



GOVT. P.G. COLLEGE FOR WOMEN, ROHTAK



RESEARCH AND DEVELOPMENT CELL

Annual Report of Research and Development Cell (2024–25)

Convener: Prof. Veena Sachdeva

Members: Prof. Pool Kumar, Dr. Pradeep K. Duhan, Dr. Rajesh, Dr. Sonika, Dr. Ekta

The Research and Development Cell at Government Post Graduate Women's College, Rohtak, remained committed to promoting a vibrant research culture and equipping students and faculty with the skills necessary for scholarly excellence. During the academic year 2024–25, the Cell organized impactful events fostering research orientation, digital literacy, and sustainable development.

Under the guidance of Convener Prof. Veena Sachdeva and with the active involvement of all members, the Research and Development Cell made significant strides in promoting academic skill development and research excellence. The activities conducted this year reflect the Cell's commitment to empowering students with both technical competencies and an environmentally responsible research outlook.

Report on the Two-Day Workshop: "Mastering Basic Computer Skills for Writing Effective Research Papers and Presentations"

The Research and Development Cell at Government Postgraduate College for Women, Rohtak, successfully organized a two-day workshop titled "Mastering Basic Computer Skills for Writing Effective Research Papers and Presentations: MS Word, PowerPoint, and Excel" on October 21-22, 2024. The workshop aimed to equip students with essential computer skills necessary for academic writing and presentations.

Dr. Joginder Singh, Assistant Professor at Government College for Women, Lakhna Majra, served as the resource person for this workshop. He delivered insightful sessions on the functionalities and practical applications of MS Word, PowerPoint, and Excel, emphasizing their importance in research and academic presentations.

The second day of the workshop saw approximately 120 enthusiastic students participate in two interactive sessions. Dr. Savita Thakran expressed her gratitude to the chief guest and encouraged students to take full advantage of the valuable knowledge being shared. The workshop successfully achieved several key outcomes: Enhanced Skills with hands-on experience on MS Word, PowerPoint, and Excel, learning how to create effective research papers and impactful presentations; Increased Confidence to utilize software tools for their academic work. The event facilitated interaction among students and faculty, fostering a collaborative academic environment. The workshop was a resounding success, providing students with critical skills that will aid them in their academic journeys.





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छात्राओं को एमएस वर्ड की जानकारी दी

रोहतक। राजकीय स्नातकोत्तर महिला महाविद्यालय में रिसर्च एंड डेवलपमेंट सेल द्वारा मास्ट्रिंग बेसिक कंप्यूटर स्किल्स फोर राइटिंग इफेक्टिव रिसर्च पेपर एंड प्रेजेंटेशन एमएस वर्ड, पावरप्वाइंट एंड एक्सल पर कार्यशाला का आयोजन किया गया। डॉ. जोगिंदर सिंह असिस्टेंट प्रोफेसर, गवर्नमेंट कॉलेज फॉर वूमेन लाखन माजरा मुख्य अतिथि रहे। उन्होंने छात्राओं को एमएस वर्ड के बारे में बताया। कार्यशाला में 120 छात्राओं ने भाग लिया। इस अवसर पर रिसर्च एंड डेवलपमेंट सेल की संयोजिका डॉ. वीणा सचदेवा, डॉ. अनीता, डॉ. फूल कुमार, डॉ. पुष्प दीप डागर, डॉक्टर सोनिका, डॉक्टर एकता, डॉ. पूजा आदि उपस्थित रहे।

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पावर पॉइंट एवं एक्सल के बारे में बताया

