



e-NEWSLETTER



BHASKARज्योति

January - March 2024

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*Bhaskaracharya College of Applied Sciences
University of Delhi*



**NAAC GRADE "A++" ; NIRF 2023 RANK "22"
STAR COLLEGE DBT**

Viksit Bharat@2047: Voice of Youth Campaign

The Viksit Bharat@2047: Voice of Youth Campaign aims to empower India's youth to shape the nation's future by 2047. College successfully ignited interest and engagement with the campaign through various initiatives. Faculty from the Student Advisory Committee conducted orientation sessions to enlighten students about the significance and objectives of the campaign. These sessions provided a platform for interactive discussions, enabling students to understand the campaign's goals and relevance better. Moreover, faculty members and students actively participated in events like the Nari Shakti conclave and other initiatives organized by the University of Delhi, further contributing to the advancement of the campaign's objectives.

A google form circulated among students yielded responses emphasizing the importance of education, skill development, and environmental conservation for achieving sustainable development goals. The selfie point featuring Shri PM Modi, showcasing India's cultural heritage, garnered positive responses, deepening students' connection to the campaign.

(Convener: Dr. Vandita Gupta)



Interaction with Alumni on Career Opportunities

February 22-March 4, 2024

Alumni Committee organized Seminars/Panel Discussions in the collaboration with BCAS Departments, where Alumni were invited as Resource Persons:

February 22, 2024

Entrepreneurship, Startups and Social Impacts

CS.Net, Society of Department of Computer Science

Ms. Kamna Hazrati, Founder, And Purpose

February 24, 2024

Unveiling Advances in Molecular Diagnostics: Spotlight on Tuberculosis

DNAmics, Society of Department of Biomedical Science

Dr. Deepali Joon, Assistant Professor, SGTB Khalsa College, University of Delhi

Growth and Alignment of Food Industry: Vision for Viksit Bharat

AMBROSIA, Society of Department of Food Technology

Mr. Nikunj Suneja, Manager-Packaging Buying Operations, Mars Wrigley

Ms. Anusuya Borah, Business Development Manager
Nutra and Pharma, Givaudan India Pvt. Ltd.

Industrial lab testing & biodegradable polymers

PEARLS, Society of Department of Polymer Science

Dr. Sampa Saha, Associate Professor

Department of Material Science and Engineering, IIT Delhi

Dr. Sudha Joshi, Company Polymer Testing Analyst,
Narang Metallurgical and Spectro Services, Delhi

March 4, 2024

Alumni Interaction

SUKSHMJEEV Society, Department of Microbiology

Ms. Archana, pursuing Ph.D. Nanoscience at Jawaharlal
Nehru University, India on Revolutionizing Healthcare: The
Role of Nanotechnology in Sensor Development.

(Convener: Dr Ragini Jindal)



Internal Quality Assurance Cell (IQAC) ***International Conference on March 7, 2024***

IQAC organized an International Conference on “**Food Systems: A sustainable approach to health, nutrition and environment**” in collaboration with Coalition for Food Systems Transformation in India. There was a Panel Discussion on “**Rethinking Food Systems: Nutritional security, safety, sustainability, and consumer behaviour**”. The panellists were Ms. Nadine Bader representing GIZ Germany, Dr. Aparna Dhawan- the head of Quality and standards in CII, Dr. Rajendra Dobriyal-scientific and regulatory affairs, Coca cola India and Southwest Asia.

Dr. Shankar Goenka-Managing director of GO Green LLP and Mr. Rijul Bahree-representing Cosmo films. The panel discussion was around the use of AI tools in achieving sustainable agriculture, initiatives taken by Coca cola to follow SDGs including ‘Unnathi’ which was started from Andhra Pradesh and Telangana, relation of migration and nutritional status, behavioural impacts on sustainability, packaging and sustainability and Food systems transformation having seven labs. The panel also highlighted Linear and Circular Recycling, Community Nutrition Garden, Polylactic Acid Packaging. It was followed up by the question and answer session in which various questions were asked on sustainability and food security.

(Convener: Prof. Eram S. Rao)



National Cadet Corps (NCC)

NCC cadets of BCAS attended the NCC PM RALLY which was organized on January 27, 2024 at 1700 hrs in the General Cariappa parade ground, Delhi Cantt.



Red Ribbon Club (RRC)

The RRC is a voluntary on-campus intervention program for students in educational institutions to create awareness about AIDS among the youth.

