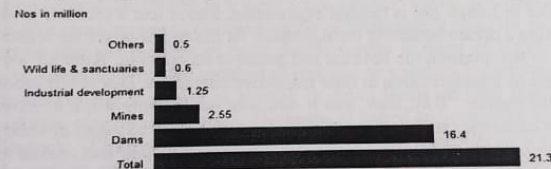
## Environmental Issues and Rights of Downtrodden in India

Rajeev Kumar\* & Dr. Asha Devi\*\*

**Abstract :** This paper tries to examine the dynamic of social life of displaced people in different development projects. Most of the project site people forcefully displaced and the lost their land and livelihood. People who are uprooted and rehabilitated in other place have to undergo the entire process of resocialisation and adjustment in an unfamiliar environment. It implies a destruction of traditional source of livelihood, folk wisdom and folk culture to deal with day-to-day problems of individual. Displacement may be either physical or economic. Physical displacement is the actual physical relocation of people resulting in a loss of shelter, productive assets or access to productive assets (such as land, water, and forest). Economic displacement results from an action that interrupts or eliminates access to productive assets without physically relocating the people themselves.

**Introduction :** The topic is in relation to some reforms movements in India where rural people as well as tribes were oppressed. The status of the nature has declined on the name of development. Earlier people balanced themselves in the lap of nature. They were happy to live according to nature. But later they lost their homes, their agricultural land and lost everything. Their lives have become darkened and they have to face a lot of problems. At last people opted the way of struggle and fought for their rights and have won. The topic is in relation to some movements mentioned above. *The Parliamentary Standing Committee on the Welfare of Scheduled Castes and Scheduled Tribes in a report submitted to the Lok Sabha on 23 October 2008 observed, "Notwithstanding Act and regulations to control alienation of tribal land, tribal people are being alienated from their land in the name of development and due to insufficient amount given to them for their land, they migrate to other places in search of livelihood."*

### People Displaced By Development Projects



Created with Datawrapper

Source: Lok Sabha Get the data

**Tihri Dam :** The Tehri Dam is constructed over the Bhagirathi River, the main tributary of the Ganges in the hills of Uttarakhand, India. Tehri Dam is the biggest dam in Asia.

In 1990, the Indian government and Tehri Hydro Power Corporation began planning to dam the Bhagirathi River at the Himalayan foothill town of Tehri in Uttar Pradesh. Plans indicated that it would be the fourth largest dam in the world. Damming the river at this particular location would lead to flooding of the town and the displacement of up to ten thousand of its residents. Scientists also protested the construction of the dam because of its proximity to the central Himalayan Seismic Gap. According to leading scientists, an earthquake from the gap could easily destroy the dam and kill up to 500,000 people. Furthermore, the Bhagirathi is sacred in Himalayan culture, therefore damming the river would be an affront to this sacredness. In 1990, village campaigners organized as Tehri Bandh Virodhi Sangharsh Samiti filed an official petition to India's Environmental Appraisal Committee, which went to India's Supreme Court. Attorney Shri P.S. Poti appeared in court to argue that the dam's catastrophic potential was far too great, and its potential hydro-power too relatively small to justify construction. The case continued for the next ten years.

\*Assistant Professor of Geography, Gov. College Sujampur

\*\*Assistant Professor of Sanskrit, Govt. College Bhoranj

## 9. DALIT RAGE IN JOOTHAN<sup>(p.46-50)</sup>



**Nishant Bagga\*<sup>1</sup>**

\*Assistant Professor in English, Govt. Degree College Bhoranj, Hamirpur, (H.P)-INDIA.

\*Assistant Professor in English, Govt. Degree College Barsar, Hamirpur, (H.P)-INDIA.

<sup>1</sup>Corresponding Author: Nishant Bagga

Email: [nishantn9@gmail.com](mailto:nishantn9@gmail.com)



**Mandeep Kumar\*\***

The fable of the Seven Blind Men of Hindustan is too well-known to escape recall. A relic of the past, one must reject such lop-sided portrayals of entire communities or nations as an anathema to the spirit of the new millennium. The Hindus have, of course, moved on from being the butts of ridicule of a past era; they have, instead, emerged as the leading providers of high software and other technical skills to the 'skill-hungry' nations of the world. The 'blind men' of the bygone times are now aiming to re-launch themselves as the most far-sighted of all. The Hindus do seem to have left behind the baggage of the past. All seems to be well and fine with Hindu-dom. Or does it?

