



International Conference

on

*Identity, Culture, Development and
Environment in the Himalayas: Challenges
and Future Prospects*

13th & 14th August, 2024

(13th August Virtual Mode, 14th August Offline Mode)



Organised By:

Government College
Banjar, Kullu (H.P.)

(NAAC Accredited)

Sardar Patel University H.P.

www.gdcbanjar.edu.in

Ph: 01903-221602

Principal
Govt. Degree College
Banjar, Distt. Kullu
Himchal Pradesh-175123

Good afternoon everyone,

I am Atul Choudhary, Assistant Professor of Physics, Govt. Degree College, Banjar is hereby presenting a brief report on the various activities that took place during the two days international conference held in our college.

The conference commenced with Deep Prajjwalan by our worthy chief guest, Dr. Amarjeet Sharma, the director of Higher Education virtually, and Physically by **Dr. Renuka Thapliyal**, Principal Govt. Degree College Banjar.

After this, **Dr. Harish Kumar**, The Addl. Director, Higher Education on behalf of Dr. Amarjeet Sharma, director of the higher education, unveiled the Abstract booklet for the conference with title: '**Identity, Culture, Development, and Environment in the Himalayas: Challenges and Future Prospects**

Dr. Gopal Krishan Sanghaik, the OSD Colleges Cum State Nodal Officer RUSA, was also the Guest of Honour for this session.

Further, in the session Dr. Renuka Thapliyal (Principal, GC Banjar), formally welcomed the Chief Guest, the Guests of Honour, all the dignitaries, participants, faculties, and research scholars, who were connected here with hybrid mode from various parts of the country as well as outside the country

Further,

Dr. J. C. Kuniyal (Scientist-G & Head Centre for Environmental Assessment and Climate Change, G.B. Pant National Institute of Himalayan Environment (NIHE), Almora, Uttarakhand) & Honourary Fellow Bath Spa University London acted as the **Keynote Speaker** for this session.

He presented his research work in context to the **impact of Aerosol on the climate change in the Himalayas region**. He discussed the method to measure Aerosol optical depth, working of indigenous equipment for the study of aerosol optical depth, particulate matter measurement.

(Plenary session)

Straight after the inaugural session, the plenary session featured three invited speakers.

Dr. Swagata Basu, Professor and Head Department of Geography, SSV College, Hapur, Uttar Pradesh, She gave her lecture on the topic: **Connecting the tenets of Deep Ecology with Sacred Geographies of Highlands**

She familiarized us with the concept of sacred Geography, sacredness of the mountains, deep and fragile ecology; ethical concern related to deep ecology, spiritual based ecology system, various issues related to the ecology.

After, Dr. Basu's talk,

Prof. Dr. Priya Ranjan, and **Asst. Prof., Dr. K. A. Muthukumar**, School of Computer Science, UPES, Dehradun, Uttarakhand gave their presentation on the topic: **Climate Change and Sustainable Development with AI.**

The topic was mainly focus about the highlighting the importance of climate change and sustainable development with Artificial Intelligence (AI). The role of AI in monitoring and reducing the pollution is also discussed.

There after that,

Dr. Jeetendra Soni, Associate. Professor and Head Department of Geography, Government Arts College Sikar, Rajasthan gave a talk on the topic: **Space, Formation of Cultural Identity and Development: A Case Study of Himalayas**

Dr. Leena Vaidya, Asst. Professor, Dept. of English, and **Dr. Sarwan Kumar**, Asst. Professor, Dept. of Economics, Govt. College Banjar, acted as the moderator for this session.

After this, three technical sessions followed, featuring presentations by researchers and scholars on various topics related to the conference theme

(First Technical Session 1.1)

The first technical session was chaired by:

Dr. Kanchan Chandan, Faculty, Centre for the Study of Social Exclusion and Inclusive Policy, Panjab University, Chandigarh

In this **session**, four participants, presented their research work

Dr. Shashi Sharma Asst. Prof. Dept. of Economics and **Mr. Deep Lal**, Asst. Prof. Dept. of Political Science, G.C. Kullu, co-presented their topic:

A survey of consumer's awareness and behavior toward electronic waste (e-waste) collection and recycling in Kullu district

Second speaker, **Dr. Madhur Katoch**, throws a light on a current issue, **prevalence of substance abuse among youth of districts Kullu and Kangra of Himachal Pradesh.**

Last speaker, **Dr. Manjinder Kaur**, who gave a talk on Echoes of the sacred lake Environmental and cultural reflections in Himalayan folklore

(Second Technical Session 1.2)

This session was headed by **Dr. Meena Kumari**, ASSOCIATE PROFESSOR, Dept of Bio Science, HPU Shimla.

