



# GOVT. DEGREE COLLEGE DRANG AT NARLA

Teh. Padhar, Distt. Mandi (HP)-175012



[www.gcdranqnarla@gmail.com](mailto:www.gcdranqnarla@gmail.com)



01908-260645



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



## 4.15 Recognition for Exemplary Contributions of Staff and Students

| S. No. | Activity / Achievement                 | Details  |
|--------|--|--|
| 1      | One Day National Conference            | Govt. Degree College Drang at Narla, Distt. Mandi organized a One Day National Conference on <i>"Education, Employment and Sustainable Development: A Vision for Viksit Bharat by 2047"</i> on 12 March 2025, with 100+ participants from various degree colleges of Himachal Pradesh through online mode. |
| 2      | Board of Studies (UG) Membership       | Dr. Bandana Devi (English), Ajay Kumar Singh (Sociology), Hukam Chand (Zoology), and Suresh Kumar (History) were selected as members of the Board of Studies (UG) by SPU, Mandi (HP).  |
| 3      | Village Adoption for Cleanliness Drive | College NCC, NSS, Red Ribbon Club, and R&R units adopted the nearby Village Jundhar for conducting cleanliness drives.   |
| 4      | Resource Person Lecture                | Assistant Professor Hukam Chand, Department of Zoology, delivered an online lecture as a Resource Person on <i>"Career Opportunities After 12th in Science"</i> at GSSS Barot on 20 March 2025, guiding students about academic and professional pathways.   |
| 5      | Participation in National Celebrations | College students actively contributed during Statehood Day, Republic Day, and Independence Day celebrations and participated in the morning parade on these occasions.   |
| 6      | Motivational Lectures in Schools       | Dr. Kalyan Chand Mandhotra delivered motivational lectures in adopted schools: GSSS Padhar, GSSS Drang, GSSS Siun, and GSSS Urla.  |
| 7      | Constitution Day Lecture               | Prof. Chander Pal delivered a lecture on Constitution Day in the college.  |
| 8      | Inter-College Shooting Achievements    | Prof. Hukam Chand trained students for inter-college shooting competitions. The college secured 5th position in both men's and women's categories (2024-25) and won the Runner-up Trophy in the current year in 10-meter pistol and rifle events.  |
| 9      | NCC Pre-RDC Participation              | JUO Ankita participated in the Pre-RDC Camp held at Banikhet from 4 October to 13 October 2024.  |
| 10     | Chess Achievement                      | The college secured 4th position in Chess, and Gayatri was selected for National Trials.   |
| 11     | Academic Recognition                   | Dr. Mamta Parmar received a Reviewer Certificate from Springer Nature for reviewing one manuscript on 9 December 2024.   |

*[Signature]*  
Principal  
Govt. Degree College Drang  
at Narla Distt. Mandi(H.P)



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**National Conference on 12<sup>th</sup> March, 2025**

