

ANNUAL REPORT

RESEARCH CELL

SSJDWSSS Government Post Graduate College, Ranikhet (Almora), Uttarakhand
(Affiliated to Soban Singh Jeena University, Almora)

The Research Cell of Government Post Graduate College, Ranikhet functions as a key academic body dedicated to strengthening research culture, promoting scholarly excellence, and enhancing the quality of research output among faculty members and research scholars. The Cell plays a proactive role in encouraging high-quality publications, supporting research initiatives, and facilitating participation in state and national research programmes.

The Research Cell operates under the effective leadership of the following research committee

| | | |
|---------------------|---|---------------------|
| Dr. Pramod Joshi | : | Coordinator |
| Dr. Bharat Pandey | : | Co-Coordinator |
| Dr. Mahiraj Mehra | : | Member |
| Dr. Nidhi Sharma | : | Member |
| Dr. Garima Tamta | : | Member |
| Dr. Meena Pargai | : | UGC-JRF Coordinator |
| Dr. Ashtha Adhikari | : | UGC-JRF Member |
| Dr. Stuti Joshi | : | UGC-JRF Member |

Under their guidance, the Cell has successfully streamlined research activities, ensured academic monitoring of research scholars, and motivated faculty members towards impactful research contributions.

Research Scholars Status

At present, the institution has 96 registered research scholars enrolled across various science disciplines under approved research supervisors. The Research Cell regularly oversees research progress, emphasizes ethical research practices, and promotes publication in reputed peer-reviewed and indexed journals.

Faculty Achievement:

(1) Young Scientist Award


Dr. Nidhi Sharma, Assistant Professor, Department of Chemistry, was honored with the Young Scientist Award-2025 at 20th Uttarakhand State Science and Technology Conference-2025 (USSTC-2025) organized by Uttarakhand State Council and Technology (UCOST) at Graphic Era University (Deemed to be University) Dehradun, Uttarakhand. The award was conferred in recognition of her outstanding research contribution and effective oral presentation at the state-level scientific forum (*Highlighted in "Garhwal Post" newspaper (4th December, 2025)*).

10 Garhwal Post www.garhwalpost.in Dehradun, 4 Dec, 2025 Dehradun

Big push given to hill tourism in U'khand, Centre informs MP Ajay Bhatt in Lok Sabha

Garhwal Post Bureau

DEHRADUN, 3 Dec: MP from Nainital-Udhm Singh Nagar and former Union Minister Ajay Bhatt asked an unstarred question in the ongoing winter session of the Lok Sabha seeking details from the Ministry of Tourism regarding ongoing schemes and funds allocated for the development of mountain tourism circuits. In response, Union Tourism Minister Gajendra Singh Shekhawat informed the House that 76 projects had earlier been approved for mountain states under the Swadesh Darshan scheme. He added that Swadesh Darshan 2.0, along with the PRASHAD scheme aimed at the development and rejuvenation of pilgrimage sites and spiritual heritage, had also been sanctioned.



Shekhawat further revealed that, under the 2024-25 Union Government scheme titled 'Special Assistance to States for Capital Investment for the Development of Globally Recognised Tourism Centres', a total of Rs 3,295.76 crores had been approved for 40 projects across 23 states. The objective of this scheme is to undertake comprehensive development of prominent tourist destinations, along with global-level branding and marketing. Several projects sanctioned under various schemes of the Ministry also fall within mountain regions, including Uttarakhand.

Providing a detailed account of allocations to Uttarakhand, the Minister informed that Rs 34.77 crores had been released in 2015-16 for the integrated development of Kedarnath. In 2018-19, Rs 56.15 crores were sanctioned for creating pilgrimage-related infrastructure at Badrinath Dham, of which Rs 38.38 crores has been released. In 2021-22, an amount of Rs 54.36 crores was sanctioned for pilgrimage infrastructure at Gangotri and Yamunotri Dham, with Rs 10.5 crore released so far. For 2024-25, Rs 100 crores were approved for a rafting base station in Ribhikesh, of which an amount of Rs 66 crores has been sanctioned already. In 2023-24, an amount of Rs 19.89 crores was sanctioned for the Tea Garden Experience project in Champawat, with a total of Rs 1.99 crores already released, while Rs 17.86 crores were sanctioned for a rural tourism cluster experience at Gunji in Pithoragarh, of which Rs 1.79 crores has been released. Under the Mana Hut project of the Vibrant Village Programme, an amount of Rs 4.99 crores was sanctioned in 2024-25, with Rs 0.50 crore disbursed already, and Rs 17.5 crores were sanctioned for the development of the Kainchi Dham complex, of which an amount of Rs 1.76 crore has been released. Similarly, under the Vibrant Village Programme, Rs 4.99 crores were sanctioned for the development of the Zangung Festival Ground, with Rs 0.50 crore released. In 2016-17, Rs 76.32 crores were sanctioned for the integrated development of the Kumaon heritage circuit comprising Katarmal, Jageshwar, Baijnath and Devdihura, of which Rs 68.91 crores has been released. Likewise, in 2015-16, Rs 59.7 crores were sanctioned and fully released for adventure sports and tourism activities around Tehri Lake.

