

PT. MOHAN LAL S.D. COLLEGE FOR WOMEN

SH. UPKAR KRISHAN SHARMA BLOCK

"आदर्श अनुशासन मर्यादा ईमानदारी तथा उच्च मानवीय
मूल्यों के बिना किसी का जीवन महान नहीं बन सकता।"



Pt. MOHAN LAL S.D. COLLEGE FOR WOMEN, GURDASPUR

A MULTI FACULTY POST GRADUATE INSTITUTE

Re - accredited with 'A' grade by NAAC

MANAGED BY: GGDSD COLLEGE SOCIETY, CHANDIGARH

Affiliated to: GURU NANAK DEV UNIVERSITY, AMRITSAR

OUR INSPIRING SPIRIT



PT. MOHAN LAL JI

FORMER EDUCATION, HOME AND FINANCE MINISTER, PUNJAB
FOUNDER PRESIDENT OF GGSD COLLEGE SEC-32, CHANDIGARH
PT. MOHAN LAL S.D. COLLEGE FOR WOMEN, GURDASPUR
PT. MOHAN LAL S.D. SCHOOL, CHANDIGARH.



SH. UPKAR KRISHAN SHARMA JI

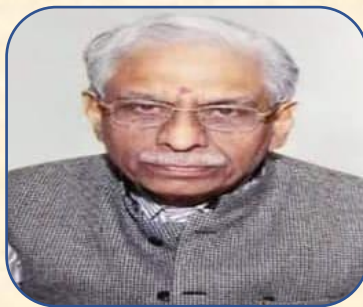
FORMER PRESIDENT GGSD COLLEGE SOCIETY, CHANDIGARH
FORMER PRESIDENT PTMLSD COLLEGE FOR WOMEN, GURDASPUR
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E-MAGAZINE

‘DARPAN’



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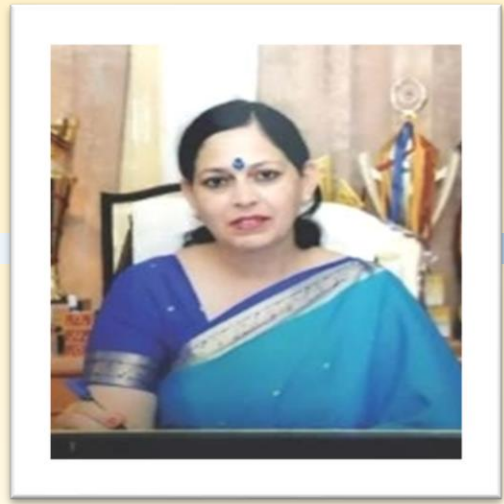


Dr. Khushboo
Editor



Mr. Ashwani
Technical Expert





Dear Sdians...

It gives me immense sense of fulfilment when I look at the monthly edition of college e-Magazine '**DARPAN**'. The essential purpose of e-magazine 'DARPAN' is to inform, engage and inspire faculty, students, parents, alumni and our stakeholders. This e-magazine endeavors to reflect the values and the long tradition of excellence of the institution itself. Throughout the year campus buzzes with various activities that makes learning experience at SD Gurdaspur, a unique one. The perpetual efforts of the faculty, students and clubs/societies of the college in keeping the campus alive are commendable. Workshops, conferences, competitions, rallies, sports, guest lectures, FDPs, PDPs and a great variety of activities that corroborate academic learning help our students to grow in the real sense.

I congratulate editors for giving practical shape to my idea of e-magazine and wish all the best for inspired and result oriented session.

Dr. (Mrs.) Neeru Sharma
Principal



INDUCTION AND ORIENTATION PROGRAMME



The new academic session 2024-2025 began with a warm welcome of the College Principal by the senior faculty members. They greeted her with a beautiful card and gave best wishes to her. Madam Principal also gave her blessings and love to all faculty members by presenting them with attractive bookmarks prepared by the Fine Arts Department. An orientation program was organised for all entry classes which was designed to help new students' transition smoothly into college life. This program aimed to familiarize students with campus life. All the students were acquainted with various courses, their curriculum, library rules, general instructions, various clubs and committees of the college, laboratories, cafeteria, use of the library, and infrastructure of the college. A warm welcome was presented to students by HODs of different departments. Students were informed about the code of conduct, college environment, moral values, and the importance of hard work.

EXPERIENTIAL LEARNING



Following the National Education Policy that focuses on hands-on learning, the Eco Club, Botany Department and Home Science Department started a new practical activity. The purpose was to give students more practical experience as part of their education. A new initiative was taken by the Home Science Department and Eco Club of the College where mangoes grown in campus were used for preparing mango chutney, rich in vitamins A and C that boost immunity and improve skin health. It also contains antioxidants and dietary fiber, aiding digestion and promoting overall well-being. The stall was put in the college premises where staff members and students bought this chutney.



