

E- MAGAZINE 'DARPAN'



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

A MULTI-FACULTY POST GRADUATE INSTITUTE

Re-accredited with 'A' Grade by NAAC

Managed By: GGSDS 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 GGDSD College Society, Chandigarh
Pt. Mohan Lal S.D. College For Women, Gurdaspur
Pt. Mohan Lal S.D. School, Chandigarh**



E- MAGAZINE

“DARPAN”



Sh. Upkar Krishan Sharma
President,GGDSD Society,
Chandigarh



Dr. P.K. Bajaj
General Secretary
GGDSD Society,Chandigarh



Dr. (Mrs.) Neeru Sharma
Principal



Dr. Mrs. Khushboo
Editor

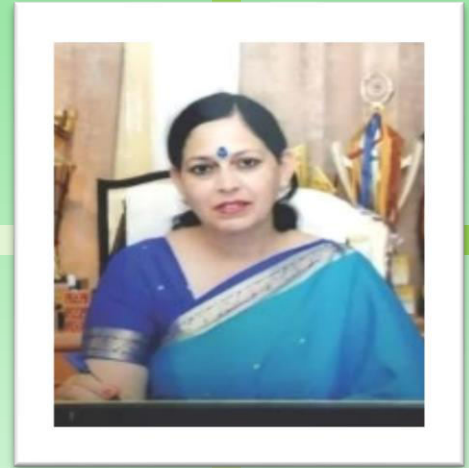


Er. Surkhab Shelly
Editor



Er. Harpreet Singh
Technical Expert





Dear Sdians...

It gives me immense sense of fulfilment when I look at the second 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



ORIENTATION PROGRAM



In the beginning of the new academic session, Orientation Programme was conducted by HODs. It was then followed by Hawan. Meritorious students were also honoured.

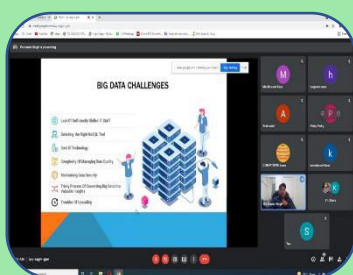
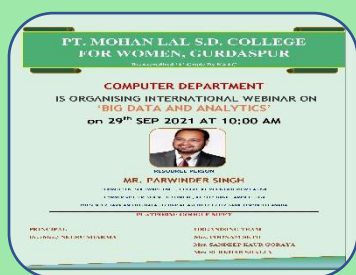
TEACHER'S DAY CELEBRATION



On teachers' Day Celebration, College Principal Dr. (Mrs.) Neeru Sharma and Dr. (Mrs.) Rama Gandotra were honoured by Rotary Club, Gurdaspur. Also, our five faculty members were honored by Bharat Vikas Parishad, Gurdaspur for their contribution in the field of education.

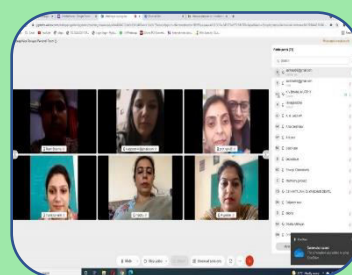
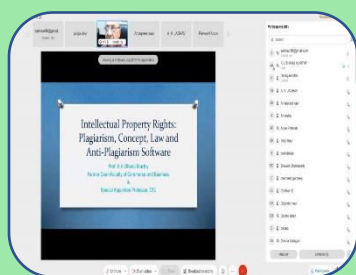


INTERNATIONAL WEBINAR



Computer Science Department organized an International Webinar on 'Big Data and Analytics'. Mr. Parvinder Singh, Former, Sr. Software Engineer Google, presently working as Technical Architect City Bank, Toronto Canada was the resource person. Mr Singh conducted lively session on Big data Analytics. He explained that big data analytics is collecting, processing, cleaning, and analysing large datasets that help organizations to operationalize their big data.

NATIONAL WEBINAR



IQAC of college organized a webinar on 'Intellectual Property Rights- Law, Concept and Plagiarism' in which Prof. K.V. Bhanumurthy, former Dean, Delhi University and presently Professor Delhi Technological University was the resource person.



QUIZ COMPETITION



- District Bureau of Employment and Enterprises, Gurdaspur organized a quiz competition in which Diksha Mahajan bagged 1st position and Navchetan bagged 2nd position.
- Students of Science Department participated in quiz competition organized by Red Ribbon Club, Directorate of Youth Services, Gurdaspur. Two students received cash prize.

WORKSHOP



Fashion Designing Department organised a workshop in which Ms. Sumanpreet was the resource person. She gave training on Jewellery making, Fabric painting and tie & dye etc.