The almost century-old observation of Dr. Ketkar, a noted authority on caste, is strikingly contemporary:

A scientific investigator who is not a Hindu would look at this Hindu society without any feeling, as a medical man would examine a dead body. But a Hindu cannot be so unmoved. The more he thinks on the caste system, the better he understands his own burden. As one looking at a cancer would like to turn away his eyes, so a Hindu would like to discontinue his thoughts.

Dr. Ketkar goes on to warn against entertaining such dislike even for a moment. The present generation will be well-off heeding to the worthy doctor's advice. It is, indeed, of essence to accept that the forces of caste are neither dead nor even comatose. Caste is alive and well and truly kicking!

Dalits in India are on the move today. They are surging forward to end centuries of exploitation and oppression meted out to them.

The passage from exploitation to realization has not been smooth. To emerge out of the depression and dispossession, Dalit Youth face innumerable road-blocks and bottle-necks, very often throttling and suffocating their efforts. Yet the struggle is on.

Om Prakash Valmiki's *Joothan* is an autobiographical account of his birth, upbringing and life-long struggle as an untouchable, or Dalit, in the newly independent India of the 1950s. The Hindi original *Joothan* (1997) as also the present worthy translation by Arun Prabha Mukherjee record one of the first portrayals of Dalit life in north India from an insider's perspective.

Valmiki's primary theme is one of caste, a powerful force that divides society into the 'twice-borns' (*swarnas*) and the 'twice-alienated' (*Dalits*). Caste, as enjoined by birth and lineage,

Self Attested  
[Signature]



## काव्य की आत्मा

Vinay Kumar

Asst. Professor Hindi

Govt College Bhoranj (Tarkwari) Hamirpur, Himachal Pradesh

काव्य, कविता या पद्य, साहित्य की वह विधा है जिसमें किसी कहानी या मनोभाव को कलात्मक रूप से किसी भाषा के द्वारा अभिव्यक्त किया जाता है। श्रोता के हृदय में कवि का मनोभाव तभी आनंद उत्पन्न करता है जब कवि की भाषा कलात्मक हो। भाषा की कलात्मकता श्रोता के हृदय में आनंद उत्पन्न कर सके। इसी आनंद पर कविता की श्रेष्ठता निर्भर करती है। व्यक्ति वही सुनता है जो वह सुनना चाहता है। व्यक्ति का ध्यान वही वस्तु आकर्षित करती है, जो उसके काम की हो। वस्तु चाहे कितनी भी मूल्यवान हो, अगर व्यक्ति के काम की नहीं, तो वह उसे अनदेखा कर देता है। वाणिज्य की दुनिया में कहा जाता है कि जो दिखता है वह बिकता है। व्यापारी अपने माल को लोगों की नजर में लाना चाहता है। जब माल लोगों की नजर में आएगा तभी तो वे उसे पसंद या नापसंद करेंगे। श्रोता द्वारा कवि के मनोभावों या कविता में छुपी रमणीयता को तभी ग्रहण किया जाता है जब जब अभिव्यक्ति या शब्दों में चमत्कार हो। शब्दों के चमत्कार से ही मनोभाव श्रोता के हृदय को भाते हैं। काव्य की आत्मा क्या है? इस विषय पर ईसा पूर्व से ही भारतीय आचार्य चिंतन करते आ रहे हैं। आचार्य भरतमुनि के अनुसार रस, आचार्य भामह के अनुसार अलंकार, आचार्य वामन के अनुसार रीति, आचार्य कुंतक के अनुसार वक्रोक्ति, आचार्य आनंदवर्धन के अनुसार ध्वनि और आचार्य क्षेमेंद्र के अनुसार औचित्य काव्य की आत्मा है। निःसंदेह ये सभी काव्य के आवश्यक तत्व हैं। काव्य में इन सभी तत्वों की उपस्थिति वांछनीय है। लेकिन इनमें से कुछ तत्वों के न होने पर भी काव्य होता है। जिन तत्वों के न होने पर भी काव्य होता है, उन्हें हम काव्य की आत्मा नहीं मान सकते। काव्य की आत्मा हम उस तत्व को मान सकते हैं, जिसके न होने पर पद्य, गद्य बन कर रह जाए। काव्य के उस अनिवार्य तत्व की कविता में अनिवार्यता को तथ्यों के आधार पर परखा जा सकता है। इस तत्व के बिना क्या कविता की पंक्ति श्रोता के हृदय में आनंद नहीं उत्पन्न कर सकती? अगर वह तत्व कविता में है, तो कैसे श्रोता के हृदय में आनंद उत्पन्न करता है? क्या इस तत्व को काव्य की आत्मा कहा जा सकता है? काव्य के विषय में चाहे कोई सिद्धांत निश्चित न हो, परंतु उसकी रागात्मकता असंदिग्ध है। कविता मानव मन का शेष सृष्टि के साथ रागात्मक संबंध स्थापित करती है। कविता में विद्यमान



