



भस्कराचार्य ज्योति

e-Newsletter, BCAS



First Issue of the e-Newsletter being released on the occasion of the 21st Annual Day of the College

Messages



On the occasion of BCAS's 21st Annual Day, I extend my heartiest congratulations to the staff and students for the release of 'Bhaskar Jyoti'. We envision this newsletter to generate more awareness about the various co-curricular and extra-curricular events taking place in the college both within the BCAS family and outside. In regularly acknowledging their accomplishments, it will instill a sense of institutional pride in our very talented students and faculty.

- Prof. Inderjit Singh, Chairman, Governing Body, BCAS



Congratulations to each one for a job well done, positive effort and a year of hard work, achievements said and unsaid. Let us celebrate this Annual Day as a reminder of the ideals of Science as a service to society and the nation. Best wishes for BCAS's initiative 'Bhaskar Jyoti' and the academic year ahead.

- Prof. Sudeshna Mazumdar-Leighton, Governing Body Member, BCAS



We are really pleased to present this inaugural issue of BCAS's e-Newsletter, 'Bhaskar Jyoti', as a platform for showcasing the myriad achievements of our students and faculty along with the vibrant activities being organised by different Departments of the college. I congratulate the editorial board for all their efforts in bringing out this exemplary issue, which subsequent issues would surely emulate.

- Dr. Balaram Pani, Principal

NAAC Accreditation

Our college is accredited with NAAC 'A' Grade in September 2017.

Gold Medal Recipient

Nishant Sindhu B.Sc.(Hons.) Electronics, II year created history for our college and University of Delhi by getting gold medal in 10m air pistol in World University Shooting Championship held at Kuala Lumpur, Malaysia on 15 March 2018.



Star College Status

The Star college scheme of the Department of Biotechnology, Government of India, started in our college in December 2010 in four departments namely Biochemistry, Biomedical Science, Food Technology and Microbiology. **The college has been awarded the "Star College Status" by DBT, in June 2017.**

Academic Leap

Three new courses introduced in the Academic year 2017-18:

- B.Sc. (Hons.) Botany
- B.Sc. (Hons.) Chemistry
- B.Sc. (Hons.) Zoology.

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INTERNAL QUALITY ASSURANCE CELL

The IQAC of the college is actively involved in the continuous improvement of the institute through organization of value-added programs and activities for the college. A workshop was organised on e-procurement for teaching and non-teaching members of different colleges of University of Delhi on 6-7 November, 2017 and a FDP for teaching faculty on Research methodology from 16-22 December 2017. It facilitates the development and application of quality parameters and benchmarks for the various academic and administrative activities of the college.

UPGRADATION OF COLLEGE LIBRARY

Rapid advancement in the library system has taken place in the college this year. The library has successfully started using KOHA software and RFID technology. This has paved the way for fast circulation, fast stock verification and enhanced security in the library.

DEPARTMENT OF BIOCHEMISTRY

The students of the college were all eyes and ears in the department during the demonstration of the world's smallest spectrophotometer designed by an IITian, Mr. Shubham Rathore. He motivated the students to design low cost portable analytical devices for food, water, biomedical applications etc. which could be easily carried for field analysis with easy output display on our smart phones.



DEPARTMENT OF BIOMEDICAL SCIENCE

The BMS Department took a pledge on sustainability, to commemorate National Science Day during Genesis'18 – the Annual fest of the department celebrated on 26-27 February 2018. The theme of National Science Day this year was “Science and Technology for a sustainable future”. Not only this, members from the A.S. Science Foundation and Kshitij had also come to deliver talks around the theme. The students and faculty also joined hands with Anthelia - the Environment Council of ITL Public School, Dwarka, on learning new techniques in production of herbal products like hand sanitizers, floor cleaners, mosquito repellent, etc.

DEPARTMENT OF BOTANY

Students and faculty of the department went on a botanical excursion to Dehradun/Mussoorie. from 14 - 18 February 2018. During the trip, a National awareness programme was organised titled “Threats of increasing antimicrobial resistance: Systemic survey on extensive use of unapproved antibiotics as a major contributory factor” at Forest Research Institute campus, Dehradun.



DEPARTMENT OF CHEMISTRY

The Department of Chemistry organized an Inaugural function of its Chemical Society “Alchemy” and celebrated this day as “bhaskaracharya Chemistry Day” on 6 September 2017 in college AV room. Dr. Jayant Tripathi (Associate Professor, JNU) and Dr. Sanjeeve Thakur (Associate Professor, NSIT) were the invited guests. On the occasion, a pledge “Sankalp to Siddhi” was taken by all.

