



# वेदशेखर ज्योति

e-Newsletter, BCAS

Volume 5

March 2021

## Vidya Vistar:

Ours is the first college of the University to have entered into partnership with Government College, Borndila, West Kameng District, Arunachal Pradesh under the Vidya Vistar Scheme. The college is also collaborating with Indira Gandhi Government College Tezu in Lohit District, Arunachal Pradesh under this scheme.

## Promotion of Faculty members:

The process of promotion of faculty members was initiated in the college under CAS 2010/2018. Forty one faculty members at various stages have been promoted during the period October 2020 -March 2021.

## COVID 19 Management

The college has taken various COVID care management steps like sanitization of the campus, Thermal scanning of visitors, making available of masks to staff etc. The college has also received a donation in the form of an Oxygen Concentrator from SEWA International and Covidcare4u coordinated by Mr. Kavinder, faculty previously associated with the College in the Department of Physics.



## Campus Darshan

Campus Darshan for first year students was organized by all the departments of the college during February 16-28, 2021 in which some students came to college and interacted with faculty in offline mode.

## Mr. Vivek Vaswani visit to the college

Famous TV actor and producer Mr. Vivek Vaswani also visited the college dated February 13 2021 to explore the possibilities of collaboration like internship for the students interested in drama and acting in the Pearl Academy.





### VC visit to Bhaskaracharya

Hon'ble VC Prof. P.C. Joshi and Director UDSC Prof. Suman Kundu visited the college on February 1, 2021 and met all the faculty and staff members. They appreciated the college performance in various aspects.

### News Letter Gandhian Study Center

To commemorate Martyrs' Day, the Gandhian Study Centre designed a newsletter which was released by Prof. P. C. Joshi, Vice Chancellor of University of Delhi, Prof. Suman Kundu, Director, South Campus and Prof. Balaram Pani, Dean of Colleges, University of Delhi and Principal of the college on February 1, 2021



### Plethora Award to Ashima Jha

Ashima Jha, a second-year student of Biomedical Sciences has bought a plethora of awards to the college. She was awarded the Most Outstanding Delegate award in Asia Pacific International Online MUN that took place on July 4-5, 2020 via zoom platform. Ashima was further Invited to Judge in the post of Vice- Chairperson in the online edition of Asia Pacific international MUN, September 19- 20, 2020. She was also welcomed to Judge as a Director in Model World Health Organization (WHO) organized by the Bangladesh Youth Club in September 2020. Ashima has been honored by Mr. HE Jesus Domingo, the UN ambassador to New Zealand, Mr. Morse Caoagas Flores, the UN Human Rights Officer and Ambassador Deepak Vohra, Indian Diplomat and Special adviser to Prime Minister for Chairing Model United Nations General Assembly.

### Silver Medal in National MMA championship

Aashi Singh, B.Sc. (Hons.) Polymer Science I year won a Silver medal in National MMA championship 2021 on February 21, 2021 in Lucknow.



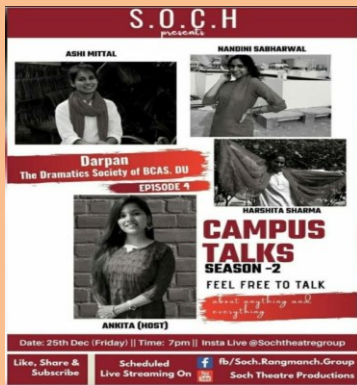
### Dance club (Rage)

The 'Soul Rockers' online solo inter-college dance competition was organised in May 2020 wherein students from across the country participated with full vigour and enthusiasm. Ms. Bhavya Mehta from AIACTR, Delhi secured the first position; second position was secured by Mr. Michaelraj Nadar from Dombivali, Mumbai.

### Debate club (Confianza)

As an exercise of witnessing "Vigilance Week 2020", an Inter College debate competition was organized by the core team members on: "Who should be more vigilant? STATE OR THE CITIZEN in a democracy." in collaboration with Central Vigilance Commission of India, held via Google meet on November 2, 2020.





### Dramatics Club (Darpan)

Core members of Darpan were invited for an interview by a professional theatre group, Soch Rangmanch on December 25, 2020. The talk included deep insights into the functioning of the society and its future goals. The team was also invited for participating in the talk event of the theatre group known as Campus talks, on January 8, 2021. The society finally collaborated with Soch Rangmanch and included a recent venture of both the teams, a play called Pratibimb.

### Fine arts Club- Akriti

The Fine Arts Society of the college organized an intercollege online art competition under IQAC on April 21, 2020. The theme of the competition was "Daastaan-eLockdown". Ms. Sanjana from Ram Lal Anand College, DU won 1<sup>st</sup> position.