SABHYA CHARAK PROGRAMME



A cultural program was organized by Punjabi and Hindi Department in collaboration with Natali Rang Manch, Gurdaspur in memory of Professor Ishwar Chandra Nanda, the founder of Punjabi drama on his 129th birth anniversary.

GUEST LECTURES



- Third Pt. Mohan Lal Memorial lecture was organised in the college on 'Human Values'. Dr. Vijay Mehta Dean, Arts and Humanities, Arni University was the guest speaker
- Science Club of college organised a guest lecture on 'Science Education and Career for Women' in which Dr. Paramjit Singh Bagga, Ex. Professor & Director, Punjab Agriculture University was the resource person.



INTERNATIONAL DAY FOR THE PRESERVATION OF OZONE LAYER-2021



The college in collaboration with ENVIS hub, Punjab State Council of Science and Technology Chandigarh under the Ministry of Environment, Government of India organized National Level Competition to commemorate International Day for the Preservation of Ozone Layer-2021.

SPORTS ACHIEVEMENT



- Ms. Arshdeep won silver medal in National Boxing Championship.
- Ms. Pavneet kaur bagged gold medal in 400 m race at State level Competition held in Ghumana (Gurdaspur).

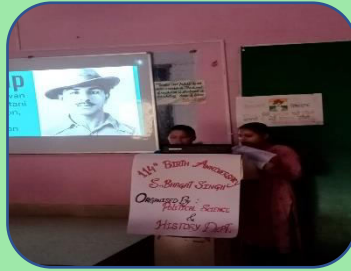


TALENT HUNT: KHOJ EK PRAYAS



A two-day talent hunt event was organised by Youth Club in the college for newly admitted students in which Painting, Dance, Literacy, Modelling competitions were organised. Ms. Gurleen Basra was crowned as Ms. Fresher.

DEPARTMENTAL ACTIVITIES

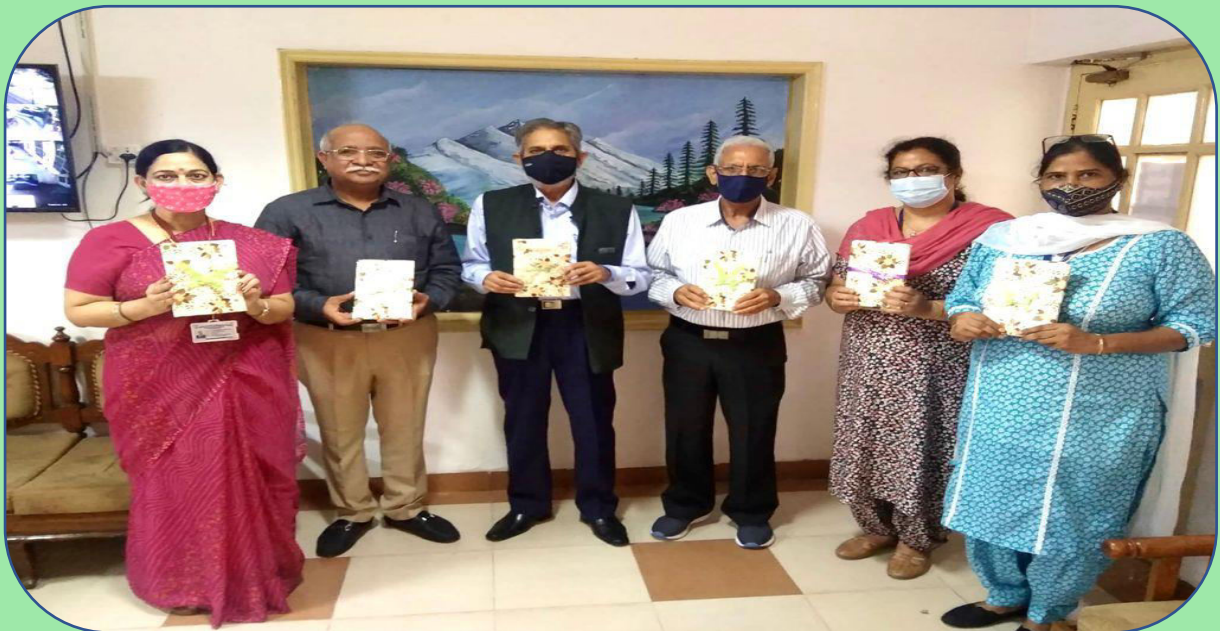


- Women cell of the college celebrated World Literacy Day in which 15 married girls of college were honored for continuing their education.
- To commemorate birth anniversary of S. Bhagat Singh ji students of History and Political Science department paid a rich tribute and remember his sacrifice.
- On Hindi Divas Hindi department displayed their departmental wall magazine.