Shekhawat further shared that a total of Rs 1,726.74 crore has so far been allocated for the development of tourism circuits in Himalayan states across the country, out of which Rs 1,200.46 crore has already been released.

When the Hills Spoke Science: Ranikhet Students & Faculty Create History at UCOST Mega Events

Garhwal Post Bureau

RANIKHET, 3 Dec: Government PG College, Ranikhet, achieved an extraordinary milestone at the World Summit on Disaster Management (WSDM 2025) and the 20th Uttarakhand State Science & Technology Congress, held from 28 to 30 November in Dehradun. As reflected in the official UCOST and WSDM documents, the prestigious platforms brought together global experts, senior scientists, academicians, and young researchers through a series of technical sessions, workshops, exhibitions, and scientific presentations.

A proud moment for the Himalayan region came as two B.Sc. 5th semester students—Jyoti and Tanisha—presented their research work, becoming the first girl students from a remote Government college of Kumaon to reach such a prominent global forum. Adding further prestige to the institution, Dr Nidhi Sharma, Assistant Professor of Chemistry, received the Young Scientist Award in the Oral Presentation category at the 20th Uttarakhand State Science & Technology



Congress 2025-2026, marking a remarkable academic achievement for the college.

UCOST District Coordinator (Almora), Dr Bharat Pandey, said that initiatives like the Disaster Management Summit, the State Science Congress, and the SHE for STEM outreach are transforming scientific exposure in rural Himalayan belts. Expressing heartfelt gratitude to the SHE for STEM team, he stated, "I sincerely

thank Dr Darshana, Dr Bhuvan, Saurabh Joshi, and the entire SHE for STEM team for their outstanding efforts in empowering rural girls. Their initiatives have opened doors for young students from remote regions to step confidently on to national and global platforms."

Dr Bharat added that Director General UCOST, Prof Durgesh Pant, has played a visionary role in promoting inclusivity, innovation, and



equal scientific opportunity across Uttarakhand. "Prof Pant's leadership ensures that even students from the hills receive the same exposure and encouragement as those in major academic hubs. This achievement from Ranikhet stands as a shining example of his vision becoming reality," he noted.

Prof Pushpesh Pandey, Principal, Government P.G. College, Ranikhet, expressed immense pride, stating that

the accomplishments of girl students and a young faculty member from a remote hill region have brought great honour to the college. Faculty members also shared that this landmark achievement will serve as an inspiration for many more students—especially girls—to pursue national-level research, scientific conferences, and STEM careers with renewed confidence and determination.

(2) Mukhyamantri Uttkrisht Shodh Patra Prakashan Protsahan Yojana

The Research Cell reports that several faculty members were recognised under the prestigious scheme of Government of Uttarakhand for publishing in SCOPUS, Elsevier, and Springer etc. indexed journals.

Mukhyamantri Uttkrisht Shodh Patra Prakashan Protsahan Yojana Award-2025 (19th April 2025)

Chemistry: Dr. Prasoon Joshi

Zoology: Dr. Pramod Joshi

Physics: Dr. Sheetal Chauhan and Dr. Kiran Pant

Mukhyamantri Uttkrisht Shodh Patra Prakashan Protsahan Yojana Award-2025

(12th November, 2025) (Highlighted in "Garhwal Post" newspaper (9th January, 2026 and Nainital News, 11th January, 2026)

Botany: Dr. Prachi Joshi

Chemistry: Dr. Prasoon Joshi and Dr. Bharat Pandey

Zoology: Dr. Pramod Joshi

4 Garhwal Post www.garhwalpost.in Dehradun, 9 Jan, 2026 Dehradun

Research by Faculty of Govt PG College, Ranikhet, receives state recognition

Garhwal Post Bureau

RANIKHET, 8 Jan: Faculty members of Government Post Graduate College, Ranikhet, have been awarded state-level recognition for their research contributions under the Chief Minister's Excellence Research Paper Publication Incentive Scheme for the academic session 2025-26. The recognition has been announced through an official government order issued by the Department of Higher Education, Government of Uttarakhand.

As per the order, the research work undertaken by Dr. Bharat Pandey and Dr. Prasoon Joshi from the Department of Chemistry, Dr. Prachi Joshi from the Department of Botany, and Dr. Pramod Joshi from the Department of Zoology has been selected after evaluation by a panel of subject experts.

The scheme has been introduced to promote quality research among faculty members of colleges and universities across the state and to strengthen the culture of academic research in higher education. Published research papers in science disciplines were assessed on the basis of originality, relevance, and academic merit.

The selection of faculty members from multiple science departments reflects the consistent academic efforts and growing research orientation at Government PG College, Ranikhet. The achievement is expected to encourage students to actively engage in research and scientific inquiry.

Principal Prof. Pushpesh Pande congratulated the selected faculty members and stated that the recognition highlights the collective academic commitment of the institution. He expressed confidence that the college will continue to make meaningful contributions to research and higher education at the state and national levels.



