**दोलत राम कॉलेज** (दिल्ली विश्वविद्यालय) 4, पटेल मार्ग, मौरिस नगर, दिल्ली–110007 फोनः 011–27667863 ईमेल : daulatramcollegedu@gmail.com वेबसाइट : www.dr.du.ac.in



NAAC A<sup>+</sup> (3.36) & NIRF 26<sup>th</sup> Rank A Star Satus by GOI.

Daulat Ram College (UNIVERSITY OF DELHI)

4, PATEL MARG, MAURICE NAGAR, DELHI-110007 PHONE : 011-27667863 Email : daulatramcollegedu@gmail.com, Website : www.dr.du.ac.in

Date: 19th April, 2024

# To Whom So Ever It May Concern

This is to state that the list of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship along with their proofs from the year 2018-23 are attached herewith.

3.2.2 Number of workshops/seminars/conferences including programs conducted on Research. Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

| S.No.    | Workshops/Seminars/Conferences<br>including programs conducted on | No. of Activities | Page No. |
|----------|---|-------------------|----------|
| 1        | Research Methodology  | 38                | 1-40     |
| 2        | Intellectual Property Rights (IPR)                                | 3                 | 41-47    |
| 3        | Entrepreneurship  | 21                | 48-70    |
| <u> </u> | Total   | 62                |          |

\*Attached Documents:

1.

2.

Consolidated list of all events.

Detailed report with evidence for each event.

Janita Roy

(Prof. Savita Roy) Principal

# 3.2.2 Number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

| Year    | Name of the workshop/<br>seminar/ conference                                     | Number of<br>Participants | Date From – To                    | Link to the Activity report on the website   | Reportsubmittedbydifferentunits ofHEI isentered onfollowingpages |
|---------|--|---------------------------|-----------------------------------|--|--|
|         |  |                           | Workshops/                        | Seminars/Conferences on Research Methodology:  |  |
| 2018-19 | Workshop on Academic reading<br>and writing                                      | 32                        | July 23- July 28, 2018            | https://www.dr.du.ac.in/files/Reports/Scan%202018-19.pdf#page=39   | 1  |
| 2018-19 | Workshop on SPSS (Statistical<br>Package for Social Sciences)                    | 33                        | December 18-<br>December 24, 2018 | https://www.dr.du.ac.in/files/Reports/Scan%202018-19.pdf#page=95   | 2  |
| 2018-19 | Workshop on Research Based<br>Pedagogical Tools                                  | 30                        | March 25- March 27,<br>2019       | https://www.youtube.com/watch?v=5pF104Rlym8&list=PLVOgwA_DiGzpd3_Iz7J-81Vh4QqU-<br>ZGA9&index=129<br>See Video(17:26 to 21:13) | 3  |
| 2018-19 | Workshop on Research<br>Methodology  | 24                        | May 27- June 03, 2019             | https://www.dr.du.ac.in/files/Reports/Annual%20report2019-20%20.pdf#page=15  | 4  |
| 2018-19 | Hands on training workshop on<br>Drosophila & Zebrafish model<br>system          | 15                        | May 28-May 31,<br>2019            | https://www.dr.du.ac.in/files/training/2019-20.pdf#page=18   |  |
| 2019-20 | Summer Internship Program on<br>Zebrafish model system                           | 15                        | June 17 -July 17,<br>2019         | https://www.dr.du.ac.in/files/training/2019-20.pdf#page=18   | 5-8  |
| 2019-20 | Training program on Zebrafish<br>Husbandry                                       | 50                        | September 24, 2019                | https://www.dr.du.ac.in/files/training/2019-20.pdf#page=18   |  |
| 2019-20 | Hands on training workshop on<br>"Zebrafish model system"                        | 15                        | December 17 – 20<br>2019          | https://www.dr.du.ac.in/files/training/2019-20.pdf#page=19   |  |
| 2019-20 | Skill Development (Hands-on<br>Training) Program on Basics of<br>Bio-informatics | 37                        | July 11-17, 2019                  | https://www.dr.du.ac.in/files/training/2019-20.pdf#page=13   | 9  |

| Year    | Name of the workshop/<br>seminar/ conference  | Number of<br>Participants | Date From – To          | Link to the Activity report on the website  | Report<br>submitted<br>by<br>different<br>units of<br>HEI is<br>entered on<br>following<br>pages |
|---------|---|---------------------------|-------------------------|---|--|
| 2010 20 | Skill Development (Hands-on   | 26                        | July 12 July 10, 2010   | https://www.dr.du.ac.in/files/training/2019-20.pdf#page=6                                   | 10   |
| 2019-20 | Training) Program on Latex and<br>its application                                     | 26                        | July 12-July 19, 2019   | https://www.dr.du.ac.in/files/Reports/Annual%20report2019-20%20.pdf#page=13                 | 10   |
| 2019-20 | Summer Internship Programme<br>on "Research Methodology for<br>Chemistry"             | 150                       | May 16-30, 2020         | https://twitter.com/drc_du/status/1301871496147562497                                       | 11   |
| 2020-21 | Workshop on Content Writing   | 90                        | August 02, 2020         | https://www.dr.du.ac.in/files/Reports/Annual%20Report%202020-2021.pdf#page=122              | 12   |
| 2020-21 | Workshop on Academic reading<br>& writing   | 72                        | February 24, 2021       | https://www.dr.du.ac.in/files/Reports/Annual%20Report%202020-2021.pdf#page=64               | 13   |
| 2021-22 | Workshop on SPSS and<br>Publishing research work                                      | 41                        | July 16-19,2021         | https://www.dr.du.ac.in/files/training/2021-22.pdf#page=14                                  | 14   |
| 2021-22 | Workshop on Research analysis:<br>Tools and Techniques                                | 33                        | August 16-21, 2021      | https://www.dr.du.ac.in/files/training/2021-22.pdf#page=8                                   | 15   |
| 2021-22 | The Writing Workshop  | 21                        | September 13, 2021      | https://www.dr.du.ac.in/files/Academics/Annual%20Report%202021-22%20Compressed.pdf#page=132 | 16   |
| 2021-22 | Workshop on Python as an important tool for data analysis                             | 14                        | November 01-10,<br>2021 | https://www.dr.du.ac.in/files/Academics/Annual%20Report%202021-22%20Compressed.pdf#page=159 | 17   |
| 2021-22 | Workshop on 'LEARN AND<br>EXPLORE WITH ANIMAL<br>MODELS'                              | 102                       | January 03-08, 2022     | https://www.dr.du.ac.in/files/Academics/Annual%20Report%202021-22%20Compressed.pdf#page=25  | 18   |
| 2021-22 | Workshop on Enhancing<br>Programming Skills With Python<br>and XCOS                   | 135                       | January 13-14, 2022     | https://www.dr.du.ac.in/files/Academics/Annual%20Report%202021-22%20Compressed.pdf#page=61  | 19   |
| 2021-22 | Workshop on SPSS: Statistical<br>Software   | 60                        | January 29, 2022        | https://www.dr.du.ac.in/files/Academics/Annual%20Report%202021-22%20Compressed.pdf#page=176 | 20-21  |
| 2022-23 | Skill Development (Hands-on<br>Training) Program on<br>Developing Psychometric Skills | 23                        | July 11-16, 2022        | https://www.dr.du.ac.in/files/SDP/Annual%20SDP%20report%202022-23_revised.pdf#page=42       | 22   |
| 2022-23 | Hands on training in life science:<br>Tools and techniques                            | 36                        | July 13-19, 2022        | https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=23                               | 23   |

| Year    | Name of the workshop/<br>seminar/ conference   | Number of<br>Participants | Date From – To                                | Link to the Activity report on the website  | Report<br>submitted<br>by<br>different<br>units of<br>HEI is<br>entered on<br>following<br>pages |
|---------|--|---------------------------|---|---|--|
| 2022-23 | Workshop on Drosophila as<br>Model Organism  | 26                        | September 22, 2022<br>& September 29,<br>2022 | https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=13                                 | 24   |
| 2022-23 | Workshop on Mushroom<br>Cultivation  | 102                       | September 26, 2022                            | https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=34                                 | 25   |
| 2022-23 | Skill Development (Hands-on<br>Training) Program on Science<br>Communication                           | 30                        | November 05-28,<br>2023                       | https://www.dr.du.ac.in/files/SDP/Annual%20SDP%20report%202022-23_revised.pdf#page=9          | 26   |
| 2022-23 | Workshop on Academic Reading<br>And Writing  | 63                        | November 30, 2022                             | https://www.dr.du.ac.in/files/Reports/Annual%20Report%20%20FINAL%20%2023.03.2023.pdf#page=122 | <u>27</u>  |
| 2022-23 | Workshop in Zebrafish Model<br>system  | 13                        | December 13-19,<br>2022                       | https://www.dr.du.ac.in/files/Reports/Annual%20Report%20%20FINAL%20%2023.03.2023.pdf#page=11  |  |
| 2022-23 | Winter Workshop on academic<br>writing   | 65                        | December 18, 2022-<br>January 15, 2023        | https://www.dr.du.ac.in/files/training/2021-22.pdf  | 29   |
| 2022-23 | Skill Development (Hands-on<br>Training) Program on Unveiling<br>the Animal World in Behavioral<br>Way | 28                        | March 23- April 08,<br>2023                   | https://www.dr.du.ac.in/files/SDP/Annual%20SDP%20report%202022-23_revised.pdf#page=71_        | 30   |
| 2022-23 | Workshop on Tools and<br>Techniques for Drosophila<br>maintenance                                      | 14                        | May 26-30, 2023                               | https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=43                                 | 31   |
| 2022-23 | Summer Training Workshop in Zebrafish Model system   | 23                        | June 05- 16, 2023                             | https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=49                                 | 32   |
| 2020-21 | Webinar on Reading Graphic<br>Narrative  | 90                        | Aug 19, 2020                                  | https://www.instagram.com/p/CERy5wDjbrO/  | 33   |
| 2020-21 | Webinar on How to read scientific literature   | 100                       | February 17, 2021                             | https://www.instagram.com/p/CLRm8KmDVmd/  | 34   |
| 2021-22 | Webinar on Research<br>Methodology   | 96                        | August 19, 2021                               | <u>https://www.instagram.com/p/CSjTB1djXSc/</u>   | 35   |
| 2021-22 | Webinar on Qualitative<br>Analysis: Simple steps to<br>understand human behaviour                      | 100                       | September 17, 2021                            | https://www.dr.du.ac.in/files/Academics/Annual%20Report%202021-22%20Compressed.pdf#page=36    | 36   |

| Year    | Name of the workshop/<br>seminar/ conference   | Number of<br>Participants | Date From – To           | Link to the Activity report on the website                       | Report<br>submitted<br>by<br>different<br>units of<br>HEI is<br>entered on<br>following<br>pages |
|---------|--|---------------------------|--------------------------|--|--|
| 2022-23 | Seminar on Basics of writing a research paper  | 125                       | March 27, 2023           | https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=38    | 37   |
| 2022-23 | Seminar on Role of Taxonomy<br>in authentication of Plants,<br>Research and development  | 125                       | March 27, 2023           | https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=38    | 37   |
| 2018-19 | Internship training on Drosophila<br>Model System  | 22                        | June 14-July 18, 2018    | Report is attached with this file.(See page 38-40 of attachment) | 38-40  |
|         |  |                           | Workshops/Semir          | ars/Conferences on Intellectual Property Rights (IPR):           |  |
| 2022-23 | Workshop on Intellectual<br>Property Rights and Biological<br>Resources  | 100                       | January 17, 2023         | https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=36    | 41-42  |
| 2021-22 | Webinar on Intellectual Property<br>rights (IPR)- career and future<br>perspective   | 116                       | April 12, 2022           | https://www.dr.du.ac.in/files/training/2021-22.pdf#page=4        | 43-44  |
| 2022-23 | Webinar on Intellectual Property<br>rights (IPR)- career and future<br>perspective   | 80                        | February 25, 2023        | https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=31    | 45-47  |
|         | · ·  |                           | Workshoj                 | os/Seminars/Conferences on Entrepreneurship:                     |  |
| 2020-21 | Jewelry making Workshop  | 68                        | February 28, 2021        | https://www.instagram.com/p/CLonyRXDcHd/                         | 48   |
| 2022-23 | Workshop on Learning<br>gardening techniques-A Step<br>towards Entrepreneurship I:<br>BASIC TECHNIQUES FOR<br>HOME GARDENING                                   | 110                       | September 14-15,<br>2022 | https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=19    | 49   |
| 2022-23 | Workshop on Learning<br>gardening techniques-A Step<br>towards Entrepreneurship II:<br>DEVELOPING A HERBAL<br>GARDEN: NATURE TO<br>NURTURE THROUGH<br>AYURVEDA | 125                       | February 10, 2023        | https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=20    | 50   |