CONFERENCE PROCEEDINGS BOOK RELEASED

Punjabi and History department of college organized an International Seminar on Guru Nanak Dev Ji. The proceedings were published in a book titled 'Guru Nanak Dev Ji Ek Yug Purush' which was released by our worthy management and madam principal. Researchers from different universities contributed in successful publication of this book.



“मेहनत का नाम ही जिंदगी है”

कुछ करना है तो डटकर चल, थोड़ा दुनिया से हटकर चल ।

बिना काम के मुकाम कैसा, बिना मेहनत के दाम कैसा ।

जब तक ना हासिल हो मंजिल, तो राह में आराम कैसा ।

सोच मत साकार कर, अपने कर्मों से प्यार कर ।

अर्जुन सा निशाना रख, मन में ना कोई बहाना रख ।

मिलेगा एक दिन मेहनत का फल, किसी और का ना इंतजार कर ।

जो चले थे अकेले, उनके पीछे है आज मेले ।

जो करते रहे इंतजार, उनकी जिंदगी मे है झमेले ।

जिस मेहनत को करने से तू आज थर-थर कापता है, इसी मेहनत और तपस्या मे सफलता का रासता है ।

इस दृढ़ता और इस पागलपन को आदत तुझे बनाना होगा, छु सकता है तू हर मंजिल खुद को याद दिलाना होगा ।

हार जीत की सोच रखे बिन मेहनत तुझे अब करनी है, लोगो की कयो बात सुने जब जंग तुझे खुद लड़नी है ।

कोशिश तेरी काया और मेहनत तेरी परछाई है, लोगों की इन बातों से नहीं खुद से तेरी लड़ाई है ।

कठिन राह है काटों वाली किंतु मंजिल में फूल खिलेंगे, परिश्रम तेरा कठिन है किंतु परिणाम तेरे अनुकूल मिलेंगे ।

परिश्रम की गर्मी में खुद को तुझे तपाना होगा, छु सकता है तू हर मंजिल खुद को याद दिलाना होगा ।

सुषमा

B. Com v Sem

BITCOIN CURRENCY

(A Beginner's Guide)

WHAT IS BITCOIN CURRENCY:

- **Bitcoin is a digital currency (also called cryptocurrency) that is not backed by any country's Central bank or Government.**
- **Bitcoin's can be traded for goods or services with vendors who accept bitcoin a payment. Bitcoin is a decentralized digital currency that you can buy, sell and exchange directly, without an intermediary like a bank.**

HOW DOES BITCOIN WORK:

- **Bitcoin is a digital currency (also called cryptocurrency) that is not backed by any country's Central bank or Government**
- **It is a digital currency which operates free of any central control or the oversight of banks or government. Instead, it relies peer-to-peer software and cryptography. A public ledger records all bitcoin transactions and copies are held on servers around the world.**

HOW DOES BITCOIN MAKE MONEY:

- Besides mining bitcoin, which requires technical expertise and an investment in high- performance computers, most people purchase bitcoins as a form of currency speculation.
- For Example, betting that the U.S. dollar value of one bitcoin will be higher in the future than it is today.

HOW DO I MAKE A BITCOIN TRANSACTION:

- When you send that bitcoin to someone else, your wallet creates a transaction output, which is the address of the person you're sending the coin to.
- That transaction will then be registered on the bitcoin network with your bitcoin address as the transaction input.

BITCOIN DURING COVID-19:

- The COVID-19 pandemic has impacted markets all over the world, including that of crypto currencies
- In an exclusive interview with ETBFSI, Sankalp Shangari, renowned Angel investor who works closely with FinTech firms, shares his view on how the narrative on Bitcoin will slowly change post this pandemic.

Ms. Manbir Kaur
Assistant Professor
Commerce Department
Pt. MLSD, GSP

DIGITAL INDIA

India is amongst the top 2 countries globally, just behind China on many dimensions of digital adoption. By 2022, India's digital economy is likely to cross \$1 trillion. This was the focus at the India Digital Summit 2019, held in New Delhi. The summit deliberated on what India needs to become a trillion-dollar digital economy, the challenges on the way forward as well as the threats to cyber security.

