

### Workshop / Conference /FDP 2020-21

Sr. No	Year	Faculty	Name of the Workshop/Conference / FDP	Number of Participants	Date From-To	Poster
1	2020-21	<b>Dr Gagan Dhawan</b> (Department of Biomedical Science) <b>Dr Seema Gupta</b> (Department of Chemistry)	Symposium on “ <b>Noise pollution a cannonade on living organisms! How to take the edge off it?</b> ” under the aegis of Eco Club,	127	April 10, 2021	<a href="#">View</a>
2	2020-21	<b>Dr Archana Pandey</b> <b>Dr Rimpika Kaur Chowhan</b> <b>Dr Ritu Khosla</b> (Department of Biomedical Science) <b>Dr Rashmi Sharma</b> <b>Dr Manoj Kumar Singh</b> <b>Dr Sumit Sahni</b> <b>Dr Vineet Kumar Singh</b> (Department of Botany) <b>Dr Vatsla Kohli</b> <b>Dr K. R. Meena</b> <b>Dr Neeti Goel</b> <b>Dr Gurudutt Rao Ambedkar</b> <b>Dr Narain Singh</b> (Department of Mathematics) <b>Prof. Seema Makhija</b> <b>Dr Neelgagan Singh</b> <b>Dr Rahul Dev</b> (Department of Zoology)	<b>Workshop on “Tools and Techniques in Statistical Analysis”</b> Department of Biomedical Science, Botany, Mathematics and Zoology organised the two week national workshop (online) on ‘Tools and Techniques in Statistical Analysis’ from 06-19 April, 2021 on Zoom from 4-6 pm every day, During this 15 day long workshop, two sessions were being conducted by the eminent speakers - Professor T R Rao, IISER, Berhampur; Professor Ram Kumar, Central University of South Bihar; Professor Aditi Gangopadhaya, Department of Mathematics, IIT-Roorkee; Dr Mohd. Arshad, Assistant Professor, Department of Mathematics, IIT-Indore; Dr Amit Kumar Misra, Assistant Professor, Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow; Dr Akanksha Gupta, Assistant Professor, Department of Statistics, Institute of Science, Bangalore; Dr Qazi Azhad Jamal, Assistant Professor, Department of Mathematics and Statistics, Banasthali Vidyapith, Rajasthan; Dr Shashi Bhushan, Associate Professor and Head, Department of Mathematics & Statistics, Dr Shakuntala Misra National Rehabilitation University, Lucknow. They gave lectures on the broad themes of Fundamentals of Statistics (special reference to biology), Data types and collection, Sampling techniques, Measures of central tendency and Measures of dispersion, Correlation and Regression Analysis, Statistical inference, Estimation procedures, hypothesis testing (Student’s ‘t’ test, chi square test, F test), Introduction to Binomial, Poisson and Normal distribution, and uses of advance softwares (R, SPSS and SigmaPlot) in modern biostatistics.	210	April 06-19 2021	<a href="#">View</a>
3	2020-21	<b>Dr Surinder Kaur</b> <b>Dr Shalu Mahajan</b> <b>Dr Jitender Goel</b> <b>CA Yask Sain</b> (Department of Commerce)	<b>Interdisciplinary FDP on “From Research to Publication”</b> Two week (online) Interdisciplinary FDP on “From Research to Publication” jointly organized by Department of Commerce, Acharya Narendra Dev College and Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi Date: 5th April – 17th April, 2021 Report: The next event was “TWO WEEKS ONLINE FACULTY DEVELOPMENT PROGRAMME on ‘FROM RESEARCH TO PUBLICATION’” from 5th April to 17th April, 2021 via Zoom Platform. We all know the importance of Publications in today’s time, particularly when one is in academics field. Keeping in mind the relevance of getting good publications, the two-week online FDP was organized in which over 120 participants across the country participated and 24 renowned Speakers were invited who addressed the gatherings. These 24 Speakers need no introduction and enlightened the audience about the basics of research, various tools & techniques, how to write a good paper and getting it published. The said FDP was the need of the hour as everyone is trying luck in getting his/her paper in Good and Reputed Journal.	128	April 05-17, 2021	<a href="#">View</a>