TRIBUTE TO OUR WORTHY PRESIDENT



A commemorative ceremony was organized by the Central Association to pay tributes on the second death anniversary of Sh. Upkar Krishan Sharma Ji, the erstwhile president of the college. Under his able guidance the college achieved spectacular success in the past years. During the ceremony, Principal Ma'am, staff members, support staff, and students offered floral tributes to Sh. Upkar Krishan Sharma Ji. The college Principal, remembering his guidance and teachings, said that his blessings are always with us. She emphasized that just as he fulfilled his father, Sh. Pandit Mohan Lal Ji's dreams, we should also strive to follow the path shown by him.

On his first anniversary, the Central Association initiated the 'Ashiana' project, which included arrangements for feeding and watering birds. All coordinators made significant efforts to ensure the success of this event. This year also, the college Eco-Club and NSS initiated a plantation drive in which plants of *lagerstroemia* were planted. Two peach trees in the presence of local management member Shri Gorakhnath Ji were also planted in the college. This thoughtful act was considered a fitting tribute to Mr. Upkar Krishan, honouring his legacy and commitment to the environment. The event not only paid homage to his memory but also promoted environmental consciousness among the college community.



SECOND UPKAR KRISHAN MEMORIAL LECTURE



Second Sh. Upkar Krishan Sharma Memorial lecture was organised by team IQAC. The resource person was Dr. Rishi Raj Sharma, Professor and Associate Dean, Regional Campus, GNDU, Gurdaspur. His topic for the discussion was the 'Indian Knowledge System'. Dr. Rishi Raj elaborated that the Indian knowledge system is a vast and diverse field encompassing various domains such as Philosophy, Science, Mathematics, Medicine, Arts and Spirituality. He quoted many examples from Guru Granth Sahib, Bhagavad Gita, and other Granths. It reflects the rich cultural and intellectual heritage of India, influencing art, literature, philosophy, and daily life over thousands of years. He added that Indian scholars made pioneering contributions such as the concept of zero, decimal system, and advancements in algebra and astronomy, which laid the groundwork for modern Mathematics and Science. Ayurveda, with its holistic approach to health and well-being, continues to offer valuable insights into natural and preventive medicine. Practices such as yoga and meditation, rooted in Indian traditions, are widely recognized for their benefits to mental and physical health. He concluded that the Indian knowledge system offers a profound and multifaceted reservoir of wisdom that continues to contribute to various aspects of global knowledge and culture. Its enduring relevance highlights its importance in both historical and modern contexts.



SEMINAR ON CANCER AWARENESS



One-day seminar on 'Cancer Awareness' was organized by the Health Club, Red Ribbon Club and Gurdaspur Medicity Hospital. Dr. Manjit Singh Babbar (Surgeon) and Dr. Paras Khanna (MCh. Oncology Surgeon, AIIMS Delhi) were the resource persons. Dr. Babbar talked about various types of cancer and precautionary measures. His talk emphasized how to create awareness among people about cancer. Later on, Dr. Khanna talked about cervical cancer. The gist of his talk mainly emphasized ' Awareness about Breast & cervical cancer'. His talk mainly focused on risk factors of cervical cancer, prevention, several myths and taboos among people. Dr. Harpreet Kaur said that students must get vaccinated to prevent themselves from cervical cancer and women who are above 30 years old must go for PAP smear, HPV DNA tests for cervix cancer, and mammogram tests for breast cancer. Dr. Harpreet Kaur and Mr. Harman Singh also attended this seminar and expressed their views on the given theme.

WORKSHOP ON THE ROLE OF LIBRARY IN RESEARCH



IQAC, Library committee and the FDP committee organized a workshop on the 'Role of Library in Research' to motivate faculty for research development. Dr. Gurpreet Singh, Head Librarian, GGSDS, College Chandigarh was the resource person. He emphasized literature review resources that are most widely used. He discussed various AI tools available in the areas of research including Mendeley, Consensus, Scite Assistant, and other research management tools available for meeting the information requirements and other learning standards of the research scholars. The College Principal thanked Dr. Gurpreet Singh for providing knowledge about AI tools and e-resources available for research.

