



## Workshops/Seminars (2021-22)



**BHAVAN'S VIVEKANANDA COLLEGE**  
of Science, Humanities & Commerce  
Sainikpuri, Secunderabad - 500094  
Autonomous College, Affiliated to O.U  
Accredited with 'A' Grade by NAAC




**On the Account of "World Rabies Day"**

**Department of Microbiology  
&  
Science Club, BVC**  
Under DBT-Star College Scheme

**Organizing**

**A Webinar on**


**Rabies Awareness**



*Speaker*  
**DR. G. SAMPATH**  
Former, In charge of Rabies Clinic &  
International Vaccination Center  
Institute of Preventive Medicine, Hyderabad.

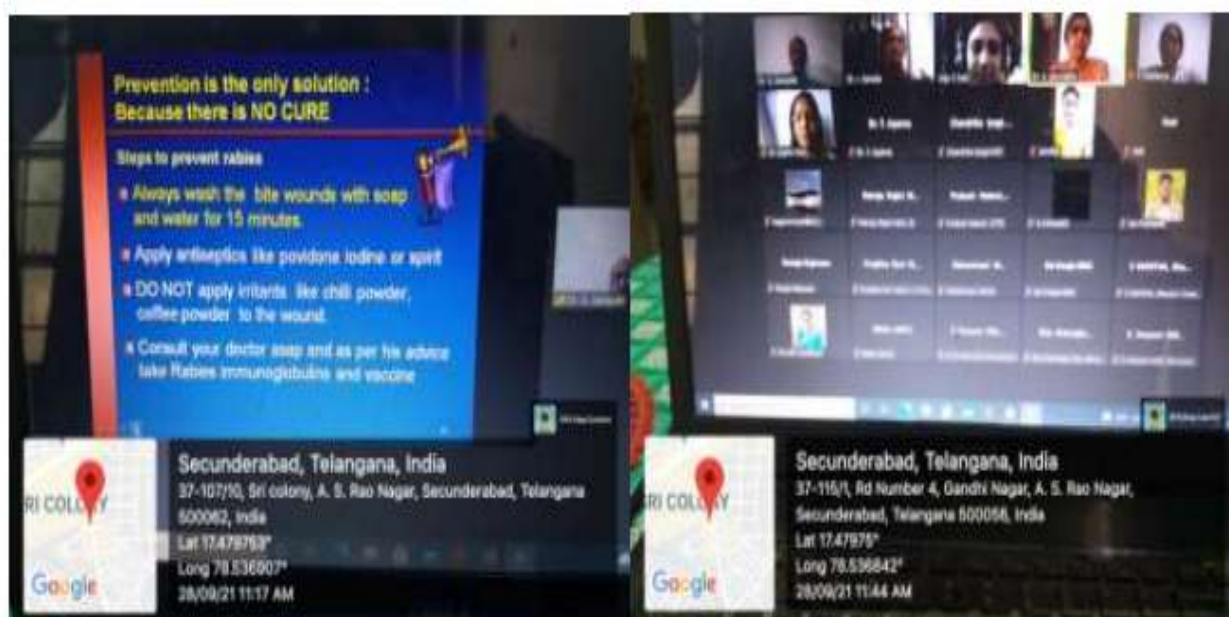
On 28<sup>th</sup> September, 2021, 10:30 - 11:30 am

**Event Coordinators:**  
Dr. K. Anuradha  
Head, Dept. of Microbiology  
Mrs. S. Anju  
Assistant Professor, Dept. of Microbiology  
Science Club, Coordinator

Platform 

Link to Join: [Click here](#)

A webinar on „Rabies Awareness“- 2021 A webinar on „Rabies Awareness“ was organized by Science club, Department of microbiology, BVC under DBT star college scheme on 28th September 2021 at 10.30am on the account of world rabies day. DR. G. Sampath, Former, In charge of Rabies Clinic & vaccination center, Institute of Preventive Medicine, Hyderabad was the speaker of the program. One hundred and fifty undergraduate and post graduate students actively participated in the webinar and interacted with the resource person. Dr G. Sampath, speaker of the webinar briefed on sources, symptoms, preventive and curative measures of rabies. Importance and schedule of rabies vaccination is thoroughly discussed in the webinar. The resource person also informed the students about preexposure vaccination and explained the mechanism of immune responses to rabies vaccine. The responsibilities of pet owners for the control of rabies virus were also reminded on this platform. Also, types of rabies vaccines available in market were discussed