रोहतक। राजकीय स्नातकोत्तर महिला महाविद्यालय में रिसर्च एंड डेवलपमेंट सेल द्वारा मास्टरिंग बेसिक कंप्यूटर स्किल्स फोर राइटिंग इफेक्टिव रिसर्च पेपर एंड प्रेजेंटेशन एमएस वर्ड, पावरपवाइंट एंड एक्सल पर चल रही कार्यशाला का समापन हो गया। डॉ. वीणा सचदेवा ने बताया कि कार्यशाला में छात्राओं को एमएस वर्ड, पावर पॉइंट एवं एक्सल के बारे में बताया गया। डॉ. जोगिंदर सिंह असिस्टेंट प्रोफेसर मुख्य अतिथि रहे। कार्यशाला में 120 छात्राओं ने भाग लिया। इस अवसर पर डॉ. सविता ठाकरान, डॉक्टर सोनिका, डॉक्टर एकता, रसायन शास्त्र विभाग से डॉ. पूजा आदि उपस्थित रहे।

Report

One-Day National Seminar on 'Sustainable Solutions for a Greener Future'

Organized by: Government Post Graduate Women's College, Rohtak

Sponsored by: Department of Higher Education, Haryana

Date: February 8, 2025

Venue: Government Post Graduate Women's College, Rohtak

Introduction

The Government Post Graduate Women's College, Rohtak, in collaboration with the Research & Development Cell and IQAC, successfully hosted a one-day national seminar on

"Sustainable Solutions for a Greener Future"

This multidisciplinary seminar aimed to bring together scholars, researchers, academicians, and students to discuss and explore sustainable solutions for environmental conservation and climate resilience.

Patrons

- **Patron in Chief:** Sh. Rahul Hooda, IAS, Director, Department of Higher Education, Haryana
- **Patron:** Dr. (Mrs.) Darshana, Principal, Government P.G. College for Women, Rohtak

Distinguished Guests and Keynote Speakers

Inaugural Session

Chief Guest: Prof. Kailash Chandra Purohit, Emeritus Professor, Himalayiya University, Dehradun; Retired Professor and Head, Department of Geography; Ex. Campus Director, Hemvati Nandan Bahuguna Garhwal Central University, BGR Campus, Pauri, Uttarakhand

Keynote Speaker: Prof. M. L. Meena, Head, Department of Geography, Central University of Haryana, Jant-Pali, Mahendergarh (Haryana)

Guest of Honour: Prof. Vinita Hooda, Dean, College Development Council, Department of Botany, Maharshi Dayanand University, Rohtak

Valedictory Session

Chief Guest: Prof. Ajmer Singh Kajal (JNU)

Guest of Honour: Dr. Darshana, Principal, Government P.G. College for Women, Rohtak

Seminar Highlights

The seminar featured a variety of academic and interactive sessions, including:

Inaugural Session:

The event commenced with a warm welcome address by Principal Dr. Darshana, who highlighted the significance of sustainability in research and education. She emphasized the need for academic institutions to actively contribute to environmental awareness and sustainable practices.

Chief Guest, Prof. Kailash Chandra Purohit highlighted in his address "Sustainability is not just a responsibility; it is a necessity for our survival and the well-being of future generations. As academicians, researchers, and policymakers, we must integrate environmental consciousness into every aspect of our work. This seminar is a testament to our commitment to finding practical solutions for a greener future. Let us work collectively to implement sustainable practices in our daily lives and research endeavors." Guest of Honour: Prof. Vinita Hooda deliberated "Plants and ecosystems are the backbone of life on Earth, and their conservation is crucial for sustainability. Scientific research and innovation in fields like botany and environmental science offer new hope in tackling climate change. I encourage young researchers to contribute to sustainable solutions through their work, ensuring a balance between development and ecological preservation."

Keynote Speaker, Prof. M. L. Meena delivered an insightful keynote speech, shedding light on innovative and research-driven approaches to sustainability, biodiversity conservation, and the impact of climate change on the environment. He continued "Geography teaches us the delicate balance between human activities and nature. Climate change, biodiversity loss, and environmental degradation demand urgent attention. Through interdisciplinary research and collaboration, we can formulate policies that promote sustainability. Today's discussions will serve as a catalyst for meaningful action towards an environmentally resilient future."