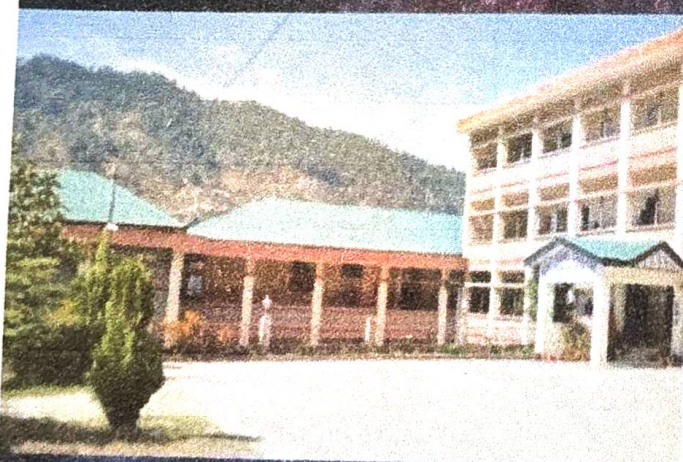


## A One-Day Online National Conference

on

**Education, Employment and Sustainable  
Development: A Vision for *Viksit Bharat* by 2047**

**12 March 2025**



### ORGANISING COMMITTEE

|                                |   |
|--------------------------------|---|
| Chief Patron                   | Dr. Kalyan Chand Mandhotra<br>Principal<br>Govt Degree College Drang at Narla   |
| Patron                         | Dr. Sanjay Kumar Sehgal<br>Associate Professor,<br>Department of Geography<br>G.D.C. Drang at Narla   |
| Conference Director            | Dr. Bandana Devi (9805411556)   |
| Convener                       | Dr. Mamta Parmar (9418978856)   |
| Co-convener                    | Prof. Sandeep Kumar (9418261601)  |
| Organising Secretary           | Dr. Asha Singh (9805686181)   |
| Joint Organising Secretary     | Dr. Pooam Chaudhary (9459725480)  |
| Organising Secretary Technical | Prof. Ajay Kumar Singh (9857520869)   |
| Organising Secretary Academics | Prof. Neelam (9805960311)   |
| Management Team Coordinator    | Prof. Hukam Chand (9418187435)  |
| Executive Members              | Prof. Chander Pal<br>Prof. Suresh Kumar<br>Prof. Anita Kumari<br>Dr. Saroj Kumar Sharma<br>Prof. Kanchana Devi<br>Prof. Kanchan Kumari<br>Dr. Virender Kaushal (98160-89500)<br>Dr. Kamlesh Bhatnagar |
| CSCA Office Bearers:           |   |
| President                      | Priya Chauhan   |
| Vice-President                 | Sumakshi  |
| General Secretary              | Reena Kumari  |
| Joint-Secretary                | Hina  |

### ORGANIZERS

**Govt. Degree College Drang at Narla, Mandi, Himachal Pradesh**  
in collaboration with

**Pratibha Spandan, Shimla**

<https://www.gcdrang.ac.in/>

<http://www.pratibha-spandan.org>

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## Members of Board of Studies SPU, Mandi

ANNEXURE - I



**Sardar Patel University, Mandi**  
(A State Government University)



E-mail ID: [spu.mandi@spu.ac.in](mailto:spu.mandi@spu.ac.in)  
No. SPU/Mandi/Academics/33/2022-73 DR - 7361

Phone: 01903-292295  
Dated: April, 2023  
18 May 2023

### Corrigendum

In partial modification of this University Notification No. SPU/Mandi/Academics/33/2022-7344-48 dated 11<sup>th</sup> April 2023, the Hon'ble Vice Chancellor is pleased to reconstitute the Board of Studies for some courses for reforming the syllabus in alignment with NEP-2020 and implementing the same from the Academic Session 2023-24 as per ANNEXURE 1 enclosed herewith. The senior most person among the Committee will be considered as the Chairman if there is any issue with the seniority of faculty members of the colleges.

Other details of the notification dated 11<sup>th</sup> April 2023 shall remain the same.  
This is issued with the approval of the Competent Authority.

(Dr. Mohan Kumar, SPAS)  
Registrar

Encl: As above dated April, 2023  
Copy to:

1. The Dean of Academic Affairs, SPU Mandi.
2. The Principal, All the Colleges affiliated to SPU Mandi.
3. All the Members of Board of Studies for various subjects.
4. PS to Hon'ble Vice Chancellor, SPU Mandi.
5. Guard file.

Signature

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| 16. English |                 |                 |                    |          |             |
|-------------|-----------------|-----------------|--------------------|----------|-------------|
| Sr. No.     | Name of Teacher | Designation     | University/College | Role     | Contact No. |
| 1           | Rakesh Rana     | Associate Prof. | GC Kullu           | Chairman | 70189 25929 |
| 2           | Randana Devi    | Asstt. Prof.    | GC Drang at Narla  | Member   | 94181 44330 |
| 3           | Iyotena         | Asstt. Prof.    | VGC Mandi          | Member   |             |

| 17. Botany |                 |              |                    |          |             |
|------------|-----------------|--------------|--------------------|----------|-------------|
| Sr. No.    | Name of Teacher | Designation  | University/College | Role     | Contact No. |
| 1          | Hitesh Kumar    | Asstt. Prof. | SPU Mandi          | Chairman | 98172 99188 |
| 2          | Tara Devi       | Asstt. Prof. | VGC Mandi          | Member   | 70181 27900 |
| 3          | Deepali Ashok   | Asstt. Prof. | VGC Mandi          | Member   | 94184 52617 |
| 4          | Jagdeep Verma   | Asstt. Prof. | SPU Mandi          | Member   | 70185 07515 |