ISSN: 2582-6220



Certificate of Publication

**International Journal of Research  
in Social Science and Humanities (IJRSS)**

**Cross Ref DOI: 10.47505/IJRSS**

This is to certify that

**Sunita Kumari et al.,**

Affiliation : Government College Bhoranj (Tarkwari), Hamirpur , India

Has Published a Paper entitled

Prospects of Hydropower in Himachal Pradesh (India):  
A Case Study of Shanan Power Project

in International Journal of Research in Social Science and Humanities (IJRSS)

Volume: 5

Issue: 5

Month: May - 2024

<https://doi.org/10.47505/IJRSS.2024.5.6>



*Sunita*  
Head Of Publishing





P-ISSN: 2394-1685  
E-ISSN: 2394-1693  
Impact Factor (RJIF): 5.38  
IJPESH 2024; 11(5): 112-114  
© 2024 IJPESH  
<https://www.kheljournal.com>  
Received: 12-07-2024  
Accepted: 19-08-2024

**Dr. Virender Kumar**  
Assistant Professor, Government  
college Bhoranj, Hamirpur,  
Himachal Pradesh, India

## Comparative study of selected kinanthropometric variables of government senior secondary school sports boys and public senior secondary school sports boys of Himachal Pradesh

**Dr. Virender Kumar**

### Abstract

A study has been conducted on selected kinanthropometric variables of Government Senior secondary schools sports boys and public senior secondary school sports boys at state level championship in different games of Himachal Pradesh. The purpose of the study was comparison between male government senior secondary school sports boys and male public senior secondary school sports boys with selected kinanthropometric variables. Sample consisted of randomly selected total 200 sports boys of Himachal Pradesh. T-test statistical techniques were used by the investigator.

**Keywords:** Kinanthropometric, sports, variables, measurement

### Introduction

Kinanthropometry is newly emerging scientific specialization. It is the scientific study of human size, shape, proportion, composition, maturation and gross function in order to understand human growth, exercise, performance and nutrition with implication for medicine, education and government with respect to individual rights in the service of humankind. In other words, kinanthropometry is the application of measurements of human size, shape, proportion, composition, maturation and gross function. It has the purpose of helping us to understand human movement in the context of growth, exercise, performance and nutrition enabling its objectives being achieved through applications in medicine, education and government.

Kinanthropometry provides quantitative interface between human structure and function. That's why the application of kinanthropometric knowledge is getting tremendous importance and popularity to identify the potential talents in sports for particular event. India is a country of population with enormous variations. There is an ample scope for kinanthropometric study in India. Nowadays, kinanthropometry is widely used for sports talent identification, human growth study medical examinations, performance enhancement in sports etc. In the present study an attempt has been made to evaluate twelve kinanthropometric variables in inter university female gymnasts and rope mallakhamb players.

समसामयिक वैश्विक परिदृश्य में  
इतिहास और सामाजिक विज्ञान  
(History and Social Science in the  
Contemporary Global Scenario)

**Editor:**

**Dr. Prerna Singh Lavania**

*Assistant Professor*

*Department of Political Science*

*Kanoria PG Mahila Mahavidyalaya, Jaipur (Raj.)*

2023



Siddhi Vinayak Publications

प्रकाशक



सिद्धि विनायक पब्लिकेशन्स

कुलचन्द्र, हनुमानगढ़ (राजस्थान) 335526

94611-09470, 83063-09470

publicationssiddhivinayak@gmail.com

ISBN : 978-81-965118-4-5

© सिद्धि विनायक पब्लिकेशन्स

प्रथम संस्करण (2023)