## Workshops:

**Mushroom Cultivation Workshop** A two day workshop on Mushroom cultivation was conducted on 9 th and 10th of November 2021 by Department of Microbiology under DBT Star College Scheme. The programme was organised at ‘S’ Mushroom Agritech Pvt Ltd located at industrial estate, Pragathi nagar, Hyderabad. Twenty two students from UG Microbiology and two faculty members, Mrs S. Anju and Dr S.Shalini Devi took active participation in the workshop. The resource person of the workshop, Dr K. Prasuna, Proprietor of ‘S’ Mushroom Agri tech pvt ltd have explained various types of mushrooms, methods of cultivation, pests and pathogens and their control and farm design for Mushroom cultivation. All the students experienced hands-on training of methods of bed preparation for cultivating various types of mushrooms and care taken during incubation and cropping during this Skill enhancement program. Participants also gained knowledge about storage methods to increase shelf life, economics for setting up a startup and marketing strategies



## **Training on Basic Techniques in cell and Molecular Biology**

Department of Microbiology organized a four day Training on “Basic Techniques in cell and Molecular Biology” from 30th November to 3 rd December 2021, under DBT- Star college scheme for Undergraduate students. Two faculty members i.e Dr.K.Anuradha and Dr .J.Sarada accompanied 10 students for this programme . First day on 30th November, the training started with Introduction and lectures by Dr. Shreekant on Genomic DNA isolation, PCR, Agarose Gel Electrophoresis and Dr. Kiran on basics of Cell culture techniques. Later students were divided into two groups .Group 1 consisting five students worked on Molecular biology techniques for two days, while the second group worked on Cell culturing techniques. For Molecular Biology training Dr.Shreekanth with Ms.Varnali and Ms. Arushi were the trainers. Cell culturing techniques were trained by Mr. Shrikanth and Mr. Yash. After initial two days of training, the groups interchanged their training modules. Throughout the training programme students had hands on training and learnt the techniques from basics. Trainers were very supportive and extended their cooperation to students. On Fourth day i.e on 3rd December afternoon common session on Primer design was given by Dr. Rajesh from CCMB. This was followed by assessment of students followed by Validictory. All student participated were excited and also motivated with the exposure to Research labs. Dr. K.Anuradha, coordinator for DBT Star College scheme thanked the cooperation of CCMB staff in designing the module for training and support.







**National Level Five Day Faculty Development program on RECENT TECHNOLOGICAL ADVANCEMENTS IN LIFE SCIENCES**



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**National level five day Faculty Development Program on  
"Recent technological advancements in Life Sciences"**

**15th - 19th November, 2021**

Organized by  
**Department of Microbiology**  
Under DBT-Star College Scheme

**Chief Guest**  
**Prof. B. Bhima**  
Head, Department of Microbiology, Osmania University

Registration  
Click here

Platform : online

**Program Schedule**

**Inaugural Session: 15th November 2.00 pm to 2.15 pm**

DATE	TIME	RESOURCE PERSONS
15TH NOVEMBER, 2021	2.15 PM TO 3.00 PM	PROF. UPINDER S. BHALLA NCBS, TIFR, BANGALORE
	3.00 PM TO 4.30 PM	DR. MANJULA REDDY CHIEF SCIENTIST, CCMB
16TH NOVEMBER, 2021	3.00 PM TO 3.45 PM	DR. ANITHA ANHANA VIRGILISUPRESSION, MDR
	3.45 PM TO 4.30 PM	DR. S. ARVIND DEPARTMENT OF COMPUTER INFORMATION SYSTEMS, PERDUE COLLEGE, USA
17TH NOVEMBER, 2021	3.00 PM TO 3.45 PM	DR. PALLAV VEDRA SHARMAN FACULTY AND HEAD, DEPARTMENT OF ENTOMOLOGY, KARNATAKA UNIVERSITY
	3.45 PM TO 4.30 PM	DR. ARTHAN NIGRA, FOUNDER, DIRECTOR DNA SPEECH PPT CO
18TH NOVEMBER, 2021	3.00 PM TO 3.45 PM	DR. PRASHANT BHASKAR DEPARTMENT OF BIOLOGICAL SPECIALIST, PRICOR 840, DR. BOPPA LABORATORIES, HYDRABAD
	3.45 PM TO 4.30 PM	DR. LAKSHMA ASSISTANT PROFESSOR, BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE, HUMANITIES AND COMMERCE
	4.30 PM TO 5.15 PM	DR. JOURNAL CHATURAN CHIEF, FLEIGHT POLYMER TELLER PATENT AGENT PROTECTOR PATENT SERVICES, HYDRABAD
19TH NOVEMBER, 2021	3.00 PM TO 4.00 PM	DR. TRIVANI, ASSISTANT PROFESSOR, DEPARTMENT OF BIOLOGY CENTRAL UNIVERSITY, KERALA