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4	2020-21	<b>Dr Ravneet Kaur (Department of Electronics)</b>	<p>Workshop on <b>“Data Science with Python”</b>. (Under the aegis of DBT star College Scheme)</p> <p>A five day workshop (with two hours session each day) on implementation of various algorithms of Data Science with Python programming was organized by the department from March 03-07, 2021 in technical collaboration with industry partner M/s Brain Mentors Pvt. Ltd.</p> <p>In addition to students from electronics department, the workshop was attended by students from other departments also including physics and computer science. The workshop was found to be very beneficial and informative by all the participants as Data science is emerging as one of the most rapidly growing fields of technology. Extensive hands-on training and exposure was provided to the participants during the five days of the workshop on implementing Data Science algorithms using python programming.</p> <p>At the end of the workshop, participants got to learn and implement various aspects of data science including: Data analysis on Covid-19 and IPL Face detection and Recognition Face Mask detection using machine learning</p> <p>An assignment/task was given at the end of each day of the workshop. E-certificates were provided to all the participants who attended all the five days of the workshop and were able to successfully complete the assignments given.</p>	31	<b>March 03-07, 2021</b>	<a href="#">View</a>
5	2020-21	<b>Dr PoojaBhagat (Department of Chemistry)</b>	<p><b>“Hands on training for skill development”</b></p> <p>UBA@ANDC organised <b>‘Hands on training’</b> for <b>skill development</b> of the interested residents of the adopted area, Govindpuri on March 01 and 02, 2021. During recent visits to the area by UBA volunteers, they discussed the problems faced by the residents to which most of the residents informed that they are struggling for their livelihood as due to corona they do not have any more paid jobs. The purpose of the training program was to help them be self reliant. In the training program, UBA@ANDC along with the Entrepreneurship Cell of the college, trained them in the preparation of different types of Hand Washes (Liquid Soap). During the program participants were given motivational talk and were also groomed with marketing skills. The participants were also given the set of material required for the preparation of these liquid soaps.</p>	22	<b>March 01-02, 2021</b>	<a href="#">View</a>

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6	2020-21	<b>Dr Archna Pandey</b> <b>Dr Rimpkaur Chowhan</b> <b>Dr Ritu Khosla</b> (Department of Biomedical Sciences)  <b>Dr Rashmi Sharma</b> (Department of Botany)  <b>Prof. Seema Makhija</b> (Department of Zoology)	Workshop on “ <b>Advanced Bioinformatics</b> ”  Department of Biomedical Science, Botany and Zoology of Acharya Narendra Dev College, University of Delhi under the patronage of Prof. Ravi Toteja (Officiating Principal, ANDC) organized three days long national workshop on the topic “A step-by step guide to data mining from literature to database” under the aegis of DBT-STAR College Scheme on 1 <sup>st</sup> -3 <sup>rd</sup> March 2021 on google meet. The resource person for the workshop was Dr. Srinivasan Ramachandran, Senior Principal Scientist, CSIR-Institute of Genomics and Integrative Biology. To ensure maximal interaction between participants and resource person, the maximum participant number was limited to 30 seats. The information about workshop was disseminated on various official social medial channels of the college including instagram, facebook, twitter and the college website, wherein the list of interested participants were sought via registration form. On the first day participants were given theoretical instructions on the significance and techniques involved in performing data mining from literature to pathways. For the subsequent two days the participants were divided into small groups of 4-5 participants, where each group was guided in a step-by-step manner to work on any one disease case or a technology case. During this workshop, the participants learned how to extract gene list for different topics from t2doacid.igib.res.in, Enrichment analysis functional interactive network, Pathways recognition and biological interpretation of data using Gene cards and Uni prot. After the hands-on work each group also presented for about 5-8 minutes on their results with discussion. The session was concluded with a vote of thanks by Dr. Rashmi Sharma. This immensely interactive session bridged the communication gap, we often feel during online workshops, and allowed participants to enhance their applied bioinformatics knowledge. The participants were highly satisfied with their experience and showed willingness to attend many more such workshops in the future.	28	March 01-03, 2021	<a href="#">View</a>
7	2020-21	<b>Dr Sunita Jelfy</b> (Department of Biomedical Sciences)	E-workshop on “ <b>Tax Regime: Old vs New</b> ”. IQAC cell	53	February 16, 2021	<a href="#">View</a>
8	2020-21	<b>Prof. Urmi Bajpai</b> <b>Dr Archna Pandey</b> (Department of Biomedical Science) <b>Dr Rashmi Sharma</b> <b>Dr Anita Narang</b> (Department of Botany) <b>Prof. Seema Makhija</b> <b>Dr Monica Misra</b> (Department of Zoology)	Workshop on “ <b>Bioinformatics for Undergraduate students</b> ”  Department of Biomedical Science, Botany and Zoology organised five days long National workshop on ‘RBPT based workshop on Bioinformatics’ from January 09-13, 2021 on Google meet. The resource persons for the workshop were Prof Jai Ram, Professor, IIT Delhi and Dr Akhilesh Misra, Research Associate, IIT Delhi.	86	January 09-13, 2021	<a href="#">View</a>