मूल्य : ₹ 1150.00

शब्द संयोजक एवं डिजाइन : कमल जीत सिंह (तकनीकी सहायक)

मुद्रक : जैन ऑफसेट प्रिण्टर्स, संगरिया

वैधानिक चेतावनी

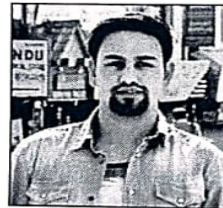
- शोध आलेख/चैतन्य/अध्याय में दिए गए विचार लेखकों/शोधकर्ताओं के अपने विचार हैं। इसके लिए प्रकाशक/संपादक जिम्मेदार नहीं है। किसी भी प्रकार के विवाद के लिए न्याय क्षेत्र हनुमानगढ़, राजस्थान होगा।
- इस पुस्तक का प्रकाशक की लिखित अनुमति के बिना पुनः प्रकाशन/फोटो कॉपी/स्कैन इत्यादि माध्यमों से पुनर्मुद्रण करना कॉपीराइट अधिनियम के अनुसार दंडनीय अपराध है।

3

**Developing and Developed Economies:  
An Overview**



**Dr. Sandeep Kumar**  
Assistant Professor  
Department of Geography  
Govt. College Bhoranj,  
District Hamirpur, H.P.



**Mr. Ashish Negi**  
Assistant Professor  
Department of Public Administration  
Govt. College Bhoranj  
District Hamirpur, H.P.

**ABSTRACT**

Understanding the dynamics between developed and developing economies is essential in unraveling the intricate tapestry of the global economic landscape. This research paper presents an examination of the distinguishing characteristics, socio-economic disparities and key factors that differentiate developed and developing economies. It encompasses a comprehensive overview of the multifaceted aspects that contribute to the varying stages of economic, social and technological advancement across these two categories of economies. The study delves

**Reserved with the Authors**

- With every effort has been made to avoid any mistake omission, the author and the publishers do not own responsibility for any damage/syllabus. The Publishers will be obliged if corrections in further editions are brought out by you and type. In case of any dispute all legal matters to be settled under AMB Jurisdiction only.
- This book is meant for educational and learning purposes. The author(s) of the book has/have taken all reasonable care to ensure that the content of the book do not violate any existing copyright or other intellectual property rights for any person in any manner whatsoever. In the event the author(s) has/have been unable to track any source and if any copyright has been inadvertently infringed, please notify the publisher in writing for corrective action.

ISBN : 978-81-930985-1-6

NEW EDITION

*Self Attested*  
*sh*

Price : Rs. 400-00

Typesetting by  
**Shiva Graphic**  
Jalandhar

Printed by :  
**Yojna Press**  
Jalandhar



POST GRADUATE TEACHERS

# ENGLISH

## Paper I & II

**With  
Previous Year's Question Solved  
Fully Syllabus Covered  
For 100% Success**

- Usha Bande
- Nishant Bagga

STUDENT  
SP

**STUDENT PUBLICATIONS**  
Shimla - Gagraet

Self attested

# 10

## Remote Sensing and Its Applications in the Conservation of Biodiversity

Naresh Kumar

### Abstract

*Remote sensing is the most widely used technology for receiving the detailed information about an object which is out of sight and very far away from us. The location of the object is sometimes such that it's difficult to reach physically; the remote sensing is always there to help us in studying the properties of that particular object/area. Initially the remote sensing applications were limited to geography and physical sciences but recently it has expanded to almost every field whether it is agriculture, biosciences, forestry, hydrology, biodiversity conservation etc. In this chapter an attempt has been made to understand the basics of remote sensing, how it works and various applications in general along with its applications in biodiversity conservation specifically.*

**Keywords:** Remote sensing, Sensors, Biodiversity conservation, Ecology

### INTRODUCTION

Remote sensing is a revolutionary tool that has many applications in a variety of areas of high significance to the entire world (Lillesand et al., 2015; Bhatta 2011; Kumar et al., 2021). It is a process of obtaining data or details about a thing by observing it without coming in close proximity to the said object. One can acquire the complete knowledge about a particular object or area without actually visiting there. Remote sensing measures the electromagnetic (em) radiation leaving an object or area from a distance using advanced sensors. The data captured by the sensors is extracted which gives valuable information using statistical based algorithms. Energy must be used in remote sensing systems. We are actively using remote sensing when we see a computer or television