The Red Ribbon Club (RRC) at BCAS is started in August 2023 under the aegis of National AIDS Control Organization (NACO) for the prevention, control and care & support programmes.

The World AIDS Day-2023 was observed on December 1, 2023 for creating awareness and increasing comprehensive knowledge of HIV/ AIDS among the youth by organizing various events like Poster Making Competition, Tree Plantation Drive, Pledge and Awareness Campaign Drive. The theme was “**Remember and Commit**”. Dr. K. S. Baghotia, Head, Academics and Research, Indira Gandhi Hospital, Dwarka, New Delhi was invited as the Chief Guest.

The RRC celebrated National Youth Day in January 2024 to draw attention to youth concerning issues in the nation by organizing various events comprising of Slogan cum signature Campaign, Tree Decoration and Reel Making Activity.

AIDS awareness program was also organized on January 24, 2024 for the students of classes 11th and 12th of Government Co-Ed Senior Secondary School, Sector- 2, Dwarka, New Delhi.

(Convener: Dr. Uma Dhawan)

Women Development Cell

The Women Development Cell (WDC) organized various events aimed at promoting women's empowerment, health, and social awareness.

A Health and Wellness Counselling session was held on December 1, 2023, covering stress management, nutrition, mental health, and physical fitness, with individual consultations offered.

A two-day self-defense training session was conducted for female students, led by Head Constable Ms. Samita, on February 8-9, 2024.

International Women's Day was celebrated on March 11, 2024 and featured lectures on women's safety by Delhi Police and Financial Literacy by ICICI Bank. Various events like the Slogan Writing Competition and "Saree Mein Naree" showcased talent and celebrated women's achievements.

(Convener: Dr. Meenakshi Garg)



Departmental Activities

Department of Botany

Botany society organized the annual techno-fest Blossom V to commemorate National Science Day, February 28, 2024.

An educational field trip to Botanic Garden of Indian Republic (BGIR), Noida was organized in April, 2024 for the students of B.Sc. Botany (H).

Regular visits to research laboratories at Indian Agricultural Research Institute (IARI), and Mushroom House at Kirori Mal College, University of Delhi.

(TIC: Dr N. S. Abbas)



Department of Chemistry

Prof. Ram Mohan, Department of Chemistry and Biochemistry, Illinois Wesleyan University delivered a lecture on **“Better Living through Green Chemistry”** on January 8, 2024.

Organized **“RASAYAN UTSAV 2024”** on February 27, 2024. The event commenced with an inaugural ceremony and an enlightening lecture by Mr. Rakesh Hooda, the esteemed CEO and Founder of Tech Fresh Pvt. Ltd. on "How to Become the Leader of Life”.

Kamlesh Kumar (AIR-129), Shivanshu Sharma (AIR 244), Akansha Katoch and Tejaswi cleared IIT-JAM examination 2024.

(TIC: Dr. Lalit Kapur)



Department of Electronics

Orientation program was conducted for III and II year students on January 10 and 11, 2024, respectively. A visit to DUCAT, Kohat Enclave was organized on February 9, 2024. The conveners were Dr. Manoj Tiwari and Dr. Jitender Kumar. Dr. Swati Sharma was the faculty coordinator.

(TIC: Dr. Manoj Tiwari)



Department of Food Technology

Educational visit to Indian Institute of Packaging, Delhi on March 13, 2024 was arranged to have hands-on experience during the visit and allowed students to deepen their understanding of packaging materials, testing methodologies, and design principles.

(TIC: Dr. Rizwana Haleem)



Department of Zoology

The Department of Zoology celebrated its annual fest “**Zoosangam 2024**” from February 8-9, 2024.

A visit was organized to National Zoological park, New Delhi on February 21, 2024 for the B.Sc. (H) II year Zoology students. Another visit was organized for the III year students to CIIDRET and CIF of University of Delhi, South Campus on March 13, 2024. Prof. Vijay K. Chaudhary and Prof. Amita Gupta from Department of Biochemistry provided information regarding research being carried out in their laboratories on infectious/non-infectious diseases and antibiotics.

(TIC: Prof. Siddharth Sirohi)

Department of Human Communication

"एक मुलाकात खुद से", an open mic event, was organized in association with Committee for Students Mentoring and Holistic Development, on February 23, 2024, on the campus. The aim was to help students dive into the world of self-exploration, helping each participant understand themselves, including their cultural, social, and personal facets. (TIC: Dr. Madhulika Bajpai)



Department of Mathematics

Debate competition on the topic “**Artificial Intelligence will replace Human Intelligence**” was organized on February 15, 2024 in collaboration with Debate Club.