| 18. Physical Education |                  |              |                    |          |             |
|------------------------|------------------|--------------|--------------------|----------|-------------|
| Sr. No.                | Name of Teacher  | Designation  | University/College | Role     | Contact No. |
| 1                      | Sandeep          | Asstt. Prof. | VGC Mandi          | Chairman | 94189 04595 |
| 2                      | Ravinder Kumar   | Asstt. Prof. | GC Baza (Gobar)    | Member   | 94181 29199 |
| 3                      | Ramkishan Gautam | Asstt. Prof. | MLSM Sundernagar   | Member   |             |
| 4                      | Lokesh Sharma    | Asstt. Prof. | SPU Mandi          | Member   |             |
| 5                      | Gurpreet Singh   | Asstt. Prof. | GC Kullu           | Member   |             |

| 19. History |                     |                     |                      |          |             |
|-------------|---------------------|---------------------|----------------------|----------|-------------|
| Sr. No.     | Name of Teacher     | Designation         | University/College   | Role     | Contact No. |
| 1           | Jaya Kumar          | Associate Professor | GC Dera at Lambhadra | Chairman | 94181 13670 |
| 2           | Rakesh Kumar Sharma | Asstt. Prof.        | SPU Mandi            | Member   | 94181 44330 |
| 3           | Mahesh Singh        | Asstt. Prof.        | VGC Mandi            | Member   | 94181 44330 |

| 18. Zoology |                 |                 |                    |          |             |
|-------------|-----------------|-----------------|--------------------|----------|-------------|
| Sr. No.     | Name of Teacher | Designation     | University/College | Role     | Contact No. |
| 1           | Sandeep Narang  | Associate Prof. | VGC Mandi          | Chairman | 94184 00595 |
| 2           | Gaurav Kapoor   | Asstt. Prof.    | SPU Mandi          | Member   | 98163 16401 |
| 3           | Rishabh Singh   | Asstt. Prof.    | GC Drang at Narla  | Member   | 94181 44330 |
| 4           | Berlin Thakur   | Asstt. Prof.    | SPU Mandi          | Member   | 70183 72966 |

| 19. Physical Education |                  |              |                    |          |             |
|------------------------|------------------|--------------|--------------------|----------|-------------|
| Sr. No.                | Name of Teacher  | Designation  | University/College | Role     | Contact No. |
| 1                      | Sandeep          | Asstt. Prof. | VGC Mandi          | Chairman | 94180 03334 |
| 2                      | Ravinder Kumar   | Asstt. Prof. | GC Baza (Gobar)    | Member   |             |
| 3                      | Ramkishan Gautam | Asstt. Prof. | MLSM Sundernagar   | Member   | 94183 79199 |

| 20. Applied Arts |                 |                 |                    |          |             |
|------------------|-----------------|-----------------|--------------------|----------|-------------|
| Sr. No.          | Name of Teacher | Designation     | University/College | Role     | Contact No. |
| 1                | Manish Sharma   | Associate Prof. | NIT Hamirpur       | Chairman | 98166 33910 |
| 2                | Jai Rand        | Asstt. Prof.    | BSPV Bonta         | Member   | 94181 00499 |
| 3                | Sharmila Sharma | Asstt. Prof.    | Drang at Narla     | Member   |             |

| 21. Physics |                 |              |                    |          |             |
|-------------|-----------------|--------------|--------------------|----------|-------------|
| Sr. No.     | Name of Teacher | Designation  | University/College | Role     | Contact No. |
| 1           | Ashish Kumar    | Asstt. Prof. | SPU Mandi          | Chairman |             |
| 2           | Ujjwal Singh    | Asstt. Prof. | GC Lambhadra       | Member   | 70180 43323 |
| 3           | Iyotena         | Asstt. Prof. | VGC Mandi          | Member   | 94181 32470 |
| 4           | Pragatish Singh | Asstt. Prof. | GC Surkhet         | Member   | 94054 72032 |

| 22. Microbiology |                 |              |                    |          |             |
|------------------|-----------------|--------------|--------------------|----------|-------------|
| Sr. No.          | Name of Teacher | Designation  | University/College | Role     | Contact No. |
| 1                | Prof. G. Kaur   | Professor    | SPU Mandi          | Chairman | 94180 05597 |
| 2                | Savitri         | Asstt. Prof. | SPU Mandi          | Member   | 94183 05589 |
| 3                | Berlin Thakur   | Asstt. Prof. | SPU Mandi          | Member   | 94180 04979 |

