



KUMAUN UNIVERSITY
DEPARTMENT OF CHEMISTRY
D. S. B. Campus Nainital-263002, India

Ph- 05942-236943

Date.....

Two Days Hands on Training Workshop

On

Upcycling of Solid waste into carbon nanomaterials and their characterization for various Applications

Names of Organizers: Prof. N. G. Sahoo

Name of Department: Department of Chemistry, D. S. B. Campus, K. U. Nainital

Date: 6th & 7th October 2023

Executive Summary:

Day 1: October 6th, 2023

The two-day hands-on training workshop on upcycling solid waste commenced on October 6th, 2023, at the PRS-NSNT Centre, Department of Chemistry, DSB Campus, Kumaun University, Nainital. The event drew approximately 100 participants from various institutions, each actively engaged in the proceedings. The inaugural ceremony, led by distinguished guests and academic leaders, set the tone for the event's significance. Prof. Santosh Kumar, Prof. Sanjay Pant, Prof. Lalit Tewari, Prof. Neeta Bora (Director), Prof. N. G. Sahoo, Prof. Sri Niwas Singh (Director, ABV-IIITM, Gwalior), and Kireet Kumar (Nodal Officer, NMHS-PMU, Kosi Katarmal) graced the occasion with their presence. Following the inaugural ceremony, Prof. N. G. Sahoo delivered the welcome address, which was followed by insightful thoughts shared by Prof. Santosh Kumar, Prof. Neeta Bora, Prof. Sri Niwas Singh, and Kireet Kumar on the upcycling of solid waste. The workshop then featured presentations by esteemed experts, including Prof. N.G Sahoo, Dr. Atul Grover (DIBER, Haldwani), Prof. Sravendra Rana, Prof. Suman Mehendia, Prof. Anurag Srivastava, and Dr. Mahesh Chandra Arya. These presentations delved into innovative approaches to waste management and resource utilization, providing participants with valuable insights. Hands-on training sessions were conducted at the PRS-NSNT Centre, where participants learned to operate various instruments such as the SWYAMBHU WRM-2021 Plant, Electrochemical work station, Polymer Extruder, TGA, DSC, UV, and Tube furnace in different batches.

Day 2: October 7th, 2023

The second day of the workshop, October 7th, 2023, commenced with technical sessions and poster presentations covering diverse aspects of waste management. Experts delivered talks on topics like waste plastic upcycling, graphene synthesis, polymer research, and renewable energy production from waste materials, stimulating interactive discussions and Q&A sessions among participants. The workshop provided a platform for scholars to showcase their research contributions through poster presentations, fostering scholarly discussions and collaboration opportunities. The interactive session allowed participants to exchange ideas, discuss findings, and explore collaborative opportunities in the field of upcycling and sustainable development. Hands-on training sessions continued at the PRS-NSNT Centre, providing participants with practical experience in synthesizing graphene from waste plastic and other upcycling techniques. A poster presentation competition encouraged participants to present their research projects, further enriching scholarly discourse and engagement. The closing ceremony acknowledged contributions and reflected on outcomes, emphasizing continued collaboration, research, and innovation in advancing sustainable waste management practices. Overall, the hands-on training workshop served as a catalyst for knowledge exchange, networking, and collaboration among participants from diverse backgrounds, fostering a shared commitment to environmental stewardship and innovation. The enthusiastic participation and positive feedback from attendees underscored the event's success, leaving participants inspired to drive positive change in waste management practices.

Attendance and Participants: Annexure- I, II, III

Number of attendees: 96



विनायकजी
स्थायन विज्ञान विभाग
कुमार्यू विश्व विद्यालय, के.एम.एम.

