



## **RESEARCH AND INNOVATION POLICY FOR PERMOTION OF RESEARCH**

### **Preamble**

At Prem Chand Markanda S. D. College for Women, we believe that research is the cornerstone of academic excellence and societal progress. Our Research Committee provides a dynamic framework to guide and inspire scholarly pursuits among graduate students, faculty members, and staff.

This policy is dedicated to fostering a vibrant research culture that promotes innovation, critical thinking, and professional growth. By nurturing the intellectual curiosity of our academicians and students, we aim to contribute to knowledge creation, address real-world challenges, and uphold the values of academic integrity.

The Research Committee, under the esteemed leadership of the Principal, will spearhead the implementation of this policy. Together, we strive to transform At Prem Chand Markanda S. D. College for Women into a hub of innovation, collaboration, and research excellence.

### **Objectives Of Research Committee**

"Our research policy outlines a structured approach aimed at encouraging innovation with the following goals:"

- To cultivate and nurture a research-oriented mindset among faculty members and postgraduate students across various disciplines at Prem Chand Markanda S. D. College for Women.
- To identify key research areas and prioritize topics of academic, practical, and societal significance.
- To guide and recommend departments in organizing seminars, conferences, workshops, and training programs on research methodology, intellectual property rights (IPR), and entrepreneurship.
- To provide faculty and students with the necessary support and mentorship for publishing research in esteemed journals.
- To act as a facilitator by offering professional guidance, technical assistance, and recommendations for financial support related to research activities.
- To support faculty members in preparing and submitting research proposals to government and non-government funding organizations.
- To strengthen industrial partnerships and establish research collaborations of both national and international standing.



- To identify core research areas with academic, applied, and socially relevant implications and encourage exploration of these topics.

**Following are the members of Research Committee to execute the Research Committee**

The Research Advisory Committee 2023-24 consisted of members representing various departments including:

1. Dr Kuljeet Kaur (PG Department of Commerce and Management)
2. Dr Renu Bala (Department of History)
3. Dr Lovely Sharma (PG Department of Computer Science and IT)
4. Dr Indu Tyagi (Department of English)
5. Dr Sandeep Kaur (Department of Economics)
6. Dr Anju Bala (Department of Punjabi)
7. Dr Jyoti (Department of Physics)
8. Dr Ravleen (Department of Economics)

Under the guidance of worthy Principal madam, the research committee has been actively engaged in the institutes research activities during the academic year 2023-24. The main goal of the Committee is to encourage the faculty to involve themselves in active research. The Research Committee always arrange various programme for the research capacity building among the students as well as teachers. The Committee aims to inform the entire faculty members regarding various upcoming seminars, call for papers or project proposals during the session. The progress of the work can be gauged by the fact that the staff and students of PCM SD College for Women have made steady progress in various aspects of research as a good number of papers have published in Research Journals as well as Edited Books and various papers have been presented by faculty and students in various seminars and conferences. The details Various activities conducted by the committee areas below:

- 1) **One Week Faculty Development Program on 'Qualitative Research Tools' was organised by the Research Committee and IQAC of PCM SD College for Women, Jalandhar in collaboration with GNA University, Phagwara.** The objective was to inculcate a culture of research and academic upliftment of the faculty. Total 50 faculty members of various departments of the College participated in the FDP. The insights given by distinguished academicians were intellectually stimulating and result driven. Bearing in mind the shifting paradigms to in the

- 2) Education system and its chief emphasis on Research and Innovation, it is the need of the hour to organise such programs for the academic enrichment of faculty members.

**ORGANIZING COMMITTEE**

**Chief Patron**  
S. Gurnam Singh Shira

**Patron**  
S. Gurdeep Singh Shira

**Advisory Committee**  
Dr. V.K. Rattan  
Dr. Hemant Sharma  
Dr. Monika Hanspal

**Organizing Committee**  
Sh. Nareesh Budhia  
Dr. Pooja Prashar

**Convener**  
Dr. Sameer Varma  
Dr. Rashmi Verma  
Dr. Manpreet Kaur

**PROGRAM OBJECTIVES**

1. To equip participants with a deep understanding of qualitative research methodologies.
2. To provide hands-on experience in conducting qualitative research and analysis.
3. To introduce participants to advanced research tools such as Biblioshiny and Voviewer.
4. To facilitate practical application of these tools for enhanced research insights.
5. To foster collaboration and knowledge sharing among participants from diverse academic backgrounds.