The second technical session started with the presentation by

Mr. Rather Hananul Khalil, and **Dr. Diptimayee Nayak**, Assistant Prof. Department of Humanities and Social Sciences IIT Roorkee, Uttarakhand co-presented their on the topic:

Analyzing Perceptions on Climate Change and Ecosystem Services: Evidence from a Pilot Study of Kashmir Valley in the Indian Himalayas

Then,

Ms. Indu Chauhan, Research Scholar Himachal Pradesh University, Shimla gave her talk on the topic: **Ethnogynaecological knowledge of plants used by the Indigenous population of Tehsil Rajgarh, District Sirmaur, Himachal Pradesh.**

Ms. Tripta Sharma, Assistant Professor, Department of Zoology, PSR Govt. College Baijnath District Kangra, on the topic: **Climate Change in the Himalayas**

Ms. Shailja Chauhan, Research Scholar, Department of Bioscience, H.P. University, Shimla, and **Prof. Anand Sagar Professor**, Department of Bioscience, H.P. University, Shimla, HP co-presented their work on the topic:

Phytochemical screening and Antioxidant analysis of Bergerakoenigii.

In this session total six participant presented their work.

The reporting of both the technical session was jointly done by

Dr. Deepak Kumar Singh, Assit. Prof, Geography, and **Mr. Vikas Negi**, Assit. Prof, Mathematics, GC Banjar

(Post lunch First Plenary session)

For the post lunch, the first plenary session started with the presentation of invited speaker: **Dr. Sachin Kumar**, Principal WRS Government College, Dehri, Kangra.

He discussed the idea of identity, culture environment and development and integrating them together.

(Technical Session 1.3)

This technical session was chaired by **Dr. Nirmala Chauhan**, Department of Chemistry, GC Kullu.

In this session there were total seven participants

The topic

- Agro-Economy in the Himalayan Region: Himachal Pradesh

Presented by: **Dr. ShardaVerma**, Assistant Professor (History), ICDOEL, HPU, and **Ms. SarojKumari**, Research Scholar (Ph.D.), Department of History, HPU

- Sustainable Environmental Practices and Biodiversity

Presented by: **Dr. Chetna Sharma**, Assistant Professor, Zoology, PanditSant Ram Govt. Degree College, Baijnath, Kangra, H.P.

- UV and IR Absorption of Ozone in Atmosphere: A Review

Presented by, **Dr. Gulshan Kumar**, Assistant Professor, Physics, and **Dr. Rajgir Singh**, Assistant Professor, History, Govt. Degree College Baldwara, Distt. Mandi, H.P.

- Best Practices and Innovative Ideas in Disaster Management: A Study of Kullu District

Presented by: **Mr. Deepak Kumar Singh**, Assistant Professor, Geography, Govt. Degree College Banjar, Distt. Kullu, H.P.

- Literacy, Education, and Development in the Himalayas: Agents of Social Change

Presented by: **Mr. Suman Bhardwaj**, Assistant Professor, Department of Education, Govt. College Mandi, Mandi, H.P.

Mr. Tikkam Ram, Assistant Professor, History and **Dr. Anil Kumar**, Assistant Professor, Department of Mathematics, Govt. College Banjar, Kullu, Acted as reporter for the session

(Post Lunch Second Plenary Session)

Dr. Krishna Prasad Bhandari, Director Centre for Space Sciences and Geomatics Studies, Institute of Engineering Tribhuvan University, Nepal was invited speaker for this session.

His topic of discussion was: **Space weather initiative and its application at Centre for Space Science and Geomatics Studies, Tribhuvan University, Nepal**

Dr. Leena Vaidya, Asst. Professor, Dept. of English, and **Dr. Sarwan Kumar**, Asst. Professor, Dept. of Economics, Govt. College Banjar, acted as the moderator for this session.