खनस्यू-टांडा मोटरमार्ग में एसडीएम धारी ने की जांच

भाजपा मंडल अध्यक्ष युवा मोर्चा मदन परगाई ने मोटर मार्ग निर्माण में भ्रष्टाचार का लगाया आरोप



भीमताल। जन जन को सरकार जन-जन के द्वार पैटना में कार्यक्रम के बाद एसडीएम धारी अंशुल भट्ट ने प्रधानमंत्री ग्रामीण सड़क योजना खनस्यू - टांडा मोटरमार्ग में हो रहे दीवारों के निर्माण कार्य व पूर्व में कतराए गए पैच वर्क तथा कार्यों की गुणवत्ता की जांच की। इस दौरान एसडीएम ने कई खासियों को देखा और प्रधानमंत्री ग्रामीण सड़क योजना के

अधिकारियों को चेतावनी दी साथ ही एसडीएम ने लोगों की समस्याओं को भी सुना और उन्हें भरोसा दिया कि भ्रष्टाचार किसी भी हाल में बर्दास्त नहीं किया जाएगा। ग्राम प्रधान टांडा मदन परगाई ने एसडीएम अंशुल भट्ट को बताया कि यह और टांडा गांव के ग्रामीण प्रधानमंत्री ग्रामीण सड़क योजना के अधिकारियों को बताते बताते थक गए और परन्तु विभाग

कोई कभी कार्यवाही नहीं करता। मदन परगाई ने कहा कि उनका और गांव वालों का प्रधानमंत्री ग्रामीण सड़क योजना विभाग से भरोसा भी उठ गया क्योंकि यह ग्रामीणों को लगातार गुमराह करते हैं। ग्राम प्रधान मदन परगाई ने एसडीएम को बताया कि विभाग व ठेकेदार के द्वारा कराया गया पैच वर्क कार्य तीन दिन भी नहीं ठिक पाया और दीवारों के निर्माण कार्य में 20 कट्टे रेत में 1 कट्टे सीमेंट का प्रयोग किया जा रहा है। साथ ही दीवारों की चौड़ाई भी मनमाने तरीके से बना दे रहे हैं और फजर के स्थान पर मिट्टी भर दी जा रही है। मदन परगाई ने बताया कि एसडीएम के आने को सूचना मिलने पर विभाग द्वारा स्वयं ही एक दीवार को तुड़वा दिया गया जो कि बहुत ही खराब तरीके से बनाई गई थी। ग्राम प्रधान टांडा मदन परगाई ने कहा कि वह किसी भी हाल में गलत कार्य नहीं करने देना चाहते भविष्य में गलत कार्यों के लिए उन्हें विभाग के खिलाफ धरने पर ही क्यों ना बैरतन पड़े। इस दौरान ग्रामीण रमेश परगाई, राजन परगाई, आनंदी देवी, किशन परगाई, अर्जुन, मोहन बोगरा, रामेंद्र बोगरा, सूरज सिंह, मनीष बोगरा, विमल देवी, हिमांशु, विनोद, उमेश परगाई, मायाराम सीतल दर्जनों ग्रामीण उपस्थित रहे।

पेयजल आपूर्ति में लापरवाही बर्दाशत नहीं : डीएम

अल्मोड़ा। डीएम अंशुल सिंह ने जिले में पेयजल आपूर्ति को निर्बाध रूप से संचालित करने, पेयजल की गुणवत्ता बनाए रखने तथा आगामी ग्रीष्मकाल में संभावित जल संकट के समाधान के लिए विभागीय अधिकारियों के साथ बैठक की। डीएम ने कहा कि पेयजल आपूर्ति से जुड़े कार्यों में लापरवाही कतई बर्दाशत नहीं की जाएगी। सभी अधिकारी समयबद्ध एवं जिम्मेदारी के साथ अपने दायित्वों का निर्वहन करें। बैठक में डीएम ने निर्देश दिए कि सभी विभाग आपसी समन्वय के साथ कार्य करें तथा पेयजल योजनाओं की नियमित मॉनिटरिंग सुनिश्चित की जाए। कहा कि ग्रीष्मकाल में पेयजल की मांग बढ़ जाती है, ऐसे में पूर्व से ही कार्ययोजना तैयार कर आवश्यक व्यवस्थाएं सुदृढ़ की जाएं, ताकि आम जनता को किसी प्रकार की असुविधा न हो। डीएम ने पेयजल की गुणवत्ता पर विशेष ध्यान देने के निर्देश देते हुए कहा कि जल स्रोतों एवं आपूर्ति लाइनों की नियमित जांच कराई जाए तथा किसी भी प्रकार की शिकायत का त्वरित समाधान किया जाए। साथ ही क्षतिग्रस्त पाइप लाइनों की शीघ्र मरम्मत, वैकल्पिक जल स्रोतों की पहचान तथा टैंकर व्यवस्था को प्रभावी रखने के भी निर्देश दिए गए। डीएम ने जल जीवन मिशन के कार्यों को लेकर भी आवश्यक दिशा-निर्देश दिए। बैठक में पेयजल निगम, जल संस्थान एवं सिंचाई विभाग के अधिकारी मौजूद रहे।

रानीखेत के चार शिक्षकों को मुख्यमंत्री उत्कृष्ट शोध पत्र योजना में राज्यस्तरीय सम्मान

