# NEWSLETTER SEPTEMBER2022

# Sadanlal Sanwaldas Khanna Girls' Degree College, Allahabad

( A Constituent College of University of Allahabad )

Accredited at 'A' Grade by NAAC College with Potential for Excellence (CPE, Phase-II): UGC Selected Under Strengthening Component of Star College Scheme: DBT & CURIE Scheme:DST

#### **IQAC-VISION**

DEVLOPING AND APPLYING BENCHMARKS OF QUALITY FOR VARIOUS ACADEMIC AND ADMINISTRATIVE ACTIVITIES OF THE INSTITUTION "

IQAC (2022-23)

(Principal)

Chairperson

Prof. Lalima Singh

#### **Teacher Members**

- Dr. Meenu Agarwal
- Dr.Ritu Jaiswal
- Dr.Archana Jyoti
- Dr.Sippy Singh
- Dr. Tanushree Roy
- Dr.Riya Mukherjee
- Dr.Saumya Krishna
- Dr.Mohd.Akhlagur Rahman

#### Administrative Officer

Mr.Dilip Mehrotra

Nominee Employer: Dr.Asha Seth

Industrialist : Prof. K.K.Bhutani

Stakeholder: Prof.Shanthy Sundaram

Local Society : Justice A.P. Sahi

Trust: Dr.R.K.Tandon

**Management Representative** 

Justice Arun Tandon

Alumni -Dr. Jyoti Baijal

Student Representative -President of Student Council

Director/ Co-ordinator Dr. Manjari Shukla

The purpose of Education is to make good human beings with skill and e xpertise..Enlightened human beings can be created by teachers. A.P.J.Abdul Kalam

From the Desk of the Principal S.S. Khanna Girls' Degree College aims to develop leadership, social and academic skills to prepare students into enlightened citizen and critical thinkers. We believe that each and every student has a gift to share with the world and we work hard to unlock their highest potential. A message to the students: A desire can change nothing A decision can change something but, A determination can change everything.



#### **MENTORSHIP WORKSHOP**

On 27th July 2022, Mentorship Workshop Programme was jointly organized by the Department of Botany, Department of Chemistry and Department of Zoology of S. S. Khanna Girls' Degree College, Prayagraj. In this workshop 23 representatives of 13 colleges from various districts of Uttar Pradesh participated. The first speaker, Dr. Garima Gupta, Scientist F, DBT discussed about various DBT- HRD programmes which are available at different levels such as UG-PG level, early career, Mid-Career in R & D, senior level, Women Scientist fellowships and International Fellowships. Second Expert, member of DBT Task force, Prof. M. K. Thakur gave an account of the need of DBT star college scheme in reference to New Education Policy. Then, a visit of DBT task force members and the participants was undertaken to show the developments and progress in the supported departments. Second session was started with the presentation of Dr. Archana Jyoti, Coordinator, Star College Scheme at SSKGDC. She presented the complete progress report of the sessions 2020-2021 and 2021-2022. Third Expert from DBT, Mr. A.K. Vidyarthi, Under-secretary (Finance), DBT Star College Scheme discussed about financial process involved in the Scheme. All the Technical works for presentations and lectures were coordinated by Mr. Pratyush Sinha, Junior Technical Assistant, DBT.



THE NEWSLETTER, SEPTEMBER2022 ISSUE

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## Cybercrime in Today's World: Understanding the Threat and Safety Protocols

Shivam Mishra Assistant Professor Department of Zoology S. S. Khanna Girls' Degree College Prayagraj

#### Introduction:

In today's digital age, cybercrime has become a prevalent and ever-evolving threat to individuals, businesses, and governments. The increasing reliance on technology and the internet has made us more vulnerable to various cyber threats. This article delves into the current state of cybercrime, its impact, and essential safety protocols to safeguard against these malicious activities.

#### The Prevalence of Cybercrime:

Cybercrime encompasses a wide range of illegal activities, including hacking, data breaches, identity theft, phishing, ransomware attacks, and more. With the proliferation of digital devices and interconnected systems, cybercriminals find numerous avenues to exploit vulnerabilities and wreak havoc on unsuspecting victims. As technology advances, so does the sophistication of cyber threats, making it imperative for everyone to be aware and proactive in their approach to cybersecurity.

#### **Impact on Individuals and Organizations:**

The consequences of cybercrime can be devastating on both personal and organizational levels. Individuals may suffer financial losses, privacy infringements, and reputational damage due to stolen personal information or falling victim to scams. On the other hand, businesses face significant financial losses, operational disruptions, and legal liabilities when targeted by cybercriminals. Governments are not immune either, as cyberattacks can threaten national security and critical infrastructure.

