



BHASKARज्योति

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Bhaskaracharya College of Applied Sciences (University of Delhi)

NAAC GRADE "A++" NIRF RANK "22" STAR COLLEGE-DBT

Celebrating Indo-French relations in the wake of India's G20 Presidency

INAUGURAL CEREMONY

ACADEMIC AND CULTURAL PROGRAM OF INDO-FRENCH RELATIONS UNDER G-20 INITIATIVE OF CULTURE COUNCIL, UNDER THE AEGIS OF UNIVERSITY OF DELHI

Lamp Lighting Ceremony



Inauguration of the Art, Photography and Women Development Cell product Exhibition



In the spirit of fostering strong ties between India and France, *Bhaskaracharya College of Applied Sciences* as the nodal centre, organised an academic-cum-cultural program 'Celebrating Indo-French relations in the wake of India's G20 Presidency' on September 26, 2023 in collaboration with the Culture Council, Shyama Prasad Mukherji College for Women and Shivaji College, DU. A magnificent spectacle of Indian and French rich cultural heritage was experienced in the forms of Rajasthani folk, French choir rhythmic yoga performance and fusion of Indian and French dance forms by an overwhelming audience of more than 1200 students and staff members.

G20 Valedictory Meet was held on December 27, 2023, witnessed the Hon'ble Vice Chancellor Prof. Yogesh Singh honoring the college for its invaluable contribution towards the Hon'ble Prime Minister Shri Narendra Modi 's Vision. Prof. Avneesh Mittal (Principal), Dr. Shivani G Varmani (Nodal Officer) and Dr. Amandeep Kaur (BCAS, Faculty) received the honor on the behalf of college. Prof. Balaram Pani, Dean, DU ,the patron of the event, unveiled the book of memories , entailing the proceedings of this successful Indo-France G20 Cultural-cum-Academic event.



Excerpts from the interaction with distinguished guests, Mr. Daniel Boeri (French delegate) and Professor Mini Sahini (HOD, Department of Germanic and Romance Studies, DU) by Ms. Nalini (student ,B.Sc.(H) Biomedical Sciences)

Question to Mr. Daniel Boeri: What advice do you have for our students who might be considering studying in France?

Visas are the main concern. You need a visa to study in France. Various Government and well-known universities like European Business School and Polytechnic, etc. are good alternatives for students. Students can also choose general courses such as fine arts, economics, etc. based on their interests. In addition to public institutions, there are also private universities that require specific entry-level tests. However, you can get in touch with the French Embassy if you require any additional information. The embassy officials are happy to answer queries from students.

Question to Professor Mini Sahini: How has France strengthened educational ties with India, and how can this help the two countries collaborate?

France is helping many middle-level workers find jobs. I believe they offer a special scholarship that they send to Delhi University, through which you may schedule appointments in France and they pay for a week's stay.



Traditional Lamp Lighting Ceremony and Saraswati Vandana



Cultural Performances by the Students



Sitar Recital by Students of SPM College



Indian Classical Song by Students of SPM College



Indo-French Dance by Students of BCAS College



French Folk Dance by Students of SPM College

Contd.

Excerpts from the interaction with distinguished guests, Mr. Daniel Boeri (French delegate) and Professor Mini Sahini (HOD, Department of Germanic and Romance Studies, DU) by Ms. Nalini (student ,B.Sc.(H) Biomedical Sciences

Question to Professor Mini Sahini: Can you enlighten us with some opportunities for Indian students that they can avail to collaborate with France?

France has a programme for MA students where they can teach English in French schools in the rural areas. This helps them improve their French. France and Spain both have it. And whoever wants to apply for that program just requires IELTS and basic level French to communicate. Scholarships are non-existent these days, So this is something to help you improve your French.

BSA Formation: 22nd September 2023



Position holders of *Bhaskaracharya Student Association* (From Left to Right: President: Ms. Deepika Hooda, Vice President: Ms. Nyonika Mathur, Secretary: Ms. Kavya Chauhan, Joint Secretary: Tanmay Ranjan Singh, Central Councillors: Mr. Ayus and Anuj Tanwar)

Founders' Day Celebration: 5th October 2023



The *Bhaskaracharya* family celebrated its founders' day on October 5, 2023. To mark the event the presence of distinguished guests Dr. G. R. Chopra (founder Principal), Prof. Balaram Pani, (Dean of Colleges, DU), Prof. Radhey Shyam Sharma (Chairman, GB, BCAS), Prof. Mukesh Mahlawat (Treasurer, GB, BCAS), Major Sachin Negi (Alumni and Shaurya Chakra Awardee, 2023) graced the celebrations along with BCAS staff members, students and parents. (Convener: Prof. Sidhharth Sirohi).