DEPARTMENT OF COMPUTER SCIENCE

The Computer Science Society, CS. Net celebrated its intercollege annual techno-cultural festival on 21-22 February 2018. The festival was flagged off with the Badminton Doubles contest Smash It and LAN Gaming (Counter Strike & Tekken 3) followed by various other events like Clash of code, Speed-o-Text, Potter-o-Mania and Tech Quiz etc. This was followed by the most awaited event, Mr. and Ms. Interface.



DEPARTMENT OF ELECTRONICS

More than 85 students and faculty participated in the one-day workshop on Linux in association with DUCAT, NOIDA to commemorate the Teacher's Day. Techmania'18, the annual departmental fest was organized on 16 March 2018 where Prof. Ajoy Ghatak, Megh Nad Saha Fellow of The National Academy of Sciences, India, delivered a talk on the topic “Evolution of Quantum Theory and Entanglement.” The talk included various experiments in this area and related discoveries with interesting stories behind them.

DEPARTMENT OF FOOD TECHNOLOGY

Ambrosia, the Society of the Department had organized outreach activities on the theme “Nutritional label reading” and “Food packaging material” on 9 and 16 September 2017 in Bhaskar Colony and Madhu Vihar, respectively. The activities were carried out successfully with positive feedbacks from the residents residing in the two colonies.



FACULTY ACHIEVEMENTS

Dr. Uma Chaudhry and Dr. Balaram Pani were granted with DST funded research project titled "Safeguarding immunity and health versus Indiscriminate use of antibiotics: Building medical awareness and capacity for informed choice through multilevel orientation, exhibitions and demonstrations for students, paramedics, drug marketing systems and community" in May 2017 for a total amount of 22.7 lakhs.

Dr. Eram Rao, Dr. Madhulika Bajpai and Dr. Ragini Jindal conferred with K.U. Patel memorial award for overall best paper titled "Role of Indian traditional foods in stress management: a study amongst Delhi youth". The award carried a cash prize of Rs. 5000/- and a citation.

Ms. Arti Dua of Dept. of Computer Science secured First position in the written examination held at Faculty Induction Program (December 16, 2017 to January 13, 2018) of the Ministry of HRD, GoI at Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi.



DEPARTMENT OF HUMAN COMMUNICATION

The Department in collaboration with Public Health Foundation of India (PHFI) & Welcome Trust DBT/India Alliance organized a workshop on "Environmental Health Sensitisation" on 10 April 2017. Various speakers shared their expertise, raised concerns and offered sustainable solutions for much needed environmental conservation.

DEPARTMENT OF INSTRUMENTATION

The Department of Instrumentation organized two day workshop on Vision Botics on 15-16 March 2018 in collaboration with i3indya technologies to abreast the students with recent trends in Sixth Sense Technology. Krishna Agarwal, 1 year student developed the Departmental blog to share and aware the students and faculty with the current scientific knowledge related to the curriculum.



DEPARTMENT OF MATHEMATICS

A workshop was organised on "Mathematics Beyond Theoretical Perspective" on 25 August 2017 by the Department. A talk was organised on "Power of Habits" on 26 October 2017 by HG Amogh Lila Das (Vice President of ISKCON, Dwarka). The Department celebrated "Bhasakaracharya Day" with Bhaskaracharya Cell on 8 February 2018. On this auspicious day, lectures were delivered by Prof. S. C. Arora (Former HOD, Department of Mathematics, DU) and Dr. Anuradha Gupta (Associate Professor, DCAC). Winners of Sudoku and quiz competitions were awarded.

DEPARTMENT OF MICROBIOLOGY

The Department's 10th Anniversary was celebrated with a DBT and CSIR funded National Conference on 'Advances in Interdisciplinary Microbiology: Perspectives from Academia and Industry' organised by the Sukshmjeev Society on 13-14 March 2018. Insightful lectures were delivered by eminent speakers from BCIL, Pfizer, CSIR-IMTech, Indian Oil R&D, PathKind Diagnostics, JNU, Eppendorf and DBT-BIRAC. The 2018 issue of the annual departmental magazine 'Life Under Lens' titled 'Prospection & Retrospection in Year 10' was presented as the Conference Proceedings and contained contributions from 14 distinguished alumni of the department.



DEPARTMENT OF PHYSICS

The students and faculty of the department visited the National Physical Laboratory on 28 September 2017. The students visited Nano-device Research Lab, SQUID Magnetometer Lab, Superconducting materials Lab, Spectral Radiance Measurement Facility, Timing and Frequency Standards Group and Energy Harvesting Group. Four students and one accompanying faculty member participated in a one-day workshop during visit to Inter University Accelerator Centre (IUAC), New Delhi on the occasion of National Science day, on 28 February 2018.