| Year    | Name of the workshop/<br>seminar/ conference  | Number of<br>Participants | Date From – To     | Link to the Activity report on the website                                    | Report<br>submitted<br>by<br>different<br>units of<br>HEI is<br>entered on<br>following<br>pages |
|---------|---|---------------------------|--------------------|---|--|
| 2022-23 | Workshop on Learning<br>gardening techniques-A Step<br>towards Entrepreneurship III<br>BONSAI AND PENJING | 105                       | April 12, 2023     | https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=21                 | 51   |
| 2018-19 | Startअब, An interactive<br>workshop on Entrepreneurship   | 110                       | January 10, 2019   | https://www.instagram.com/p/BsazUyLnLYh/                                      | 52   |
| 2020-21 | Workshop on how to make<br>business plan  | 120                       | January 22, 2021   | https://www.instagram.com/p/CKOi-uzjbC1/                                      | 53   |
| 2022-23 | Workshop on The enablers of startup Eco system  | 35                        | April 05, 2023     | https://www.instagram.com/p/CqKajmbvuT7/                                      | 54   |
| 2018-19 | The Business Conclave to build<br>entrepreneurship (IMBIZO 1.0)   | 120                       | January 14, 2019   | https://www.instagram.com/p/Bsf-jRNHVR6/                                      | 55   |
| 2019-20 | The Business Conclave to build<br>entrepreneurship(IMBIZO 2.0)  | 110                       | February 06, 2020  | https://www.instagram.com/p/B78z9z7nuLc/                                      | 56   |
| 2019-20 | Webinar on Women and the making of Aatmanirbhar Bharat  | 700                       | June 12, 2020      | https://www.dr.du.ac.in/files/Reports/Annual%20Report%202020-2021.pdf#page=19 | 57   |
| 2019-20 | Webinar on Impact of Covid-19<br>on Start-ups and Global<br>Economy                                       | 70                        | June 28, 2020      | https://www.instagram.com/p/CB4vgI6DnTi/                                      | 58   |
| 2020-21 | Webinar on Devika Narain on<br>her journey of starting her own<br>business from scratch                   | 80                        | July 20, 2020      | https://www.instagram.com/p/CCp4SjVjb3Y/                                      | 59   |
| 2020-21 | International webinar on<br>Government policies and<br>challenges to entrepreneurship                     | 95                        | September 02, 2020 | https://www.instagram.com/p/CEa1KRMj3IH/                                      | 60   |
| 2020-21 | Webinar on Social<br>Entrepreneurship and organ<br>donation   | 92                        | February 06, 2021  | https://www.instagram.com/p/CK9PjEEjP9B/?igsh=amE4ZHh3NGJjcXJn                | 61   |

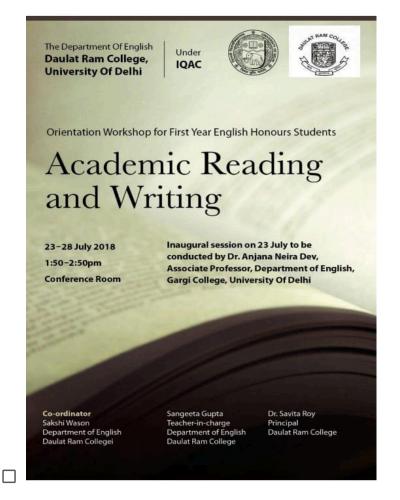
| Year    | Name of the workshop/<br>seminar/ conference                                       | Number of<br>Participants | Date From – To    | Link to the Activity report on the website   | Report<br>submitted<br>by<br>different<br>units of<br>HEI is<br>entered on<br>following<br>pages |
|---------|--|---------------------------|-------------------|--|--|
|         |  |                           |                   | https://www.instagram.com/p/CLJTlZ9jmXp/<br>https://www.instagram.com/p/CLLdYkXjIEg/   |  |
| 2020-21 | Webinar on Dialogues with<br>Entrepreneurs   | 95                        | February 17, 2021 | https://www.instagram.com/p/CLUG3VGjk8D/   | 62   |
|         |  |                           |                   | https://www.instagram.com/p/CLWAMdrjLOa/   |  |
| 2021-22 | Seminar on Investment in<br>Startups   | 120                       | April 27, 2022    | https://www.instagram.com/p/CcwwuIvBZvg/   | 63   |
| 2021-22 | Panel Discussion on Roadmap to<br>a Thriving Startup                               | 85                        | March 09, 2022    | https://www.instagram.com/p/Cacd0NOBndj/<br>https://www.dr.du.ac.in/files/Academics/Annual%20Report%202021-22%20Compressed.pdf#page=78 | 64   |
| 2021-22 | Webinar on Marketing,<br>Financing and Scaling Startups                            | 130                       | October 09, 2021  | https://www.instagram.com/p/CUmXDpzBfBu/   | 65   |
| 2021-22 | Webinar on Scaling a Startup   | 120                       | March 09, 2022    | https://www.instagram.com/p/CacZ3leBCrE/   | 66   |
| 2020-21 | Workshop on Startup as game<br>Changers: Be glam Diva<br>Internally and Externally | 25                        | March 22-27, 2021 | Report is attached with this file.(See page 67-68 of attachment)   | 67-68  |
| 2020-21 | Workshop on Startup as game<br>Changers: Career development<br>under new normal    | 30                        | March 22-27, 2021 | Report is attached with this file.(See page 69-70 of attachment)   | 69-70  |

### Report of Workshop On Academic Reading and Writing 2018

Date of Event: 23<sup>rd</sup> to 28<sup>th</sup> July, 2018 Venue of the Event: Conference Hall, DRC Organizer : English Department under IQAC

# Resource Person : Dr. Anjana Neira Dev, Associate Professor, English Dept, Gargi College

**Summary of the Event**: The workshop aimed at explaining to First Year English Hons Students the need for clear and coherent expression of ideas and thoughts. It introduced the students to the conventions of Academic Writing, familiarising them with its nuances and codes such as paraphrasing, summarising, citing resources, avoiding plagiarism etc. Thereafter the teachers of the English Department, Daulat Ram College individually mentored groups of first year students in the conventions of Academic Reading and Writing. The Students' feedback was very satisfactory. They understood the requirements and rigours of entering academic life and also produced some original pieces of writing.



Activity Covered in College Annual Report 2018-19

https://www.dr.du.ac.in/files/Reports/Scan%202018-19.pdf#page=39

# Report of Workshop On Statistical Package for the Social Sciences(SPSS)

Date of Event: 18th Dec 2018 to 24th Dec 2018

# Venue of the Event: 104

**Organizer :** Commerce and Economics Department No. of Students: 33 Coordinators: Mrs. Ritu Khanna and Dr. Gunjan Gupta

# **Resource Person :**

- 1. Mr Arnav Kumar, Assistant Professor, Ramanujan college, DU
- 2. Ms Kirti Saroha, Research scholar, Department of commerce, Delhi school of Eco\nomics, University of Delhi.

**Objectives**- To inculcate the skill of research in students of DRC and create the environment of research in DRC by SPSS package

For assessment we divided all students into 6 groups from the beginning sessions so that they can make their own case study. On the last day they analysed their results and presented their research work over a laptop. Resource persons created a competition environment to assess the outcome of this whole program SDP SPSS and announced prizes for the winning team.



Activity Covered in annual report 2018-19:

https://www.dr.du.ac.in/files/Reports/Scan%202018-19.pdf#page=95

# Report on RBPT Workshop

The Department of Zoology celebrated its golden jubilee year in 2018-2019 by organizing various workshops and seminars. In the year 2019 from March 25<sup>th</sup> to 27<sup>th</sup> 'Research Based Pedagogical Tools (RBPT)' Workshop for Science Teachers was organized along with IISER Pune as Knowledge partners. More than 40 teachers from various colleges of Delhi University attended the workshop. Inaugural session included talk by two eminent academicians.

Dr Arun Kumar Pandey, Vice-Chancellor, Mansarovar Global University, Bhopal talked about amalgamation of conventional methods and technology in the teaching learning arena. Dr. Pratibha Jolly gave an inaugural talk on the topic "Undergraduate Science Education Guiding Change, Transforming Ecosystems".

Dr.Savita Roy, Principal Daulat Ram College emphasized on making the teaching learning process more student-centric. She said the practical component is very important and the students must be encouraged to do an activity by themselves to learn. Prof.M.M. Chaturvedi gave a valedictory lecture on the topic "Fourth Revolution in Education (E 4.0)".

Dr.Vandana Luthra, Dr. Sudhir Verma and Dr Mallika Pathak conducted the workshop as RBPT trainers. Major themes included Introduction of RBPT, development & analysis of RBPT and presenting the RBPT.

After attending the three day workshop all the participants were of the opinion that the entire pedagogy should consist of a major component of research. During the workshop Mobile Digital Planetarium was also arranged in the premises.

RBPT workshop was telecasted on 30th March in Science Reporter on Rajya sabha TV:

https://www.youtube.com/watch?v=5pF104Rlym8&list=PLVOgwA\_DiGzpd3\_Iz7J -81Vh4QqU-ZGA9&index=129



# Report of Workshop On Research Methodology

Date of Event: 27<sup>th</sup> May 2019 to 3<sup>rd</sup> June 2019 Venue of the Event: Commerce Computer Lab Organizer : Commerce Department No. of Students: 24

# Resource Person : Dr. Gunjan Gupta and Dr. Minakshi Paliwal , Assistant Professor, Commerce Department

# Summary of the Event:

Students were introduced to Research Methodology and Research Process in Session 1. Thereafter, the 7 steps in preparing Research Proposal often acronmyed as TIPOLiMeR were discussed. On day 2, students were introduced to the concept of Types of Research, Sampling Design and Sampling Error and Measurement Scales and Types of Measurement Scale were explained. Day 3 was about Data Types and Data Collection Process and Secondary Data Analysis using MS Excel. Next day, Hypothesis Formulation and Hypothesis Testing along with questionnaire designing for research investigation. Sessions on Day 5 and 6 included Primary Data Analysis and Mixed Method Approach. On the final day, how to prepare a Research Report was discussed. Later, group presentations were made by all the participants to use the learnings of the workshop to do a small research on topics of their interest.

Activity Covered in College Annual Report 2019-20

https://www.dr.du.ac.in/files/Reports/Annual%20report2019-20%20.pdf#page=15









4, Patel Marg, Maurice Nagar, Delhi-110007



# **Report 2019-20**

# Zebrafish Lab Facility Daulat Ram College

The zebrafish lab facility in Daulat Ram College was set up in October 2015, jointly by Biochemistry and Zoology Departments in collaboration with CSIR-IGIB, Mathura Road, Delhi, and Sansriti Foundation Delhi. The facility has been funded by Star Innovation projects DU, Star College project DBT, Govt. of India, and Innovation projects DU. It was developed with the aim of providing an alternative *in vivo* non –invasive model system for science education, teaching and research.

Students of Biochemistry (Hons), Zoology (Hons) and Life Sciences join the lab as interns and work on research projects during their free time and holidays. This opportunity provides students with experiences wherein they can explore and discover the nature and process of scientific research using zebrafish model system. Small internship programs are also conducted for school students.

Zebrafish lab facility organized the following training workshop and training programs:

- Hands on training workshop on "Drosophila and Zebrafish model systems" 28<sup>th</sup> -31<sup>st</sup>, 2019 May was jointly organized with Dr. Chitra Bhasin of Zoology department, for science teaching faculty of Delhi University Colleges. 15 teachers participated in the workshop.
- Summer Internship Program for science undergraduate students of Delhi University was organized from 17<sup>th</sup> June – 17<sup>th</sup> July 2019, on "Zebrafish Model System" at Zebrafish facility, Daulat Ram College. 15 students participated.
- One day training program on " Zebrafish Husbandry" was organized for Zoology Hons. Students of Khalsa College, University of Delhi on 24<sup>th</sup> September, 2019. 50 students participated in the workshop.

- Hands on training workshop on "Zebrafish model system" was conducted from 17<sup>th</sup> Dec – 20<sup>th</sup> December 2019 in Zebrafish lab facility, Daulat Ram College. 15 undergraduate students of Zoology (Hons) Ist year Daulat Ram College participated in the workshop
- Two PhD Scholars from Ashoka University, Haryana, underwent training in "Zebrafish Husbandry" in January 2020.

