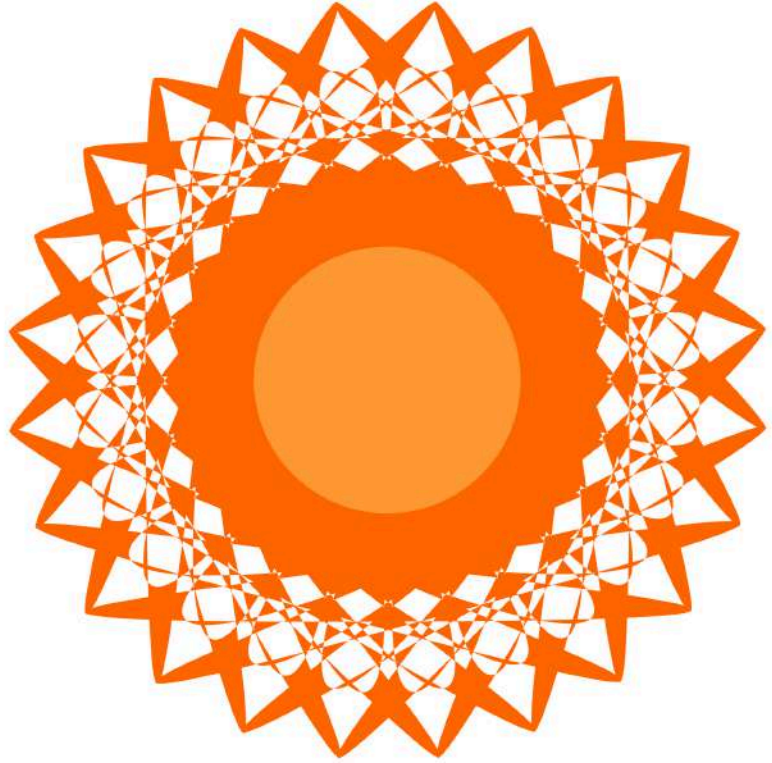




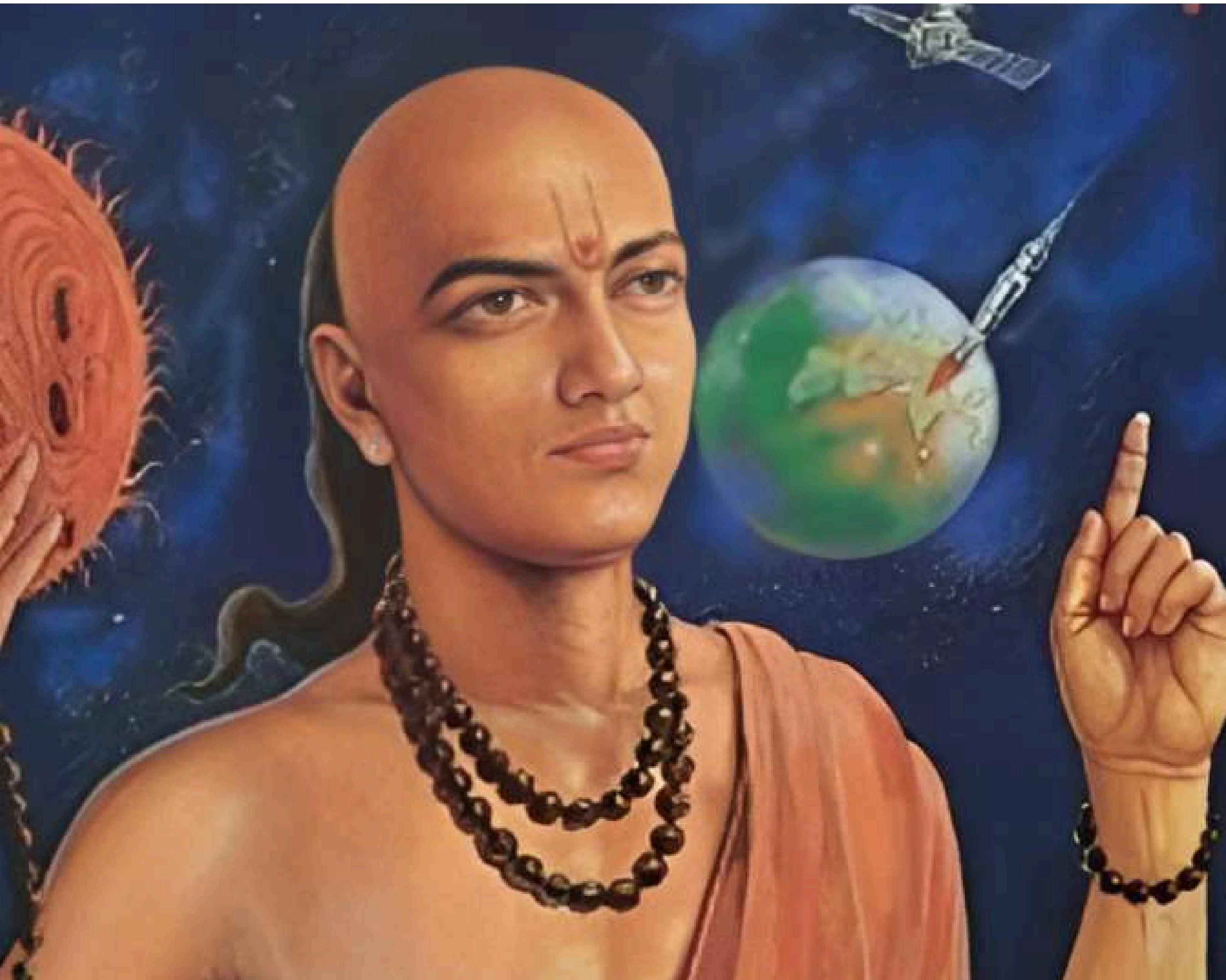
NEWSLETTER



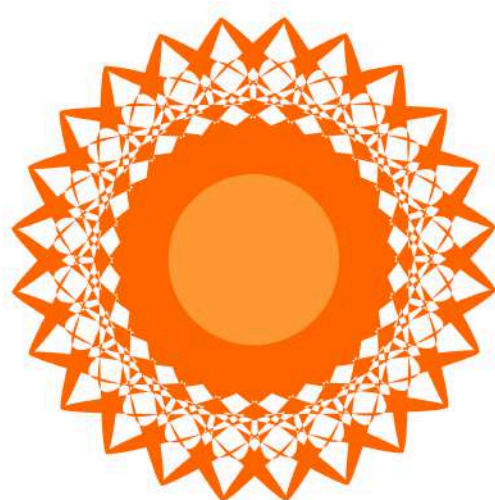
Volume 13 || Period (July - October 2024)



BHASKARज्योति



**BHASKARACHARYA COLLEGE OF APPLIED SCIENCES
UNIVERSITY OF DELHI**



GENERAL INFORMATION

IKS PROGRAM

The University Grants Commission (UGC), Ministry of Education, Government of India, extended its gratitude to Bhaskaracharya College of Applied Sciences for supporting faculty participation in the 'Stage-3: Discipline Specific Training (DST) Programme' under the Indian Knowledge System (IKS) initiative. The programme focusing on Agriculture, Botany, and Water Management took place from July 1-3, 2024 at IIT-Indore, Madhya Pradesh. Dr. Shikha Srivastava, from Department of Botany has successfully completed. This initiative aligns with UGC's mission to promote "Bharatiya Jnana Parampara", and we thank our college for its ongoing contribution to these enriching academic endeavors.

INDEPENDENCE DAY CELEBRATIONS

The Independence Day celebrations is a tribute to India's freedom struggle and its brave freedom fighters and is organised by ECA. The event featured flag-hoisting ceremony, patriotic dance and song performances by Rage and Moksha respectively. Darpan presented an act which showcased and highlighted the struggle, sacrifice, bravery and patriotism of India's freedom fighters. The Chief guest for the event was Lt. Gen. AK Bhatt, who is currently the Director General of the Indian Space Association.



FOUNDATION DAY & PRIZE DISTRIBUTION CEREMONY

The celebration of Foundation Day and Prize Distribution Ceremony of the college was organized on October 05, 2024. It's a special occasion where the college honors the visionary individuals who laid the foundation of this esteemed institution. This event stands as a testament to the dedication and hard work of the entire college community.