#### **Safety Protocols and Best Practices:**

To combat cybercrime effectively, individuals and organizations need to adopt robust safety protocols and best practices. Here are some essential steps to enhance cybersecurity:

1. Strengthen Passwords: Use strong and unique passwords for all online accounts, incorporating a mix of uppercase and lowercase letters, numbers, and symbols. Avoid using easily guessable information like birthdates or names.

2. Enable Two-Factor Authentication (2FA): Implement 2FA whenever possible, as it adds an extra layer of security by requiring users to provide a second form of authentication before accessing accounts.

3. Regular Software Updates: Keep all software, including operating systems and applications, up to date. Software updates often contain crucial security patches that protect against known vulnerabilities.

4. Phishing Awareness: Be cautious of suspicious emails, messages, or links. Verify the sender's identity before clicking on any links or providing personal information.

5. Backup Data Regularly: Create backups of essential data and store them securely offline or on a different network to mitigate the impact of ransomware attacks and data breaches.

6. Use Secure Networks: Avoid connecting to public Wi-Fi networks for sensitive transactions, as they may be vulnerable to hacking and eavesdropping.

7. Educate and Train: Promote cybersecurity awareness among employees and individuals. Conduct regular training sessions to educate them about the latest cyber threats and preventive measures.

#### **Conclusion**:

In the face of the escalating cybercrime landscape, it is crucial for individuals, businesses, and governments to prioritize cybersecurity. By adopting safety protocols, staying informed about emerging threats, and fostering a culture of cyber awareness, we can create a safer digital environment for everyone. Remember, staying vigilant and proactive is the key to protecting ourselves from the ever-evolving cyber threats of today's world.

## **GREEN CHEMISTRY**

#### Smriti Kushwaha (Research scholar) **Department of chemistry**

Green synthesis is a growing area of organic synthesis that has both economic and environmental benefits and seen as an important component of a larger plan to preserve human health and the environment. Green synthesis is a responsible interdisciplinary approach to science based on chemical, ecological, and social responsibility that allows for innovation and enhance the skills. As a major issue of research, it seeks to find and sustain coherence between the use of natural resources, environmental conservation and economic growth. As a result, researchers have been working hard in recent years to design and develop new protocols that are both environmentally friendly and cost effective, such as using environmentally friendly reagents, solvents, ionic liquids, supercritical fluid extraction catalysis, and alternative energy sources such as microwave irradiation and ultra sound waves. Green synthesis is based on twelve principles of green chemistry that contribute to chemical process sustainability, energy savings, lower consumption of reagents and less damage to the environment and as well as human Paul T. Anastas created the term "green chemistry," which implies health. "judicious use of chemical for pollution control. It entails the development of products and procedures that use environmentally friendly alternatives to limit the production of harmful substances while also lowering costs. Green chemistry has come to encompass a wide range of technologies and chemical features in

#### **CONSEQUENCES OF A STUDENT CHEATING IN EXAMS** Kalpna Upadhyay M.A.(Edu.) sem-lll

Cheating among students has been a well known problem which is difficult to gain knowledge of. There are so many ways for cheating. The major reason which leads to popularity of cheating is that students always desire to have good marks. If students notice that many classmates have high marks, they also want the fame of having good grades. Eventually, students do anything to achieve good marks, even cheating in exams.

The students with low self-esteem cheat on the exam to gain good marks but due to this sometimes the students who was cheating on exams gain more marks than high self-esteem students than they felt that they get good marks but they don't think that this will not the true path to get fame, this will never giving them success or mainly knowledge. This is for that exam only not for future aspects. And also somehow this will affect those students who are really good, that it was happening wrong with them even they are truly working hard so it goes wrong with them and it will also hurting them. But cheating is common, because they face problems in the job or college search. So, it is required for teachers to start informing students at school level about the effects of cheating in exam. They should also come up with harass punishment if a student is caught cheating. This will reduce the cases of cheating, and students should know that cheating in exam is bad.

# MADHU TANDON B.Ed. FACULTY



MASALA FACTORY VISIT Students of B.Ed. subjects commerce economics and geography are visited a masala factory on the date 27-07-2022. This visit is organised by B.Ed. faculty and Dr. V. K. singh and Mr. Saurabh Rashtogi were organisers of this activity.



को डॉक्टर मध् दिनांक 05-09-2022 टडन बीएड की दोनों से मे स्टर विभाग की छात्राध्यापिकाओं ने शिक्षक दिवस का स्वयं आयोजन किया जिसके अंतर्गत उन्होंने तरह तरह के रंगारंग कार्यक्रम की प्रस्तुति दी, कार्यक्रम का चतर्थं समय सेमेस्टर आयोजन भी की छात्राध्यापिकाओं द्वारा किया गय



Both semester students participated in Independence day on 15 August 2022, this activity is a National Day celebration activity and this activity is evaluatory activity.