(Technical Session 1.4)

This session is chaired by Dr. Jagriti Upadhyay, Associate Dean, Police University, Jodhpur, Rajasthan

In this session there were total six participants

Dr. Dipti Sharma, Assistant Professor, Department of English, PSR Govt College Baijnath, presented her research work on the topic:

Ritual travelling and power in a West Himalayan Kingdom

Dr. Renuka Thapliyal, Associate Professor, Geography, **Dr. Yog Raj**, Assistant Professor, Public Administration and **Dr. Surender Singh**, Assistant Professor, Political Science, GDC Banjar, Kullu, H.P. jointly gave the presentation on the topic.

Reconceptualizing Tribal Identity: A Critical Discourse on the Interstices of Continuity and Change in the Anthropology of Cultural Persistence and Adaptation

Ms. Jyoti, Assistant Professor Sanskrit, Vallabh Govt. College Mandi, H.P. presented her topic on

देवनियों के माध्यम से पर्यावरण संरक्षण

Dr. Dabe Ram, Assistant Professor Commerce, Govt Degree College Banjar

Kullu, H.P. on the topic: **Prospects of Tourism in Banjar Valley Kullu**

Mr. Dabe Ram, Assistant Professor, Commerce and **Dr. Anil Kumar**, Assistant Professor, Department of Mathematics, Govt. College Banjar, Kullu, Acted as reporter for the session

Day 2

The day 2 started with Deep Prajjwalan & SaraswatiVandana by Music Department

Dr. Renuka Thapliyal, was the chief guest for this session.

Further, in this session Dr. Renuka Thapliyal (Principal, GC Banjar), formally, all the dignitaries, participants, faculties, and research scholars, who were connected here with hybrid mode from various parts of the country as well as outside the country.

There were two invited speakers in the first plenary session of day 2.

The first invited speaker,

Dr. Pawan Kumar, Assistant Prof. & Incharge

Department of Geography Faculty of Earth,

Environment and Space Science

From, Chaudhary Bansi Lal University, Haryana.

delivered his lecture on the topic: **Climate Changes and Human adaptation in during the little Ice age in the Miyar basin of Lahaul Himalaya.**

He discussed change in recent changes on the climate. He also discussed how fast the Glaciers in the Himalayas region are receding very fast.

Second Invited speaker for this session was

Dr. Ruchi Ramesh, Principal, Govt. College Darlaghat, Distt. Solan

She delivered her lecture on the topic:

Dr. Leena Vaidya, Asst. Professor, Dept. of English, and **Dr. Sarwan Kumar**, Asst. Professor, Dept. of Economics, Govt. College Banjar, acted as the moderator for this session.

(Technical Session 1.1)

Dr. Dinesh Singh, Asst. Professor, Dept. of Commerce, Govt. College Haripur Manali, Distt. Kullu, acted as Chairperson for this session.

Mr. Deep Kumar, Asst. Prof. Dept. of Political Science, Govt. Degree College Thachi, Distt. Mandi H.P.

He presented his work on the topic on:
The role of financial inclusion in advancing

Mr. Pune Ram Bhardwaj, Asst. Prof. Dept. of Economics, Govt. Degree College Thachi, Distt. Mandi H.P.

Ms. Gopi Devi, Asst. Prof. Hindi, Govt. Degree College Thachi, Distt. Mandi H.P.

Topic: The issues of sustainable economic growth in India

Dr. Hemlata: Asst. Prof. Sanskrit, Govt. College Banjar, Kullu, HP

Mr. Anshul Sharma: Assistant Professor, Music, Govt. College Banjar, Kullu, HP

हिमाचल प्रदेश की भौगोलिक विविधता और सांस्कृतिक अनुकूलन

Dr. Anil Kumar Asst. Prof., Mathematics, Govt. College Banjar, Kullu, HP

Mr. Vikas Assistant Professor, Mathematics, Govt. College Banjar, Kullu, HP
A Study of Climate Change in Himalayan Region by using Mathematical Modeling

Dr. Vikas Kumar

Asst. Prof. Music, Govt. College Banjar

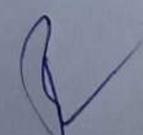
Presented his topic on: Enlivening symbol of Himalayan Culture Heritage:

ShaandMahayagya

Mrs. Lata Devi,

Assist. Prof, Deptt. of Hindi, GDC Banjar, presented her topic on

हिमाचल प्रदेश के संदर्भ में जलवायु परिवर्तन की गंभीरता


Principal
Govt. College
Banjar, Kullu
Himachal Pradesh-175122