Chief guest for the event was Shree Shalesh Kumar, the Sub-Divisional Magistrate of Dwarka. The Dean of Colleges, University of Delhi, Prof. Balaram Pani had graced the event as Guest of Honor. Chairperson for the event was our college's Governing Body Chairman, Prof. Radhe Shyam Sharma.

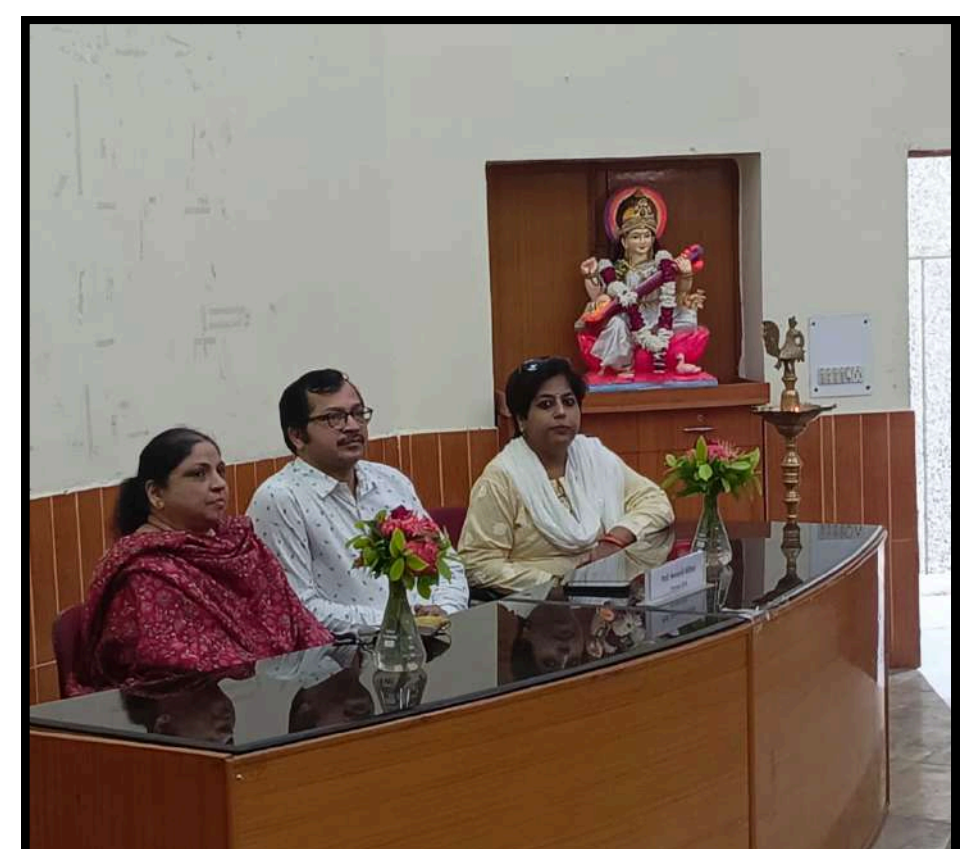
Memorial awards, best student awards in both male and female category and other academic awards were proudly presented to the students for their excellence and hardwork. The eighteenth edition of the college annual magazine, RESONANCE was also released in the event.



ORIENTATION OF BATCH OF 2024

The college organised the 'Orientation of Batch of 2024' on 24 October, which aimed at welcoming and acquainting new students with college life, important notices and information about their courses including academic and ECA activities. The programme started with a welcome speech by our esteemed Principal, Prof. Avneesh Mittal. He provided an overview of various resources such as the library, college website and online portals like BEAMS and BRAHMA. Information about financial aid, academic forums and extracurricular clubs was also shared, helping students feel more at ease with the resources available to support their academic life as well as maintaining holistic growth.

The main aim was to introduce students to NEP 2020 and the framework under which they have been admitted. The students have also been introduced to the newly designed college website which contains all the records of their attendance, notices, upcoming events & activities and the college publications as well.