### Literary club (Atlier)

An online inter-college competition 'Pauranikkhat' was organized on May 20, 2020. In this event Students from different colleges came up with their own dictions on different characters of Ramayana. This refined form of craft gave the opportunity to students to revisit the great Epic, a need of the hour in today's modern times.

### Music club (Moksha)

Students of the music club participated in the International summit on women in STEM Visualizing the Future: New Skylines organized by ICGEB New Delhi at India Habitat Centre on January 23-24, 2020. Their performance was well appreciated and they were duly felicitated with certificate of Appreciation and memento by DBT.

### Live Music Event By ECA

A live music event in online mode was organized by the ECA committee on January 23, 2021. Singer Supranshu Khanna performed from the studio "IRIS-The sound Studio". Our college students also gave singing and dance performances.



### Anti-Tobacco Cell

The Anti-Tobacco Cell organized a webinar on February 04, 2021 on the topic titled "Choose Life, Not Tobacco: Tobacco Products Cause Cancer" on the occasion of World Cancer Day. Dr. Anuj Kumar (Nodal Officer, National Tobacco Testing Laboratory (NTTL), Ministry of Health and Family Welfare) was invited as the keynote speaker. Dr. Anuj Kumar explained various harmful effects of tobacco usage and shared preventive measures. The talk was followed by screening of a short film "INDIFFERENCE" by the Film club to make students and staff aware

about cancer and hazardous effects of tobacco-causing cancer.

## Career Counselling Cell Webinar

An online Career Assessment Test was organized by Career Counselling Cell in collaboration with GUS Global Services, Pearl Academy and UPES during February 26-28, 2021 for the final year students of college to help them choose a career which suits their aptitude, interest, personality, orientation and emotional quotient.



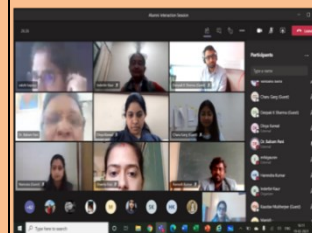
## Women Development Cell

On March 8, 2021, the cell celebrated International Women's Day 'नारी Utsav'21' in the hybrid mode (both online as well as offline mode) to rejoice womanhood. Dr. Shweta Singh, Founder & CEO Ennoble IP, and Women Innovation & Entrepreneurship Foundation (STEP UP 360) delivered the keynote address. The program also included a number of intercollegiate competitions for students such as quiz, just-a-minute, poster making, rangoli making, mehndi art, singing and slogan writing competitions where students showcased their knowledge, talents, values, and skills.



## Alumni Meet

Alumni committee in association with Departments of Electronics, Department of Physics and Department of Instrumentation organized an Alumni Interaction session on February 19, 2021 on the topic 'Alumni Interaction: Research Opportunities in Physical Science'



## Biosensor Workshop

A two-day interdisciplinary workshop on "Basics of Biosensor and its Techniques" was organized by the Departments of Electronics, Microbiology and Biochemistry on March 17-18, 2021. In this workshop, students of Electronics and Microbiology departments were exposed to basic and advanced techniques used in Electronics, Microbiology and Biochemistry for the development of biosensors and their applications in various fields.

## Two-week Workshop of Computer Science Department

A two weeks workshop on 'Capacity Building using Computer Basics and Office Package' was organized by the Department of Computer Science to impart hands-on training to Non-teaching Staff of the college from February 12-26, 2021.

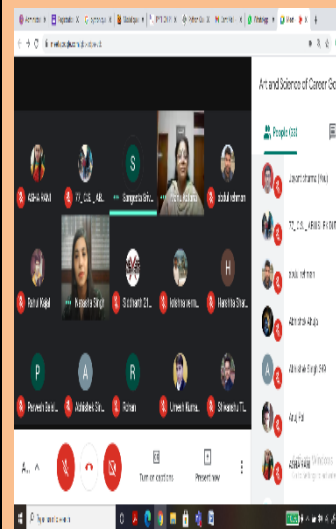


## Activities of Chemistry Department

On the occasion of National Science Day i.e March 01, 2021, Department of Chemistry, Bhaskaracharya College of Applied Sciences organized an invited lecture on "Science and Skills" by Dr. K.N. Shukla who is an Emeritus Scientist in Vikram Sarabhai Space Center, ISRO. The lecture was followed by a Plantation drive.