Digital India programme

- **Vision Areas**
 - **Digital infrastructure as Utility to Every Citizen**
 - **Governance and services on demand**
 - **Digital empowerment of citizens**
- **Objectives**
 - **To prepare India for a knowledge future**
 - **For being transformative that is to realize IT (Indian Talent) + IT (Information Technology) = IT (India Tomorrow)**
 - **Making technology central to enabling change**
 - **On being an Umbrella Programme – covering many departments**
 - **The programme weaves together a large number of ideas and thoughts into a single, comprehensive vision so that each of them is seen as part of a larger goal**
 - **The Digital India Programme will pull together many existing schemes which would be**

restructured and re-focused and implemented in a synchronized manner

- **Nine pillars of Digital India**
 - **Broadband Highways**
 - **Universal Access to Mobile Connectivity**
 - **Public Internet Access Programme**
 - **Technology e-Kranti - Electronic Delivery of Services**
 - **e-Governance: Reforming Government through technology**
 - **Information for All**
 - **Electronics Manufacturing**
 - **IT for Jobs**
 - **Early Harvest Programmes**

Progress And Impact of Digital Programme

- **Overall, 12000 rural post office branches have been linked electronically. Increased in electronic transactions related to e-governance as it is estimated that there are more than 100 cr mobile phones in India**
- **2, 74,246 km of optical fibre network has connected over 1.15lakh Gram Panchayats under the Bharat Net programme**

Initiatives launched by the Government of India

- **Digi lockers—it is a "digital locker" service operated by the Government of India that enables Indian citizens to store certain official documents on the cloud. The**

service is aimed towards reducing the need to carry physical documents.

- **BHIM app**—It is an app to enable digital payments. BHIM app was used to facilitate 913 million transactions in 2017-18.
- **Pradhan Mantri Gramine Digital Saksharta Abhiyan** to make citizen digitally literate. The project is expected to be one of the largest initiatives of the country with an overall target of training 6 crore students until the financial year, 2019. The government has accepted 250,000 Gram Panchayats to register at least 200-300 candidates each.

India's Digital Economy

- **India's digital economy** will touch \$1 trillion by the year 2022. India would be \$10 trillion economy by 2030 and half of it would be the digital economy.
- **Fintech sector**—the Fintech sector in a recent couple of years has seen a huge jump in growth. Digital currency and online payments platforms have played a major role in financial inclusion.
- **Public Services Sector**—steady and efficient digital transformation across areas like e- governance and this has also considerably brought down leakages and corruption. In recent years India performed well in transparency index.
- **Health care sector**—it is catching up to meet the demands of its tech-savvy population. Demand is shifting now to quality and affordable healthcare,

much of it being fulfilled by a public-private partnership.

- Digital healthcare startups are playing a major role in addressing areas like preventive healthcare, analytics, emergency services and engage with super-aggregation platforms like Facebook and Google.
- Enterprise and Deep Technology sector—startups in this sector have made their presence felt globally with their success. The IT services in the country are set to reach USD 13.2 billion by the end of this year.
- E-commerce and Consumer internet sector—India's e-commerce market is set to grow three times to surpass USD 100 billion by 2022.
- Travel and Hospitality sector—this sector has enjoyed rapid online growth since the beginning of this century. The growth is also attributed to the increase in disposable income, especially, among the millennials, who are changing decades of traditional travel trends.

Challenges

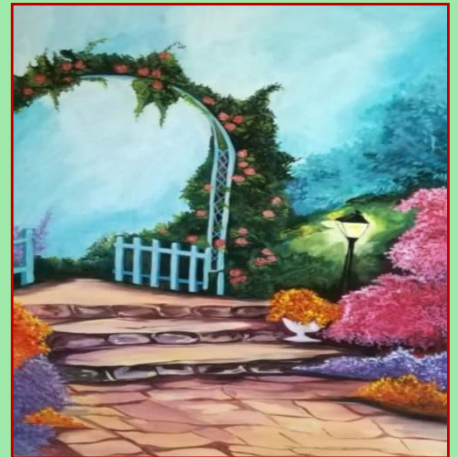
- Slow roll-out of Wi-Fi hotspots and the slow speed, in comparison to other developed nation.
- Most small and medium scale industry is struggling to adapt to modern technology.
- Entry level smartphones have limited capabilities for smooth internet access, and the outreach of the 'smartphones' is limited.
- There is an absence of enough skilled manpower in digital technology.

- **Lack of user education and there are limited facilities to train personnel. India needs over one million cybersecurity experts to check and monitor the growing menace of digital crime.**

MRS. POONAM SETH

HOD COMPUTER SCIENCE DEPT.

**MAGNIFICENT HAND MADE ACRYLIC AND CHARCOAL
CREATION BY OUR BRILLIANT STUDENTS OF FINE ARTS
DEPARTMENT**



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



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