DEEPOTSAVA & CLUB FAIR

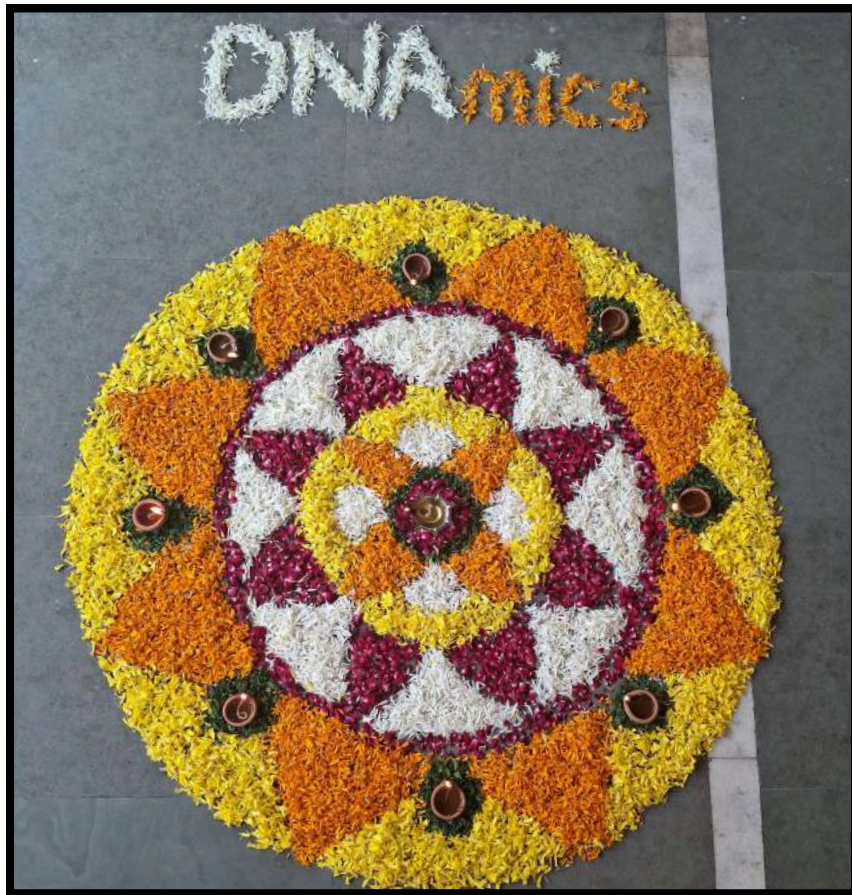
The college's ECA (Extra Curricular Activities Committee) organized 'DEEPOTSAVA' and also 'Club Fair' on October 24, 2024. The college diwali fest, Deepotsav was a vibrant celebration showcasing cultural events and enthusiasm of the students.

The event brought together music, dance and art.

Alongside the fest, the clubs of BCAS came together to create an engaging platform- Club Fair for the students to explore more of their extra curricular interests.



RANGOLI MAKING BY DEPARTMENTS



Department of Biomedical Science

Students: Angilina, Divya Raina, Priyank Raj, Vaishnavi, Meenakshi



Department of Botany

Students: Vaidehi, Riya, Nazuk



Department of Botany

Students: Nidhi, Kshitij, Shreya, Riya



Department of Botany

Students: Parth, Mansa, Manvi



Department of Botany

Students: Sneha, Sonali, Afreen, Neelakshi, Tanya



Department of Chemistry

Students: Vivek, Ashi, Simran, Asha, Gagan



Department of Computer Science

Students: Barkha, Manisha, Lovely



Department of Electronic Science

Students: Anjali, Samparpita, Ritu, Priyanshi, Garima, Anshita



Department of Food Technology

Students: Praket Chadha, Shweta Sharma, Swati Bharti

RANGOLI MAKING BY DEPARTMENTS



Department of Food Technology
Students: Donna, Armana, Komanvi



Department of Food Technology
Students: Niharika, Srishti, Hritika



Department of Food Technology
Students: Ayush Bisht, Ayush Kumar,
Kritika, Nidhi



Department of Microbiology
Students: Vidhi Chandra,
Swetlata, Poulam Pore,
Shashank