**PROGRAM MODULES**

**Day 1: Introduction to Qualitative Research**

- Fundamentals of qualitative research
- Formulating research questions and objectives
- Data collection sources

**Day 3: Research Tools: Voviewer**

- Visualizing research networks with Voviewer
- Hands-on Training with Voviewer

**Day 2: Research Tools: Biblioshiny**

- Introduction to Bibliometrics and Biblioshiny
- Hands-on training with Biblioshiny

**Day 4: Research Tools: Sentiment Analysis**

**Day 5: Research paper writing**  
- Paragraph and Report Writing

**PROGRAM METHODOLOGY**

This FDP will employ a dynamic blend of interactive lectures, hands-on workshops, practical exercises, group discussions, and collaborative projects. Experienced facilitators with expertise in qualitative research and advanced research tools will lead the sessions.

**RESOURCE PERSONS**

**Day 1 & 2 :** Dr. Manpreet Kaur, Assistant Professor, GNA Business School, GNA University

**Day 3 & 4 :** Dr. Parveen Singh Kahi, Assistant Professor, GNA Business School, GNA University

**Day 5 :** Dr. Anurag Sharma, Professor and Head (Computer Science and Engineering) in Faculty of Engineering, Design and Automation.

**Fee Details**

Fees: Rs. 1000/-      Mode : Cash


**Contact Persons**

Dr. Rashmi Verma  
Assistant Professor  
Head, Technology Business Incubator GNA UNIVERSITY  
Contact Number: +91 99143 39700  
Email: rashmi.verma@gnauniversity.edu.in

Dr. Kuljeet Kaur  
Incharge, Research committee  
PCM SD College for Women, Jalandhar  
Contact Number: +91 98784 25500  
Email: kuljeet1397@gmail.com


**Venue:**

PCM SD COLLEGE FOR WOMEN JALANDHAR  
DATE: 18th Sep to 22nd Sep | Timings : 2 P.M. TO 4 P.M.



**GNA UNIVERSITY**  
Inspiring Innovation....

*In collaboration with*



**PCM S.D. COLLEGE FOR WOMEN, JALANDHAR**  
Organizes

**One Week**

**FACULTY DEVELOPMENT PROGRAM**

On

**QUALITATIVE RESEARCH TOOLS**



**GPS Map Camera**

Jalandhar, Punjab, India  
200/1, Prem Nagar, Gobind Garh, Dhan Mohalla, Jalandhar, Punjab 144001, India  
Lat 31.32699°  
Long 75.590986°  
18/09/23 02:30 PM GMT +05:30





- 3) **Five days Faculty Development Programme entitled ‘Research Project and Grants’ was organised by Research Committee in collaboration with Internal Quality Assurance Cell of PCM SD College for Women, Jalandhar.** The Resource Person of the programme was Dr Anant Ram, Advisor, Higher Education and Research Promotion, New Delhi. He has been associated with more than fifty universities and a hundred colleges as an Advisor for promotion of Research and Innovation. He is currently serving as the Officer on Special Duty to the Vice-Chancellor, Capital University, Koderma, Jharkhand.

The ulterior motive of the FDP was to enhance research grant acquisition skills. It brought together a diverse group of faculty members eager to excel in the world of research funding. The discussion empowered participants to navigate the complex landscape of research grants in their respective academic arenas through novelty and innovation. Various types of grants, aspects of grant proposal development, budgeting, approval process and project management were elaborately discussed. The aim was not simply to encourage research but also to foster a spirit of collaboration transcending disciplinary boundaries, igniting conversations and sparking ideas for interdisciplinary research projects.