Panel Discussions & Technical Sessions:

- Discussions focused on water conservation, renewable energy, sustainable agriculture, and ecological balance.
- Experts shared case studies and best practices adopted in various fields to promote sustainability.

Research Paper Presentations:

- Over 250 research papers were presented by scholars and researchers from across the country. The presentations covered a wide array of topics, including green energy solutions, environmental policies, waste management, and sustainable urban planning.
- **Interactive Q&A Sessions:** Scholars and participants engaged in thought-provoking discussions, exchanging ideas and innovative solutions for a greener future.
- **Book Launch:** A special segment highlighted the release of two Books

1. **"Artificial Intelligence in Research Methodology"**
Authored by Prof. Phool Kumar, Prof. Anju Bala & Dr. Jyoti
2. **"पर्यटन भूगोल: एक व्यापक अध्ययन"**
Authored by Prof. Phool Kumar.

Valedictory Session & Certificate Distribution

The valedictory session was presided over by **Prof. Ajmer Singh Kajal (JNU)**, who appreciated the collective efforts of the organizing committee, scholars, and students in making the seminar a grand success. He also distributed certificates to participants and researchers who made significant contributions to the discussions and presentations.

The seminar concluded on a high note, leaving a lasting impact on all attendees. The event successfully fostered academic discourse on sustainability and provided a platform for knowledge sharing and collaboration among researchers. A total of 368 faculty members, academicians and researchers attended the seminar and 255 research papers were presented, covering topics like water conservation, renewable energy, and ecological balance. The seminar also included panel discussions, interactive Q&A sessions, success stories, and a book launch. Special thanks were extended to **Sh. Rahul Hooda, IAS, Director, Department of Higher Education, Haryana**, for his continuous support and encouragement.

The Government Post Graduate Women's College, Rohtak, looks forward to organizing more such events in the future to further the cause of sustainable development and environmental awareness.











Brief Annual Report of Research and Development Cell (2024–25)

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Members: Prof. Pool Kumar, Dr. Pradeep K. Duhan, Dr. Rajesh, Dr. Sonika, Dr. Ekta

The Research and Development Cell at Government Post Graduate Women's College, Rohtak, remained committed to promoting a vibrant research culture and equipping students and faculty with the skills necessary for scholarly excellence. During the academic year 2024–25, the Cell organized impactful events fostering research orientation, digital literacy, and sustainable development.

1. Two-Day Workshop: "Mastering Basic Computer Skills for Writing Effective Research Papers and Presentations"

- **Dates:** October 21–22, 2024
- **Venue:** Government Post Graduate Women's College, Rohtak

This hands-on workshop focused on building fundamental computer skills among students. The sessions covered MS Word for formatting and editing research papers, MS PowerPoint for preparing academic presentations, and MS Excel for basic data analysis and graphical representation. The goal was to bridge the digital skills gap among students and prepare them for academic and professional challenges. The workshop was well-received, with active participation and positive feedback.

2. One-Day National Seminar on "Sustainable Solutions for a Greener Future"

- **Date:** February 8, 2025
- **Venue:** Government Post Graduate Women's College, Rohtak
- **Organized by:** Government Post Graduate Women's College, Rohtak
- **Sponsored by:** Department of Higher Education, Haryana

This national seminar brought together academicians, researchers, and students from across the country to explore innovative and actionable strategies for sustainability. The event featured keynote addresses, technical paper presentations, and interactive discussions on themes like green technology, waste management, energy conservation, and sustainable agriculture. It provided an excellent platform for sharing knowledge and fostering interdisciplinary dialogue on environmental concerns.

Under the guidance of Convener Prof. Veena Sachdeva and with the active involvement of all members, the Research and Development Cell made significant strides in promoting academic skill development and research excellence. The activities conducted this year reflect the Cell's commitment to empowering students with both technical competencies and an environmentally responsible research outlook.