Department of Physics
Students: Shweta Pundir,
Archita Gupta, Ritika, Kakul,
Neha, Sapna



Department of Polymer Science
Students: Simran, Anshika,
Samridhi, Akanksha, Koushal



Department of Zoology
Students: Ananya, Ishita,
Amitabh, Wanshika, Vikas,
Muskan, Riddhi, Pragati, Gunn

ACTIVITIES BY CLUBS, CELLS & COMMITTEES

AKRITI- THE MODERN AND FINE ARTS CLUB

AKRITI- The Modern and Fine Arts Club organized an inter college journal-making competition on the theme - "Independence of India (1947)" on August 13 as part of the Independence Day celebration. The participants showcased their artistic skills through creative journal entries, capturing history of India's independence.

In collaboration with Sukshmjeev society of the Department of Microbiology and Microbiologists Society of India (MBSI) a rangoli making competition was organised on the occasion of 'International Microorganisms Day' on October 01, 2024.

In collaboration with Gender Sensitization Committee, BCAS, an Inter College 'Digital Poster Making Competition' was organised on the theme - Beyond Pink and Blue: Redefining Gender Norms/ Drop the Gender Mask, for creating awareness and breaking myths related to Gender biasness in the society on September 30, 2024.



GLIMPSES OF RANGOLI MAKING COMPETITION



ATELIER- CAPABILITY ENHANCEMENT AND LITERARY CLUB

ATELIER: Capability Enhancement and Literary Club, in collaboration with the Departments of English and Mathematics at BCAS, held an online letter-writing competition from August 10-15, 2024, to honor Independence Day. Themed around letters to freedom fighters, the event aimed to strengthen integrity, collective conscience, and critical thinking while fostering participants' imagination and expression.

Winners:

- 1st Place: Moksharth Arora, Polymer Science, 3rd Year, BCAS
- 2nd Place: Kanak Gupta, Biomedical Science, 3rd Year, BCAS
- 3rd Place: Kartik Sindhu, History, 3rd Year, Hansraj College

ASTRONOMY CLUB

The Astronomy Club organized two exciting events on August 23, 2024, to celebrate National Space Day (NSPD) to help students learn more about India's incredible space accomplishments and plans.

1. Live-streamed Event: "Touching Lives While Touching the Moon- India's Space Saga," where Dr. Jitendra Singh announced that an Indian astronaut will land on the Moon by 2040. The event also featured President Draupadi Murmu, who spoke about India's achievements in space exploration.

2. Astronomy Quiz: The club organized a two-round quiz competition, with students from various departments participating. Three winners were selected and awarded certificates.



ANTI-DRUG AND TOBACCO CELL

Anti-Drug and Tobacco Awareness Campaign

On August 14, the Anti-Drug and Tobacco Cell, in collaboration with the NATIONAL CADET CORPS (NCC) and DARPAN- Dramatics club organized an event titled "Viksit Bharat 2047." The activities included a plantation drive, slogan writing competition, anti-drug pledge, and a rally on drug addiction. The event aimed to promote awareness about the harmful effects of drugs and tobacco, inspiring participants to work towards a drug-free India.

Awareness Campaign with NTCP

On September 24, the Anti-Drug and Tobacco Cell and Akriti- The Modern and Fine Arts Club, in collaboration with NTCP, South West District, Delhi, hosted an awareness event on the college campus. Activities included an anti-drug pledge, declamation competition, poster-making competition, and a seminar delivered by NTCP experts. The event effectively highlighted the dangers of substance abuse and the importance of a tobacco-free lifestyle.

Participation in UDGAAR 2024

The Anti-Drug and Tobacco Cell participated in the Mega Youth Fest UDGAAR 2024 on October 18, at Delhi University Stadium, themed "Making India Addiction-Free." Renowned speakers such as Dr. Virendra Kumar, Shubhakar Mishra, and Rajat Sharma addressed the audience. The team gained valuable insights from the sessions, further motivating their efforts toward addiction prevention.