**PREM CHAND MARKANDA S. D. COLLEGE FOR WOMEN**  
**NAAC Re-accredited "A<sup>+</sup>" Grade College (Second Cycle) JALANDHAR**



Prem Chand Markanda S. D. College for Women, Jalandhar  
(Re- Accredited 'A<sup>+</sup>' Grade by NAAC) (Second Cycle)


**Internal Quality Assurance Cell  
&  
Research Committee  
Organizes a  
5 Days Faculty Development Program  
On  
*Research Projects and Grants*  
from 2.11.2023 to 7.11.2023**

Day 1: Overview of Research and its Importance	Day 2: Funding Agencies and their role in HEI's	Day 3: R & D Grant Opportunities for Women	Day 4: Approval Process and Budgeting	Day 5: Tips for Writing R and D Seminar, Workshop and Project Proposal
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**RESOURCE PERSON**

**Dr. Anant Ram**

Advisor,  
Higher Education and Research Promotion,  
New Delhi.  
Officer on Special Duty to the Vice-Chancellor,  
Capital University,  
Koderma, Jharkhand.



Sh. Naresh Kumar Budhia  
(President)

Dr. Pooja Prashar  
(Principal)

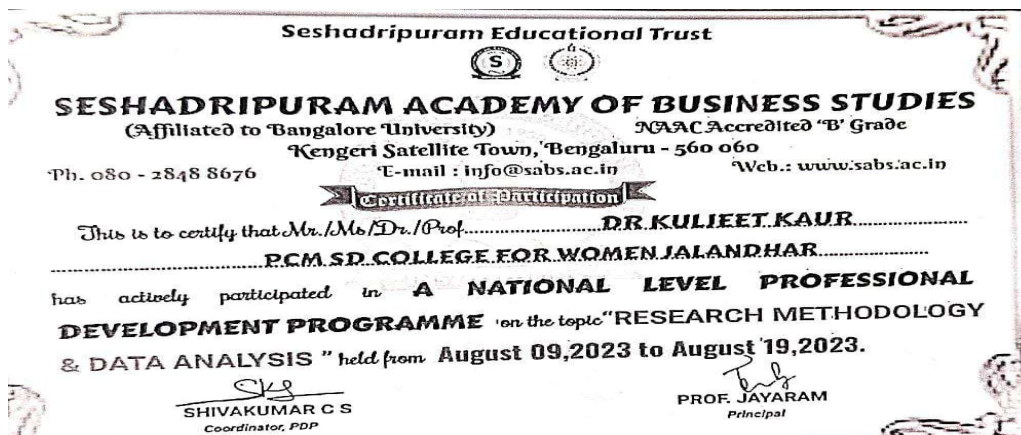




- 4) During this academic year research committee motivate the teaching staff for preparing and submission of minor research project proposals. During this session minor research project proposals were submitted to various agencies for funding including
  - Project proposal titled “Analysis of Mergers and Acquisitions in the Indian Banking Sector with special reference to 2020 Bank Mergers” submitted to ICSSR by Dr Kuljeet Kaur.
  - Project proposal titled “Question Answering Dialogue System for E-Commerce Product Reviews using Machine Learning Models” submitted to DST-SERB by Dr Lovely Sharma
  - Project proposal titled “Study of EM radiation absorbance by composite of hexaferrite and embedded in conducting polymer” submitted to DST-SERB by Dr Jyoti Sharma
  - Project proposal titled “Impact of Institutional credit on Growth of Agriculture in India” submitted to ICSSR by Dr Sandeep Kaur.
- 5) Many seminar proposals were also submitted to various agencies by the faculty members during the year.