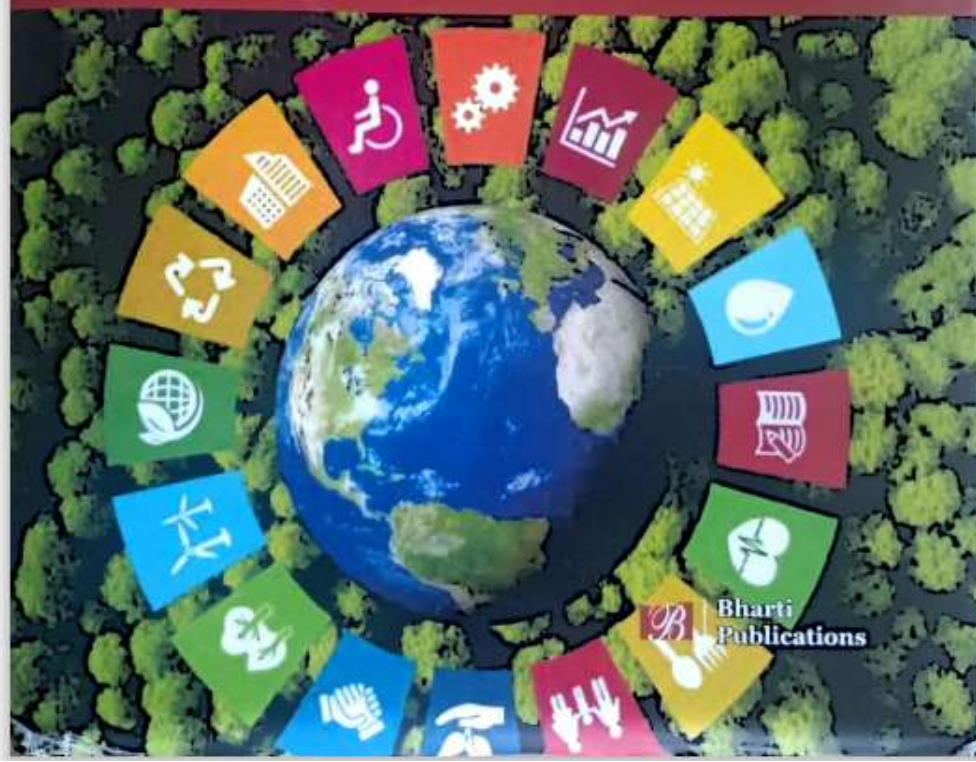
8. Medicinal plant's Remedial Approach for Infectious Diseases <i>Bharti, Poonam Katoch, Shikha Devi and Naveen Minhas</i>	109-122
9. Pharmacological Properties of Seaweeds: A Review <i>Pratibha, Nitesh Kumar, Harinder Singh Banyal, Arti Jamwal Sharma, Arvind Kumar, Anjna D. Kharwal, and Hitesh Sankhla</i>	123-133
✓ 10. Remote Sensing and Its Applications in the Conservation of Biodiversity <i>Naresh Kumar</i>	134-140
11. Ethnobotany, Pharmacological Uses of Some Lichens of North-Western Himalayas and Strategies for Lichen Conservation <i>Stuti Rawat, Nitesh Kumar, Rajeev Bhorla, Bhagwati Prashad Sharma and Sanjeev Kumar</i>	141-152
12. Documentation of Commonly Used Medicinal Plants in Shilli Area Adjoining Mohan Shakti Heritage Park, District Solan (HP) <i>Mamta Singh Pathania, Akshita Walia, Ajay Rana, Poonam Sharma and Dharendra Singh Pathania</i>	153-158
13. Role of Green Technology and Green Chemistry in Plastic Waste Management <i>Meena Kumari and Maridula Thakur</i>	159-170
14. Role of Education and Government in the Conservation of the Environment & Natural Resources <i>Ajay Kumar, Harkanwal Swarup, Vineeta Yadav and Neeraj Kumari Chauhan</i>	171-181
15. Diversity and Utilization of Wild Edible Plants by Indigenous Inhabitants of Kinnaur District in the Alpine Region of Himachal Pradesh <i>Gayatri Deryan, Sheetal and Dhiraj S. Rawat</i>	182-191
16. Ecology: As Revealed in the Buddhist Literature <i>Sonam Pema Larje</i>	192-197
17. An Indigenous Healthcare Management Practices in Dermatology by the Natives of Shimla, Himachal Pradesh <i>Priya and Suman Rawat</i>	198-207
18. Diversity of	