DEPARTMENT OF POLYMER SCIENCE

The "PEARLS" Society of the Department organized its departmental fest CROSSLINK 2018 on 17 March 2018. Dr. Suresh Chand (Chief Scientist, NPL-CSIR) delivered a lecture on polymer based solar cells. The program was concluded with a lecture by Dr. Mahesh (Senior Scientist, NPL-CSIR) on smart materials, measurement and standards.



DEPARTMENT OF ZOOLOGY

A Departmental society named "Eranko" was formally inaugurated on 26 October 2017 in the presence of our honorable Principal, Dr. Balaram Pani and several other faculty members. The students and the faculty of the Department enthusiastically went on field trip to the National Zoological Park, Mathura Road, Delhi on 9 November 2017. The students were enlightened about the aspects of Bio-diversity conservation, endangered status of some animals and the way national parks are maintained with respect to habits and habitats of various animal species etc.

Exemplary Student Achievements

- Ms. Veena Sharma is being (Batch 2000-2003) is being conferred with the Distinguished Alumni Award for the year 2017-18
- Best Student Award for the year 2017-18 (Female Category) : Ms. Ananya Tuli [B.Sc. (H) Bio-medical Science, III year]
- Best Student Award for the year 2017-18 (Male Category) : Mr. Avinash Sandilya [B.Sc. (H) Polymer Science, III year]
- Ms. Hephzibah Saji, final year student of the Dept. received a certificate and silver medal from All India Food Processors Association for "Italian Technical Services Award" for her excellent performance in the course studies at 73rd Annual conference of AIFPA.
- Pooja Gupta, final year student of Department of Microbiology has been invited to work on antimycobacterial drug discovery in Prof. Tom Bundell's lab at Dept of Biochemistry, University of Cambridge, during the summers of 2017 and 2018.
- Merino recruited Vikrant, Chandan Kumar Jha, Nishant Gupta, Vivek Kumar & Vichar Nath from B.Sc. (H) Instrumentation during Campus Placement Drive organised by Training & Placement Cell of the College.



ALUMNI MEET

The Alumni Committee organized Alumni Meet - 2017 on 19 August 2017 in the college premises. In the inaugural address, the college Principal Dr. Baram Pani emphasised the importance of alumni's participation in the progress of an institution.

The alumni who had volunteered in organizing this event were also felicitated. Around 150 people attended the event and the alumni resolved to actively participate in various activities relating to growth and development of the college.



SPORTS DAY

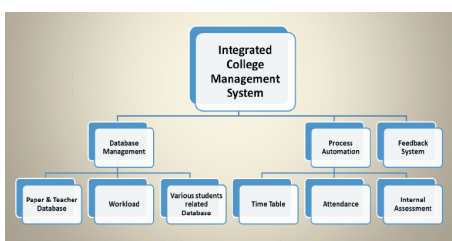
The Annual Sports Day was celebrated on 24 January, 2018 and saw active participation from students across the disciplines and teaching and non-teaching staff of the college in different sports events such as Cricket, Basketball, Volley Ball, Badminton Singles, Badminton Doubles, Table Tennis Singles, Table Tennis Doubles, Chess Kabaddi and various fun games.

The college also organized 5th Bhaskaracharya Inter College Cricket Tournament from 30 January to 8 February 2018. Aryabhata College was the winner and Shyamlal College was the runner-up. Our college was the semi-finalist in the tournament.

Dimple Kaushil of B.Sc. (H) Electronics III yr., secured II position in **1st Delhi State Yoga Championship** organized by Yogic Lifestyle Foundation on 5 - 6 October 2017.

ANNUAL COLLEGE CULTURAL FIESTA

'SRIJAN 2K18', the annual cultural fest was celebrated with great pomp and show on 15 - 16 February 2018. The festival was organised by ECA and student association of the college. This year, the fest witnessed a huge participation and registrations from more than 65 colleges for the first time. The fest was sponsored by 26 sponsors. A total of 27 inter-collegiate events were organized by various Clubs and Departments of the college. There were competitive events in dramatics, dance, music, photography, debate, fashion and etc. Shivjot, a rising Punjabi singer was the Star performer at the festival.



Digitisation & Automation of the College

We are proud to announce that the Digitisation and Automation committee of the college has successfully developed and implemented an "Integrated College Management System" in the academic year 2017-18. The system has the Database Management, Process Automation and Feedback system modules. These manages and automates various processes related to workload, time table, attendance, internal assessment, feedback collection and compilation etc. for the college. The whole system has been developed free of cost by our trained faculty.

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