Attendance

S.No	Name	Institute	Sign
1.	Aashu	D.S.B. CAMPUS KUMAON UNIVERSITY NAINITAL	
2.	Akansha Kotiyal	GBPUAT	Akansha
3.	Anchal Anuja	Nainital	Anchal
4.	Anu Bala	J.C Bose University of Science and Technology, YMCA, Faridabad	Anu
5.	Arun Baghari	G B PANT UNIVERSITY OF AGRICULTURE AND TECHNOLOGY	Arun
6.	Arvind Kumar	Kumaon University Nainital	Arvind
7.	Atif Afroz	Aligarh	Atif
8.	Barkha Arora	J c Bose University of science and technology	Barkha
9.	Bhaskar Pandey	Govind ballabh pant university of agriculture and technology	Bhaskar
10.	Bhawana Kanyal	Department of Chemistry, DSB Campus Nainital	Bhawana
11.	Chandra kam	Department of physics, Agra College Agra, Dr. Bhimrao Ambedkar University Agra Uttar Pradesh India	Chandra
12.	Chandra Shekhar Joshi	Govind Ballabh Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, 261145	Chandra
13.	Chetan Pant	GBPUAT-Pantnagar	Chetan
14.	Deepika Singh	IIT Roorkee	Deepika
15.	Diksha Palariya	G B PANT UNIVERSITY OF AGRICULTURE AND TECHNOLOGY PANTNAGAR	Diksha
16.	Divya	Guru Jambheshwar University of Science and Technology, Hisar	Divya
17.	Dr. Meenakshi Rana	Uttarakhand Open University, Haldwani	Dr. Meenakshi
18.	Dr. Nisha Raj	Government College, Barwala, Panchkula	Dr. Nisha
19.	Dr. Rajesh Kumar	Department of Chemistry SSJ University Campus Almor	Dr. Rajesh
20.	Geetanjali Yadav	Kurukshetra University	Geetanjali
21.	Harsh Sharma	UPES, Dehradun	Harsh
22.	Harsh Sharma	Kurukshetra University, kurukshetra	Harsh
23.	Hema kandpal	G. B. Pant university of agriculture and technology	Hema
24.	Himani Sabherwal	J.C. Bose University of Science and Technology, YMCA, Faridabad	Himani
25.	Ilma Shahnaz	Govind Ballabh Pant University of Agriculture and Technology, Pantnagar, Uttarakhand	Ilma
26.	Indrajeet kumar	IIT ROORKEE	Indrajeet
27.	Ishita Senwal	Doon University	Ishita
28.	Jyoti	D.S.B. CAMPUS KUMAON UNIVERSITY NAINITAL	Jyoti
29.	Jyoti Maheshwari	G. B. Pant University of Agriculture and Technology Pantnagar	Jyoti
30.	Kamli Monga	PUNJAB ENGINEERING COLLEGE (DEEMED TO be University)	Kamli
31.	Kirti Singh	Department of chemistry DSB Campus	Kirti
32.	Km Priyanka	NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY NEW DELHI	Km Priyanka
33.	Komal Singh	IIT Roorkee	Komal
34.	Lakshita Tiwari	DSB CAMPUS, KUMAON UNIVERSITY, NAINITAL	Lakshita Tiwari
35.	Lata Joshi	Department of chemistry, S. S. J. Campus, Almor	Lata
36.	Leelawati Nirwal	Kumaon University Nainital	Leelawati
37.	MALAIAPPAN SINDHU M	National Institute of Technology Puducherry	Malaiappan
38.	Manish Pant	DIT, Dehradun	Manish
39.	Manisha	Central University of Haryana	Manisha

[Signature]