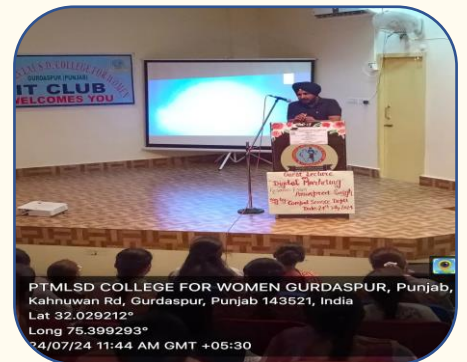


WORKSHOP ON THE EVOLVING ROLE OF LIBRARY IN EDUCATION



IQAC and Library committee organised a workshop on 'The evolving role of Library in Education' to motivate students about the significant role of library in education and to explore opportunities and gain knowledge. Dr. Gurpreet Singh, Head Librarian, GGDSD, College Chandigarh was the resource person. He discussed various e-resources and other tools available. He also described the importance of libraries and the vital role of a librarian in molding and shaping the readers. He asked the students on the spot to write a few lines to promote creative writing. He motivated the students to read maximum books, participate in seminars, write articles and research papers.

SEMINAR ON DIGITAL MARKETING



The Computer Science Department organized a seminar on Digital Marketing, delivered by Mr. Aman Preet Singh from Digital Vidya Skills Hub. The resource person provided an in-depth understanding of digital marketing and emphasized its importance in today's tech-driven world. He covered various aspects, including SEO, Social Media Marketing, Content Marketing, Email Marketing, and PPC Advertising, offering insights into current trends and future outlooks. Real-life case studies and practical examples illustrated the application of digital marketing strategies. The session included an interactive Q&A, where students were actively engaged with Mr. Singh, seeking advice and clarifications. The lecture was well-received, with students appreciating the practical insights and expressing a keen interest in exploring digital marketing further.



ANTI-RAGGING ACTIVITY



In the first morning assembly of the new session, the incharges of the Anti-Ragging Cell addressed both new and promotees about the UGC-directed anti-ragging rules. They emphasized that our college is a raging-free institution, where senior students are helpful and are not engaged in any ragging activities. The college principal also welcomed the students, reiterating the commitment to a safe and inclusive environment, thus setting a positive tone for the new academic year.

SEMINAR ON NEW CRIMINAL LAWS



A one-day seminar on New Criminal Laws was organised by Social Sciences and Legal Awareness Club in association with the Punjab Police Law Cell. The law officers Parath Joshi, Omkarpreet Singh and District Training Officer Sr. Sohan Singh mentioned that the Indian Parliament has initiated a transformative step in the criminal justice system by replacing three historical laws: the Indian Penal Code, 1860, the Code of Criminal Procedure, 1973, and the Indian Evidence Act, 1872, with the Bharatiya Nyay Sanhita, 2023, the Bharatiya Nagarik Suraksha Sanhita, 2023, and the Bharatiya Sakshya Adhiniyam, 2023, respectively. These new laws, grounded in Indian values of justice (nyaya), signify a shift from a punitive to a justice-oriented approach, reflecting Bhartiya Nyaya Paddhati. Deputy Attorney Sr. Hardeep Singh also highlighted the issue of cyber-crime and its preventive measures.



SEMINAR ON HEROES OF THE BATTLE OF TRIMMOOPATTAN



A one-day seminar on 'Heroes of the Battle of Trimmoopattan of 1857' was organised by the History Department and the Patriotic Club in collaboration with the History Society of Gurdaspur. Dr. Karamjit Singh, SDM, Gurdaspur, graced the seminar as the chief guest. The event commenced with a welcome address by Principal Dr. Sharma, followed by an enlightening session by the main speaker, Professor Raj Kumar Sharma, a renowned historian. Professor Sharma highlighted the significance of the Battle of Trimmoopattan in 1857. He also emphasized the importance of remembering the martyrs of 1857, describing it as a crucial military conflict between British government and the first war of independence by Indians. He concluded that it is our duty to honour local martyrs and their sacrifices. Chief Guest Dr. Karamjit Singh also discussed various aspects of the Battle of Trimmoopattan, bringing lesser-known facts to the students' attention. The seminar concluded with everyone paying tribute to the martyrs of Trimmoopattan. Additionally, several esteemed attendees, including Professor Phoolan Attari, Secretary Professor Kuldeep Kumar Sharma, Vice President Rajeev Dutt (Advocate), Professor Harpreet Singh Chahal, Professor SS Chauhan, Joint Secretary Sri Ramesh Sharma, Inderjit Singh Bajwa, Professor VK Sharma, Professor Kamal Kishore Attari, Professor Shiv Dayal, Professor Gurcharan Jeet Kaur, Finance Secretary Dilbag Singh Cheema, and Dr. Sham Singh, shared their views on this topic.