| 23. Public Administration |                 |                 |                    |          |             |
|---------------------------|-----------------|-----------------|--------------------|----------|-------------|
| Sr. No.                   | Name of Teacher | Designation     | University/College | Role     | Contact No. |
| 1                         | Anupam Singh    | Asstt. Prof.    | SPU Mandi          | Chairman |             |
| 2                         | Prakash Chandra | Associate Prof. | GC Sundernagar     | Member   | 70180 09908 |
| 3                         | Anil Kumar      | Asstt. Prof.    | VGC Mandi          | Member   | 94181 32111 |
| 4                         | Mahesh Singh    | Asstt. Prof.    | GC Surkhet         | Member   |             |

| 24. Sociology |                 |              |                    |          |             |
|---------------|-----------------|--------------|--------------------|----------|-------------|
| Sr. No.       | Name of Teacher | Designation  | University/College | Role     | Contact No. |
| 1             | Hir Chand       | Asstt. Prof. | NIT Hamirpur       | Chairman | 94189 78548 |
| 2             | Vinod Kumar     | Asstt. Prof. | VGC Mandi          | Member   | 94181 44330 |
| 3             | After Singh     | Asstt. Prof. | GC Drang at Narla  | Member   | 94181 44330 |

| 25. Mathematics |                    |                 |                    |          |             |
|-----------------|--------------------|-----------------|--------------------|----------|-------------|
| Sr. No.         | Name of Teacher    | Designation     | University/College | Role     | Contact No. |
| 1               | V.D. Sharma        | Professor       | NIT Hamirpur       | Chairman | 0197234126  |
| 2               | Vinod Kapoor       | Associate Prof. | VGC Mandi          | Member   | 94180 97894 |
| 3               | Son Kishore Sharma | Associate Prof. | GC Kullu           | Member   | 82199 22016 |

| 26. Geography |                   |              |                    |        |             |
|---------------|-------------------|--------------|--------------------|--------|-------------|
| Sr. No.       | Name of Teacher   | Designation  | University/College | Role   | Contact No. |
| 1             | Laxmi Devi Sharma | Asstt. Prof. | GC Dharambala      | Member | 98066 75265 |
| 2             | Shobhi Chander    | Asstt. Prof. | GC Dharambala      | Member | 98055 34656 |
| 3             | Shobhi Deep       | Asstt. Prof. | GC Kullu           | Member | 79732 49725 |

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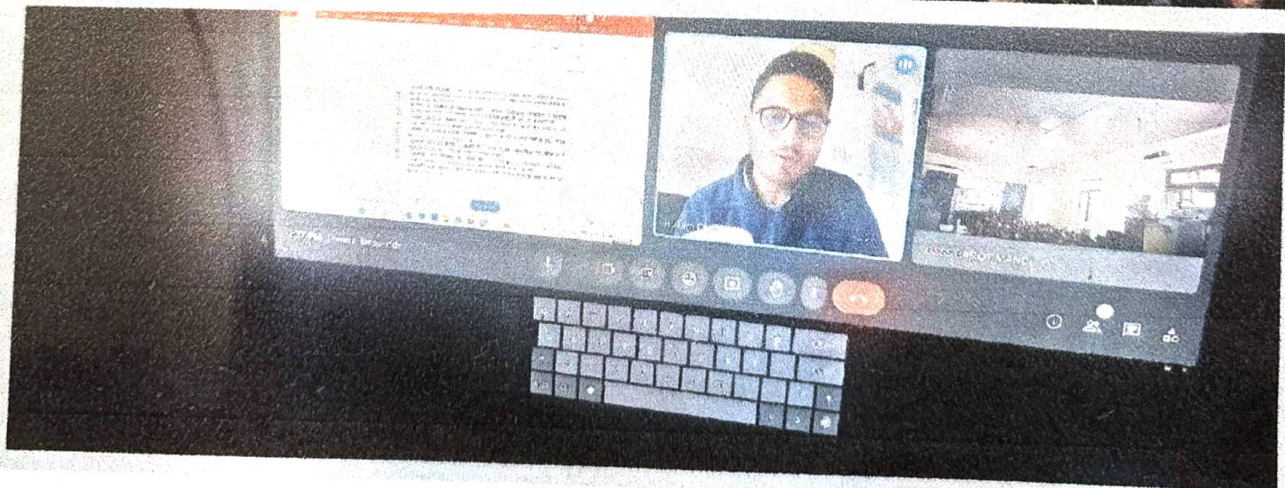
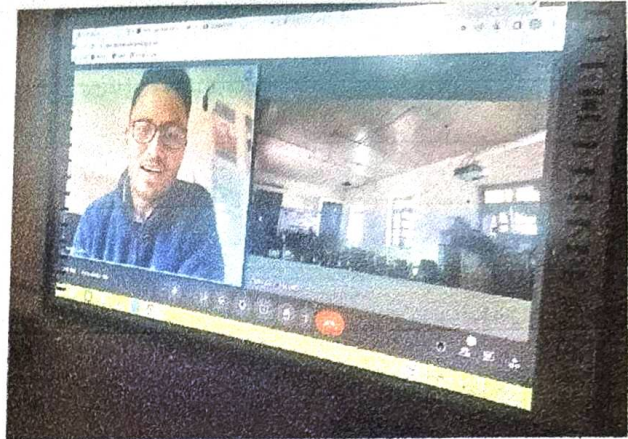
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## "Career Opportunities After 12th in Science" to the students of GSSS Barot"