Attendance

40	Manisha Bisht	G.B. Pant University of agriculture and technology	Manisha
41	Manisha Joshi	D.S.B. Campus, Kurukshetra University, Nainital	
42	Manisha Pali	Nainital	Manisha
43	Manisha Pandey	Govind Ballabh Pant University of Agriculture and Technology	Manisha
44	Mani	Chaudhary Charan Singh Haryana Agricultural University, Hisar	Mani
45	Mani Malik	Kurukshetra University	Mani
46	Mohammad Anis	G. B. Pant University of Agriculture and Technology Pantnagar	Mohammad
47	Mohammad Saad Ashar	AMU Aligarh	Mohammad
48	Muskan	Kurukshetra University, Kurukshetra	Muskan
49	Nazish	DSB campus	Nazish
50	Neelam Rawat	Uttarakhand	Neelam
51	Neelam Sharma	DSB Campus, Kurukshetra University, Nainital	Neelam
52	Nehraj Singh	Pantnagar	Nehraj
53	Nidhi Chauhan	Doon university	Nidhi
54	Parveen Garg	UGC-DAE Consortium For Scientific Research Indore	Parveen
55	Pooja Pandey	Rajiv Gandhi Institute of Petroleum Technology	Pooja
56	Pooja Singh	J.C. Bose University of Science and Technology, YMCA, Faridabad	Pooja
57	Pooja Singh	G.B. Pant University of Agriculture and technology, Pantnagar	Pooja
58	Poonam Singh	UPES, Dehradun, Uttarakhand, India	Poonam
59	Prakash Yadav	ABV- Indian Institute of Information Technology, Greater	Prakash
60	Preshita Patwar	Doon University	Preshita
61	Priyanka	Guru Jambhadrar University of Sci&Tech Dehradun	Priyanka
62	Priyanka Bhandari	UPES, BIDHOLI, DEHRADUN	Priyanka
63	Priyanka Hala	UPES	Priyanka
64	Rahul Patel	GHPU/A&T pantnagar	Rahul
65	RAJESH KUMAR GOYAL	DSB CAMPUS NAINITAL	Rajesh
66	RAKESH CHANDRA JHA	NAINITAL	Rakesh
67	Rakshita Pandey	Nainital	Rakshita
68	Raman	PUNJAB ENGINEERING COLLEGE CHANDIGARH-160012	Raman
69	Ritu Jangra	KURUKSHETRA UNIVERSITY, KURUKSHETRA	Ritu
70	Robin Sami	Central University of Haryana	Robin
71	Rohit	Kurukshetra University, Kurukshetra	Rohit
72	Sarabjit Budhakar	DSB Campus, Kurukshetra University, Nainital	Sarabjit
73	Sakshi	G. B. Pant University of Agriculture and Technology	Sakshi
74	Salman Ahmad	IIT ROORKEE	Salman
75	Sapna	Kurukshetra University, Nainital	Sapna
76	Shahid Husain	Photophysics Laboratory, Department of Physics, D.S.B Campus, Kurukshetra University Nainital	Shahid
77	Shalendra Chandra	J.C.B.G. University	Shalendra
78	Shaina Fatima	IIT Roorkee	Shaina
79	Shiva Bawa	GRAPHIC ERA HILL UNIVERSITY, BHIMTAL CAMPUS	Shiva
80	Shivani	Punjab Engineering College 160012 Chandigarh	Shivani
81	Shreshth Dubeyal	UPES	Shreshth
82	Shreya Jaiswal	Nainital	Shreya

Attendance

83	Shristi Rawat	H.N.B. Garhwal University	Shristi
84	Shubham Kathuriya	Uttarakhand	Shubham
85	Simran Kaur	H.N.B. Garhwal University, Srinagar, Uttarakhand	Simran
86	Shrishti Thapliyal	Doon University	Shrishti
87	Tanisha Bisht	D.S.B. Campus Nainital	Tanisha
88	Vaishnavi	Nainital	Vaishnavi
89	Vandana Tyagi	ABV- IITM, Gwalior	Vandana
90	Ziyaur Rasool	Department of Chemistry, Aligarh Muslim University, Aligarh	Ziyaur
91	Divyanshi Chauhan	Doon University	Divyanshi
92	Vivek Dhuliya	Gurukul Kangri (Deemed to be University) Haridwar	Vivek
93	Shradha Lakhera	Uttarakhand open university Haldwani	Shradha
94	Bhanu Priya	D.S.B. Campus Nainital	Bhanu Priya
95	Chanchal Ijardwi	ABV- IITM, Gwalior	Chanchal
96	Dr. Akansha Rani	D.S.B. Campus Nainital	Akansha





Prof. Santosh Kumar (Vice Chacellor Kumaun University)