INTERACTIVE PROGRAMME WEEK



To promote technical skills, knowledge sharing, and healthy competition among students, the Computer Science department of the college organized the 'Interactive Programme Week' (IPW) from July 22nd to July 27th, 2024. This annual event included a variety of activities such as wall magazine, PPT competition, quiz competition, an innovative display panel, and a guest lecture. The wall magazine event showcased creativity and design skills through visually appealing posters on Computer Science-related themes. The quiz competition was conducted to test students' knowledge of Computer Science concepts, programming languages, and algorithms, resulting in an engaging and competitive atmosphere. The PPT competition created informative and visually appealing presentations on various topics related to Computer Science, technology, and emerging trends. Additionally, 9 students participated in the innovative display panel, presenting their unique ideas. These events were designed to foster a spirit of competition and collaboration, encouraging students to think creatively and push their boundaries. The winners were honoured by the college Principal with certificates of appreciation for their performance and participation. In her address, the Principal encouraged students to enhance their technical skills, innovation, and creativity.

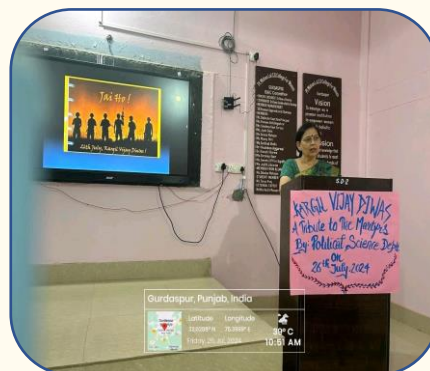
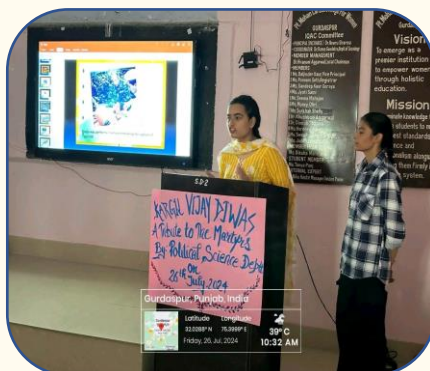


EK PED MAA KE NAAM: TREE PLANTATION



Tree Plantation drives help us in tackling many environmental issues like global warming, deforestation, soil erosion, and desertification and enhance the beauty and balance of the environment. Keeping this in view, the college organized a tree plantation drive in collaboration with the Environment Protection Society, Gurdaspur under 'Ek Ped Maa Ke Naam' Yojana and Van Mahotsav. The NSS team planted 10 Dharek (Melia azedarach) trees. It is an important shady plant that possesses an important insecticide 'Azadirachtin'.

COMMEMORATING OUR REAL HEROES



The Political Science department celebrated 'Kargil Vijay Diwas' and remembered the martyrs, who rejoiced in their sacrifices and strengthened the resolve of the armed forces. Purpose of the day was to remember the saga of valor and gallantry of brave soldiers. Students presented their views on 'Kargil Vijay Diwas' through PPTs, speech and patriotic poems. The college Principal Dr.(Mrs.) Neeru Sharma also paid homage to the indomitable courage and sacrifice of the Indian armed forces in the Kargil conflict of 1999. She motivated students to rekindle the pride and valour of the soldiers who took part in 'Operation Vijay'. She said Armed forces worked continuously and have to spend long periods away from their families just for our security so their sacrifices cannot be ignored.



SEEKING THE BLESSINGS OF ALMIGHTY



To seek the blessings of the almighty, Hawan ceremony was conducted in the campus (July 25, 2024). The ceremony was graced by the presence of managing committee members, Sh. Hira Mani Ji, Sh. Arvind Hastir Ji, Sh. Gorakh Nath Ji and S. Kamaljit Singh Ji. The staff and students also participated in the prayers, asking for the smooth functioning of the institution in all respects for the upcoming academic session. Prasad was distributed among the staff and the students.

VISIT TO ZUDIO



The Fashion Designing and Cosmetology department of the college organized a visit to 'Zudio' in Gurdaspur. The visit aimed to provide new students with practical knowledge of market trends. Faculty members explained various aspects such as the selling, designing, and displaying processes, dress layout, colour contrast, and the variety of cosmetic products available. They also covered billing procedures and provided insights into the different job opportunities in malls and their application processes. The experience was highly beneficial for students, offering them valuable knowledge about the industry. College Principal acknowledged the initiative of FD department.