Small research projects undertaken by faculty and students in Zebrafish lab facility have resulted in one publication in UGC approved journal and 4 poster presentations in National and International Conferences.

Zebrafish lab facility also serves as a resource center to provide zebrafish and embryos to other colleges/ departments and research institutes to support teaching and lab practicals.

The following faculty were the Resource persons for the internship and training programs:

Dr. Padmshree Mudgal (Department of Biochemistry, DRC) Co-ordinator

Dr. Chitra Bhasin (Department of Zoology, DRC)

Dr. Adita Joshi (Sansriti Foundation)

Dr. Radhika Gupta (Department of Biochemistry, DRC)

Pala Mudia

Dr. Padmshree Mudgal Professor, Department of Biochemistry, Incharge- Zebrafish Lab Facility Daulat Ram College, University of Delhi, New Delhi, India 110007 pmudgal@dr.du.ac.in



2019/6/17 10:37



# Report of SDP On BASICS OF BIOINFORMATICS: Theory & Practical

Date of Event: 11th -17th July 2019

# Venue of the Event: Botany Department Lab

# **Organizer : Botany Department, Daulat Ram College**

No. of Students: 37

# Course Coordinators: Dr Nidhi Gautam and Dr Meenakshi Sharma

**APPLICATIONS** OF **IN-HOUSE** SKILL DEVELOPMENT BIOINFORMATICS **PROGRAMME**: With the help of this training based programme participants became experts of bioinformatics tools to do high-capacity analysis of genes and proteins. It will not only help them to get better scores in subjects of molecular and bioinformatics paper but also help them to crack various competitive exams after graduation or post graduations. This program equipped the graduate botany students with valuable hands-on experience of modern concepts of bioinformatics research themes and methods. The portfolio of skills developed on the program is also suited to research (PhD and PDF) or work within the bioinformatics industry as well as a range of commercial settings. This hand on programme improved the career prospects of the participants by developing a range of transferable skills such database-interrogating skills etc. An informative manual was also prepared and distributed to all 37 participants for further use.



Activity covered in annual report 2019-20:

https://www.dr.du.ac.in/files/Reports/Annual%20report2019-20%20.pdf#page=13

# Report of SDP on

# "Latex and its Applications

Organized by Physics Department of Daulat Ram College, Delhi University

**Objective:** This Program provides an opportunity to learn LaTex, a typesetting programming language. The students will be able to use this knowledge for producing high quality technical and scientific typeset documents, reports as well as for making pictures. This will surely benefit students and give them edge in their academics over others.

<u>Convenor/co-convenor:</u> The event was organized under the supervision of

- 1. Dr. Savita Roy (PRINCIPAL)
- 2. Dr. Onkar Mangla (CONVENOR)
- 3. IQAC Observer: Dr. Pooja Jain

Duration with dates: 12<sup>th</sup>-19<sup>th</sup> July 2019 from 10:00 am to 2:00 pm

# Number and profile of participants

The participants of this seminar were the graduation students of Physics (Hons) (II<sup>nd</sup> and III<sup>rd</sup> year) from Physics Department, Daulat Ram College.

Total number of students = 26

Total number of faculties = 5

- 1. Dr. Omwati Rana (Physics Department)
- 2. Dr. Onkar Mangla (Physics Department)
- 3. Dr. Neetu Agrawal (Physics Department)
- 4. Dr. Neeru Sehdev (Physics Department)
- 5. Dr. Tarun Chaudhari (Physics Department)

Total number of participants = 26 + 5 = 31

# For detailed report on website, click here:

https://www.dr.du.ac.in/files/training/2019-20.pdf#page=6

Activity covered in annual report 2019-20: https://www.dr.du.ac.in/files/Reports/Annual%20report2019-20%20.pdf#page=13

# Online Summer Internship Programme on "Research Methodology for Chemistry"

"All progress is born of inquiry. Doubt is often better than overconfidence, for it leads to inquiry, and inquiry leads to invention" is a famous Hudson Maxim in context of which the significance of research can well be understood. Having a good foundation of research at any level may help in pursuing a research career in the future. Thus, the study of research methodology in chemistry is important as it provides researchers pursuing chemical research, the necessary training in choosing methods, materials, scientific tools and training in techniques relevant for the problem chosen.

From initiation of a research idea to the ultimate culmination in publication there are many segments in the research methodology. In order to productively utilize the lockdown due to Covid 19 pandemic for academic pursuits, Department of Chemistry, Daulat Ram College organized Online Summer Internship Programme on **"Research Methodology for Chemistry"** for undergraduate and postgraduate students during **16th to 30th May 2020** under the able guidance of Principal, Dr Savita Roy and programme convenor, Dr Priti Malhotra, Co-Convenor Dr Arti Jain. The session was inaugurated with the talk by Dr Rakesh Parashar for the Department of Chemistry, DU who talked about "**Safe handling of** *Lab chemicals* and optimum use of prevalent chemicals for *Corona prevention*".

**150 students** participated in the internship program and get familiarized with the use of softwares and statistical tools for data analysis, scientific instruments, safe handling of lab chemicals, research metrics, formulation of research problems, literature review, how to write research publications and scientific posters, how to access e-journals, plagiarism and research ethics. The students also learnt about biological and chemical research in the context of Covid 19 and optimum use of chemicals for corona prevention such as medicines and sanitizers. The participants submitted research articles and scientific posters as part of the assessment in the internship. Also at the end of each module they had to answer multiple choice questions to analyse their understanding of the topic taught.

Link on X(formerTwitter): https://twitter.com/drc\_du/status/1301871496147562497

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| Settings | Daulat Ram College, University of Delhi  |
|          | 1/7<br>Department of Chemistry, Daulat Ram College organized Online Summer<br>Internship Programme on "Research Methodology for Chemistry" for<br>undergraduate&postgraduate students during 16-30 May 2020 under<br>the able guidance of Principal, Dr.Savita Roy&Convenor, Dr Priti<br>Malhotra.   |
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# Report of Workshop on Content Writing

Date of Event: August 02, 2020

Venue: Zoom

Organizer : Placement Cell, DRC

No. of students: 90

Resource Persons : Ms. Rishika Khanna (CEO, The Pocket Full Of Words)

### Summary of the Event:

The Pocket full of words' motive is to give people a platform to write and post their content with their own creativity. Students get to learn about content writing, which is usually paid and learned from the CEO herself. They also get a higher chance to intern at Pocket full of words.

# Event covered in Annual Report 2020-21:

https://www.dr.du.ac.in/files/Reports/Annual%20Report%202020-2021.pdf#page=122

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# Report of Workshop On Academic Reading and Writing 2021

Date of Event: 24 February 2021 Venue of the Event: Conference Hall, DRC Organizer : English Department

# Resource Person : Dr.Sakshi Wason, Assistant Professor, English Department

No. of Students:72

### Summary of the Event:

On February 24, 2021, the first part of the "Academic Reading and Writing" workshop was held, as part of the Study Circle activities, for first year students. The workshop was conducted by Ms. Sakshi Wason, Assistant Professor, Department of English. It was attended by 72 students. The second part of the workshop is planned for the upcoming month. The workshop aimed at introducing students to the conventions of academic reading and writing, the MLA referencing style, aspects of summarising and paraphrasing and gave students tips regarding how plagiarism can be avoided.

Activity Covered in College Annual Report 2020-21

https://www.dr.du.ac.in/files/Reports/Annual%20Report%202020-2021.pdf#page=64

# WORKSHOP ON SPSS AND PUBLISHING RESEARCH WORK

# Organised by

# Capacity Building Centre, under Psychology resource centre 16<sup>th</sup>- 19<sup>th</sup> July, 2021 SCHEDULE OF THE WORKSHOP:

The workshop was divided into 2 sessions:

Day 1 (16<sup>th</sup> July, 2021) - Basic SPSS

Day 2 (17<sup>th</sup> July, 2021)– Advanced SPSS (This session was incorporated later on the demand of the participants)

Day 3 (19th July, 2021) – Publishing in research journals

# **RESOURCE PERSONS:**

Days 1 and 2 – Dr Deepesh Rathore

Day 3 – Dr Suparna Jain Thakur

# **METHOD OF EVALUATION:**

The participants became eligible to secure a certificate on completion of:

- 2 assignments on SPSS for hands on training
- 1 quiz on publishing in research journals

PARTICIPANTS: 3<sup>rd</sup> Year students of Psychology Hons., DRC

Out of 41 registrations, 21 received the certificate of completion after meeting the submission requirements.



Activity covered in annual report 2021-22:

https://www.dr.du.ac.in/files/Academics/Annual%20Report%202021-22%20Compressed.pdf#page=36

For detailed report, click here: https://www.dr.du.ac.in/files/training/2021-22.pdf#page=14

# Student Training Workshop on Research Analysis: Tools and Techniques

# **Organising Department: Zoology Department**

Convenors : Dr. Jyoti Taneja, Dr. Sunita Kumari Yadav

# No. Students Participated : 33

Duration: August 16-21, 2021

**Topics Covered:** 

- 1. Research Methodology
- 2. Data Presentation
- 3. Data Analysis
- 4. Poster Presentation
- 5. Publication writing

Activity covered in annual report 2021-22: https://www.dr.du.ac.in/files/Academics/Annual%20Report%202021-22%20Compressed.pdf#page=184

For detailed report on website click here:

https://www.dr.du.ac.in/files/training/2021-22.pdf#page=8

| 20201220  | nent of Zoology<br>ege, University of Delhi   |
|---|---|
| 16th - 21st   | AUGUST,2021   |
| WHO CAN APPLY?  | "RESEARCH ANALYSIS:<br>TOOLS AND TECHNIQUES"  |
| UG STUDENTS OF<br>DAULAT RAM<br>COLLEGE                             | THEMES:<br>Research Methods   |
| REQUIREMENTS  | Data collection tools and     Management  |
| LAPTOP/COMPUTER/SMART<br>PHONE WITH A STABLE<br>INTERNET CONNECTION | Data Analysis     Poster Presentation     Publication writing   |
|   | Honorable guest:<br>4. Singh, Deshbandhu college  |
|   | stration : August 10, 2021<br>s://forms.gle/HiqcMGH252nUqhyk6   |
| Principal: Dr. Savita Roy<br>Staff advisor : Dr. Meenakshi Thakur   | Coordinator :         For further queries contact:           Dr. Jyoti Taneja (TIC)         Shramana - 9062894520           Dr. Sunita K. Yadav         Khushi - 7017952620 |

# Report of The Writing Workshop

Title: The Writing Workshop Date of Event: 13 September, 2021 Venue of the Event: Online (Google Meet) Organizer : BA Programme Committee under IQAC Convenor: Moitree Bhattacharya Resource Persons: Sakshi Wason, Department of EnglishNo of Participants: 21 (BA Programme students)

Objective of the Event: The objectives of the workshop were as follows:

1. Enabling students to create the right structure to write assignments, articles, essays.

2 Helping students identify grammatical errors and flaws in sentence structures.

3. Neatly demarcating the beginning, middle and end of a piece of writing.

4. Acquainting students with the methods to avoid plagiarism.

**Summary of the Event**: The workshop began with an introduction to the tripartite structure of a piece of writing (assignment/research article etc) through an example, followed by an explanation of the Process of Writing. Further, it taught students the methods to distinguish between a piece of academic and non-academic writing and conducted hands-on grammar activities such as use of the proper tenses, avoiding long sentences through the use of a better vocabulary, developing a cohesive structure and economizing the use of words. Further, summarising and paraphrasing were explained through examples and activities. The workshop also taught students how to read and analyse a piece of writing critically. It ended with a discussion on plagiarism as a serious offense and guided students as to how it can be avoided.



Activity covered in Annual report 2021-22:

https://www.dr.du.ac.in/files/Academics/Annual%20Report%202021-22%20Compressed.pdf#pa ge=132

# **Report of workshop**

# on

# Python as an important tool for data analysis

An online workshop was organized from the November 01-10, 2021 for the students of Daulat Ram College on the topic "Python as an important tool for data analysis" by Mr. Siddhant Tripathi, B.Tech Computer Science Project, Intern at DRDO, Mentor at Vigyaanshala International. **14 students** participated in the classes. At the end, the students were able to form programs in the Python language. The students from various departments participated in this class and received e-certificate after the completion of the course



# Activity covered in annual report 2021-22:

#### **REPORT of ONLINE WORKSHOP on**

# 'LEARN AND EXPLORE WITH ANIMAL MODELS<sup>7</sup>

# Date: 3rd-8th January 2022

# Organized by : Zebrafish Lab Facility, Daulat Ram College, University of Delhi in Collaboration with Sansriti Foundation, Delhi

Convener: Dr. Padmshree Mudgal, Assoc. Prof. Department of Biochemistry, Daulat Ram College.