CAREER COUNSELLING CELL

The Career Counselling Cell organised a lecture on 'Career Scope in the Field of Health Sciences' on October 24, 2024. Dr. Divya Tripathi, professor at UPES, Dehradun, was invited as the speaker.

She gave valuable insights into career options in the medical field, and highlighted the importance of the multidisciplinary approach to studying and exploring various fields at the undergraduate level. It was an impactful learning experience for students.



CONFIANZA- THE DEBATE CLUB

Confianza, Debate Club of Bhaskaracharya College of Applied Sciences in collaboration with National Edu Trust of India and Eco Club, BCAS organized Group Discussion on "Sustainable Living: Individual Choices vs Systemic Changes".

The group discussion was organised as a part of '30-days challenge' by National Edu Trust of India. It provided a platform for students to delve into the complex interplay between individual actions and systemic changes in addressing environmental challenges. Participants engaged in a lively debate, presenting compelling arguments from both sides.

Those advocating for individual choices emphasized personal responsibility in fostering sustainable practices. They highlighted the power of small actions, such as reducing waste, conserving energy, and adopting plant-based diets, in collectively creating a positive impact.

On the other hand, proponents of systemic changes argued that individual actions alone are insufficient to address the root causes of environmental degradation. They emphasized the need for government policies, corporate accountability, and technological innovations to drive large-scale transformation.

The discussion showcased the students' critical thinking, communication skills, and understanding of the complex issues surrounding sustainability. The event was a success, fostering thoughtful dialogue and inspiring participants to consider their role in creating a more sustainable future.



PRANAHI- THE ECO CLUB

Plantation drive: EK PED MAA KE NAAM #Plant4Nation

Plantation drive was held in July, August and September 2024 in our college. Students and staff actively engaged in the campaign named as “Ek Ped Maa Ke Naam” under the Green Action plan 2024-25.

On July 2024, a plantation drive was organized. The event was graced by Shri Ghanshyam Gupta Zaveri, National President, Khatu Shyam Dham as Chief Guest, Prof. Avneesh Mittal (Principal), staff and students.

Another drive was organized on August 14, 2024 during Independence Day Celebrations. This event was graced by Lt. Gen. Anil Kumar Bhatt as Chief Guest, Prof. Avneesh Mittal (Principal), staff and students.

During the plantation drives, Arjun, Tikoma, Gulmohar, Neem, and Philkan trees were planted. In addition to this, variety of medicinal and fruit-bearing trees were also planted to attract birds and maintain ecological balance and biodiversity. These drives were organized by Eco club “Pranahi”, Gardening Committee and NCC.



30-Day Environmental Challenge

Our Eco Club in collaboration with the National EduTrust of India, NEI has successfully completed the 30 -Day Environmental Challenge during August-September 2024 with full enthusiasm and active participation from the students of our esteemed college. It was a focused effort for the purpose of bringing in sustainable living and increasing awareness about the environment.

Multiple activities were organized under this challenge and main highlights are students participating in waste and recycling audit, repairing old LED bulb in the Instrumentation Laboratory, preparing nutrient-rich compost in the college, preparing bio enzymes, sustainable cleaning agent and growing microgreens and preparing salad from them.



Green Diwali celebrations

Our Eco Club has organized a ‘Green Diwali Celebration’ event on October 24, 2024. Two ecompetitions were organized under this event which are ‘Sustainable gift and paper bag making’ and ‘Diya painting’. During the event, the students actively participated and made sustainable gift and paper bags and also painted beautiful diyas and decorated them.



ACTIVITIES BY DEPARTMENTS

DEPARTMENT OF CHEMISTRY

On September 23, 2024, the Alchemy society organized several events to support Chemistry students in exploring academic and career opportunities:

- Career Lecture: Mr. Pradeep Rajput from ChemAcademy presented emerging career paths and advancements in chemical sciences.
- Alumni Meet: Alumni shared advice on pursuing master's programs and preparing for exams, fostering strong professional connections.
- Orientation: Faculty and students highlighted the department's history and presented projects in green chemistry and drug synthesis.

The society also celebrated Teachers' Day on September 5, honoring faculty with engaging activities that strengthened bonds within the department.