रानीखेत। उच्च शिक्षा विभाग, उत्तरखण्ड शासन द्वारा शैक्षणिक सत्र 2025-26 के लिए लागू मुख्यमंत्री उत्कृष्ट शोध पत्र प्रकाशन प्रोत्साहन योजना के अंतर्गत राजकीय आलकोर महाविद्यालय, रानीखेत के चार शिक्षकों को राज्य स्तर पर सम्मानित किया गया है। यह उपलब्धि न केवल महाविद्यालय, बल्कि समूचे क्षेत्र के लिए गौरव का विषय मानी जा रही है। योजना के अंतर्गत महाविद्यालय के रसायन विज्ञान विभाग से डॉ. भाव पांडेय एवं डॉ. प्रमन जोशी, वनस्पति विज्ञान (बोटनी) विभाग से डॉ. प्राची जोशी तथा प्राणी विज्ञान (जूलॉजी) विभाग से डॉ. प्रमोद जोशी के शोध कार्यों को उत्कृष्ट

श्रेणी में चयनित किया गया है। चयनित शोध पत्रों का मूल्यांकन विषय-विशेषज्ञों की समिति द्वारा किया गया। मुख्यमंत्री उत्कृष्ट शोध पत्र प्रकाशन प्रोत्साहन योजना का उद्देश्य राज्य के महाविद्यालयों एवं विश्वविद्यालयों में गुणवत्तापूर्ण शोध को प्रोत्साहित करना तथा अकादमिक शोध संस्कृति को सुदृढ़ करना है। इस योजना के माध्यम से विशेष रूप से विज्ञान विषयों में किए जा रहे नवाचारी और प्रभावी शोध कार्यों को मान्यता दी जाती है। राजकीय आलकोर महाविद्यालय, रानीखेत से विभिन्न विज्ञान विषयों के शिक्षकों का इस योजना में चयन यह स्पष्ट करता है कि महाविद्यालय में शोध, नवाचार और अकादमिक उत्कृष्टता का खातबरेप लगातार सशक्त हो रहा है। यह उपलब्धि न केवल शिक्षकों के लिए सम्मानजनक है, बल्कि विद्यार्थियों के लिए भी प्रेरणा का स्रोत है। इस अवसर पर महाविद्यालय के प्रधानाचार्य प्रो. पुष्पेश पांडे ने चयनित सभी शिक्षकों को बधाई देते हुए कहा कि यह सफलता महाविद्यालय की मजबूत शैक्षणिक परंपरा, सतत शोध प्रयासों और सामूहिक अकादमिक सहयोग का परिणाम है। उन्होंने विश्वास व्यक्त किया कि आने वाले समय में भी महाविद्यालय राज्य एवं राष्ट्रीय स्तर पर शोध के क्षेत्र में अपनी विशिष्ट पहचान बनाए रखेगा।

**Department wise List of Research Papers/ Book Chapters/Patents/ Thesis submitted by
Faculties**

Department of Botany

| S. No. | Name of Faculty | Details of research paper/book chapter published |
|--------|-------------------------|--|
| 1. | Dr Prachi Joshi | <ol style="list-style-type: none"> 1. Binwal, N., Joshi, P., Tewari, S. D. and Kandpal, M., Insecticidal activity of leafy liverworts, <i>Heteroscyphus hyalinus</i> (Steph.) A. Srivast. & S.C. Srivast. and <i>Plagiochila asplenioides</i> (L.) Dum. against, <i>Sitophilus granarius</i> Linn. - a common wheat weevil, <i>Vegetos</i>, 2025, https://doi.org/10.1007/s42535-025-01390-z 2. Joshi, H., Subrat Sharma, S. and Joshi, P., Sustainability of Agropastoralism in Highlands of the Trans-Himalaya: Transformation in 200 Years, <i>Curr Agri Res</i> 2024; 12(3). https://doi.org/10.12944/CARJ.12.3.30 |
| | Thesis Submitted | |
| 1. | | <p>“<i>Bryoexploration of selected forest types along an altitudinal gradient in Kumaun Himalaya</i>” Submitted by Richa Arya, 2025, Supervisor name – Dr. S. D. Tewari and Dr Prachi Joshi</p> |
| 2. | | <p>“<i>Bryophytic Exploration and Conservation of Rare Hepatics in and Around Mukteshwar Area of District Nainital</i>” Submitted by Sapna Pant, 2025, Supervisor name – Dr. S. D. Tewari and Dr Prachi Joshi</p> |
| 3. | | <p>“<i>Studies on Fungicidal and Insecticidal Activities of Selected Bryophytes in Kumaun Himalaya</i>” Submitted by Neha Binwal, 2025, Supervisor name – Dr Prachi Joshi and Dr. S. D. Tewari</p> |
| 4. | | <p>“<i>Bryo-exploration in and around Gairsain area, Uttarakhand</i>” Submitted by Neha Kohli, 2025, Supervisor name – Dr. L. M. Tewari, Dr Prachi Joshi and Dr. S. D. Tewari</p> |

Department of Chemistry

| S. No. | Name of Faculty | Details of research paper/book chapter published |
|--------|--------------------------------|---|
| 1. | Dr Prasoon Joshi (Head) | <ol style="list-style-type: none"> 1. P. Arya, M. Karakoti, P. K. Joshi, and R. Tewari, Essential Oil Composition and in vitro Antifungal Activities of Essential Oil of Aerial Part of <i>Ocimum americanum</i> L. Collected from Kumaun Region of India, <i>Asian Journal of Chemistry</i>, 2025, 37(5), 1069-1074, https://doi.org/10.14233/ajchem.2025.33564 2. M. Karakoti, P. Arya, G. Tewari, S. Tandon and P. K. Joshi, Chemical profiles and antioxidant activity of <i>Boenninghausenia albiflora</i> (Hook.) Reichb collected from Kumaun and Garhwal Himalayas of Uttarakhand, |