## Contents

<i>Preface</i>	iii
<i>List of Contributing Author</i>	vii-x
<i>Introduction</i>	xiii-xxviii
1. Morphological Study of Fourteen Common Species of Ferns Belonging to Nine Families i.e. Adiantaceae, Davalliaceae, Aspleniaceae, Athyriaceae, Sinopteridaceae, Hemionitidaceae, Thelypteridaceae, Dryopteridaceae and Pteridaceae Which Are Reported from District Kinnaur (Himachal Pradesh) <i>H.C. Negi, Ruchi Negi, Nitesh Kumar, Neha Thakur and Stuti Rawat</i>	1-19
2. Endangered Medicinal Plants of Kullu District of the Indian Himalayan Region <i>Anita Kumari</i>	20-28
3. Plants used in the Traditional Medicinal System of the Indian Himalayan Region, their Phytochemical and Pharmacological Aspects with Specific Reference to the Impact of Environmental Stress on Himalayan Medicinal Plants <i>Anita Singh, Vineeta Singh, Anuj Choudhary and Harmanjot Kaur</i>	29-49
4. Exploring Nutritional and Medicinal Values of Underutilized Indigenous Leafy Vegetables of North India <i>Harjinder Singh</i>	50-58
5. Pesticidal Potential of Some Plants of Himachal Pradesh, India <i>Neha Thakur, Nitesh Kumar, Arti Jamwal Sharma, Rita Pathania, Sunita Saklani, Dhiraj S. Rawat and Anu Priya Sharma</i>	59-77
6. Microbial Diversity as a Potential Source of Industrially Important Xylanolytic Enzymes <i>Shikha Devi, Poonam Katoch, Shrishti Sundriyal, Viplov Thakur, Swati Sharma, Hritik Thakur, Punit Kumar, Ayushi, Kalpana Thakur, Mamta Devi, Decksha Kumari and Arvind Kumar Bhatt</i>	78-92
7. Documentation of Plants Used for Preparing Traditional Dishes in Sarkaghat Tehsil of District Mandi (H.P.), India <i>Manu Vineet Sharma, Ruchika Devi, Nitesh Kumar, Sushmita, Indu, Ashwani and Upasana</i>	93-108

# Biodiversity, Conservation Strategies and Human Health: An Approach for Sustainable Development

Dr. Nitesh Kumar | Dr. Sunita Saklani  
Dr. Heer Chander Negi | Dr. Arvind Kumar



Bharti  
Publications

STUDENT'S

New Pattern

# P.G.T. ENGLISH

## PAPER I & II

With Previous Year's Question  
Paper Solved, Original H.P. Edition

USHA BANDE

Retd. Principal  
Govt. Degree College, Arki  
Paper Setter: P.G.T. S.E.T.

NISHAT BAGGA

Assistant Professor of English  
G.D.C. Bhoranj  
Distt. Hamirpur (H.P.)

### STUDENT PUBLICATIONS

Shop No. 7, Lower Bazar, Shimla (HP)  
Comp. Off. Gagret - Una - 177205 (HP)

Self Attached  
[Signature]



# CERTIFICATE

PENS OF HONOR



Gratefully Awarded To

**DR. KULTARAN KUMARI**

In Recognition of Remarkable Literary Excellence,  
Unyielding Dedication, and Inspirational Contributions  
to the World of Words, as Evident in the Book titled

**Computation And Applied Mathematics**



28th October, 2023

Dated

Signature

## Teacher's Academic and extension activities



### 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](mailto:ddshpu@gmail.com)

**Dr. D.D. Sharma**  
Professor & Chairman

27<sup>th</sup> April, 2024

#### Certificate of Participation

Certified that Dr. Sandeep Kumar, Assistant Professor in Geography, G.D.C. Bhoranj, Distt. Hamirpur (H.P.) attended and participated in one day Workshop on “Development of Undergraduate Course Curriculum in Geography Discipline as per NEP – 2020 Provisions” held at Department of Geography, Himachal Pradesh University, Shimla on 27/04/2024. His/her intellectual inputs and practical suggestions have been of great help in designing the UG course framework in geography discipline during the workshop.