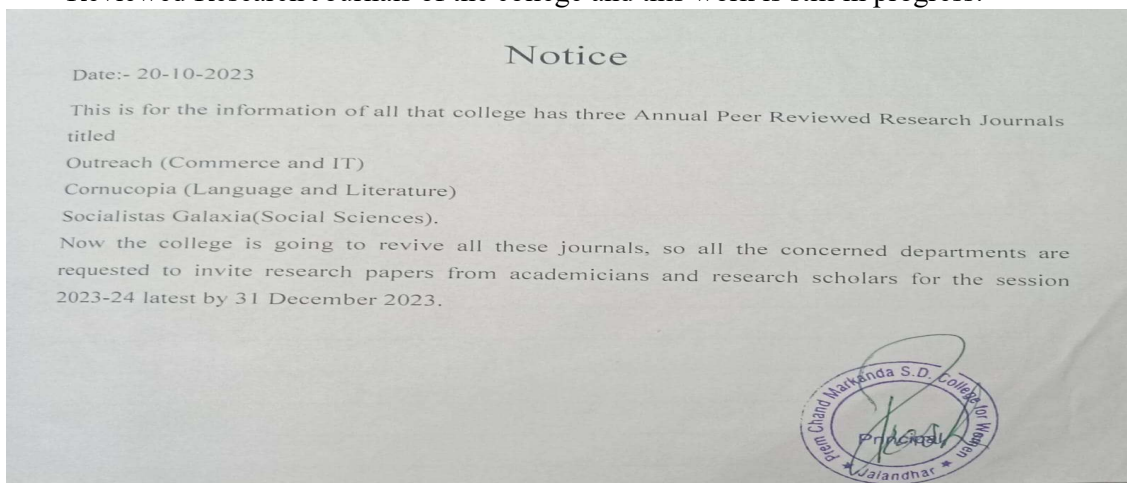


- 6) Faculty members were encouraged to attend various seminars and workshops related to research. As a result of this many members attended different programmes related to research.

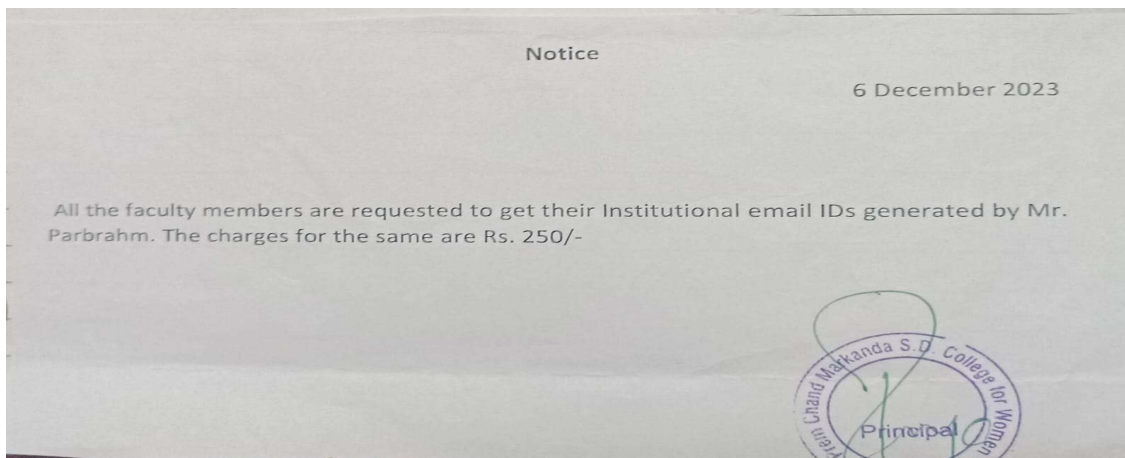




- 7) During the session an action plan was developed to revive three Annual Peer Reviewed Research Journals of the college and this work is still in progress.



- 8) In order to enhance the quality of research among the faculty and to motivate them to collect good literature review and to forward their papers to research journals with good impact factor the faculty members were encouraged to generate their institutional email ids.