Welcome note by Prof. N.G Sahoo



(b)

(a-b) Second day of Training Programme



Poster Presentation by participants



Valedictory Ceremony



Group Photo at Valedictory Ceremony



High Tea Session



Group Photo of Participants with Guests



(d)





Prof. Sri Niwas Singh (Director, ABV-IIITM Gwalior)



Guests at Inauguration Ceremony



Prof. Neeta Bora (Director, DSB Campus, Kumaun University)



Er. Kireet Kumar (Nodal Officer, NMHS-PMU, Kosi-Katarmal)



**Prof. Lalit Tiwari and Prof. Sanay Pant during
Inauguration ceremony**



Dr. Mahesh Chandra Arya delivering Thanks note



Dr. Atul Grover (DIBER, Haldwani)



(a)

itions

Sponsored by:
National Mission on Himalayan Studies
(NMHS-PMU), Ministry of Environment, Forest and
Climate Change (MoEF&CC), GBPNHESD
Kosi-Katarmal, Almora
Govt. of India



(b)

g Workshop



nanomaterials and
Applications

Sponsored by:
National Mission on Himalayan Studies
(NMHS-PMU), Ministry of Environment, Forest and
Climate Change (MoEF&CC), GBPNHESD
Kosi-Katarmal, Almora
Govt. of India





(f)

Technical Session by (a) Prof. N.G. Sahoo (b) Prof. Suman Mehandia (c) Prof. Sravendra Rana (d-e) Prof. Anurag Srivastava (f) Dr. Mahesh Chandra Arya





(b)



(c)

(e)



(f)



(g)



Kumaun University

Department of History DSB campus Nainital

Activity = I

Book Review Workshop Report: Celebrating the 50th Establishment Day of Kumaun University

Title of the event	Book Review Workshop Report: Celebrating the 50th Establishment Day of Kumaon University
Department name	Dept of History , DSB Campus Kumaun university, Nainital
Date of event	1 December 2023
Detail of expenditure	Self

Executive summary

Dr. Shivani Rawat, from the Department of History, hosted the program, ensuring its smooth execution. The workshop garnered additional support from esteemed faculty members including Dr. Bhuvan Sharma, Dr. Manoj Bafila, Dr. Hardesh Sharma, and Dr. Kritika Bora, collectively contributing to the event's success. The day unfolded with a series of engaging sessions, designed to immerse students in the art of crafting insightful book reviews. Prof. Neeta Bora Sharma, in her opening remarks, highlighted the relevance of analytical skills in comprehending and critiquing historical literature. The interactive nature of the workshop facilitated a dynamic exchange of ideas, as students delved into discussions guided by their academic mentors. The workshop's agenda covered various facets of book reviewing, from evaluating historical methodology to deciphering nuanced narratives. Prof. Sanjay Ghildiyal's expertise provided a guiding light for students navigating the complexities of historical analysis, fostering a deeper understanding of the subject matter.

Sanjay Ghildiyal
H50th 2024
Dept. of History
D.S.B. Campus
Kumaun University, Nainital

Dr. Shivani Rawat's adept hosting skills ensured that the workshop maintained a vibrant atmosphere, conducive to learning. Her coordination with the supporting faculty members allowed for a seamless integration of diverse perspectives, enriching the educational experience for the students.

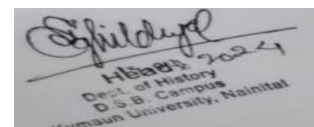
As participants engaged in lively discussions and practical exercises, the workshop served as a platform for students to cultivate critical thinking and analytical skills. These skills, deemed essential for academic and professional growth, were at the forefront of the educational initiative. The celebration of Kumaon University's 50th anniversary was undeniably enhanced by this educational endeavor. Beyond the jubilant festivities, the workshop contributed to the university's broader mission of instilling a spirit of academic excellence at the DSB Campus in Nainital.