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9	2020-21	<b>Dr Harita Ahuja</b> (Department of Computer Science)	Workshop on <b>“Google classroom”</b> ( under the aegis of DBT Star Scheme)  FOSS Club of Department of Computer Science, Acharya Narendra Dev College organized a one day workshop on Google Classroom for first year students of BSc(H) CS and BSc(P) CS, Acharya Narendra Dev College. The workshop was of 4 hours duration, it started at 1:00 PM and ended at 4:00 PM. The workshop was organized keeping in mind the need of making new students familiar with the ongoing means of online teaching. The workshop was conducted under FOSS Club convener Dr. Sharanjit Kaur, and Members, Dr. Harita Ahuja and Ms. Gunjan Rani where Dr. Sharanjit Kaur and Ms. Gunjan Rani were the resource persons for the same. The workshop was attended by more than 50 students. The workshop introduced various functions of the Google Classroom to the students like how can they join a Google Classroom, how can they view and submit any assignment assigned to them by their teacher, how can they post any query, or how they can check the notes posted on the Classroom. The teachers also demonstrated the students how their attendances and assignments will be tracked throughout the semester. They were also shown how late submission of assignments will be tracked and thus motivated them to be on time on their assignment submissions. In the end students were asked to share their doubts which were further solved by the teachers.	53	November 27, 2020	<a href="#">View</a>
10	2020-21	<b>Prof. Urmi Bajpai</b> <b>Dr Rimpay Kaur Chowhan</b> (Department of Biomedical Sciences)	Workshop on <b>“Python coding workshop for biologists”</b>  A python-based programming online workshop was conducted by the Biomedical Science Department alumni, Ms Shruti Gupta and Mr Alok Anand, pursuing PhD from School of Computational & Integrative Science, Jawaharlal Nehru University. The workshop, designed as a 20hour tutorial, was conducted on weekends in November 2020 and was attended by 14 students from the B.Sc (H) Biomedical Science, IIIrd year with keen interest in computer programming. The workshop was organized by faculties of Biomedical Science department- Prof Urmi Bajpai (convenor) and Dr Rimpay Kaur Chowhan. Data analysis and programming skills are at the core of any research area, and with the vast data generated in biological research, learning a programming language has become a necessity. The workshop taught the fundamental concepts of computer programming and ways to develop algorithmic approach to solve problems. Study material and assignments were given to participants with writing complete programs to solve problems related to introductory molecular biology and physical science.	14	November 20, 2020	<a href="#">View</a>
11	2020-21	<b>Dr Sandeep Kumar Goel</b> <b>Dr Shalu Mahajan</b> <b>Dr Jitender Goel</b> (Department of Commerce)	Workshop on <b>“E-Filing of ITR 1”</b>  Workshop by Dr Surinder Kaur and CA Yask Jain on “E-Filing of ITR 1”, Bodhini : Academic Events and Research Committee, Department of Commerce. The next was the need of the hour as everyone knows the importance of filing of returns. Keeping in mind the significance of filing of returns, webinar titled “E-FILING OF ITR 1” was organized on 10th November, 2020. The speakers divided their discussion into two parts. At the first instance, speakers theoretically discussed with the audience and after that, the participants actually filed return on the Income Tax India website.	88	November 10, 2020	<a href="#">View</a>

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12	2020-21	<p style="text-align: center;"><b>Dr Ravneet Kaur</b> (Department of Electronics)</p>	<p>Workshop on “<b>Hybrid Mobile App development using Flutter programming</b>”</p> <p>A five day workshop on Hybrid Mobile App development using Flutter programming was organized by the department from July 13-17, 2020 in technical collaboration with industry partner M/s Brain Mentors Pvt. Ltd. under the aegis of ANDC SPIE Student chapter.</p> <p>In today’s time of smart phones, knowledge of Flutter programming which has become one of the most popular programming language for mobile application development is a must. The workshop was attended by students as well as faculty members of different departments from various colleges. During the five day workshop, the participants were given a very comprehensive understanding of various aspects of flutter programming including:</p> <ul style="list-style-type: none"> <li>a) Basic Flutter architecture, Flutter and Dart Set-up</li> <li>b) Building simple applications on real device and emulator</li> <li>c) Flutter Navigators &amp; Routes and event handling</li> </ul> <p>Integrating Flutter with fire base</p> <p>At the end of the workshop, the participants were able to build simple mobile applications and demonstrate their successful implementation on a real device.</p>	13	<p style="text-align: center;"><b>July 13-17,</b> <b>2020</b></p>	<p style="text-align: center;"><a href="#">View</a></p>