**Objective:** To expose the students to the importance of Animal Models in science education and research

#### **Resource Persons:**

- 1. Dr. Padmshree Mudgal, Assoc. Prof. Department of Biochemistry, Daulat Ram College.
- 2. Dr. Adita Joshi, Sansriti Foundation, Delhi
- 3. Dr. Radhika Gupta, Asst. Prof. Department of Biochemistry, Daulat Ram College

#### **Invited Speakers:**

- 1. Dr. Chetna Sachidanandan, Principal Scientist, CSIR-IGIB, Mathur Road, New Delhi
- 2. Dr. Angom Ramcharan Singh, Research Assoc. Mayo Clinic, USA

#### Zoom Link: https://zoom.us/j/94782990387?pwd=S116ajJienhjSXNPYTBsaWFwS0tnUT09

Meeting ID: 947 8299 0387 Passcode: 788209

#### For detailed report click here:



# **Report of**

# 2 Day Workshop on Enhancing Programming Skills using Python and XCOS

Physics Department, Daulat Ram College organized a 2-day workshop on "Enhancing Programming Skills using Python and XCOS".

Convenor: Dr. Neeru Sehdev, Physics Department, Daulat Ram College.

Dates: 13th -14th January, 2022

# Number of Participants: 135

**Speakers:** The resource persons in this workshop were the faculty members of Physics Department, Daulat Ram College.

| Session            | Speaker Topic of Lecture   |  |  |  |  |
|--------------------|--|--|--|--|--|
| 10:00 AM -12:00 PM | Ms. Jyoti Chauhan Introduction to XCOS with Basic Pallettes and their Applications |  |  |  |  |
| 12:30 PM -2:30 PM  | Dr. Shobhit Sachan XCOS in Electrical and Electronic Circuits                      |  |  |  |  |
| 3:00 PM -5:00 PM   | Dr. Omwati Rana XCOS in Communication Systems                                      |  |  |  |  |
| 9:30 AM - 11:30    | AM Dr. Onkar Mangla Introduction to Python and its Basics Operations               |  |  |  |  |
| 12:00PM – 2:00 PM  | Dr. Shefali Jain Python Programming: Control Structures and<br>Definitions         |  |  |  |  |
| 2:30 PM – 4:30 PM  | Dr. Disha Wadhawan Application of 2-D and 3-D Plotting with Python                 |  |  |  |  |

# Winners of the Workshop:

1) Designer of the Day: Ms. Mansi Sachdeva (2<sup>nd</sup> Year), Cash Prize: Rs 200/-

2) Coder of the Day: Ms. Manisha (3rd Year), Cash Prize: Rs 200/-

3) Young Designer of the Day: Ms. Anjali Singh (1st Year), Cash Prize: Rs 100/-

4) Young Coder of the Day: Ms. Preeti Maurya (1<sup>st</sup> Year), Cash Prize: Rs 100/

Activity covered in annual report 2021-22:

# Report of Workshop On SPSS: Statistical Software

# Date of Event: 29<sup>th</sup> January 2022

Venue of the Event: Conference Hall, DRC Organizer : Psychology Association No. of Students: 40+

# Resource Person : Dr. Deepesh Rathore, Assistant Professor, Psychology Department

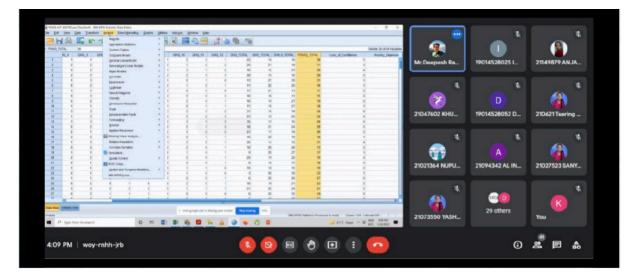
**Summary of the Event**: To help budding researchers get well versed with using softwares for analysing data, the Psychology Association conducted a workshop on "SPSS: Statistical Software" on 29th January 2022. Dr Deepesh Rathore, an esteemed faculty member, was the speaker for the day, and walked students through the importance of the software in the field of research. He proceeded to explain the basics of the software, including how to view, edit and analyse data. He also covered other topics of significance, including data view, variable views, and errors while entering data, running descriptive statistics, split file and select cases, among others. He even elaborated on how to present the data graphically. Dr Rathore explained the working of the software to the attendees, and cleared any queries that were posed. The event drew to a close with the Association members expressing their gratitude towards Dr Rathore for his time and efforts. The workshop, which was attended by several volunteers, was a successful session that helped strengthen the foundation of data analysis in the students. The Association received a highly encouraging response from the attendees, motivating us to organise similar events in the future as well.



Activity Covered in College Annual Report 2021-22 https://www.dr.du.ac.in/files/Academics/Annual%20Report%202021-22%20Compressed.pdf#page=176

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# Report of Skill Development Program on Developing psychometric skills Under IQAC

Date of Event: 11th- 16th July, 2022 Venue of the Event: Conference Hall, Daulat Ram COllege Organising Department :Psychology Department No of Participants: 23

#### Summary of the Event:

The program focused to annotate on what psychometry is, a brief about its historical background, who are psychometricians & psychometrists. The aim was to make the students aware of the basic concepts of psychometry including topics like what is a construct, psychometric soundness and utility, operational definition, assessment and so on. With the help of various examples, illustrations and theory the concepts were made clear about how as a field psychometry is so integrated and holds so much value in lives. To understand the field in a greater depth later in the session ethics and applications of psychometry were discussed followed by a number of interactive and engaging activities. The session highlighted the need for psychometry as a subfield of psychology, it's meaning and importance at the same aimed to make the students understand and keep in mind the ethical issues and further its uses in the real time as they are not just mere "IQ" or "Personality tests" there is so much more of an application to them in each and every area of life today.

For detailed Report Click here:

https://www.dr.du.ac.in/files/SDP/Annual%20SDP%20report%202022-23 revised.pdf#page=42

Few Glimpses:



# Report of Skill Development Program on Hands on training in life science: Tools and techniques Under IQAC

# Date of Event: 5 days- 13.07.22, 14.07.22, 15.07.22, 18.07.22, 19.07.22 Organizing Unit : Zoology Department Course Coordinator: Dr. Jyoti Taneja, Co-Coordinator: Dr. Sonika Sharma No of Participants: 36

**Objective of the Event**: The aim of the course is to provide students with a multi disciplinary perspective to facilitate their skills in research. The comprehensive course structure encompasses valuable wet lab skills and instrumentation knowledge that will strengthen their conceptual understanding and bridge the gap of online education. The course will expose them to fundamental concepts and basic practicals to cover topics spanning life science essential course tools and techniques. Theoretical Knowledge is not complete without practical skills and the practical aspect of the course will help students to work in research labs and understand the basic life science practical experiments exposure to fill the gap in practical knowledge and would be beneficial in their future endeavors (M.Sc./ Research/other higher studies).

For detailed Report Click here: https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=23



# BRIEF REPORT OF WORKSHOP ON DROSOPHILA AS MODEL ORGANISM

Two-day workshop was organized by Drosophila Resource Centre, Dept. of Biochemistry on 22<sup>nd</sup> and 29<sup>th</sup> September 2022. Third year students (24) and two faculties from Biochemistry Department of Shaheed Rajguru College of Applied Sciences for Women participated in the workshop.

The workshop covered the following practicals:

1. Introduction to various model organisms and why is drosophila used as model organism 2. Maintenance and culturing of drosophila

- 3. Male female differentiation and collection of virgin flies
- 4. Study of lifecycle stages of drosophila
- 5. To study mutant phenotypes of Drosophila melanogaster
- 6. To separate eye pigments (pterins) by thin layer chromatography
- 7. To prepare stained squashes of salivary glands showing well spread polytene chromosomes

Few experiments were shown as demonstration in small groups (food preparation etc.), few others were observation-based, while hands-on-training was given for maintenance and culturing of drosophila, separation of eye pigments by TLC and preparation of stained squashes of salivary glands showing well spread polytene chromosomes.



For detailed report on website click here: https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=13

# Capacity Building Workshop Series-1 On "Mushroom Cultivation"

**Capacity Building Workshop Series-1 on "Mushroom Cultivation"** was organised for the students on 28th September, 2022. More than 100 students participated from various streams. The workshop included an insightful lecture by Prof. Rajni Gupta, Department of Botany, Kirori Mal College, University of Delhi. Her lecture was followed by the visit to Mushroom culture facility in Kirori Mal College. During the visit students had hands-on experience to participants on culturing mushrooms.



# Report of Skill Development Program on SCIENCE COMMUNICATION Under IQAC

Date of Event: 5, 12, 19, 26, 28th November, 2022 Venue of the Event: Biochemistry Department, Daulat Ram College Organising Department : Department of Biochemistry No of Participants: 30

### Summary of the Event:

Science Communication Skills development Program aims to empower students to The communicate their work effectively to the public, thereby fostering greater understanding, appreciation, and support for science. By providing comprehensive training, mentorship, and resources, the program equips participants with the skills and confidence necessary to engage in meaningful science communication efforts and contribute to informed decision-making and societal progress. Also, through this skill development program students learned about the importance and need of basic research and applied research. Basic or fundamental research is mainly concerned with generalizations and formulation of a theory. Research concerning human behavior, natural phenomena or relating to pure mathematics are examples of fundamental research. Applied research focuses on finding a solution for an immediate problem facing public/society or industry. Applied research aims at certain conclusions facing a concrete social or business problem is an example of applied research. Development of Corona vaccine is an example of applied research. The research design describes how the researcher will investigate the central problem of the research and is, thus part of the research proposal. Dr. Kumar taught about characteristics of a good research design.

### For detailed Report Click here:

https://www.dr.du.ac.in/files/SDP/Annual%20SDP%20report%202022-23\_revised.pdf#page=9



Few Glimpses:

#### Report of Workshop On Academic Reading & Writing

Date of Event: November 30, 2022

# **Organizer : English Department, DRC**

No. of Students: 63

#### Resource Person : Dr.Sakshi Wason, Assistant Professor, English Department

**Summary of the Event**: The workshop aimed at introducing students to the conventions of Academic Writing, familiarising them with its nuances and codes such as paraphrasing, summarising, citing resources, avoiding plagiarism etc.

Event covered in Annual Report 2022-23:

https://www.dr.du.ac.in/files/Reports/Annual%20Report%20%20FINAL%20%2023.03.2023.p df#page=122 (see page 122)

# Zebrafish Lab Facility, Daulat Ram College

The zebrafish lab facility in Daulat Ram College was set up in October 2015, jointly by Biochemistry and Zoology Departments in collaboration with CSIR-IGIB, Mathura Road, Delhi, and Sansriti Foundation Delhi. The facility has been funded by Star Innovation projects DU, Star College project DBT, Govt. of India, and Innovation projects DU. It was developed with the aim of providing an alternative *in vivo* non –invasive model system for science education, teaching and research.

A Hands-on training workshop on **"Workshop in Zebrafish Model system" from December 13-19, 2022** was jointly organized with Sansriti Foundation Delhi. 13 students from Daulat Ram College, Delhi Technical University & IIT BHU attended the workshop.

