



## Department of Biochemistry – Academic festival

The Department organized several activities throughout the academic year. A five-day online National hands-on Workshop on "**MOODLE: An Online Learning Management System**" was held for the benefit of faculty from **01 to 05 July 2020**. This workshop created awareness among the teaching fraternity about the use of Moodle LMS. Around 70 faculty members from various colleges of University of Delhi and all over India participated in the workshop. Dr. Avneesh Mittal from Bhaskaracharya College of Applied Sciences, and Dr. Nityanand Agasti from Deen Dayal Upadhyaya College, University of Delhi were the resource persons. The Department organised a two-day **International webinar** on "**Bioinformatics-concepts and applications**" from **18 to 19 September 2020**. As many as 150 students attended the webinar series from all over India and abroad. Dr. Sandeep Kumar Dhanda, Bioinformatics Research Scientist, St.Jude Children's Research Hospital, USA, gave an insight into "Introduction to Bioinformatics"; Dr. N. Latha, Associate Professor, Sri Venkateshwara College, DU spoke on "Computer-aided drug design-Methods and Applications". Dr. Shazia Haider, Assistant Professor, Department of Biotechnology, Jaypee Institute of Information Technology, Noida apprised the participants on "Bioinformatics skills to analyse biological data" and Dr. Prija Ponnann, Deputy Manager International Regulatory Affairs in Plant Protection Crystal Crop Protection Ltd, Delhi made a presentation on "Computational Tools to understand Protein structure-Application to Drug Design".

The Department also organised an online outreach program on "**Basic understanding of Biosciences**" on **January 20, 2021** for the students of class 11 and 12. Approximately 60 students participated in the webinars. The faculty of the department including Dr. Archana Burman, Dr. Meenakshi Vachher, Dr. Taruna Arora, Dr. Nalini M Wail, Dr. Savita Bansal and Dr. Ruchi Kumari gave presentations on the topics such as Introduction to DNA and RNA, Microscopy, Immunology and Forensics. The Department also organised an **e-Poster Making Competition on Covid-19 Vaccine Awareness on 25 February, 2021**. Students from all over DU participated in the same. The Department organised another workshop on "**Primer designing and In-Silico PCR**" on **15th March, 2021**. Dr. Bhupender Kumar and Dr. Savita Bansal from the department conducted a hands-on training session for 50 students from all over India.

The Department also organised a **National webinar** on "**Scientific manuscript writing**" on **5th March 2021**. There were 250 participants from all over India including faculty, students and research scholars. Dr. Yateendra Joshi consultant academic trainer, Editage Insights, India covered the topic "Becoming a more competent academic writer: A systematic approach" and Dr. Bapurao B.Shingate, Associate Professor, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, covered the topic "Method to prepare Review articles".



**Institute of Home Economics**  
**University of Delhi**  
**Accredited 'A' Grade by NAAC 'Star College Scheme' by**  
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The department also organised the webinar on “**Masters Abroad- Global Opportunities for Career Growth**” on **5 April, 2020**. Dr. Rajesh Kumar, Foundation of Alphabet Education, Senior Consultant and Mentor was the resource person.

**UNIVERSITY OF DELHI**  
**OUTREACH PROGRAM**  
 (FOR THE BASIC UNDERSTANDING OF BIOSCIENCES)  
 THE BIOCHEMISTRY SOCIETY OF IHE  
 PARTICIPANTS: STUDENTS OF CLASS 11th AND 12th  
 JANUARY 20, 2021  
 2 PM ONWARDS  
 VENUE: GOOGLE MEET  
 E-certificates will be given to all the participants.

**MOODLE LMS**  
 With the advent of the internet, students have been able to study the way we live. Since the education system has the backbone of any country, it has become the need of the hour to create a robust infrastructure to facilitate learning. MOODLE is one of the most popular open source LMS which facilitates the educators to provide the coursework virtually. This hands on workshop aims to familiarize the students university with MOODLE LMS.

**MOODLE: An Online Learning Management System**  
 14 July 2020

**DAY 1 | 18.07.20 | FRIDAY**  
 7:45 AM-9:00 AM: "Introduction to Bioinformatics" by Dr. Sandhya Kumar Chandra  
 9:45 AM-10:30 AM: "Computer Aided Drug Design: Methods and Applications" by Dr. N. Karthi  
 11:45 AM-12:30 PM: "Bioinformatics skills to design biological data" by Dr. Shree Haldar

**DAY 2 | 19.07.20 | SATURDAY**

**Institute of Home Economics**  
**University of Delhi**  
**WORKSHOP**  
**PRIMER DESIGNING AND IN-SILICO PCR**  
**15TH MARCH 2021 MONDAY**  
**GUIDELINES**  
 Participants: Undergraduate students in biosciences  
 Time: 2-4 pm  
 Registration link: [click here](https://bit.ly/3kz1j1j)  
 Contact us on Email id: [theeventshun@gmail.com](mailto:theeventshun@gmail.com)

**RESOURCE PERSONS**

**Dr. Anand Mohan**  
 Asst. Professor  
 Department of Electronics  
 Bioinformatics College of Applied Sciences University of Delhi

**Dr. Nayansudh Agasthi**  
 Asst. Professor  
 Department of Chemistry  
 Deen Dayal Upadhyaya College University of Delhi

**SCHEDULE**

**Day 1 : 11 AM-12:30 PM**  
 Inauguration, Overview of MOODLE, Administration of LMS

**Day 2: 11 AM - 12:30 PM**  
 Designing of course, Student enrolment methods

**Day 3: 11 AM -12:30 PM**  
 Resources: URL, Page, Book, Videos

**Day 4: 2:30 PM - 4 PM**  
 Formative assessment: Assignment, Quiz

**Day 5: 2:30 PM - 4 PM**  
 Communication and Interaction: Chat, Forum, Valedictory

**CERTIFICATE**  
 An E-Certificate will be provided to all participants.

**ORGANIZING COMMITTEE**  
 Dr. Archana Burman (Convener)  
 Faculty of Department of Biochemistry

**PATRON**  
 Dr. Geeta Trilok-Kumar  
 Director

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