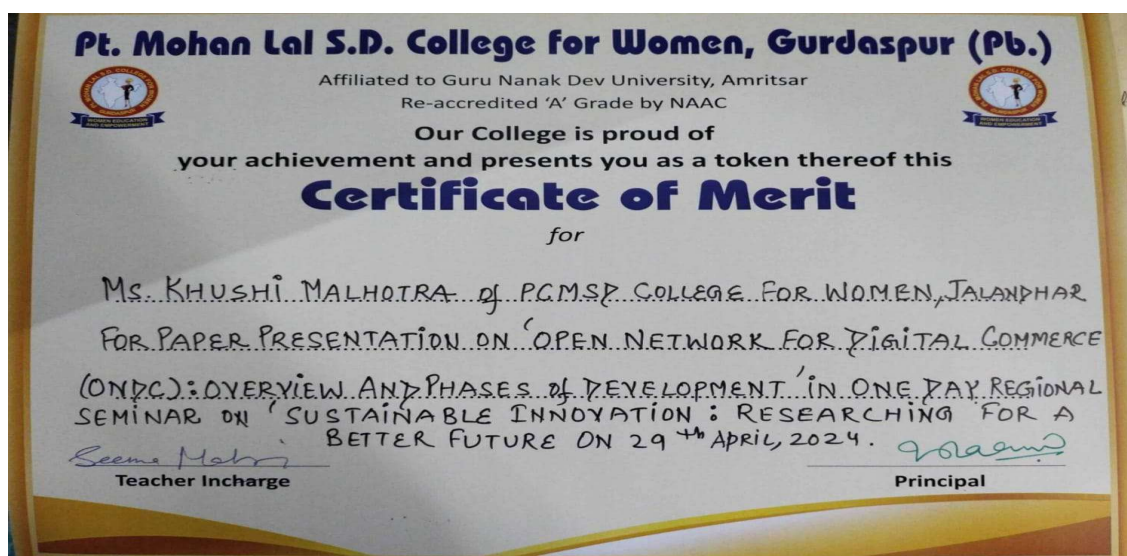
- 9) During the current session a steady progress in various aspects of research have been made as a good number of research papers written by the faculty members have been published in Research Journals, Conference proceedings as well as Edited Books.