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| 3. | Dr Rashmi Rautela | <p>1. Rashmi Rautela and Sapna Bora, <i>Synthesis and Antifungal Activity of Some Bis-1,4-(3-Mercapto-5-Oxymethyl-1,2,4-Triazole-5-yl) Benzene & Bis-1,4-(5-Amino-2-Oxymethyl-1,3,4-Thiadiazole-2-yl) Benzene</i>, <i>International Journal of Agrochemistry</i>, 2025, 11(2), 9-15. https://doi.org/10.37628/ija.v11i02.19409</p> |
| 4. | Dr Nidhi Sharma | <p>1. Avraham Bar-Hen, Ronen Bar Ziv, Paz Stein, Nidhi Sharma, Maya Bar Sadan, "Constructing novel Sn-Mo bimetallic sulfide heterostructures for enhanced catalytic performance towards the hydrogen evolution reaction." <i>FlatChem</i>. 2024, 47, 2452-2627. https://doi.org/10.1016/j.flatc.2024.100721</p> |
| 5. | Dr Garima Tamta | <p>1. Aayasha Negi, Garima Tamta, Minakshi Pandey, Arif Khan, Mohamed Taha Yassin, Fatimah O. Al -Otibi, Nisha Mehra, "Exploring Antidiabetic and Antibacterial Potential of Ag/MgO-NCs Mediated via <i>Ficus auriculata</i> Experimental and Computational Analysis", <i>Inorganic Chemistry Communication</i>, 2024, 171, 113550, https://www.sciencedirect.com/science/article/pii/S1387700324015405</p> <p>2. Nisha Mehra, Garima Tamta, Manish Pant, Neelam Chantola, Viveka Nand, <i>Chemical Constituents, Insecticidal Activity, Herbicidal Potential and Soft Computing Analysis in <i>Foeniculum vulgare</i> Mill. (Fennel): A Bioherbicide</i>, <i>Journal of the Mexican Chemical Society</i>, 2025, 69, 368-383. https://www.jmcs.org.mx/index.php/jmcs/article/view/2075/1563</p> |

| S. No. | Name of Faculty | Details of Patents published |
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| 1. | Dr Bharat Pandey | <ol style="list-style-type: none"> Dr Bharat Pandey, Dr Surendra Vikram Singh Padiyar and Dr Sharad Chandra Mishra, “<i>Natural Resources Finding Device</i>”, Intellectual Property India, Design No.402093-001, dated 25/01/2024. Dr Surendra Vikram Singh Padiyar, Dr Vipin Chandra, Dr Vipin Chandra Kuraie, Dr Bharat Pandey, Mamta Adhikari, Deepa Makholia and Amit Kumar, “<i>Wheel Chair Cum Four-Wheelervehicle</i>”, Intellectual Property India, Design No.407294-001, dated 10/04/2024. Dr Rabindra Singh Negi, Dr Chandra Pal Singh, Dr Promod Joshi, Dr B. P. Pokhriyal, Dr. Manoj Joshi, Dr. Vivek Kumar, Dr Surendra Vikram Singh Padiyar, Dr Bharat Pandey, Gopal Singh Gauniya, “<i>AI Based Data Stimulation Device</i>”, Intellectual Property India, Design No.436459-001, dated 30/01/2025. |

Department of Physics

| S. No. | Name of Faculty | Details of research paper/book chapter published |
|--------|---------------------------------|---|
| 1. | Dr Shital Chauhan (Head) | <ol style="list-style-type: none"> Km. Alka, Shital Chauhan, Sandeep Singh, P.K. Siwach, H.K. Singh, “Tensile strain-induced disorder and weak localization in SrRuO₃ thin films on (100) KTaO₃ substrates”, <i>Physica Scripta</i>, 2025, 99, 125957. https://doi.org/10.1088/1402-4896/ad8e06 Shital Chauhan, Rajat Kumar, Prateek Sharma, V.K. Bisht, D.K. Upreti, “Perovskites for Sustainable Development”, <i>Science and Technology for Sustainable Development</i>, Dnyanjyot Publication, ISBN: 978-81-968308-7-8 (2024). |
| 2. | Dr Kiran Pant | <ol style="list-style-type: none"> Kiran Pant and Pratibha Fuloria, “Analysis of Relativistic astrophysical configuration governed by linear equation of state”, <i>International journal of modern physics</i>, 2024, 18, 4. Kiran Pant and Pratibha Fuloria, “A comprehensive analysis of anisotropic stellar objects quadratic equation of state”, <i>Pramana, J. Phys.</i> 2024, 98, 158. https://doi.org/10.1007/s12043-024-02846-8. Kiran Pant, “The cosmological models of universe”, <i>Informatics Books and Journals</i>, ISBN: 978-81-987711-2-4 (2025). |
| 3. | Dr Stuti Joshi | <ol style="list-style-type: none"> M. Morisse, Stuti Joshi, J. Mika, JCC Capella, R. Kaiser, R. Bachelard, L Slodička, M. Hugbart, “<i>Temporal coherences of atomic chaotic light sources: The Siegert relation and its generalisation to higher-order correlation functions</i>”, |