**Themes :**

1. Computational Biology
2. Bacterial Genetics
3. Nanobiotechnology
4. Artificial intelligence in Biology
5. Microbiome
6. CRISPR Technology
7. Indian Patent law-A life sciences perspective
8. Fermentation technology
9. Y-Break-Yoga protocol
10. MOOC's e-content development

**Convener**  
**Dr. K. Anuradha**  
Head, Department of Microbiology  
9849977194

**Co-convenor**  
**Dr. Y. Aparna**  
Asst. Prof., Department of Microbiology  
9866471283

A National Level Five Day Faculty Development program on “RECENT TECHNOLOGICAL ADVANCEMENTS IN LIFE SCIENCES” was organised by the Department of Microbiology under DBT Star College scheme from 15th - 19th November 2021 on an online platform. Opening remarks and introduction of the programme was given by Dr K. Anuradha, Head, Department of Microbiology, BVC was the convener of this online event. The first day of the programme started with an inaugural session addressed by chief guest of the FDP, Prof B. Bhima, Head, Department of Microbiology, Osmania university. Prof Y. Ashok, principal, BVC and Mrs B. Niraimathi vice principal, BVC also took part in the inaugural session. One hundred and thirty faculty from various colleges and universities participated in this five day faculty development programme. The first speaker was Prof. Upinder S. Bhalla, NCBS, TIFR, Bangalore focused on the topic “Using light to study memory”. He explained about studies on mice brain for understanding its responses to light and impact on memory and discussed how knowledge of physics can be applied in understanding biology and behaviour of animals. Dr. Manjula Reddy, Chief Scientist, CCMB

was the second speaker who described “insights into growth and division of bacterial cell wall”. During this presentation different experiments conducted for identifying the growth of peptidoglycan chain and genes involved in extension of bacterial cell wall during cell’s division were thoroughly discussed. The resource person of this session also highlighted various project topics for undergraduate and postgraduate students. On 16th November 2021, the second day of the FDP, started with the talk by Dr. Amith Asthana, Associate Dean (Research) & HOD Department of Medical Devices, NIPER elaborated on the topic “Paper Based devices fabrication and application”. This presentation focused on methods of wax printing and development of cost effective paper based kits for rapid diagnosis of pregnancy in cattle and blood typing. Dr. Srinivas Nowduri, Professor in Cyber security, Department of Computer Information Systems, PUEBLO Community College, USA was the second speaker who spoke on the topic “ Artificial intelligence in biology”. The first resource person on the third day(17-11-2021) of the programme was Dr P.Veera Brahmachari, assistant professor, dept of microbiology, Krishna University. He presented the topic “microbiome”. During this session the speaker provided deep insights of mechanisms operated by microbes to safeguard physical and mental health of human beings. Further, Dr Ashwani Mishra, Founder DNA Xperts pvt ltd spoke on “CRISPER technology” and explained its utility for human welfare. On the 4th day of FDP, Dr E. Prasad, senior scientist, R&D, DR Reddy’s laboratory presented the topic “Fermentation Technology In The Development Of API Needs For The Biopharmaceutical Industry”. Later Dr J.Sarada , Asst professor, Department of Microbiology, BVC campaigned “Y Break” which is an initiative of ministry of Ayush, central government of India. She encouraged all the participants to practice a 5min Yoga in everyday life and explained the health benefits of different asanas. Dr Poornima Chandran, Sr Strategic planner- IP project management, Prometheus patent services pvt ltd. gave an elaborated talk on Patent drafting and patentable inventions. Dr Thiyaagu, Asst professor, Department of education, Central university, Kerala was the resource person for the final day (19-11-2021)of the event . He delivered a lecture on “ MOOC’s e-content development” and enlightened the participants on how to apply and prepare the content for various online courses. The valedictory session started at 4.15 pm on 19-11-2021, Dr K.Anuradha, convenor of the FDP gave the report on the event and delivered vote of thanks.