STUDENTS ACHIEVEMENTS



The results for the Bachelor of Science session 2023-24 are remarkable, demonstrating the exceptional academic achievements of the students. Ramandeep Kaur, pursuing B.Sc. in Non-Medical, achieved the top position in GNDU with an impressive 89.58%. Close behind, Rajwinder Kaur, also in B.Sc. Non-Medical, secured second place with 89.1%. Kamini Sharma followed closely, securing the third position in GNDU with a score of 89.04% in B.Sc. Non-Medical. In the medical stream, Vishali achieved seventh place in GNDU with 84.91%. In B.Sc. Computer Science semester 6, Gursimran Kaur attained the ninth position with 84.79%. Amandeep Kaur also ranked in the top ten in GNDU, securing the tenth position in B.Sc. Non-Medical with 84.62%. The college principal appreciated the efforts of the incharges and congratulated all the students on their outstanding performance, recognizing their dedication and hard work.

SPORTS ACHIEVEMENTS



Our student Gurpreet Kaur won two bronze medals in the Gatka State Level Competition held at Bhikhowal, Hoshiarpur on 25th and 26th July 2024. She won these medals in the Single Soti Team Event and the Single Soti Individual Event. Additionally, Manjit Kaur secured a bronze medal in the same competition. The coach, Mr. Variam Singh, played a significant role in their success.

We are thrilled to announce that our student, Gurpreet Kaur, secured a bronze medal in the 'Khelo India Wushu Women's League 2024' (North Zone) held at NIS Patiala. This remarkable achievement is a testament to Gurpreet's dedication, hard work, and exceptional talent in Wushu. Additionally, both Gurpreet Kaur and Manjit Kaur have been selected to compete in the All India National Khelo India Wushu Women's League. Their selection for this prestigious competition highlights their outstanding skills and commitment to the sport. In recognition of her impressive performance, Gurpreet Kaur has been honoured with a cash prize of Rs. 2000.



EARTH IS HEALING ITSELF

The planet will be here for a long, long—LONG—time after we're gone, and it will heal itself, it will cleanse itself, because that's what it does, it's a self-correcting system.” Michel

Our mother earth provided us many natural resources such as air, water, food and shelter for our healthier lives. Earth is a planet that hosts life and is inhabited by humans and other living beings. It is made out of rocks, metals, and gases. Mother Earth is the third planet from the Sun so it is the only planet in our solar system where life can sustain and live on. This planet is home to more than seven billion people. Various deleterious activities of human beings such as industrial emissions, use of harmful chemicals pesticides, use of plastic, mining, various agricultural activities, transportation etc. degrading the quality of our mother earth. Among all these types of pollution, plastic pollution in ocean is a major concern nowadays. In the marine environment, plastic pollution originates primarily from land runoff, but includes paint shed from shipping, discarded fishing gear etc.

Scientists have discovered a possible new tool for addressing the growing problem of plastic pollution in the world's oceans. Scientists in Germany have identified plastic-eating fungi that could offer a glimmer of hope in tackling the problem of millions of tonnes of waste polluting the world's oceans every year. The fungi could exclusively grow on some of the

synthetic plastic polymers. Fungi's ability to utilise plastic is an adaptation to the vast amounts of plastic carbon in the environment. *Pestalotiopsis*, a plastic eating fungus, was discovered in 2011. This fungus can survive in oxygen-starved environments like landfills. The enzymatic activities of fungus are responsible for breaking down plastic and it's activity dependent on external factors like temperature and nutrient availability. This makes them more suitable for controlled environments like sewage treatment plants rather than natural settings. They can be particularly helpful in areas where traditional recycling methods are less effective. Further, the fungus *Parengyodontium album* lives together with other marine microbes in thin layers on plastic litter in the ocean. Marine microbiologists from the Royal Netherlands Institute for Sea Research (NIOZ) discovered that the fungus is capable of breaking down particles of the plastic polyethylene (PE), the most abundant of all plastics that have ended up in the ocean. They expect that many more plastic degrading fungi are living in deeper parts of the ocean. Many bacterial species were also found to degrade the plastic pollution in ocean.

Ideonella sakaiensis bacteria produces an enzyme called hydrolyzing PET (or PETase) that breaks down the bonds in the polymer to form monomers. These monomers can be used for energy sources by marine life. Experts said that these are most effective ways to tackle plastic pollution is to reduce the amount of material entering the environment.

It is a sobering reminder while we have spent years on debating how to fix the damage, we have done nature has been quietly and patiently doing the

work for us. It's a powerful reminder that the earth doesn't need us to survive.

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PT. MOHAN LAL S-D-COLLEGE
FOR WOMEN

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