In retrospect, the success of the one-day workshop lies not only in its immediate impact on students but also in its potential to resonate throughout their academic journeys. Kumaon University's Department of History played a pivotal role in shaping the next generation of critical thinkers and historians by empowering students with the tools to analyze and critique historical works. As the echoes of the 50th-anniversary celebrations reverberate through the halls of the DSB Campus, the legacy of the workshop persists—a testament to Kumaon University's enduring commitment to nurturing intellect and fostering a culture of academic excellence.

Purpose of the event

Kumaon University celebrated its 50th anniversary with a range of events, including a one-day open workshop by the Department of History. Led by Prof. Sanjay Gildhiyal, the workshop aimed to enhance students' analytical skills through the exploration of book reviews, underscoring the university's commitment to academic excellence.

The workshop sought to cultivate students' analytical abilities, crucial for their academic and professional growth, by delving into the art of crafting insightful book reviews. By engaging in dynamic discussions guided by academic mentors, students were encouraged to critically analyze historical literature, fostering a deeper understanding of the subject matter.



Sanjay Gildhiyal
H5005 2024
Dept. of History
D.S.B. Campus
Kumaon University, Nainital

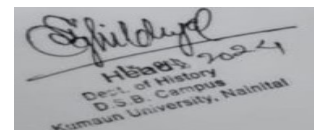
Event detail

Date	Time	Location
01-12-20223	11:30 – 1:00 Pm	Room no 3 , History lecture Theatre Arts Faculty, DSB Campus Kumaun university, Nainital

Attendance and participant: 53 students

Conclusion

The workshop proved to be a valuable experience, offering diverse perspectives on completing literature reviews across various fields. This multifaceted approach significantly enhanced students' critical and analytical thinking skills. The attendees, drawn from different backgrounds, found common ground in the shared exploration of literature review methodologies. The exchange of ideas and expertise not only enriched the workshop but also fostered a sense of community among scholars. In essence, the session's success lay in its ability to cultivate a dynamic learning environment, where the amalgamation of insights contributed to the overall development of participants. The Department of History looks forward to future collaborations, building Page 8 of 16 on the success of this workshop to further nurture the academic growth of its students and foster a spirit of continuous learning within the scholarly community.



Handwritten signature and stamp of the Department of History, DSB Campus, Kumaun University, Nainital. The stamp includes the text: "H5a85 2024", "Dept. of History", "D.S.B. Campus", and "Kumaun University, Nainital".

Appendices

RESULT BOOK REVIEW COMPETITION

POSITION HOLDERS

- I - Shrishti Rana (M.A. I Sem. English) 7042907
II - Sagar Pant (M.A. I Sem. English) 905863232
III - Prakriti Singh (M.A. I Sem. English) 90044878
&
Sandhya (M.A. I Sem. Political Science) 9557703

CONSOLATION – Paras Tamta (M.A.I Sem. Political Science)

Dr. Hari Priya Pathak

Dr. Kapil Khulbe

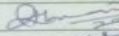
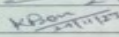
Dr. Hardesh Kumar

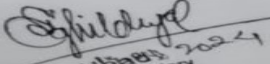
Dr. Kritika Bora

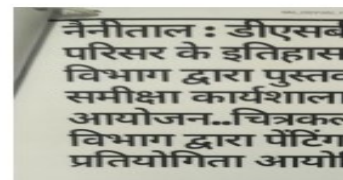
Dr. Deeksha

Notice

On the occasion of 50th Anniversary Celebrations of Kumaun University, Nainital (a commemorative events) the Department of History (on behalf of D.S.B. Campus University, Nainital) is organizing a special Book Review Workshop. The following is being constituted for the smooth conduct and subsequent evaluation of aforementioned event:

S.No.	Name of the Faculty Member	Department	Signature
1	Dr. Hari Priya Pathak	English	
2	Dr. Kapil Khulbe	Botany	
3	Dr. Shivani Rawat	History	
4	Dr. Hardesh Kumar	Political Science	
5	Dr. Kritika Bora	Geography	


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Kumaun University, Nainital



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 14/05/2024
 Dept. of History
 D.S.B. Campus
 Kumaon University, Nainital