दिनांक 09–09–2022 को द्वितीय सेमेस्टर की छात्राध्यापिकाओं की शिक्षण सहायक सामग्री कार्यशाला का आयोजन किया गया जिसके अन्तर्गत सभी विषयों की शिक्षण सहायक सामग्री का मुल्यांकन भी किया गया यह गतिविधि सभी शिक्षक प्रशिक्षकों द्वारा सम्पन्न कराये गयी इस गतिविधि का मुल्यांकन भी किया



KHUSRO BAG VISIT Students of history subject students are visited a Khusrobagh on 24-08-2022 . This visit they were seen different historical heritage.

जाया गया छात्राध्यापिकाओं ने वहाँ के मनोरम वातावरण का आनंद उठाया और शैक्षिक भ्रमण का आयोजन किस प्रकार किया जाता है यह भी सीखा

BSc III Physics students participated in Quiz competition in outreach activity at HARISH Chandra Research Institute (HRI) Chatnag, Prayagraj, on 28: 08:2022 in which students got opportunity to attend Lecture on Solar Power delivered by eminent academia. Students also visited M.Sc.





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Department of Zoology, SSKGDC organized a lecture on July 28, 2022 on the occasion of World Nature Conservation Day under faculty exchange program (Through MoU signed between 絲 S.S. Khanna Girls' Degree college and Nehru Gram Bharati Deemed to be University). Dr. Asheesh Shivam, Head, Department of Zoology, NGB(DU), Prayagraj was the invited speaker who delivered lecture on the topic "Environmental low: A Study in River Ganges".

#### A spe-

cial online lecture was organized by the Department of Zoology on 24th September, 2022 under the aegis of Strengthening Component of Star College Scheme of Department of Biotechnology, Government of India. The program was graced by the presence of eminent Speaker and a renowned Neuroscientist Prof. Pankaj Sethfrom National Brain Research Centre, Manesar, Haryana





The Department of Botany had organized a two-days' Hands on training programme on the topic "Maceration Techniques for study of **Plant Fossils**" on 20<sup>th</sup> & 21<sup>st</sup>Sept., 2022.

A Debate competition on the topic "Humans are the main cause of Global Warming" was organized by the department of Botany on 01st Sept., 2022. Students of B. Sc. III & M.Sc. II Sem. were participated in this programme with enthusiasm.





Under the strengthening component of Star college scheme: DBT, New Delhi, an online guest lecture of Prof. Suneel Kateria (Dean, School of Biotechnology, Jawaharlal Nehru University, New Delhi) on the topic "Optobiology: Algae to Human" was organized by the Department of Botany, S.S. Khanna Girls' Degree College on 24<sup>th</sup>Sept., 2022.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* THE NEWSLETTER, SEPTEMBER2022 ISSUE

# SAROJ LALJI MEHROTRA CENTRE OF LEGAL STUDIES

The students of Centre of Legal Studies constituted two clubs namely, "Parizaad," the Theatre Club and "Clique," the Literary and Oratory Club on 25<sup>th</sup> of August 2022. These clubs were formed to help the students to explore their potential and experiment with their creativity to achieve caliber and excellence in the field of their interest.



Another programme was hosted on 26 August 2022 to raise awareness on Women's Equality Day with the slogan #EqualityCan'tWait.





Saroj Lalji Mehrotra Centre of Legal Studies organised a Hindi Literary event called "Akhyat: Ansune Afsaane". This event was organised to highlight and lay down the importance of Hindi Literature of India.

# Nand Kishore Khanna Commerce Faculty

On 28th July, 2022 Nand Kishore Khanna Commerce Faculty and Commerce Association jointly organized a seminar for studentstitled - "Emerging Career Trends post COVID" for the final year graduates. This seminar was conducted in collaboration and support of XL EDUCATION, Prayagraj's leading test-prep institute.



On 25th August, 2022 Nand Kishore Khanna Commerce Faculty and Commerce Association organized a Special Lecture on the occasion of World Entrepreneurs' Day. The theme of the lecture was 'Entrepreneurship, Innovation and Start-ups'. The special Lecture was conducted in offlinemode by the eminent speaker Dr. Deepak Singh, Assistant Professor, Jaipuria Institute of Management Lucknow. He is also CEO, Tech Consultant and an Educator



On 09th September 2022 Nand Kishore Khanna Commerce Faculty and Commerce Association organized a Special Lectureon 'Job opportunities in Finance and Financial Services. The special Lecture was conducted in offline mode by the eminent speaker Prof. Sharadkumar Jha, AssistantDirector, ITM Business School, Mumbai.