## Activities of Computer Science Department

The CS Society of the department, "CS.Net" organized a webinar on "Insight of Artificial Intelligence and its Functionality" on February 28, 2021 to apprise our students with the fastest growing field of study in the field of technology. A webinar on "Ensemble Learning Techniques and their Implementation" was also organized by the CS department on March 15, 2021. Besides this the CS.Net Society of department celebrated annual techno-cultural departmental festival "INTERFACE' 21" on March 31, 2021. The techno-cultural festival had a myriad of kaleidoscopic events like Code War, Typing Test, Chess Tournament and Anime Quiz. Students from various streams actively participated in these events and the winners were rewarded with E-certificates.



## Activities of Electronics Department

A webinar on 'Carbon Nanotubes based Gas Sensors' by Dr. Pika Jha, scientist 'F' in a Solid-State Physics Laboratory, DRDO was organized by Department of Electronics on February 13, 2021 through Google Meet. An Alumni Interaction on Opportunities for Research in Physical Sciences was organized by the Alumni Committee in association with Department of Electronics, Physics and Instrumentation on February 19, 2021 through Microsoft Teams. An online Lab visit to Special Centre for Nanoscience (SCNS), JNU was organized on February 27, 2021 under the guidance of Prof. Bijoy Kuanr through google meet. Dr. Ram Krishna Ghosh, DST Inspire Faculty at Special Centre for NanoScience, JNU also delivered a talk about various research going on in the SCNS. The participants were showcased and briefed about various state-of-art instruments present in the lab like laser, sputtering unit etc. The visit witnessed a large number of participations. Participants from other colleges also joined the event making it a huge success.



## Activities of Instrumentation Department

Department of Instrumentation organized a virtual visit to Yakult Danone India Pvt Ltd on February 8, 2021. The visit witnessed an active participation of students and faculty members. The participants were exposed to various manufacturing Units and briefed about their functioning. A two-day workshop on 'Micro Services: The New Age of Application Development and Deployment' in collaboration with TechieNest was also organized on February 20-21, 2021.

## Activities of Microbiology Department

Department of microbiology organized its annual department festival 'Microquest' in which Webinar series & "Advances in Microbiology : An Interdisciplinary Approach" along with many online co-curricular events was held from March 09-26, 2021. The series had lectures on Microbial Biofilms (Dr. Neetu Kumra Taneja, Assistant Professor, National Institute of Food Technology Entrepreneurship and Management), DNA replication (Prof. Deepak T. Nair, Regional Centre for Biotechnology), Gene editing (Dr. Bhupendra Verma, Assistant Professor, Department of Biotechnology at AIIMS, New Delhi) and Automation in Clinical Microbiology (Prof. Ashok Rattan, Senior Advisor, Pathkind Labs). It aimed at augmenting the curricular concepts of the students. The series culminated with 'Alumni Interaction Day' in which distinguished alumni, Ms. Shefali Thakur (Doctoral fellow at WHO's International Agency for Research in Cancer, Lyon, France) and Ms. Manpreet Kaur, Bagga, (Research Assistant at the New Castle University, UK.) gave talks on diverse Career avenues in Microbiology and Inter-disciplinary areas and mentored the students for their future academic pursuits.

## Activities of Physics Department

Department of Physics organized the 2<sup>nd</sup> International webinar series on "OPTICS FROM FUNDAMENTALS TO ENGINEERING APPLICATIONS". The series invited eminent speakers having expertise on the subject and their fields. In the first lecture of this series Prof. Akhilesh Kumar Mishra, Indian Institute of Technology Roorkee (IIT Roorkee), delivered an interesting talk on "Quantum Control Realization in Semiconductor Devices" on February 08, 2021. The second lecture of series was held on February 17, 2021, In this webinar Mr. Abhishek Sharma, Scientist 'D', Solid State Physics Laboratory (SSPL), Defence Research and Development Organisation (DRDO) gave a lecture on "Semiconductor Lasers in Defence Applications". In this lecture he explained about various kinds of semiconductor lasers, their characteristics including applications and fabrication methods. The last lecture of this webinar series was organized on February 23, 2021, In this webinar Mr. Jagroop Bhanwala, Scientist/Engineer 'SE', Vikram Sarabhai Space Centre, Indian Space Research Organization (ISRO) was the chief speaker of this session.

## Activities of Zoology Department

Teaching filled with fun is the best way to create interest in students for the subject. With this objective department of Zoology organized its three day online annual festival 'ZOOSANGAM' from February 15-17, 2021 under the umbrella of zoological society 'ERANKO'. The festival conducted various scientific and fun-filled activities and witnessed active participation of students at both inter-departmental and inter-college levels. In a nutshell, the academic session of 2020-2021 was quite eventful and memorable for our department.