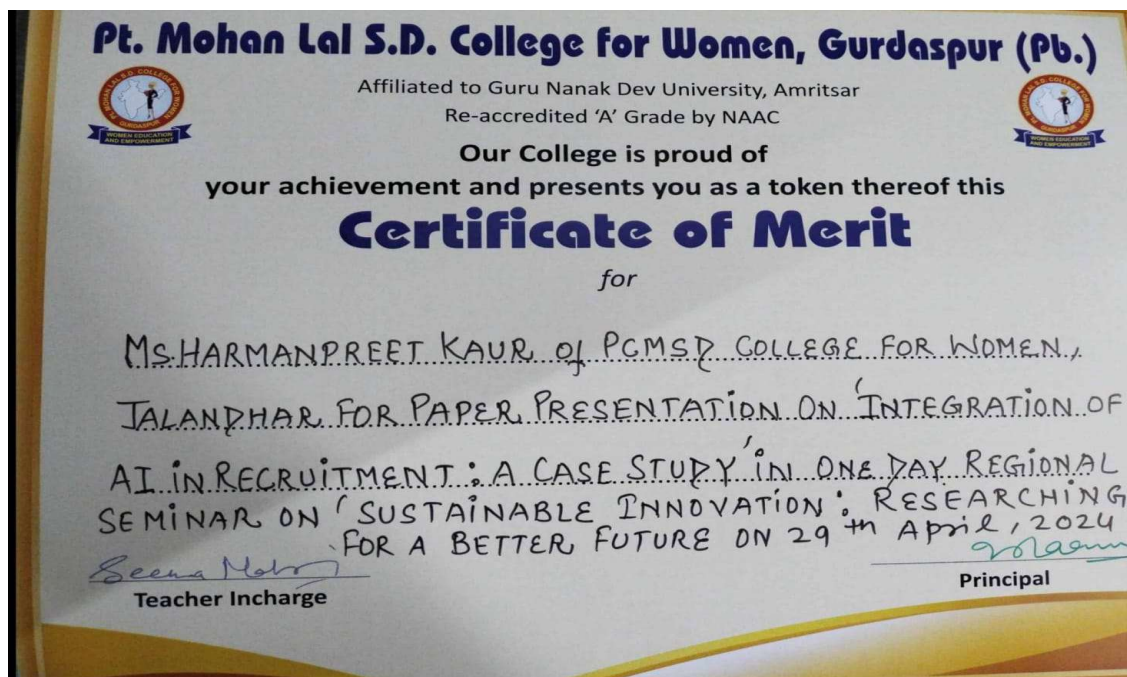




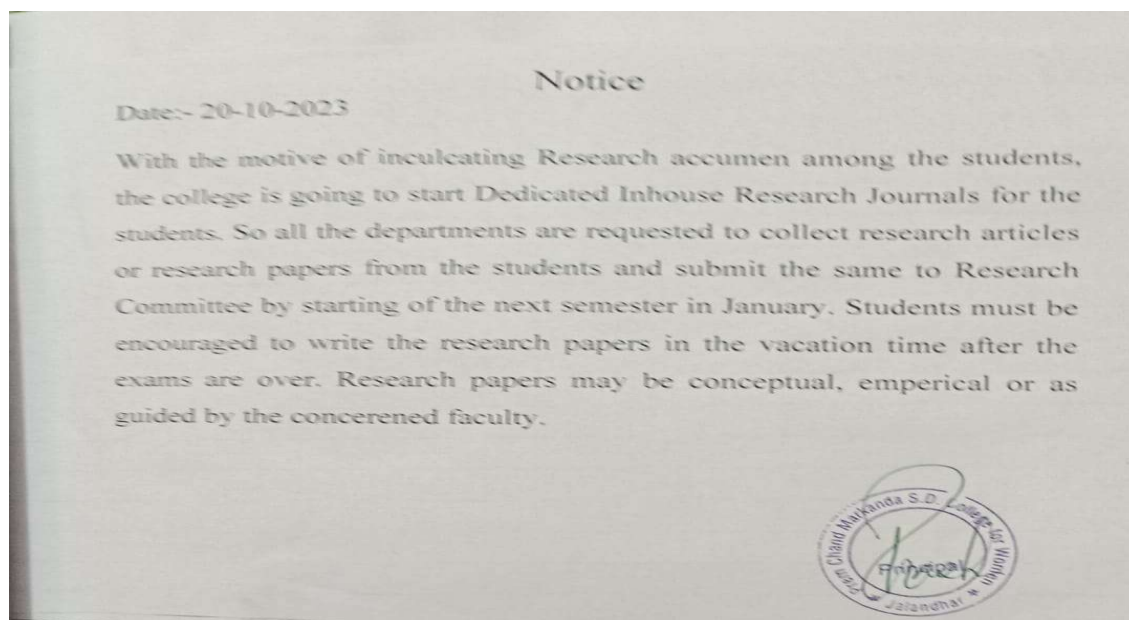
- Many research papers were forwarded to UGC-CARE listed Journals and 33 papers were published in such journals
- Number of research papers published in Edited Books: 158
- Number of research papers published in peer reviewed journals and Conference proceedings: 34

10) For the purpose of research capacity building of the students, they were encouraged and guided to write research papers for various seminars. As a result six Students of M.Com class participated and presented papers in seminar at Pt. Mohan Lal SD College for Women Gurdaspur.





- 11) With the motive of inculcating Research accumen among the students, it was decided to start Dedicated Inhouse Research Journals for the students where students will be the authors of the papers and students will act as Editors also under the guidance of their teachers.





As a result of this step three Inhouse research journals were published.

1. **"Commerce Canvas Students' Research Journal (An Inhouse Publication) of PG Department of Commerce and Management** was published which include 10 papers of various students of the department.