The following faculty were the mentors for the workshop:

Dr. Padmshree Mudgal (Department of Biochemistry, DRC) Dr. Adita Joshi (Director Sansriti Foundation) Dr. Radhika Gupta (Department of Biochemistry, DRC)

Activity covered in annual report 2022-23: https://www.dr.du.ac.in/files/Reports/Annual%20Report%20%20FINAL%20%202 3.03.2023.pdf#page=115

Pala Mudin

Dr. Padmshree Mudgal Professor, Department of Biochemistry, Incharge- Zebrafish Lab Facility Daulat Ram College, University of Delhi, New Delhi, India 110007 <u>pmudgal@dr.du.ac.in</u>

# Winter Workshop on "Academic Writing"

# Organising Department: Zoology Department(Koshika, The Zoological Society)

Convenors : Dr. Jyoti Taneja, Dr. Sunita Kumari Yadav

No. Students Participated : 65

Duration: December 18, 2022-January 15, 2023

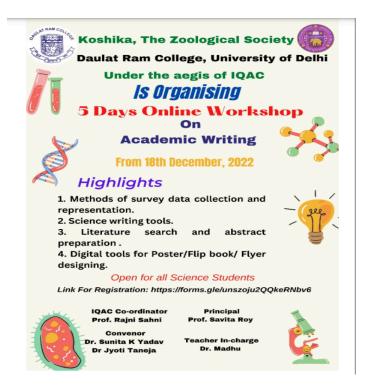
**Topics Covered:** 

- 1. Research Methodology
- 2. Data Presentation
- **3.** Science symbol usage, Grammar and plagiarism checking tools, paraphrasing tools.
- 4. Guidance about fellowship and internship
- 5. Flip book/Flyer designing
- 6. Powerpoint presentation
- 7. Literature survey and Bibliography format
- 8. Abstract writing

# Activity covered in annual report 2022-23:

https://www.dr.du.ac.in/files/Reports/Annual%20Report%20%20FINAL%20%2023.03.2023.pdf#page =139

For detailed report on website click here: https://www.dr.du.ac.in/files/training/2021-22.pdf



### Report of Skill Development Program on UNVEILING THE ANIMAL WORLD IN BEHAVIOURAL WAY Under IQAC

#### Date of Event: 23rd March 2023- 8th April 2023 (Every Thursday and Saturday) Organising unit :Zoology Department Coordinators: Dr. Jyoti Singh, Dr. Neha Niharika No of Participants: 34

**Objective of the Event**: The SDP started with a warm welcome of our guest speakers by Dr. Neha Niharika and Dr. Jyoti Singh (Coordinators). Inaugural talk was given by Prof. A. K. Singh and Prof. Vinod Kumar. The importance of animal behavioural, economic importance and environmental awareness was discussed in the entire SDP. One important aspect pertaining to the studies on Animal Behaviour is that it can be conducted anywhere and at any time, depending on the interest of the researcher. Moreover, it is not confined to the four walls of the classroom or the laboratory. The behavioural biology has high applied value and is currently linked to conservation biology, molecular biology, behavioural ecology and integrated pest management.

For detailed Report Click here:

https://www.dr.du.ac.in/files/SDP/Annual%20SDP%20report%202022-23\_revised.pdf#p age=71



### Students Training Workshop

Under aegis of IQAC On Tools and Techniques for Drosophila Maintenance

#### Duration: 26th May- 30th May 2023 Name of the organising department: Zoology Department Conveners: Dr. Madhu & Dr. Sonika Sharma No. of students participated: 36

Description of the course: This workshop was organized to acquaint students with the Drosophila which is a well known animal model in the field of research and development. Students were made to learn its handling, culturing and basic molecular techniques which can be exploited by the students in their further research work.

Objectives: A. Introduction to the life cycle of Drosophila

B. Culturing, handling and maintenance of Drosophila

C. Introduction to the basic molecular techniques using Drosophila

**Topics covered**: life cycle of Drosophila, Food preparation, Handling and culturing of Drosophila, Preparation of polytene chromosome, separation of eye pigment using TLC, Isolation of Genomic and total protein from Drosophila, Agarose gel electrophoresis and SDS-PAGE



For detailed report click here: https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=43

#### **REPORT of ONLINE WORKSHOP on**

'Summer Training Workshop in Zebrafish Model system'

### Date:5<sup>th</sup> - 16<sup>th</sup> June 2023

Organized by : Zebrafish Lab Facility, Daulat Ram College, University of Delhi in

#### **Collaboration with Sansriti Foundation, Delhi**

**Convener:** Dr. Padmshree Mudgal, Professor Department of Biochemistry, Daulat Ram College. No. of participants: 23

#### **Resource Persons:**

- 1. Dr. Padmshree Mudgal, Professor Department of Biochemistry, Daulat Ram College.
- 2. Dr. Chitra Bhasin, Assoc. Professor (Super Annuated) Department of Zoology, Daulat Ram College
- 3. Dr. Adita Joshi, Sansriti Foundation, Delhi
- 4. Dr. Radhika Gupta, Asst. Prof. Department of Biochemistry, Daulat Ram

#### For detailed report on website click here:

https://www.dr.du.ac.in/files/training/2022-23%20.pdf#page=49



# Webinar on "Reading Graphic Narrative"

#### **Organising Unit: English Department**

Coordinator : Dr. Violina Borah

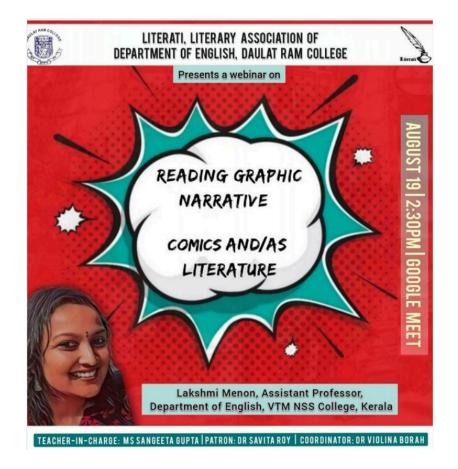
No. Students Participated : 90

#### Date:August 19, 2020

**Summary of event:** It was an engaging session discussing comics as a hybrid form of literature, includingsymbols and index. The lively discussion and presentations, introduced the students to wide ranging graphic narratives from Manga comics to Bhimayana and the importance of the traditional art form within such a visual narrative. The talk concluded with a question answer session in which students as well as faculty members asked questions further enriching the discussion.

Activity covered in annual report 2020-21: <u>https://www.dr.du.ac.in/files/Reports/Annual%20Report%202020-2021.pdf#page=61</u>

Instagram Link: https://www.instagram.com/p/CERy5wDjbrO/



## Webinar on How to read a scientific literature

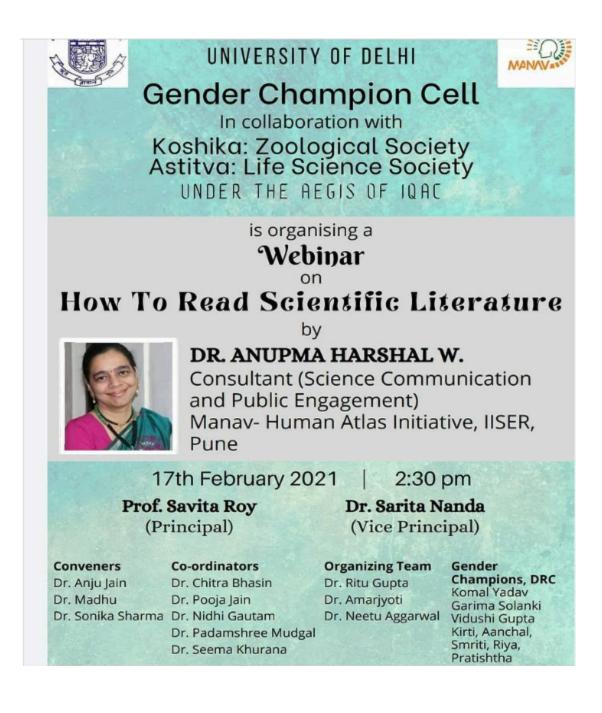
#### Date: February 17, 2021

Name of the organising department: Gender Champion Cell, Zoology Department Society & LifeScience society.

#### No. of students participated: 100

**Summary of Webinar :** Dr. Anupma Harshal Wadavlikar is an educator with a teaching expertise of 17 years and a certified trainer for STEM teachers training on Research Based Pedagogy. The webinar focused on the importance of reading and analyzing the scientific literature from a research point of view. More than 100 students joined the webinar.

Link on Instagram : https://www.instagram.com/p/CLRm8KmDVmd/



#### Report of Webinar On Research Methodology

Date of Event: 20th August 2021

Venue of the Event: Online on Zoom (4:00 pm onwards)
 Organizer : Placement Cell in association with ICFAI Business School
 Students attended: 70+
 Resource Person : Dr Vipin Khurana, Professor & Area Coordinator (Quantitative Methods, Business Research Methods and Analytics) at IBS Gurgaon

#### Summary of the Event:

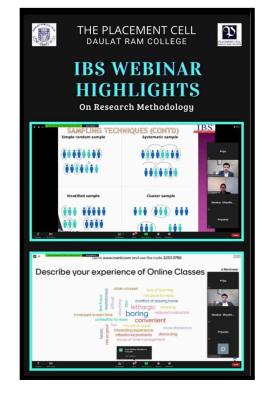
The Placement Cell of Daulat Ram College, Delhi University, organized a webinar in collaboration with ICFAI Business School (IBS) on the topic "Research Methodology." IBS, established in 1995, is renowned for its academic excellence and offers globally accepted programs with a focus on all-around development. The webinar aimed to provide insights into research methods and their application in business.

The webinar featured Dr. Vipin Khurana, Professor & Area Coordinator (Quantitative Methods, Business Research Methods, and Analytics) at IBS Gurgaon, as the speaker. Dr. Khurana is an expert in the field and brought his vast experience to the session.

The event took place on 20th August 2021, starting at 4 PM, and was conducted on the Zoom platform. It was open to students from all courses and years, aiming to provide valuable knowledge and skills applicable across disciplines.

It's worth noting that the session was attended by 70+ students, indicating a strong interest and participation from the student community.





Link to poster on Instagram: https://www.instagram.com/p/CSjTB1djXSc/

#### Report of Seminar on

#### "Qualitative Analysis: Simple Steps to understand Human Behaviour

Date of Event: September 17, 2021

#### Venue: Google Meet

#### **Organizer : Psychology Resource Centre, DRC**

No. of students: 100

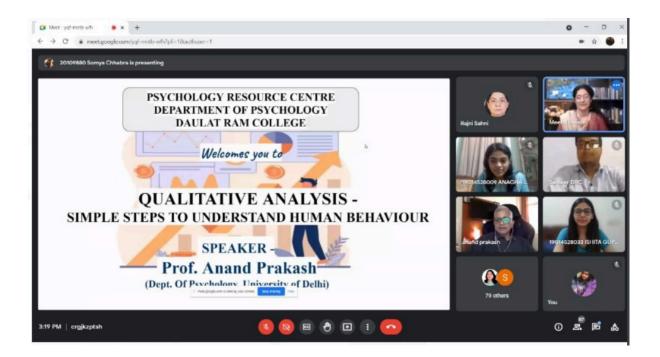
# Resource Persons : Professor Anand Prakash, Psychology Department, University of Delhi

#### Summary of the Event:

A seminar was organised by Psychology Resource Centre on "Qualitative Analysis: Simple Steps to understand Human Behaviour" on 17th September, 2021by Professor Anand Prakash, Psychology Department, University of Delhi for the students and Faculty of Daulat Ram College. The Talk was very much appreciated and attended by more than 100 participants. The session was followed by active discussion and questions answer session. It was a very informative talk for all those interested in pursuing qualitative research in projects, practicals etc.

#### Event covered in Annual Report 2021-22:

https://www.dr.du.ac.in/files/Academics/Annual%20Report%202021-22%20Compressed.pdf #page=36



#### REPORT

A lecture series was held on 27 th March 2023 for Students of Botany (Hons) and Life Sciences wherein Dr. Sunita Garg, Scientist G, NIScPR delivered a lecture on "**Role of taxonomy in authentication of plants, research and development**". The lecture gave an insight about the importance of medicinal, drug-yielding plants and their various authentication methods. Many controversial plants with same name were recognized and authentication of genuine plant was done. Through this lecture students could identify plants by their aroma, colour, taste, texture, anatomical details and secondary metabolites present in the plant.

On 27 th march 2023, Dr. R. S Jaysomu, Scientist G, NIScPR delivered a lecture on " **Basics of writing a research paper**" wherein he urged the students to enhance their writing skills, to understand, increase clinical adoption and scientific impact of research papers. Report the findings of their research, methods, valuable information and present in skilful manner to the scientific community.

Approximately 125 students participated and attended the lecture series

#### CONVENOR: Prof. REKHA KATHAL

#### CO-CONVENOR: Dr. ARADHANA YADAV





#### Report on

### Internship training on "DROSOPHILA MODEL SYSTEM"

Department of Zoology and Biochemistry, Daulat Ram College, University of Delhi in collaboration with Sansriti Foundation organised a 15 days Internship training on *"DROSOPHILA* MODEL SYSTEM" sponsored by Star College project, DBT, Govt. of India. The Convener of the internship was Dr. Chitra Bhasin and Co Convener Dr. Padmshree Mudgal.