I wish him/her all the success in future and look forward for similar cooperation and help in future also.

  
Chairman  
Department of Geography  
H.P. University, Shimla-5

**Block Development office  
(Tauni Devi, Dist.- Hamirpur)**

**Certificate**

This is to certify that Prof./Dr. Asha Devi participated in the programme on ELC Activity organized by Block Development Officer Bhoranj constituency , Block Tauni Devi, Dist.- Hamirpur (H.P) on 07.03.2024 and she has delivered a lecture on the topic "Voter Awareness".

  
Block Development officer  
Tauni Devi, Hamirpur (H.P.)  
07/03/2024

No-91


Dated 27-3-2024

**CHILD DEVELOPMENT PROJECT OFFICER  
OFFICE - TAUNI DEVI DIST. HAMIRPUR (HP)**

**Certificate**

This is to certify that Prof./ Dr. Asha Devi participated in the programme on International Women Day organized by department of Women and child Development, (CDPO), Block Tauni Devi, Dist.- Hamirpur (H.P) on 07.03.2024 and she has delivered a lecture on the topic women empowerment.

SL

  
Child Development Project Officer  
Tauni Devi, Distt. Hamirpur (H.P.)




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  
संस्कृत विभाग  
श्री०प० विश्वविद्यालय, शिमला - १

- 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  
संस्कृत विभाग  
श्री०प० विश्वविद्यालय



**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

23<sup>rd</sup> April, 2024

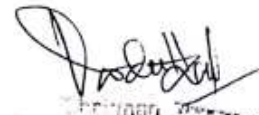
1. Dr. Madan Mankotia, RKMV, Shimla
2. Dr. Khyal Chand, G.C. Sanjauli, Distt. Shimla
3. Dr. Pankaj Ashish, St. Beads College, Shimla
4. Sh. Nem Raj, G.C. Palampur, Distt. Kangra (HP)
5. Dr. Satya Prakash, G.C. Nurpur, Distt. Kangra (H.P.)
6. Dr. Sudhir Kumar, G.C. Kandaghat, Distt. Solan
7. Ms. Monika, 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. Bhowanj, Distt. Hamirpur, HP

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

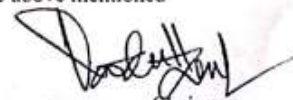
Dear Sir/Madam,

Kindly depute the teacher (s) working as Assistant/Associate Professor of Geography in your esteemed institution for the above said purpose on dated 27<sup>th</sup> 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 30<sup>th</sup> April, 2024.

Thanking you,

  
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.

  
Chairman  
Department of Geography  
Himachal Pradesh University, Shimla-5

Through email

**DR. B.R. AMBEDKAR  
GOVT. POLYTECHNIC, AMBOTA, DISTT, UNA  
(HIMACHAL PRADESH)-177205.**



**TO WHOM IT MAY CONCERN**

This is to certify that Dr. Kultaran Kumari, Assistant Professor Mathematics of Govt. College Bhoranj (Tarkwari), Distt. : Hamirpur (H.P.) has delivered an Expert Lecture through online mode to the 2<sup>nd</sup> semester students of Dr. B.R. Ambedkar Govt. Polytechnic, Ambota, Distt. : Una (H.P.) on the topic titled as "Importance of Mathematics in Engineering and Enhancing Life Skills" on 21/03/2024.

Place : Ambota

Dated : 26/03/2024

Principal

Dr. B.R. Ambedkar, Govt. Polytechnic  
Ambota, Distt. Una (H.P.)-177205  
Distt. Una (H.P.)-177205

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

*Dated 04.05.2024*

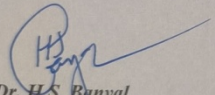
To

*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 grateful 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. Bhatia,  
Chairperson,  
Dept. of Bio-Sciences,  
H.P. University, Shimla-5**



## Awards by recognized & reputed organization



Sanjay Swarup, HAS



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, Astt. Professor  
GDC Bhoranj,  
District Hamirpur (HP)

  
Sanjay Swarup, HAS  
Officer (SDM)  
Jag Bhoranj, Distt. Hamirpur