**Commerce Canvas  
Students' Research  
Journal**  
(An In-house Publication)  
PG Department of  
Commerce and Management



**PCM SD College for Women,  
Jalandhar**

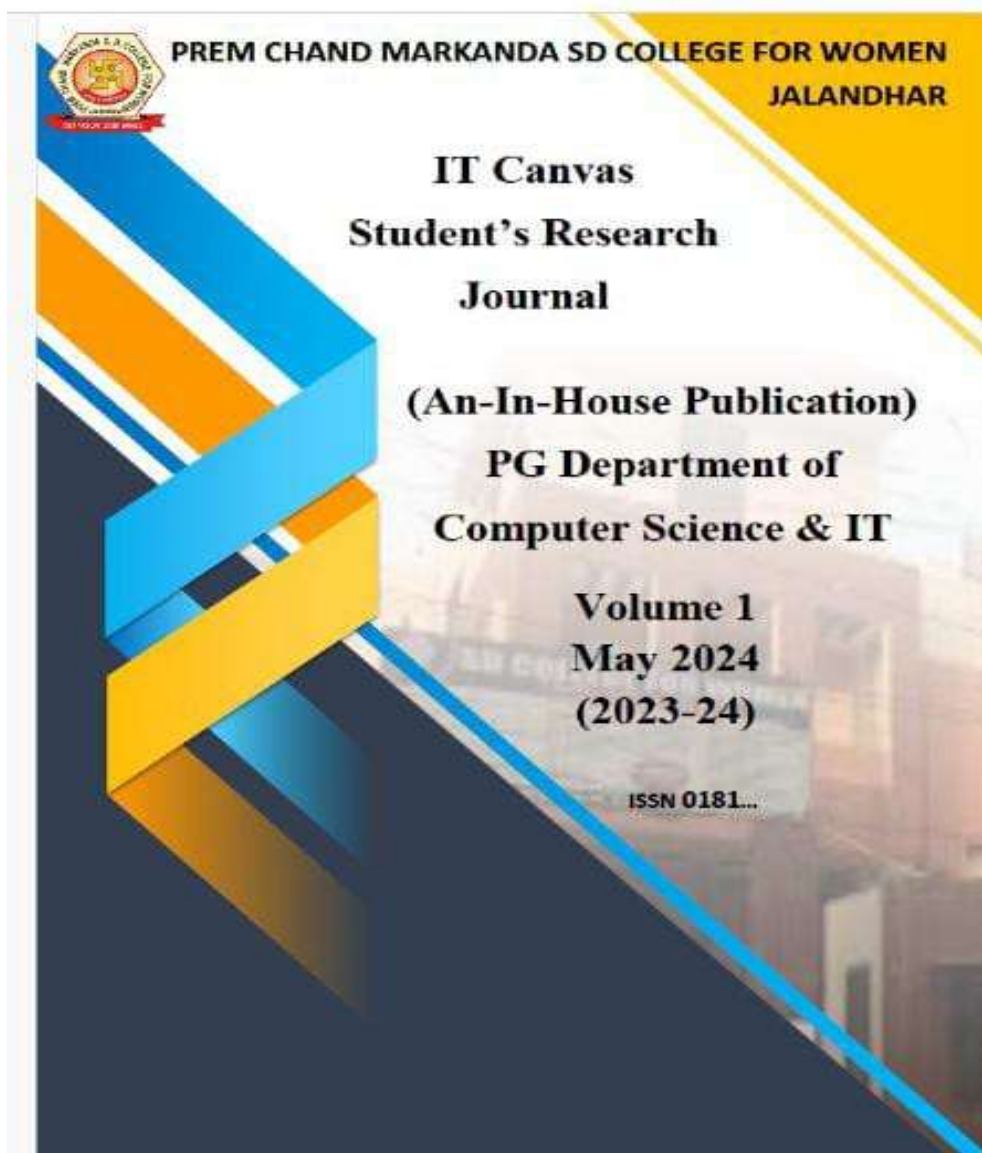
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2. **“IT Canvas Student’s Research Journal”** of PG Department of Computer Sscience and IT was published which include 10 papers of various students of the department.



3. “The Economic Vanguard” Student Perspective of PG Department of Economics was published which include 8 papers of various students of the department.