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Adopted Schools



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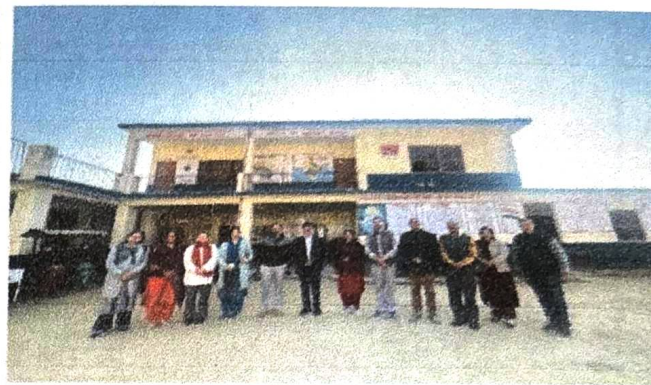
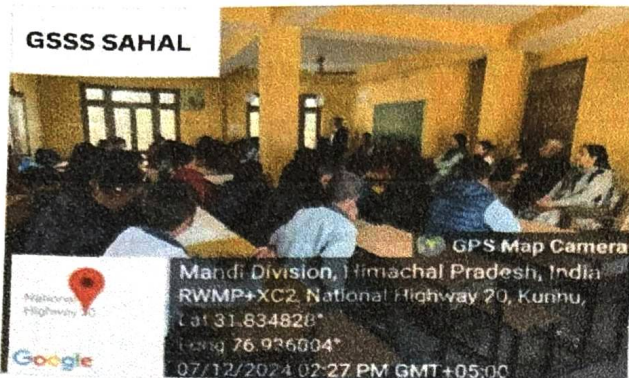
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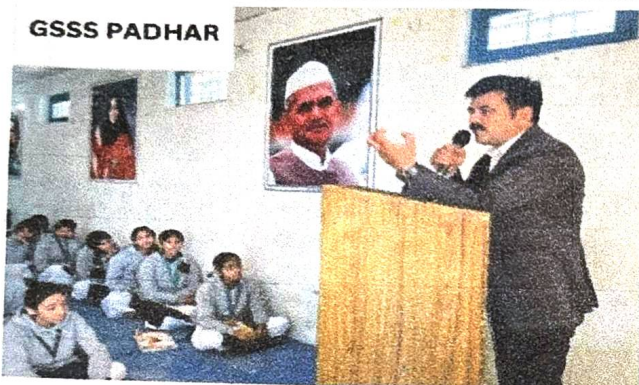
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GSSS SAHAL



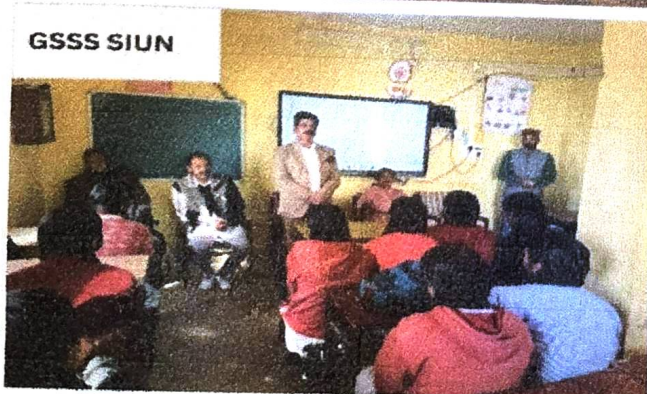
GSSS PADHAR



GSSS URLA



GSSS SIUN



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## चैस चैंपियनशिप में नारला कालेज को चौथा स्थान