A felicitation ceremony was organised to honour the teaching (Dr. Shalini Sehgal, Dr. Vandita Gupta and Dr. Madhulika Bajpai) and non-teaching staff members (Sh. Pratap Singh, Sh. Surender Kumar, Ms. Beena, Ms. Usha Sati, Ms. Ira Sharma, Sh. Ram Kishan, Sh. Rakesh Bhardwaj, Sh. Vijay Kumar and Sh. Rama Shankar) who had completed 25 years of service at BCAS.

Founders' Day Celebration: 5th October 2023

The college also acknowledged and felicitated students for their academic accomplishments.

Dr Kavita Bhatnagar (2002-05, Food Technology), Sh Ankit Jain (2007-10, Biomedical Science), Major Sachin Negi (2009-12, Physics) and Dr. Arun Kumar Gupta (2012-15, Food Technology) were felicitated with distinguished alumni awards, for bringing glory to the institute through innovation, excellence, exceptional leadership and inspiring others through their distinguished achievements. Under the Best student category, awards were given to Samir Akhtar (B. Sc. (H) Food Technology), and Ashima Jha (B. Sc. (H) Biomedical Science) for year 2019-22; Kaushik Poddar(B.Sc.(H) Microbiology)and Jyotsana Bidaliya (B. Sc. (H) Microbiology) for year 2020-23 for their year based overall performances. Aditya Kumar Singh (2018-21) and Rahul Kumar (2019-22) of B. Sc. (H) Electronic Science, were awarded with the Deepika Wangnoo Memorial Award and Sanchi (2018-21)and Paras Kochar (2019-22) of B. Sc. (H) Physics, were awarded with the Saurabh Grover Memorial Award. In addition to aforementioned special awards, 134 students received first, second, third and overall topper awards in different categories



Career Counselling Activities at the College Premises



Department of Zoology organised a seminar titled "International Education reimagined" on 29th September 2023 where the resource persons Mr. Abhay Tiwari and Ms. Neha Negi, (Overseas Education Industry), vehemently talked about the top universities abroad and the paraphernalia of admissions involved ,including courses, fees and multiple scholarship opportunities for students. (TIC: Prof. Sidhharth Sirohi).



An insightful lecture on "Career Opportunities in Chemistry" was organised by the *Department of Chemistry* on October 12,2023. Mr. Pradeep Rajpoot (Chem Academy) enlightened students about various career options in the field of chemistry. (TIC: Dr Lalit Kapoor).



A workshop on "Career Counselling" was organised by *Department of Computer Science* on October 27, 2023 to help students understand the need for a better career and to have a holistic approach to achieve higher career goals in life.(TIC: Ms. Arti Batra)

Career Counselling Activities at the College Premises



An Interactive Workshop on "How to prepare for Civil Services Examination" was organised by the *Career Counselling Cell* (Convener: Dr. Anita Sondhi) in association with the *Committee for Student Mentoring and Holistic Well Being* (Convener: Dr Madhulika Bajpai) on November 9, 2023. The resource persons Mr. Prashant Sharma and Mr. Abhishek Misra from Drishti IAS Academy provided guidance for preparing for the most coveted services of the country.

Refresher Course of Physics (August 30-September 13,2023)

Bhaskaracharya College of Applied Sciences in association with Teaching Learning Centre of Ramanujan College and Deshbandhu College of University of Delhi organized two-week refresher course in Physics in online mode.

(Programme Coordinators, BCAS: Dr. Partha S Pal, Dr. Ramesh Kumar and Dr. Jitender Kumar)

Promotion of staff members

The faculty members, Dr Ramesh Kumar and Dr. Sandeep Kumar from Department of Physics, and Dr Jitender Kumar from Department of Electronic Science, got promoted from Assistant Professor (Selection Grade /Academic Level 12) to Associate Professor (Academic level 13A) on 29th October 2023.

MOUs signed between BCAS,DU and Department of Microbiology MDSU, Ajmer

Bhaskaracharya College of Applied Sciences and Department of Microbiology, Maharshi Dayanand Saraswati University, Ajmer signed an MOU to conduct academic and research activities. In this regard, Dr. Purnima Anand and Dr. Pawas Goswami participated as resource persons in workshop on 'Serodiagnosis' organised under the 'Bioskill & Bioenterprise Initiative' and 'Coenose Hand Holding Program' which was held from September 18 to 23, 2023 at Maharshi Dayanand Saraswati University, Ajmer.