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Department of Zoology

| S. No. | Name of Faculty | Details of research paper/book chapter published |
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| 1. | Dr Deepa Pandey (Head) | <ol style="list-style-type: none"> Thapliyal, V., Kumari, J., Verma, R., Jabi, S., & Pandey, D. <i>Seabuckthorn Hippophae rhamnoides</i>: A Miracle Shrub to Combat Environmental Shift. <i>Defence Life Science Journal</i>, 2025, 10(4), 325-339. https://doi.org/10.14429/dlsj.21475 Shilpa, Pandey, D., & Kumar, S., Preliminary checklist of Butterflies recorded in four blocks of Chamoli District, Uttarakhand, India. <i>Journal of Entomology and Zoology Studies</i>, 2025, 13(2), 25-30. https://doi.org/10.22271/j.ento.2025.v13.i2a.9470 Rawat, N., Pandey, D., Pandey N., & Shilpa, Critical impact of insect pests on the nutritional and agricultural significance of small millets in the Kumaun Himalayas. <i>Journal of Entomology and Zoology Studies</i>, 2025, 13(4), 37-40. https://doi.org/10.22271/j.ento.2025.v13.i4a.9538 Shilpa, Pandey, D., & Kumar, S. Investigation of Butterfly Species in Gairsain block of Chamoli District, Uttarakhand, India. <i>International Research Journal of Biological Sciences</i>, 2025, 14(4), 11-17. ISSN: 2278-3202. https://www.isca.me/IJBS/Archive/v14/i4/2.ISCA-IRJBS-2025-021.php Rawat, N., Pandey, N., Joshi, A., & Pandey, D. Influence of Climate Change on Himalayan Ecosystem: A Review. <i>Climate Change Impact on Himalayan Biodiversity</i>, 2025, 415-424. https://link.springer.com/chapter/10.1007/978-3-031-77149-1_19 Kunwar, S., Sah, K., Joshi, A., Pandey, D., & Pandey, N. Incentivizing Plant Metabolomics on Biotic Stress by Biocontrol Agents. In <i>Bio-control Agents for Sustainable Agriculture: Diversity, Mechanisms and Applications</i>. 2025, 311-326. eBook ISBN: 978-981-96-3232-9. https://link.springer.com/chapter/10.1007/978-981-96-3232-9_13 |
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| 3. | Dr. Apurva Joshi | <ol style="list-style-type: none"> 1. Joshi. A., Goswami. D., & Verma. R., Investigating the Diversity and Taxonomy of Aquatic Insects in Surface Drinking Water Sources of Pithoragarh, Uttarakhand, India. <i>International Journal of Zoological Investigations</i>, 2024, 10(2), 256-269. DOI: 10.33745/ijzi.2024.v10i02.026 2. Joshi A., Goswami D. and Verma R., A Comprehensive Evaluation of Potability Standards of Surface Drinking Water Sources in Pithoragarh City, Uttarakhand. <i>Bull. Env. Pharmacol. Life Sci.</i>, 2024, 13 (5), 04-12. https://bepls.com/beplsapril2024/2a.pdf. |
| S. No. | Name of Faculty | Details of Patents published |

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| | Dr Pramood Joshi | 1. Dr Rabindra Singh Negi, Dr Chandra Pal Singh, Dr Promod Joshi , Dr B. P. Pokhriyal, Dr. Manoj Joshi, Dr. Vivek Kumar, Dr Surendra Vikram Singh Padiyar, Dr Bharat Pandey, Gopal Singh Gauniya, “ <i>AI Based Data Stimulation Device</i> ”, Intellectual Property India, Design No.436459-001, dated 30/01/2025. |
| | <i>Thesis Submitted</i> | |
| 1. | | “ <i>Ichthyofaunal diversity of Baor reservoir in district Udham Singh Nagar Uttarakhand India</i> ”. Submitted by Reeta Joshi, 22 July 2025, Supervisor name – Dr Promod Joshi |
| 2. | | “ <i>Helminth parasites and their ecological variation in(cyprind fishes major available species) of mahakali river system</i> ”. Submitted by Yagya Raj Joshi, 22 September 2025, Supervisor name- Dr Promod Joshi |
| 3. | | “ <i>Eco biological studies of river kosi in Districts Nainital and udham Singh Nagar Uttarakhand</i> ”. Submitted by Ravi Gola, 20 September 2025, Co-Supervisor name – Dr Promod Joshi |