DEPARTMENT OF PHYSICS

The Department of Physics organized several key events recently:

Invited Talk: Alumnus Deepak (2012-15) delivered a lecture on "Memristors" on October 3, 2024, followed by a career Q&A session with students.

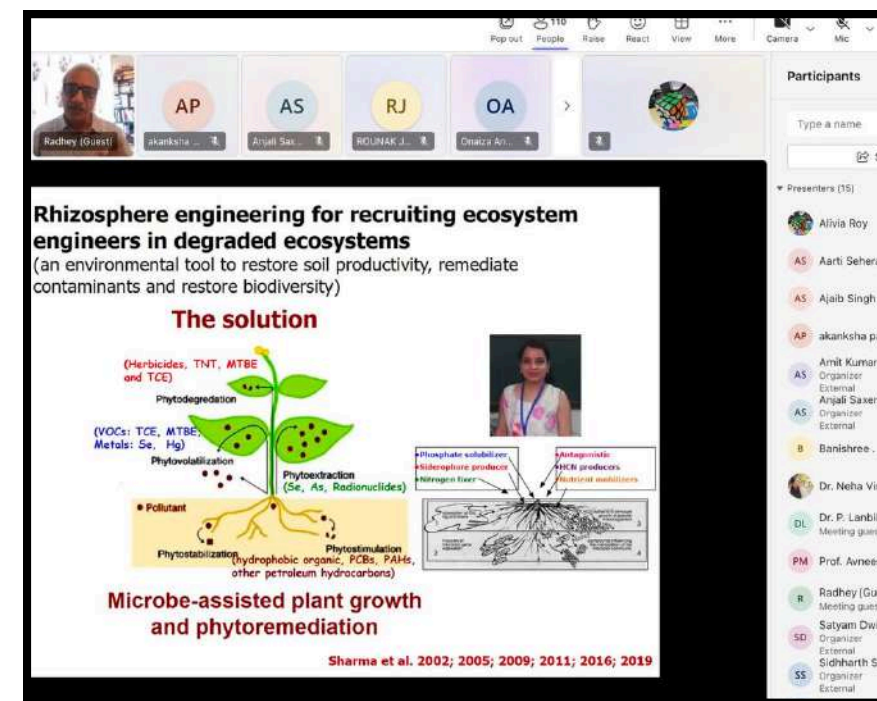
National Physical Laboratory Visit: On October 1, 2024, students explored research facilities and interacted with scientists during the Open Day.

Alumni Achievement: Atul Mishra (2016) cleared the UPSC exam with AIR 94.



DEPARTMENT OF ZOOLOGY

1. The Department of Zoology and the Accounts Department organized a seminar on 'Financial Literacy and Cyber Frauds' in collaboration with Canara Bank on 23rd October. The event highlighted the importance of managing personal finances effectively and recognizing the risks associated with digital financial transactions.
2. Organized an online Slogan Writing and Photography Competition during 'National Wildlife Week' (October 2-8, 2024) with an aim to raise awareness about wildlife conservation. Enthusiastic participants across various DU colleges showcased their creativity through impactful slogans and captivating wildlife photographs.
3. Organized a Short-Term Course on 'Bioinformatics: Basic to Advanced' from 16th September to 1st October, aimed at equipping participants with both foundational and practical knowledge in bioinformatics. The course featured expert lectures from many distinguished resource persons such as Prof. Indrakant Singh, Dr. Vipin Gupta, Dr. Rashmi Kumari, Dr. Imtaiyaz Hassan etc. The event witnessed an overwhelming response of more than 100 participants across the nation. This comprehensive course provided participants with a strong understanding of bioinformatics tools and techniques for analyzing biological data.
4. Organized a seminar on 4th September titled 'The Microbiome Connection: Bridging Microbial Life and Human' with Dr. Anil Kumar, Staff Scientist V, National Institute of Immunology. Dr. Kumar delivered an insightful lecture highlighting the intricate relationship between microbial communities and human health, emphasizing the potential of microbiome research in understanding diseases and advancing healthcare. The event also featured a Poster-making competition on themes like Microbiome Innovation for a Sustainable Future, Microbiota in Health and Diseases, and Microbiome Evolution, fostering creativity and awareness among participants.



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