Creative Writing Competition on “**India-The Land of Diversity**” was held on February 27, 2024 to commemorate Antarrashtriya Matribhasha Divas. The event was conducted in collaboration with North East and Regional Inclusiveness Cell, BCAS and Department of Botany, BCAS.

International Pi Day and birth anniversary of Shri Bharathi Krishna Tirath ji was celebrated by organizing Vedic Mathematics Quiz and Poster making Competition in collaboration with Bhaskaracharya Cell, BCAS on March 14, 2024.

(TIC: Dr. Ragini Jindal)



Department of Polymer Science

A Visit for II and III Year students to Polymer based exhibition “**Plastfocus 2024**” organized on February 2, 2024 at Yashobhoomi, Dwarka, Delhi.

Polymer Science Department in collaboration with Food Technology & Biomedical Science organized “**Trinexus 2024**”, Annual Departmental Fest on February 24, 2024.

An educational trip to Indian Institute of Packaging, Delhi for Polymer Science III Year students was held on March 13, 2024.

(TIC: Dr. Saroj Kumar Shukla)



Department of Biomedical Science

Students attended a Cancer Awareness Program on February 6, 2024 at Manipal Hospital, Dwarka.

Celebrated annual departmental festival “**Trinexus 2024**” along with the Department of Polymer Science and Food Technology on February 24, 2024.

Ritam Halder (III year) obtained the I Position in Terre green Olympiad. Stutie, Abhraneel Gupta and Muskan Gupta obtained AIR 28, 34 and 69, respectively in the IIT-JAM examination 2024.

(TIC: Dr. Shivani G. Varmani)



Annual Day Celebration: Srijan 2024

The ECA committee hosted the annual cultural fest "Srijan" on March 8, 2024, with a spirited inauguration led by Prof. Avneesh Mittal, Dr. Bhavya Deep, and Mr. Manas Pratap Singh. The event united college faculty, staff, participants, and students, setting a vibrant tone. Beyond performances, it fostered intellectual discourse and artistic exploration. The festival culminated with a grand valedictory ceremony, honored by Prof. Ravinder Kumar, Dean of the Culture Council, University of Delhi.

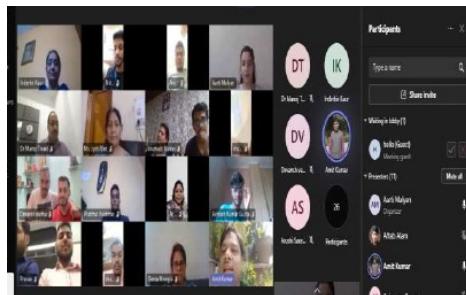
(Convener: Dr. Bhavya Deep)



Parent-Teacher Interaction Session

Parent-teacher interaction session was conducted by all the departments from March 26-28, 2024. Students of all three years, their parents and the faculty members of department participated in the meeting. The primary objective was to keep parents informed about their children's academic and extracurricular achievements, as well as their overall progress. Additionally, the event aimed to offer guidance on career exploration, opportunities for further studies, and assistance in navigating the path towards higher education or vocational training.

During the interaction, parents received updates on the college's academic performance and departmental activities. Faculty members addressed parents' inquiries regarding their children's academic performance, including grades, attendance, and overall course progress.



Club Activities

Atelier in collaboration with the Department of English, hosted a workshop on **“Role of Reading in Liberating Imagination”** on March 15, 2024.

Atelier **“The Capability Enhancement and Literary Club”** in collaboration with ECA organised a story recitation competition ‘Switch Tales’ on March 8, 2024. (Convener: Dr. Satyawati)

Character Clash **“Dissecting The Debatable”** event was organized by Debate Club on March 8, 2024. (Convener: Dr. Alivia Roy)

Drug Abuse e-Pledge on **"Say Yes to Life, No to Drugs"** was organized by Anti Drug and Tobacco Cell on February 9, 2024.

Mr. Vibhaor Milani participated in four days workshop on **“Portraiture and Photography”** organized by Culture Council, University of Delhi from January 30-February 2, 2024. (Convener: Dr. Anil Barak)

A workshop on papermaking using paper recycling unit was organized by eco club "PRANAHI" on March 20, 2024.

A cleanliness drive was held by eco club around the College Campus on March 11, 2024.

“Best out of waste competition” was organized by Eco Club on March 7, 2024.