Department of English

| S. No. | Name of Faculty | Details of research paper/book chapter published |
|--------|------------------------------|---|
| 1. | Dr Nidhi Pande (Head) | <p>1. Paper Title: Women Representation And the quest for Identity in Namita Gokhale’s Fiction Name of the Journal: Journals of Fundamental & Comparative Research UGC Care listed Journals, ISSN: 2277-7067, Impact Factor: 4.95 Date of Publication:05/06/2024</p> <p>2. Paper Title: Inner World of Women: With Special Reference to Anita Desai and Tony Morrison Name of the Journal: American Journal of Language, Literacy and Learning in STEM Education ISSN: 2993-2769, Impact Factor: 6.5 Date of Publication: 12/09/2025</p> <p>3. Paper TitleThe Himalayan Mythscape:Indigenous Myths,Folklore And Sacred Geography In Gokhale’s Writing Name of the Journal: International Journal of Research-Granthaalayah, ISSN: 2350-0530(0) ISSN:2394-3629 Impact Factor: 8.276, Date of Publication:31-12-2025</p> <p>4. Book: A Critical Handbook of English Fiction Chapter Title:Indo-English Fiction in New Perspectives ISBN NO:978-81-968422-3-9, pages:285-292</p> <p>5. Book: Business And Communication Skills Chapter Title: Artificial Intelligence ISBN NO:978-81-983709, pages:150-185</p> |

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| 2. | Dr Barkha Rautela | <p>1. Paper Title: Building Identity from Broken pieces: An Exploration of Resilience in Laxmi Narayan Tripathi's "Me Hijra, Me Laxmi" Name of the Journal: सामाजिकनिर्वचन ISSN: 2348-2222, Impact Factor: 5.54 Date of Publication: 01/06/2024 (approved) January-June 2024</p> <p>2. Paper Title: Unveiling the Layers: Exploring Identity and Maternity in Suniti Namjoshi's The Mother of Maya Dipp Name of the Journal: International Journal of English Literature and Social Sciences ISSN: 2456-7620, Impact Factor: 6. Date of Publication: 10/11/2024 (approved) Nov-Dec 2024</p> <p>3. Paper Title: A Scrutiny of Nilima Sinha's Mystery of the Falling Mountains Concerning Young Adult Fiction Name of the Journal: NOTIONS ISSN: 0976-5247 (P) 2395-7239 (e) Factor: 8.89, Date of Publication: 01/12/2024 (approved) December 2024</p> <p>4. Paper Title: Narrating the Wild: Environmental Ethics in Indian English Young Adult Adventure Fiction with Reference to Deepak Dalal's Viram-Aditya Adventure Series Name of the Journal: NOTIONS ISSN: 0976-5247 (P) 2395-7239 (e) Impact Factor: 8.89 Date of Publication: 24/12/2025 (approved) July-December 2025 edition</p> <p>5. Paper Title: Literary Echoes on Human-Animal Coexistence in the Works of Ruskin Bond: An Ecological Perspective Name of the Journal: Review Journal of Philosophy and Social Sciences ISSN: 0258-1701 (P) 2454-3403 (e), Impact Factor: 8.8 Date of Publication: 14/09/2025 (approved), April-September 2025 edition</p> <p>6. Paper Title: Existential Undertone and Inner Monologue in Arun Joshi's <i>The Foreigner</i> Name of the Journal: Review Journal of Philosophy and Social Sciences ISSN: 0258-1701 (P) 2454-3403 (e) Impact Factor: 8.8 Date of Publication: 20/09/2025 (approved), April-September 2025 edition</p> |
| 3. | Dr Himani Negi | <p>1. Paper Title: A Black Feminist Analysis of Jacqueline Woodson's American Black Young Adult Fiction Name of the Journal: Rock Pebbles A Peer Reviewed Journal of Arts & Humanities, R.N.I.NO.48173/89, ISSN: 0975-0509, E-ISSN: 2230-8954, DECEMBER: 2025, VOL: XXIX no.IV. Page No: 167</p> <p>2. Book: A Critical Handbook of English Fiction</p> |

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| | | <p>Chapter Title: An Appreciative Criticism of English Literature ISBN No:978-81-968422-3-9, Page No:247-283</p> <p>3. Book: Business And Communication Skills Chapter Title: Collaborative Skills ISBN NO:978-81-983709, Page No:281-455</p> |
| | <i>Thesis Submitted</i> | |
| 1. | Submitted by Vasundhara Laspal, 02 August 2025, Supervisor name – Dr Barkha Rautela | |
| 2. | Submitted by Gopal Mandal, 07 January 2026, Supervisor name – Dr Barkha Rautela | |

Department of Commerce

| S. No. | Name of Faculty | Details of research paper/book chapter published |
|--------|------------------|--|
| 1. | Dr Nishta Sharma | <p>1. Chapter Title: The Influence of E-Commerce expansion on Local enterprises in India: An Examination of Uttarakhand. Book Title: Vocal for Local: Bridging Markets, Communities and Sustainable Growth (Vol. 2). Publisher: Pacific Books International. Year of Publication: 2025, Page Range: 120–128. ISBN-13: 978-9348285720.</p> |

Department of Hindi

| क्रम संख्या | पत्रिका का नाम एवं संपादक प्रकाशक/ | शोध शीर्षक एवं पृष्ठ संख्या | प्रकाशन वर्ष | ISSN/ISBN No. | इम्पैक्ट फैक्टर |
|-------------|---|---|----------------------------------|----------------------|-----------------|
| 1. | आलोचना त्रैमासिक नामवर सिंह UGC-CARE Listed Group 1 | दिनकर के काव्य साहित्य में धर्म और दर्शन की अभिव्यक्ति 85-91 | अंक -65 भाग-3 ,2024 | ISSN NO. - 2231-6329 | 5.7 |
| 2. | सैद्धान्तिकी पियर रिव्यू एंड | हिंदी साहित्य में गांधीवादी विचारधारा:एक | वर्ष:18,अंक:1, जनवरी-मार्च, 2025 | ISSN NO. - 0974-8504 | 5.150 |