The Drosophila Training Program was initiated to provide participants with practical skills and comprehensive knowledge about *Drosophila melanogaster*. *Drosophila*, commonly known as fruit flies, and serve as an excellent model organisms in various scientific studies due to their short life cycle, genetic tractability, and similarity to human genome in many aspects. The primary objective of the training program was to equip the students with the necessary theoretical background on model organisms and hands-on experience to effectively conduct *Drosophila* research. Participants were expected to gain proficiency in *Drosophila* genetic manipulation techniques, experimental design, data collection, and analysis.

A total of 22 students participated in this internship training program. Students studied the life cycle of *Drosophila*. Everyone had a hand on training on maintaining and handling flies in laboratory; gender selection; media preparation etc. Once the trainees were acclimated with *Drosophila*, they designed mating schemes and Mendelian genetics. All the participants studied the following aspects of *Drosophila* research:

- Mutants and balancer chromosomes
- Collection of eggs for studying embryogenesis
- Larval instars, pupae and adults: Morphology and Anatomy
- Salivary glands chromosomes and Autosomes (Mitotic) chromosomes preparation
- Chromatography and isolation of eye pigments
- Temporary mounting of ommatidia, ovaries, testes, cuticular denticles, brain, imaginal disc, sex combs with dapi staining in wild type and mutant of larvae and adults
- Linkage studies and Chi-square analysis

- Genotype to phenotype-White & red eye mutants; DNA isolation and PCR analysis
- Research Methodology and basic data analysis
- Activities on Nature and process of Science
- Interactive sessions and important Drosophila search sites, tools etc.
- Olfaction behaviour studies using Y Maze and T Maze systems.

#### Conclusion:

This training session provided the participants with comprehensive knowledge on maintenance, physiology and genetics of *Drosophila melanogaster*.

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|                   | from Hindu College, Un        | iversity of Delhi – 110007                         |                  |  |  |  |
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| organ             | ized by Departments of Bioch  | nemistry and Zoology, Dau                          | lat Ram College, |  |  |  |
|                   | University of Delhi on 1      | 4 <sup>th</sup> June – 29 <sup>th</sup> July 2018. |                  |  |  |  |
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| Dr. Chitra Bhasin | Dr. Padmshree Mudgal          | Dr. Adita Joshi                                    | Dr. Savita Roy   |  |  |  |
| Convener          | Co Convener                   | Sansriti foundation                                | Principal        |  |  |  |
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2

#### DAULAT RAM COLLEGE **UNIVERSITY OF DELHI**



Sponsored by





Star college project, DBT, Govt. of India

# Crganizes Fifteen days Internship training on Drosophila MODEL SYSTEM UNDER IQAC

#### Internship laboratory activities: 1.

- Life cycle of *Drosophila*. Maintaining and Handling flies in laboratory; gender selection; Media preparation etc.
- Designing mating schemes and Mendelian genetics using Drosophila. 3.
- Mutants and balancer chromosomes 4.
- 5.
- 6.
- 7.
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- wuants and balancer chromosomes Collection of eggs for studying embryogenesis Larval instars, pupae and adults : Morphology and Anatomy. Salivary glands chromosomes and Autosomes (Mitotic) chromosomes preparation. Chromatography and isolation of eye pigments, Temporary mounting of ommatidia, ovaries, testes, cuticular denticles, brain, imaginal discs, sex combs with daoi staining in wild two and mutant of larvae & adults Activities on Nature & process of Science 9.
- 10.
- 11.
- 12.
- 13.
- Interactive sessions and important Drosophila search sites, tools etc. 14.
- Olfaction behaviour studies using Y Maze and T Maze systems. 15.

#### Mentors:

Dr. Chitra Bhasin, Dept of Zoology

Dr. Padmshree Mudgal, Dept of Biochemistry

- Dr. Adita Joshi, Sansriti Foundation
- Dr. Amarjyoti, Dept of Zoology

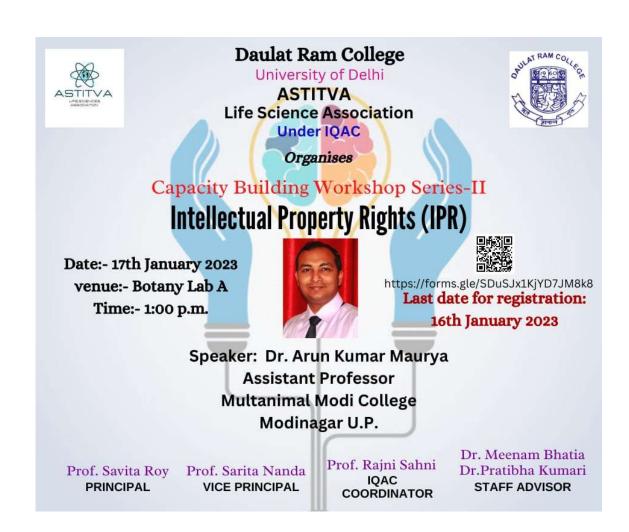
#### **Capacity Building Workshop Series-2**

on

### "Intellectual Property Rights and Biological Resources"

**Capacity Building Workshop Series- 2 on "Intellectual Property Rights and Biological Resources"** was organised on 17th January, 2023 and more than 100 students participated for same. Dr. Arun Kumar Maurya, Assistant Professor at Multani Mal Modi College, CCS University, Meerut was the guest speaker. He delivered a very informative lecture on IPR and also students were made aware how they can use IPR as their carrier. A practice module and hands-on session for students was also organised in workshop.











Government of India Ministry of Commerce and Industry Department for Promotion of Industry and Internal Trade Office of the Controller General of Patents, Designs and Trade Marks

# **CERTIFICATE OF APPRECIATION**

Presented to

### DAULAT RAM COLLEGE, UNIVERSITY OF DELHI

In recognition of active participation in the National Intellectual Property Awareness Mission (NIPAM) launched by the Government of India on the occasion of the 75th anniversary of independence under the banner "Azadi Ka Amrit Mahotsav" to create widespread awareness on Intellectual Property Rights (IPR). The exceptional contribution in successfully organizing the awareness programme on April 12, 2022 in association with Intellectual Property Office, Delhi by providing your valuable time and support is highly appreciated.

Solicit your continued support for outreach of IPR far and wide.



(Prof. (Dr) Unnat P. Pandit) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

Date:April 19, 2022



# Report of IPR Department of Chemistry 12 April 2022

The Department of Chemistry, Daulat College Ram organized a webinar on "Intellectual Property Rights Career and Future Prospective" in collaboration with collaboration with Ministry of commerce and industry NIPAM, as a part of Azadi ka Amrut Mahotsav on 12 April 2022 via online mode on zoom platform. Dr MD ATIQULLAH, assistant controller of Patents and Designs was invited as the resource person. Nearly 116 students registered for this program. He introduced the term IPR to the audience and its relevance in the modern society. If one wishes to start a business then it becomes important to know how to use, guard and enforce the rights over the intellectual property that an individual or his business owns. Many types of IPR are there in India. No one can protect its own idea/innovation until unless he or she has filed IP. Paper on IPR is currently under consideration as a part of national education policy (NEP) which attracted the students to attend the session. Overall session was interactive and thoroughly enjoyed by all the participants.

Dr Darshan, Convener

Dr Anuradha, Co-convener

Dr Divya Mathur, Organizing Secretary







Government of India Ministry of Commerce and Industry Department for Promotion of Industry and Internal Trade Office of the Controller General of Patents, Designs and Trade Marks

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In recognition of active participation in the National Intellectual Property Awareness Mission (NIPAM) launched by the Government of India on the occasion of the 75th anniversary of independence under the banner "Azadi Ka Amrit Mahotsav" to create widespread awareness on Intellectual Property Rights (IPR). The exceptional contribution in successfully organizing the awareness programme on February 25, 2023 in association with Intellectual Property Office, Delhi by providing your valuable time and support is highly appreciated.

Solicit your continued support for outreach of IPR far and wide.

(Prof. (Dr) Unnat P. Pandit) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

Date: March 06, 2023



# Report of IPR Department of Chemistry 25 February 2023

The Daulat Ram College Department of Chemistry, organized a webinar on "Intellectual Property Rights Career and Future Prospective" in collaboration with "National Intellectual Property Awareness Mission (NIPAM)" on 25 February 2023 on zoom platform. Dr Shahida Omar, Examiner of Patents and Designs, Indian Patent Office, New Delhi, Boudhik Sampada Bhawan, Plot no. 32, Sector 14, Dwarka, New Delhi-110078 was invited as the resource person. Nearly 80 students registered for this program. She apprised the audience about the importance of intellectual property rights which is now being used everywhere. The participants were exposed to different types of Intellectual Property Rights (IPRs) and were motivated to convert their ideas into innovation and further transformation into IP assets. The session was interactive and thoroughly enjoyed by all the participants.

Dr Darshan, Coordinator

Dr Preeti Chadha, Coordinator Dr Anuradha, Co-coordinator Dr Divya Mathur, Co-coordinator

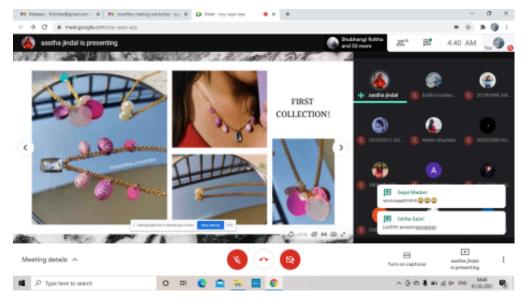
#### **MD ATIQULLAH**

#### Report of WorkShop on Jewelry Making

Spectra- the Fine Arts Society of Daulat Ram College, organized an online workshop on jewelry making and small startups for artists on **28 February 2021** from 4pm to 5:30 p.m on Google meet. The workshop was open to students from all colleges. The event started with an introductory and welcome note by President Kritika followed by a short speech of gratitude by Dr Sarita Nanda, Vice-prinicipal and Dr. Darshan Singh, society convenor. The artist Ms. Aastha Jindal was introduced by Shubhangi Roltha, the Vice-president. Ms Aastha Jindal is a second year college student pursuing Accessory Designing from NIFT Kangra, and has an amazing talent in jewelry designing having her own small business of handmade jewelry.

The jewelry making session started with tutorials on making clay jewelry and metal and pearl jewelry. The tutorials were in-depth, encompassing the materials needed as well as nuances of the techniques to make the jewelry. The tutorials on making jewelry were followed by a presentation which introduced the basics of starting a small business for artists . This was followed by a question and answer session, which answered many questions and doubts of the budding artists willing to start ventures of their own. Issues covered included topics like growing an art page on social media platforms, creator's block, issues like plagiarism, packaging and delivery of products to customers and so on. The workshop concluded with amazing feedback from participants.

Overall the workshop was successful with good no. of participants who had a great learning experience.



Link of activity on instagram:

https://www.instagram.com/p/CLonyRXDcHd/

#### WORKSHOP ON

# "Learning Gardening Technique: A Step Towards Entrepreneurship I: Basic Techniques for Home Gardening"

The Garden Committee conducted a workshop series on "Learning Gardening Technique: A Step Towards Entrepreneurship". This workshop series consisted of a total of 3 workshops. The first one was based on the topic, " Basic Techniques for Home Gardening". In this workshop students were taught about the basic requirements and precautions for growing plants by seeds and cuttings.

Date: 14<sup>th</sup> and 15<sup>th</sup> September, 2023

No. of participant: 105 students and Teachers Name of the Collaborate agency: NGO Give me Trees Resource Person: Mr.Ishittyak Ahmad (Manager)







#### WORKSHOP ON

# "Learning Gardening Technique: A Step Towards Entrepreneurship II: Developing a Herbal Garden: Nature to Nurture with Ayurveda"

The second Garden workshop under "Learning Gardening Technique: A Step Towards Entrepreneurship". was based on the topic, "Developing a Herbal Garden: Nature to Nurture with Ayurveda". In this workshop students were taught about how to develop herbal gardens and what is the importance of the medicinal plants growing at their homes for day to day needs.

Date: 10th February, 2023

Resource Person: Dr.Vinod Yadav (Chief Medical Officer)

No. of Participants: 100 students and teachers.