“Flower Arrangement Intercollegiate Competition” was organized in collaboration with garden committee on February 29, 2024 (Convener: Dr. Amandeep Kaur)



Awareness Activities

Skit and Poster making competition on “**Tobacco Awareness**” was organized by Darpan-The dramatics Club and Akriti-the Modern and Fine Arts Club, respectively in collaboration with Integrated District Health Society on February 27, 2024.

(Convener: Dr. Kapil Roy and Dr. Catherine Paul)

Eco club students and faculties went to Chhat Ghat for Yamuna River and Ghat Cleaning on February 25, 2024.

(Convener: Dr. Amandeep Kaur)

An Extempore Competition on the theme “**Gender Sensitization**” was organized by Gender Sensitization Committee on February 5, 2024. The participants shared their views on various topics pertaining to Gender related issues.

(Convener: Dr. Inderbir Kaur)



Faculty Achievements

Collaborating with ISRO and Rajdhani College a project “U.V. radiation monitoring program for climate and health studies, was initiated. The primary goal of this program is to monitor surface reaching UV-A and UV-B. Instruments consisting of various sensors to measure UV radiation have been installed on the rooftop of Principal Block.

(Convener: Dr. Parth S. Pal)

Dr. Anjali Saxena, Assistant Professor, Department of Zoology and Ms. Shivi Naharae, Student, B.Sc (H) Microbiology bagged the prestigious funding for the first round in Hackton 3.0 under the Incubation Component of MSME Innovative Scheme (Incubation, Design & IPR) of MSME Champion Scheme for GoI assistance-reg.



Invited Talks

January-March 2024

S. No	Date	Topic	Guest speaker	BCAS Convener/ Department/Committee/Cells)
1	08-02-2024	1. My scientific contributions towards malaria elimination goal 2. Road to success	Prof. Shailja Singh (Special Centre for Molecular Medicine, JNU, New Delhi) Mr. Beni Kinha, Founder, Nectar Factor Foundation	Prof. Sidharth Sirohi TIC, Dept. of Zoology
2	12-02-24	Digital Marketing	Mr. Sachin Sharma, CEO, Creative SEG	Dr. Jitendra Kumar, Department of Electronic Science, BCAS
3	13-02-2024	Close the care gap: Come together to fight Cancer	Dr. Preeti Vijyakumaran, Associate Consultant, Surgical Oncology	Dr. Neha Singh Department of Biomedical Sciences and Dr. Catherine S. Paul, Department of Microbiology, BCAS
4	15-02-2024	Legal Awareness on POSH Act and IT Act	Ms. Niyati Sharma, Advocate, Delhi High court member, ICC, BCAS	Dr. Inderbir Kaur Gender Sensitization Committee and Internal complaint Committee
5	21-02-24	Pre-Placement Talk	Mr. Sunil Dua, Senior Regional Head, T.I.M.E	Dr. Manoj Tiwari Department of Instrumentation, BCAS
6	21-02-24	Role of Mathematics in Animation	Dr. Jagmohan Rai, Associate Professor (Retd.), Department of mathematics, PGDAV College, University of Delhi	Dr. Ragini Jindal Department of Mathematics, BCAS
7	28-02-2024	Blossom V 1. Polyploid Genomes 2. Interactions, Indigenous system and Human Welfare	Prof. Sandip Das and Prof. Sudeshna Mazumdar Leighton, Department of Botany, University of Delhi	Prof. N. S. Abbas Department of Botany, BCAS
8	07-03-24	Trinexus, Departments: Biomedical Science, Food Technology and Polymer Science	Ms. Anusuya Borah, Bussiness Development Manager, Givaudan Mr. Nikunj Suneja, Manger Mars Wrigley Prof. Sampa Saha, Associate Professor, Department of Material Science, IIT Delhi Dr. Sudha Joshi, Polymer Testing Analyst Dr. Deepali Joon, Department of Zoology, University of Delhi	Dr. Rizwana Department of Food Technology, BCAS Dr. Saroj Kumar Shukla Department of Polymer Science, BCAS Dr. Shivani Varmani Department of Biomedical sciences, BCAS

Invited Talks (January - March 2024)



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Dr. Vandana Batra, Dr. Inderbir Kaur, Dr. Anita Sondhi, Dr. Alivia, Dr. Shailja Singh,
Dr. Satyawati, and Ms. Manisha Thakur
Bhaskaracharya College of Applied Sciences, University of Delhi
Sector-2, Phase-1, Dwarka, New Delhi-110075