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| | <p>रेफ्रीड</p> <p>बहुविषयक द्वि भाषी जर्नल</p> <p>डॉ माला मिश्र,डॉ एस०लिंगमूर्ति</p> <p>अलका पब्लिकेशन,पॉकेट -5,मयूर विहार,फेज-1 दिल्ली</p> | <p>अनुचिंतन</p> <p>212-216</p> | | | |
| 3. | <p>दृष्टिकोण</p> <p>डॉ अश्वनी महाजन</p> <p>प्रीवियसली केअर लिस्टेड जर्नल हिंदी भाषा</p> | <p>लोक संस्कृति के हस्तांतरण में मातृ भाषा कुमाऊनी की आवश्यकता :एक अध्ययन</p> <p>157-162</p> | <p>वर्ष- 17,अंक:1,जन वरी- फरवरी,2025</p> | <p>ISSN NO. - 0975-119X</p> | 5.051 |
| 4. | <p>हिंदी में विज्ञान लेखन एवं लोक विज्ञान</p> <p>डॉ निर्मला ढेला बोरा</p> <p>अद्वैत प्रकाशन ई -17,पंचशील गार्डन,नवीन</p> | <p>कुमाऊनी लोक साहित्य में पर्यावरणीय चेतना</p> <p>134-138</p> | <p>प्रथम संस्करण: 2025</p> | <p>ISBN NO. - 978-93- 95226-24-0</p> | - |

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| | शाहदरा,दिल्ली | | | | |
| 5. | <p>भारतीय ज्ञान प्रणाली:एक शाश्वत गंग धारा</p> <p>डॉ सुगंधा जैन,डॉ जगदम्बा प्रसाद</p> <p>जे०टी०एस०पब्लि केशन</p> <p>वी-508, गली नंबर 17, विजय पार्क दिल्ली</p> | <p>भारतीय संगीत और कलाओं की परंपरा:हिंदी साहित्य</p> <p>161-168</p> | <p>प्रथम संस्करण:अगस्त, 2025</p> | <p>ISBN NO. - 978-93-48110-43-5</p> | - |

Department of History

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| Dr Deepa Pande | |
| 1 | समकालीन हिंदी पत्रकारिता में महिलाओं की भूमिका का प्रतिबिम्बन (सविनय अवज्ञा आन्दोलन के विशेष सन्दर्भ में), Shodh-sanchar Bulletin, 2025, ISSN-2229-3620, Peer Reviewed |
| 2 | श्री कैंची धाम के वर्तमान स्वरूप का विकास, अंतर राष्ट्रीय हिंदी एवं सामाजिक विज्ञान शोध पत्रिका, 2025, ISSN-2348-2605 |
| Dr Mahiraj Mehra | |
| | समकालीन हिंदी पत्रकारिता में महिलाओं की भूमिका का प्रतिबिम्बन (सविनय अवज्ञा आन्दोलन के विशेष सन्दर्भ में), Shodh-sanchar Bulletin, 2025, ISSN-2229-3620, Peer Reviewed |

| Dr Pankaj Priyadarshi | |
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| 1 | समकालीन हिंदी पत्रकारिता में महिलाओं की भूमिका का प्रतिबिम्बन (सविनय अवज्ञा आन्दोलन के विशेष सन्दर्भ में) Shodh-sanchar Bulletin, 2025, ISSN-2229-3620 Peer Reviewed |
| 2 | जय दत्त वैला का स्वतंत्रता आंदोलन में योगदान, भारत के स्वाधीनता संग्राम में उत्तराखंड का योगदान, 2024, 9788179882702, Seminar Proceedings |
| 3 | उत्तराखंड : कृषि क्रांति का इतिहास (व्यावसायिक कृषि के विशेष सन्दर्भ में), भारत के स्वाधीनता संग्राम में उत्तराखंड का योगदान, 2024, 9788179882702, Seminar Proceedings |
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| 2. | “अल्मोड़ा में वैद्य परंपरा का ऐतिहासिक अध्ययन”, Submitted by Harsh Prakash, 2025, Supervisor name-Dr Mahiraj Mehra |

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Music Department (Research paper/Thesis)

| s.no | Name | Research/Thesis | Topic | Date |
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| 1. | Dr. Nirmala Joshi | <ul style="list-style-type: none"> ● कलावसुधा ● वेदांजली | <p>उत्तराखण्ड की रामलीला का विवचनात्मक अध्ययन</p> <p>लोक गाथाओं का सांगीतिक विवेचन—कुमाऊँनी लोक गाथाओं के विशेष संन्दर्भ में</p> | <p>Jan – March 2025</p> <p>Jan – June 2025</p> |
| 2. | Dr. Mukul kumar | - | - | |
| 3. | Dr. Kiran | कलावसुधा | उत्तराखण्ड की रामलीला का विवचनात्मक अध्ययन | Jan – March 2025 |