Raising of National Cadet Corps (NCC) troop (November 22, 2023)

The college recruited first batch of 22 cadets in NCC (Care Taking Officer: Dr. Ramesh Kumar).

Swachhta Pakhwada- Swachhata Hi Seva(1-15 October 2023)



A massive cleanliness drive was organised in the college, following which, Swachhta pledge was taken by all the students and staff members to remain committed towards cleanliness and devote at least 100 hours per year to work voluntarily for cleanliness. They pledged to educate members of their society about the importance of clean surroundings, propagate the message of the Swachh Bharat Mission in villages and towns and cooperate in the efforts of the Government of India towards making our country clean. All the staff members of BCAS actively participated in the cleanliness campaign on October 1, 2023 between 10 am and 11 am on the eve of Gandhi Jayanti in the light of the theme “Ek Tareekh – Ek Ghanta Programme” in the light of Swachhta Abhiyan campaign.

(Convenor: Prof. Geeta Mongia)

Fresher's Party (October 11,2023)

The Freshers 2023 was organised at amphitheatre in college premises. The renowned singer Shivam Chowhan was invited for his performance making the day memorable. The event also witnessed selection of winners for the title of Mr. and Ms. Bhaskaracharya who were selected through competitive rounds.(Convener: Dr. Vandita)



Deepostav Celebrations (November 8,2023)



The annual Diwali event 'Deepostav' was celebrated in college premises. The campus was decorated in which each department participated actively. Stalls were set up in the ground by the college students and NGOs for selling food items, decoration items, for interesting games, putting mehendi, etc. (Convener: Dr. Bhavya Deep)

Sankshipta Ramayana (November 7, 2023)



The students of the *Department of Zoology* staged Sankshipta (abridged) Ramayana. They played the characters of Lord Rama, Lakshman, Mata Sita, Hanuman, Ravana, etc. This staging apprised our young generation about the values established by Lord Rama and the importance of the festival of Diwali which was celebrated on his arrival in Ayodhya. (Convener: Prof. Sidhharth)

Awareness Activities

- **Engineering Trivia (September 15, 2023)**

The *Department of Instrumentation* organised 'Engineering Trivia' on the occasion of Engineer's Day. A quiz was planned related to engineering concepts. Students improved their communication skills and got knowledge about the importance of engineers and engineering concepts in day to day life. (TIC: Dr. Jitendra Kumar)



- **One day Workshop on Financial Literacy (September 19, 2023)**

The *Department of Computer Science* organised a one day workshop on "Financial Literacy" to enhance financial and interpersonal skills. The resource person was Mr. Vivek Pathak from Be. Artsy (Awareness Partner to spread Financial Literacy). (Convener: Prof. Sangeeta Srivastava)



- **Visits to NPL (October 4, 2023) and ST Microelectronics (November 1, 2023)**

The Departments of Instrumentation and Electronic Science organised visits to the National Physics Laboratory and ST Microelectronics for the students and they gained information about the Research facility available in the Research Labs. (TICs: Dr. Jitendra Kumar and Dr. Manoj Tiwari)



- **Reel making competition (November, 2023)**

The *Red Ribbon Club* (Nodal Officer : Dr. Uma Dhawan) in association with the *Film club* (Convener: Dr. Yagyadutta) organised a 'Reel making competition' to create awareness and enhance comprehensive knowledge of HIV/AIDS among the youth.



Awareness Activities

- **Obesity Assessment Camp (October 6, 2023)**

The *Department of Physical Education and Sports committee* organised a one-day health camp called 'Obesity Assessment Camp 2.0' to create awareness amongst the college staff and students, especially about the diseases associated with obesity and overweight. A total of 155 participants attended the camp. (Convener: Prof. Anand Bhardvaja; Director, Physical Education: Mr. Mohit Sharma)



- **National Workshop on Raising Urban Air Quality (October 10,2023)**

The *Department of Zoology* in association with Environmental Pollution Laboratory (EPL), Department of Environmental Studies, University of Delhi organised a National Workshop on “Raising Awareness on Urban Air quality, Climate Change, Health and e-resilience, sponsored by Department of Science and Technology. About 90 participants participated in the event held at BCAS. (TIC: Prof. Sidhharth Sirohi)