DAULAT RAM COLLEGE University of Delhi

**GARDEN COMMITTEE** Under the Aegis of IQAC organises

A Workshop Series on

Learning Gardening techniques: A Step Towards Entrepreneurship Topic: " Developing a Herbal Garden: Nature to Nurture with Ayurveda : Series II'

Date: 10.02.2023



Venue : Conference Hall

SPEAKER Dr. Vinod Yadav Chief Medical Officer (CMO), CGHS Ayurvedic Hospital, Aliganj, New Delhi -Under Ministry of Health and Family Welfare (Govt. of India)



Time: 10:30 am onwards

Principal Prof. Savita Roy

Vice Principal Prof. Sarita Nanda **IQAC** Coordinator Prof. Rajni Sahni

Convenor Prof. Rekha Kathal

Co-convenors Dr. Sunita George Dr. Vidhi Chaudhary Dr. Aradhana Yadav

#### WORKSHOP ON

# "Learning Gardening Technique: A Step Towards Entrepreneurship III: Bonsai and Penjing"

Under the Workshop Series "Learning Gardening Technique: A Step Towards Entrepreneurship". The Garden Committee conducted a Series III workshop on "Bonsai and Penjing", the art of developing miniature trees. It was indeed a very interesting hands-on experience by the students and teachers. Participants were taught about the different steps to understand the artwork for developing Bonsai.

Date: 12th April, 2023

No of Participants: 90 students and teachers

Resource Person: Mr.Saumik Das, Entrepreneur and Bonsai Artist



#### Report of Workshop On <u>Startअब</u>

Date of Event: 10<sup>th</sup> January, 2019

Venue: Seminar Hall (11.30 am to 1.30 pm)

Organizer : Entrepreneurship Cell, DRC

No. of students: 110

**Resource Person :** 

- 1. Ms, Jigyasa Labroo (CEO & Co-founder, Slam Out Loud)
- 2. Mr. Vivek Banka, (Director, Maverick Digital)

#### Summary of the Event:

The workshop on entrepreneurship and start-ups was organised in association with Josh Talks. E-Cell conducted the workshop with the intention of inspiring students to pursue their passion of entrepreneurship and learn something new.

#### Link to Registration Form:

https://docs.google.com/forms/d/1vSr-XfqBm8KQLJOMJJEOhKvAibEnxp5GLbOHsr-BNSO/edit?usp =sharing

Instagram Link to Event: https://www.instagram.com/p/BsazUyLnLYh/

Link to activity in Annual Report 2018-19:

https://www.dr.du.ac.in/files/Reports/Scan%202018-19.pdf#page=66



#### Report of Workshop On How to make a Business Plan?

Date of Event: 22<sup>nd</sup> January 2021

Venue: Google Meet (4:30-5:30 pm)

Organizer : Entrepreneurship Cell

# Resource Person : Mr. Priyank Ahuja, Product Manager at Accenture, Alumni- ISB & NUS

#### Summary of the Event:

The objective of the workshop is to give our students an insight into the world of business strategy development and educate them on various aspects of running a profitable business. Mr. Priyank Ahuja is an alumnus of ISB Hyderabad currently associated with Accenture as Product Manager and Consultant. He has experience of 13+ years in the field of IT, Retail, E-Commerce and Education. Mr. Priyank is also a certified Corporate Trainer, Coach and Keynote speaker. He has mentored in institutions like IIT Bombay, DTU, SRCC

Report Available in College Annual Report 2020-21 https://www.dr.du.ac.in/files/Reports/Annual%20Report%202020-2021.pdf#page=96

Instagram Link: https://www.instagram.com/p/CKOi-uzjbC1/



# Workshop on The Enablers of Startup Ecosystem

Organising Unit:Entrepreneurship Cell, Finance and Investment cell, Smarketing Cell

Coordinator : Ms. Shikha Singh, Dr. Narender Kumar

No. Students Participated :35

Date:April 05, 2023

Summary of event: This interactive workshop helped the students to understand and discover efficient ways of creating team structures, distributing roles and responsibilities across functions, measuring performance metrics and much more to work towards a good startup ecosystem.

Instagram Link: <u>https://www.instagram.com/p/CqKajmbvuT7/</u>



#### **Report of** The Business Conclave to build entrepreneurship (IMBIZO 1.0)

Date of Event: 14th January, 2019

#### Venue: Conference Hall, DRC (10:00 am onwards)

Organizer : Entrepreneurship Cell, DRC

No. of students: 120

Resource Person : Tanya Kathpal, Sunny Garg, Kriti Singhal, Paresh Gupta and Sharad Kohli

#### Summary of the Event:

With renowned entrepreneurs and successful business minds as speakers, the conclave delivered unparalleled exposure and excitement. Students were able to interact with the established and experienced speakers. The event was a platform which aimed to help students in figuring out their passion and fulfilling it too. With great minds like Tanya Kathpal, Sunny Garg, Kriti Singhal, Paresh Gupta and Sharad Kohli the session was full of intellect and wit.

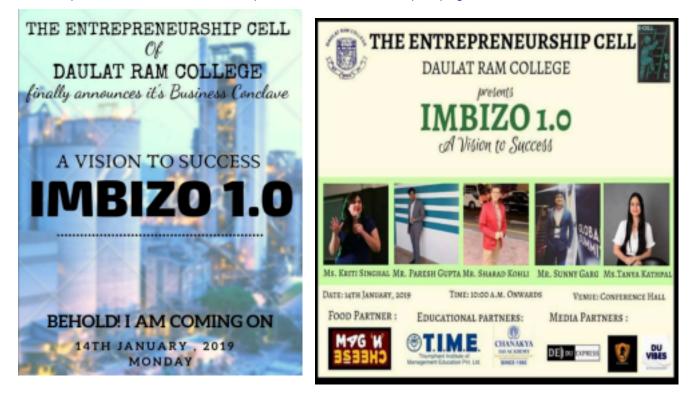
Link to Registration Form

https://docs.google.com/forms/d/10e\_58lkhZt6n9W7xxb3HnJjU6vxquGM5OFrxrmLruOs/edit?usp= sharing

Instagram Link to Event: https://www.instagram.com/p/Bsf-jRNHVR6/

Link of Event Report in Annual Report 2018-19

https://www.dr.du.ac.in/files/Reports/Scan%202018-19.pdf#page=66



#### Report

#### of

#### The Business Conclave to build entrepreneurship(IMBIZO 2.0)

#### Date of Event: 6th February, 2020

#### Venue: Conference Hall, DRC (9:30 am onwards)

Organizer : Entrepreneurship Cell, DRC No. of students: 110

#### **Resource Persons :**

 Dr. S. Laxmi Devi, Honorary Director of Centre for Entrepreneurship and Career Oriented Program.
 Mr. Purushottam Singhal, CEO, Transport Wings (Cal) Private Limited.

3) Mr Paresh Gupta, CEO and founder of GECC (Global Centre for Entrepreneurship and Commerce).

#### Summary of the Event:

"In order to be irreplaceable one must always be different." - Coco Chanel

Holding on to this notion, Entrepreneurship Cell of Daulat Ram College, organised a **second business conclave IMBIZO 2.0**, with all its energy, enthusiasm and exuberance!! Bringing excitement and unparalleled exposure back, the conclave had renowned entrepreneurs and successful business minds as speakers. By providing an opportunity to interact with the experienced and established, the students could move a step closer to creating their own niche in the world.

Instagram Link to Event: https://www.instagram.com/p/B78z9z7nuLc/

Event covered in Annual Report 2019-20:

https://www.dr.du.ac.in/files/Reports/Annual%20report2019-20%20.pdf#page=74



#### Report of Webinar on Women and the Making of Aatmanirbhar Bharat

Date of Event: 12 June, 2020 Venue of the Event: Online (Google Meet) Organizer : Department of Philosophy, Convenor: Dr Sonia Mehta Resource Person : Prof. Sushma Yadav, hon"ble Vice– Chancellor of Bhagat Phool Singh Mahila Vishwavidyalaya, Sonepat

No of Participants:700

**Summary of the Event**:College's distinguished alumna Prof. Sushma Yadav beautifully related the bonding between women and self-reliant concept with live examples.

Activity Covered in College Annual Report 2020-21:

- 1. <u>https://www.dr.du.ac.in/files/Reports/Annual%20Report%202020-2021.pdf#page=19</u> (see entry 16)
- 2. https://www.dr.du.ac.in/files/Reports/Annual%20Report%202020-2021.pdf#page=24

#### Report of Webinar on IMPACT OF COVID-19 ON STARTUPS AND GLOBAL ECONOMY

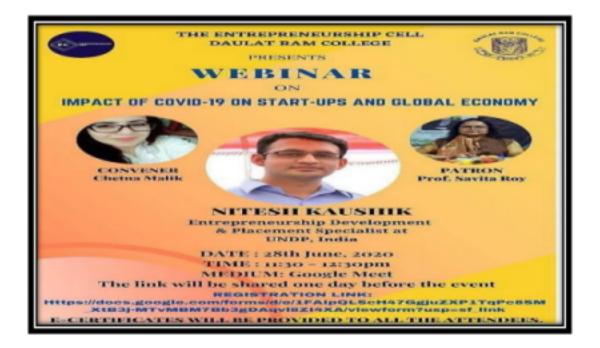
Date of Event: 28 June, 2020 Venue of the Event: Online (Google Meet) Organizer : Entrepreneurship Cell Resource Person : Mr. Nitesh Kaushik, Entrepreneurship Development and Placement Specialist at UNDP, India.

No of Participants:70

**Summary of the Event**: Mr. Kaushik provided the students with real-world insights and an understanding of the mechanism beyond the books. The session sought positive feedback from all attendees and also gave students an Opportunity to learn about various UNDP internships.

Instagram Link:

https://www.instagram.com/p/CB4vgI6DnTi/



## Report of Webinar

on

#### Devika Narain on her journey of starting her own business from scratch

Date of Event: 20 July, 2020 Venue of the Event: Online (Google Meet) Time: 12:00-1:00 pm Organizer : Entrepreneurship Cell

Resource Person : Ms. Devika Narain, a globally renowned entrepreneurial wedding planner and designer

No of Participants:80

**Summary of the Event**: She underlined the requisites of the entrepreneurial world and shared her journey, making it an extremely inspirational session for the budding entrepreneurs.

Instagram Link : https://www.instagram.com/p/CCp4SjVjb3Y/

Activity Covered in College Annual Report 2020-21:

1. https://www.dr.du.ac.in/files/Reports/Annual%20Report%202020-2021.pdf#page=97



### Report of International Webinar On

#### **GOVERNMENT POLICIES AND CHALLENGES TO ENTREPRENEURSHIP**

Date of Event: 2 September, 2020 Venue of the Event: Online (Google Meet) Time: 4:00-5:00 pm Organizer : Entrepreneurship Cell

**Resource Person :** 

- 1. Mr. Rajendra Deshpande, Certified Business Value Development Consultant, USA,
- 2. Dr. Sanjiv Layek, Executive Secretary at World Association for Small and Medium Enterprises (WASME)
- 3. Ms. Sakshi Sharma, Director of Soho Honey and an esteemed alumnus of the Economics department of DRC.

No of Participants:95

**Summary of the Event**: The webinar saw some great government policies being underlined by all three panelists and overall it was one of the most knowledgeable sessions one could expect.

Activity Covered in College Annual Report 2020-21:

1. https://www.dr.du.ac.in/files/Reports/Annual%20Report%202020-2021.pdf#page=97



#### Report of Workshop On Social Entrepreneurship and Organ Donation

**Date of Event:** 6<sup>th</sup> February, 2021

Venue: Google Meet (5:00 pm)

No. of Students: 92

Organizer : NSS, DRC

Resource Person : Mr. Shivam Nagpal, Social Entrepreneur, Founder & President of Organ for Life Foundation

#### Summary of the Event:

NSS DRC organised a webinar wherein the speaker talked about his journey as a young social entrepreneur and the challenges he faced along the way.

Annual Report Link: <u>https://www.dr.du.ac.in/files/Reports/Annual%20Report%202020-2021.pdf#page=118</u>

Instagram Link: https://www.instagram.com/p/CK9PjEEjP9B/?igsh=amE4ZHh3NGJjcXJn&img\_index=1



#### Report of Webinar On Dialogues with Entrepreneurs

Date of Event: 17 February 2021 Venue of the Event: Google Meet (3 pm onwards) Organizer : Entrepreneurship Cell, DRC

No. of Participants: 95

#### **Resource Person :**

Mr. Anish Somani, Full time consultant, NITI Ayog, Govt of India Ms. Chetali Chaddha (Influencer-Blogger) Mr. Aashish Beergi, Social Entrepreneur Mr. Adhikar Naidu, Co-founder of Startupreneur

Links to Instagram Posts: https://www.instagram.com/p/CLJTIZ9jmXp/

https://www.instagram.com/p/CLLdYkXjIEg/

https://www.instagram.com/p/CLUG3VGjk8D/

https://www.instagram.com/p/CLWAMdrjLOa/



#### Report of Seminar On Investments in Start-Ups

#### Date of Event: 27 April, 2022

Venue of the Event: Conference Hall, DRC Organizer : Finance and Investment Cell, Daulat Ram College No of Participants: 120

**Resource Person : Mr. Ranjan Luthra**, Co-founder and COO, Metvy | Ex-Senior Associate, ASA & Associates LLP and NSE Certified Capital Market Professional

#### Summary of the Event:

The session started at 11 am with an honourable welcome of the speaker Mr. Rajan Luthra, the co-founder of Metvy, an intuitive need-based networking platform. He elucidated every single detail about the initial and final phases of investments for the start-ups quite eloquently.