Activity = II

The Quiz Competition on “History, Culture and Heritage of Uttarakhand

Title of the project	The Quiz Competition on “History, Culture and Heritage of Uttarakhand”.
Department name	KU-IIC and the Department of History and facilitated by the Department of Computer Science
Date of event	27th December, 2023 from 11:40AM to 12:30 PM.
Name of organizers/ contributor	KU-IIC and the Department of History and facilitated by the Department of Computer Science

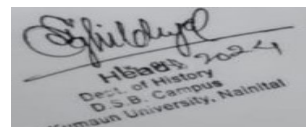
Executive summary

The Quiz Competition on “History, Culture and Heritage of Uttarakhand” was organized by KU-IIC and the Department of History and facilitated by the Department of Computer Science on 27th December, 2023 from 11:40AM to 12:30 PM. A total of 87 students had registered online for the Quiz Competition from the D.S.B. Campus (Nainital) and Sir J.C. Bose Campus (Bhimtal).

The number of students who participated in the Quiz Competition:

D.S.B. Campus (Nainital) – 26

Sir J.C. Bose Campus (Bhimtal) – 07



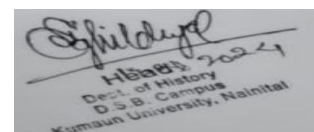
Handwritten signature and stamp of the Department of History, D.S.B. Campus, Kumaun University, Nainital.

The Quiz was conducted online and a Google form was created for the participants of the Quiz. The Quiz consisted of 50 multiple-choice based questions (MCQs) based on various aspects of Uttarakhand. It covered the history, culture and heritage of Uttarakhand. The students were thus assessed on their knowledge of their roots.

The Quiz was bi-lingual; hence questions were in English as well as in Hindi language. Hindi & English

Purpose of the event

The purpose of this quiz was to delve into the multifaceted identity of Uttarakhand by giving students an opportunity to explore and celebrate their roots. Delving into topics such as historical landmarks, cultural practices and traditional art forms, participants were able to deepen their understanding and appreciation of the rich heritage of Uttarakhand.



Event detail

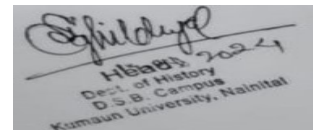
Date	27 th December, 2023	
Time	11:40AM to 12:30 PM.	
Venue	Department of Computer Science, DSB Campus, Kumaun University, Nainital	
Attended by:		
S.No.	Name	
1.	Prof. Ashish Tewari	
2.	Prof. Sanjay Ghildiyal	
3.	Prof. Geeta Tewari	
4.	Prof. Ashish Mehta	
5.	Dr. Lajja Bhatt	
6.	Dr. Reetesh Sah	
7.	Dr. Hari Priya Pathak	
8.	Dr. Reena Singh	
9.	Dr. Penny Joshi	
10.	Dr. Shruti Sah	
11.	Dr Bijendra Lal	
12.	Dr. Nidhi Verma Sah	
13.	Dr. Hem Chandra Bhatt	
14.	Dr. Nandan Mehra	
15.	Dr. Harsh Kumar Chauhan	
16.	Dr.Hardesh Kumar	
17.	Dr. Richa Ginwal	
18.	Dr. Daleep Kumar	
19.	Dr. Naveen Chandra Pandey	
20.	Mr. Anand Kumar	
21.	Mr. Ashish Bhatt	
22.	Mr. Mohd. Rehan	

Ghildiyal
 27/12/23
 Dept. of History
 DSB Campus
 Kumaun University, Nainital

Attendance and participant: 26

Conclusion

The Quiz conducted in both English and Hindi, allow students to engage with the content in their preferred language and fostering inclusivity among participants from diverse linguistic backgrounds. Through this event, students had the opportunity to showcase their knowledge of their roots and deepen their connection to the heritage of Uttarakhand.



Handwritten signature: *S. K. Singh*
H50083 2024
Dept. of History
D.S.B. Campus
Kumaon University, Nainital