- **Thalassemia Screening Camp (October 16, 2023)**

A Thalassemia screening camp was organised by the *Equal Opportunity Cell and Committee for Inclusive Education* in collaboration with its MoU partner Vision Divyang Foundation, Rotary Club of Delhi Vision 3012 and Rotary Club of Safdarjung Delhi 3011 at BCAS on October 16, 2023. More than 100 students participated in this camp. (Coordinator: Dr. Pawas Goswami)



Awareness Activities



- **Unity Run (October 31, 2023)**

On the occasion of 148th birth anniversary of Shri Vallabh Bhai Patel, the 'Iron Man of India,' the *Department of Physical Education and Sports committee* organised a Unity Run in which 121 students participated in 1.5-kilometer run started at the institution.(Convener: Prof. Anand Bhardvaja , Director Physical Education: Mr. Mohit Sharma)



- **Red Light ON Gaadi OFF (November 3, 2023)**

Sankalp Sabha on 'Red Light ON Gaadi OFF' was organised by *Eco Club* to create awareness about pollution and to encourage drivers to SWITCH OFF their engines while waiting at traffic signals. A total of 32 students and faculty members started from the institution and marched up to Dwarka Sec2 traffic light.(Convener: Dr. Amandeep Kaur)



- **One rupee collection (November 3, 2023)**

On November 3, 2023, an inspiring initiative was launched by the *Women Development Cell* (Convener: Dr. Meenakshi Garg) and the *Internal Quality Assurance Cell (IQAC)* (Convener: Prof. Eram Rao) to involve a One Rupee collection drive aimed at improving women's health and hygiene in slum areas and to ensure that women in underprivileged areas have access to essential sanitary hygiene products, which can significantly enhance their well-being and quality of life.



- **Pledge on Sustainable Development (November 8, 2023)**

The College registered with Smart Campus Cloud Network in order to achieve the objectives of Sustainable Development Goals and carbon neutrality in Universities/colleges , initiated by *Eco Club*. A Pledge for the same was also taken by the students. (Convener: Dr. Amandeep Kaur)

Invited Talks (September-December 2023)

S.No	Date	Topic	Guest speaker	Convener/ Department/Committee/Cells)
1	29-09-23	Orientation of Vidyanjali	Dr. Manisha (SCERT, Delhi) Dr Rajesh Kumar (Principal,DIET Ghummanhera) Dr. Brij Bhushan (CRCC)	Dr. Manoj Kumar Tiwari Department of Electronics
2	13-10-23	What's Inside A Black Box	Mr.Manish Kumar (Technical Leader,STMicroelectronics Pvt Ltd)	Dr. Jitender Kumar Department of Instrumentation
3	19-10-23	Adversarial Attacks on Artificial Intelligence and countermeasures	Dr Gaurav Indra (Department of Information, IGDTUW)	Ms. Manu Kataria Department of Computer Science
4	20-10-23	Phylogenetic Biology:What? How? Why?	Prof. R. Geeta Department of Botany, DU; Emerita, State University of New York(SUNY), USA	Prof. N.S. Abbas Department of Botany
5	20-10-23	Who Are The Indians?	Dr. Raj Vedom, Hindu University of America	Dr. Pawas Goswami Vivekanand Vichar Manch
6	26-10-23	Intellectual Property Rights (IPR) In Biology	Dr. Kshitij Kumar Singh Campus Law Centre Faculty of Law, DU; Faculty Convener IPR Society, CLC, DU)	Prof. N.S. Abbas Department of Botany
7	16-11-23	Fluoropolymers: Low Dielectric Materials For Potential Applications	Dr. Babloo Sharma Scientist, 3M, USA	Dr. Saroj Kumar Shukla Department of Polymer Science
8	21-11-23	Blocking cell signalling in cancer cells through serine proteases or non-kinase strategies	Dr. C. L. Meena, Staff Scientist, National Institute of Immunology, New Delhi	Dr. Uma Dhawan <i>BCAS-NII Science Setu program</i>
9	22-11-23	Achieve Exam Excellence With Yoga And Meditation	Aacharya Swati Jha G G Singh Indraprastha University, Delhi	Dr. Shivani G. Varmani Department of Biomedical Sciences
10	22-11-23	Toxic Substances In Daily Life	Dr. Parvinder Kaur	Dr. Shivani G. Varmani Department of Biomedical Sciences
11	25-11-23	Yoga Philosophy and Practice		
12	26-11-23	Panchakosha Holistic Development of Personality	Dr Rishiraj Pathak Department of Sanskrit, Shyama Prasad Mukerjee College of Women, DU	Dr. Shivani G. Varmani Departments of Biomedical Sciences and Physical Education, Yoga Club

Invited Talks (September-December 2023)



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