पद्धर। ठाकुर जगदेव चंद मेमोरियल कॉलेज सुजानपुर टिहरा हमीरपुर में आयोजित इंटर कॉलेज शतरंज चैंपियनशिप प्रतियोगिता में महाविद्यालय द्रंग स्थित नारला की महिला टीम ने चौथा स्थान अर्जित कर महाविद्यालय का गौरव बढ़ाया। इस टीम में प्रथम वर्ष की छात्राएं दर्शना, गायत्री, प्रियंका और नेहा शामिल थी। प्रतियोगिता में गायत्री ने अपनी शानदार खेल प्रतिभा का प्रदर्शन करते हुए नेशनल ट्रायल्स तक पहुंचने में सफलता प्राप्त की, जो कि महाविद्यालय के लिए अत्यंत गर्व का क्षण था। यह प्रतियोगिता हिमाचल प्रदेश विश्वविद्यालय और सरदार पटेल विश्वविद्यालय से संबंधित महाविद्यालयों की 28 महिला टीमों के बीच आयोजित की गई थी। इस सातवें महिला शतरंज चैंपियनशिप में महाविद्यालय द्रंग की महिला टीम ने पहली बार भाग लिया, जबकि इससे पहले महाविद्यालय के पुरुष वर्ग के खिलाड़ी आदित्य ने नेशनल स्तर पर खेल चुके हैं। महाविद्यालय के प्राचार्य डा. कल्याण मंडोत्रा और समस्त प्राध्यापकों ने इस उपलब्धि पर छात्राओं को बधाई दी और उनके उज्ज्वल भविष्य की कामना की। इस प्रतियोगिता में टीम का नेतृत्व गणित की सहायक प्रोफेसर डा. आशा सिंह ने किया।

दिव्य हिमाचल

Sat, 19 October 2024

<https://epaper.divyahima>



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## Dr. Mamta Parmar Reviewer Certificate



**SPRINGER NATURE**

**REVIEWER  
CERTIFICATE**

**This certificate is awarded to**

**Dr. Mamta Thakur**

**in recognition of their contribution to**

**1 manuscript in 2024 for**

**Discover Applied Sciences**

09 December 2024



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portfolio



palgrave  
macmillan



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## Advancing freeze drying as an innovative technique for preserving Kashmiri saffron (*Crocus sativus* L.)

Version 1.1

**Journal** Scientific Reports

**Authors** Shubli Bashir, Syed Zameer Hussain, Nusrat Jan, Bazila Naseer, Tanweer Alam

**Abstract** This study evaluated the effect of different freeze-drying (FD) temperatures ( $-50^{\circ}\text{C}$ ,  $-60^{\circ}\text{C}$ ,  $-70^{\circ}\text{C}$ , and  $-80^{\circ}\text{C}$ ) on quality parameters of saffron stigmas. The physicochemical properties (moisture, ash content, and water activity), color profile, thermal stability, antioxidant capacity, total phenolic content, bioactive components (crocin, picrocrocin, and safranal), microstructure, and structural characteristics were analyzed. Moisture content (11.10–11.19%), water activity (0.533–0.542), and ash content (4.708–4.712%) showed non-significant differences across temperature, significant variations were observed in color parameters and antioxidant properties. FD at  $-80^{\circ}\text{C}$  for 44 hrs demonstrated superior preservation of color attributes ( $a^*=40.09$ ,  $b^*=17.43$ ), antioxidant capacity (69.63%), and total phenolic content (72.41 mg GAE/g). Although the effect on bioactive components was non-significant,  $-80^{\circ}\text{C}$  treatment showed optimal retention of crocin (90.14 mg/g), picrocrocin (9.48 mg/g), and safranal (1.80 mg/g). Thermogravimetric analysis revealed distinct stability patterns with  $-80^{\circ}\text{C}$  dried samples exhibited the highest thermal stability. Scanning electron microscopy revealed better structural preservation and less shrinkage at  $-80^{\circ}\text{C}$ , while FTIR spectroscopy confirmed molecular stability of bioactive compounds across all treatments. These findings suggest that FD at  $-80^{\circ}\text{C}$  for 44 hrs is optimal for preserving the quality attributes and bioactive components of saffron, offer a promising approach for producing shelf-stable and high quality saffron.

**Completed** 25 March 2025

  
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Govt. Degree College Drang  
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