Following the speaker session, the valedictory ceremony eventuated. The inspirational words by the vice-principal Dr. Sarita Nanda, bursar Dr. Pooja Jain, convenor, Dr. Rita Rani, and co-convenor, Ms. Isha Bhatt, encouraged all the attendees to deliver their best in every kind of situation. Last but not the least, the positive response given by all the attendees certainly bestowed the moment of unrivalled satisfaction.

Instagram Link: https://www.instagram.com/p/CcwwulvBZvg/





#### **Report of** Panel Discussion on the Roadmap to a thriving Startup

Date of Event: 9<sup>th</sup> March, 2022

Venue: Zoom (1pm to 3pm)

Organizer : Entrepreneurship Cell, DRC

No. of Participants: 85

#### **Resource Persons :**

- 1) Leesha Agarwal, founder of Adah by Leesha
- 2) Ranodeep Saha, co-founder of Rare Planet
- 3) Sahil Pruthi, founder and Ceo, Keto India

#### Summary of the Event:

The panelists discussed various strategies to take a startup on the road to success and also discussed pitfalls to be avoided on the way. The students got practical insights into the entrepreneurship journey from founders themselves and found the overall session enriching.

Instagram Link to Event: https://www.instagram.com/p/Cacd0NOBndj/

Link of Event Report in Annual Report 2021-22

https://www.dr.du.ac.in/files/Academics/Annual%20Report%202021-22%20Compres sed.pdf#page=78



#### **Report of** Webinar on Marketing, Financing and Scaling Startups

Date of Event: 9th October, 2021

Venue: Zoom (5pm onwards)

Organizer : Entrepreneurship Cell, DRC

No. of Participants: 130

#### **Resource Person:**

Mr. Gaurav Bhushan Sharma, Senior Vice President Growth: Pine Labs, Ex-Vice President Marketing: PayTM & an Ed-Tech entrepreneur.

#### Summary of the Event:

The esteemed resource person for the day shared his experience and pearls of knowledge relating to scaling startups through innovative and cost effective measures

Instagram Link to Event: https://www.instagram.com/p/CUmXDpzBfBu/

#### Registration Link:

https://docs.google.com/forms/d/e/1FAIpQLScQ9HrXq0GuWLkNsnsIJwEE7e9XF1q1 DibAYFEjGrKjvbwPXw/viewform?usp=sf\_link



### Report of Webinar On Scaling a Start-Up

Date of Event: 9 March 2022 Venue of the Event: Zoom (11.30 am to 12.30 pm) Organizer : Entrepreneurship Cell, DRC No. of participants:120

**Resource Person :** Mr. Mikhil Innani. Managing Director & CEO at Apollo Finvest and Co-Founder of PharmEasy

#### Summary of the Event:

When the world is going digital especially in the post-COVID period, what's the growth prospect of digital lending? The Managing Director & CEO at Apollo Finvest and Co-Founder of PharmEasy, Mr. Mikhil Innani, discussed the details of digital lending and a lot more about leading and running a company.

Link to Instagram: https://www.instagram.com/p/CacZ3leBCrE/



#### <u>Report of Workshop</u> <u>on</u> <u>Startups as Game Changers: Be A Glam Diva Internally and Externally</u>

Date of Event: 22<sup>nd</sup> to 27<sup>th</sup> March, 2021 Venue: Zoom (3 pm to 5 pm) No. of Students: 25 Course Coordinators: Dr. Sonia Mehta, Ms. Pooja Sharma Course Co-Coordinators- Ms. Deepika Jindal, Dr. Kamana Vimal, Dr. Kshitija Waso

#### Resource Person : Dr. Bharti Taneja - Founder and Director of Bharti Taneja's Alps

<u>Workshop -2</u> on "Be A Glam Diva Internally and Externally" was organised from 3:00 pm to 5:00 pm with the aim to address a multipronged approach of self-development as well as drawing on the success story of **Dr. Bharti Taneja**, founder director of Bharti Taneja's Alps beauty group as also a proud alumnus of Daulat Cam college from 1971-74 batch in B.Sc. (General). With instructional and hands on pedagogy on enhancement techniques, trends and remedies for skin, hair and body care facets were explained in the beauty industry both for self enhancement as well as for key entrepreneurial skills which young ladies learned in today's social media age of setting up their own ventures arising from Dr. Taneja's successful journey. The training involved lectures, hands-on sessions, and questioner.

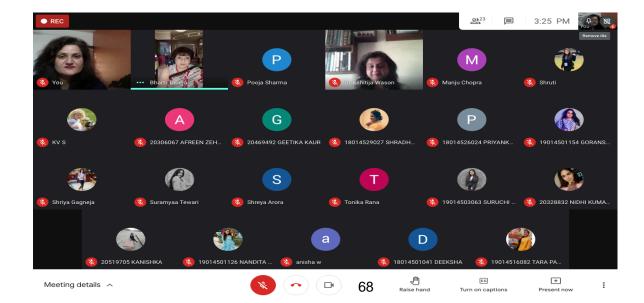
#### **Assessment and Certificates**

On the last day of each workshop students were given an assessment test, which consisted of Multiple Choice Questions. E- Certificates were given to the participants.



### Module of Workshop - 2

| DAY                       | MODULE  | TOPICAL COVERAGE  |
|---------------------------|---|---|
|                           |   |   |
| DAY 1<br>22 March<br>2021 | SKIN HEALTH<br>ENHANCEMENT                          | <ul> <li>KNOWING SKIN TYPES; PROBLEMS OF<br/>ACNE/PIGMENTATION ETC.</li> <li>HOME REMEDIES.</li> <li>FACIAL PRODUCT SELECTION AND TRENDS</li> </ul>   |
| DAY 2<br>23 March<br>2021 | HAIR HEALTH AND<br>CARE                             | <ul> <li>HAIR PROBLEM AND TYPE IDENTIFICATION.</li> <li>HAIR COLORING UPKEEP AND TRENDS.</li> <li>URBAN LIFE ISSUES; SPAS AND MASQUES FOR HAIR CARE</li> </ul>  |
| DAY 3<br>24 March<br>2021 | LOOK<br>ENHANCEMENT AND<br>MAKEUP STYLING           | <ul> <li>LATEST TRENDS AND PRODUCTS FOR FACIAL<br/>DAY/NIGHT LOOKS; CONTOURING AND<br/>HIGHLIGHTING</li> <li>FESTIVE VS PROFESSIONAL STYLING: WINGED<br/>LINER; BRAIDING ETC.</li> </ul>  |
| DAY 4<br>25 March<br>2021 | BODY CARE   | <ul> <li>BODY AS HOLISTIC- NATURAL AND PARABEN FREE<br/>TRENDS IN BODY CARE; BODY POLISHING; PACKS<br/>AND WRAPS</li> <li>EFFECTS OF TREATMENTS-KNOWING WHAT TO DO<br/>AND WHAT NOT – TRENDS OF SERUMS,<br/>LIPSOSUCTION/BOTOX ETC</li> </ul> |
| DAY 5<br>26 March<br>2021 | BEAUTY FROM<br>INSIDE OUT                           | <ul> <li>HOME REMEDIES</li> <li>ROLE OF NUTRITION</li> <li>LATEST STYLING PRODUCTS, CHEMICAL FREE<br/>HEALTHY TRENDS IN BEAUTY</li> </ul>   |
| DAY 6<br>27 March<br>2021 | ENTREPRENEURIAL<br>SKILLS IN THE<br>BEAUTY INDUSTRY | <ul> <li>MY SUCCESS STORY AND CHALLENGES</li> <li>USING SOCIAL MEDIA FOR BUSINESS VENTURES</li> <li>LESSONS FROM INSTAGRAM<br/>INFLUENCERS/INDEPENDENT MAKEUP ARTISTS</li> </ul>  |



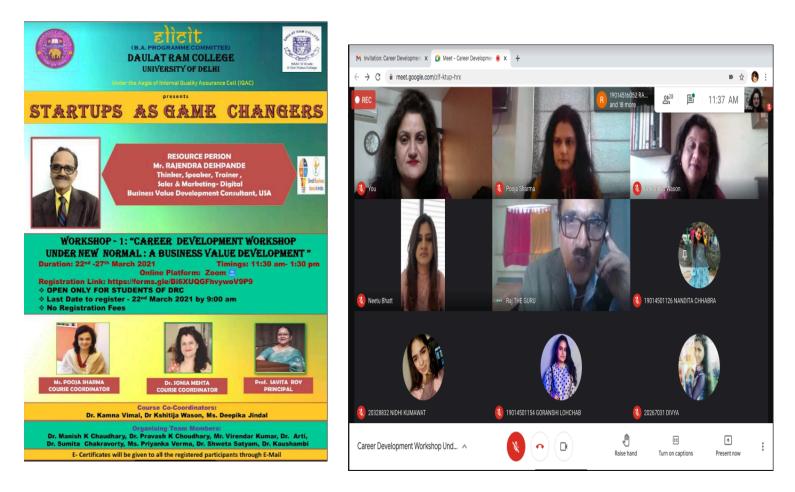
#### **Report of Workshop**

<u>on</u>

#### Startups as Game Changers: Career Development under New Normal

Date of Event: 22<sup>nd</sup> to 27<sup>th</sup> March, 2021 Venue: Zoom (11:30 am to 1:30 pm) No. of Students: 30 Course Coordinators: Dr. Sonia Mehta, Ms. Pooja Sharma Course Co-Coordinators- Ms. Deepika Jindal, Dr. Kamana Vimal, Dr. Kshitija Wason Resource Person : Mr. Rajendra Deshpande, thinker, speaker, trainer and Consultant Business Value India, USA

<u>Workshop - I</u> was on –"Career Development Workshop under New Normal: A Business Value Development" by Mr. Rajendra Deshpande, thinker, speaker, trainer and Consultant Business Value India, USA from 11:30 am to 1:30 pm. Mr. Rajendra Deshpande is one of the Leading Management Trainer and Consultant – Corporate advisor, Graduate in Pharmacy, Post Graduate in Management Specialized in International Business, Pursuing Research in Social sciences. Developed Models for Business value Development in New Normal. He has Trained More than 5000 Participants all across the levels in his career.



Module of Workshop:

| DAY & TIME<br>SLOT                            | TOPIC/S   | SPEAKER/S  |
|---|---|--|
| Day 1<br>Monday<br>Mar 22<br>11.30 – 01.30    | Topic-Business Value Development &<br>Its Career Perspective: Changing<br>Scenario; How to Prepare Yourself for<br>Job market.                                  | Main Topic Speaker: Mr. Rajendra<br>Deshpande.<br>Guest Speaker: Ms Nitu Shinde,<br>Celebrity Beautician & Trainer   |
| Day 2<br>Tuesday<br>Mar 23<br>11.30 -01.30    | Topic-1 Actions That Enhance/<br>Complement Business Value<br>Topic-2 Development, with Exercise:<br>Google My Business;  | Mr. Rajendra Deshpande<br>Mr. Anil Singh. <b>Corporate</b><br><b>Trainer</b>   |
| Day 3<br>Wednesday<br>Mar 24<br>11.30 -01.30  | Entrepreneurial Mindset & Digital<br>Entrepreneurship   | Dr Sanjiv Layek, Secretary, WASME<br>Mr. Yogesh Udgire, Director,<br>Institute of Digital Marketing & –<br>Mr.Rajendra Deshpande .Business<br>Value Development. |
| Day 4<br>Thursday<br>Mar 25<br>11.30 – 01.30  | PART I: Importance of Human Values in<br>Work Life<br>PART II: Business Value Development,<br>Career Perspective  | PART I: Dr Amita Srivastava, <i>Director at BCRTC, Ghaziabad India</i><br>PART II: Mr. Rajendra Deshpande.   |
| Day 5<br>Friday<br>Mar26<br>11.30 – 01.30.    | Topic-1Importance of Selling Skills.<br>Topic-2 Career Guidance & Technology<br>;   | Mr. Rajendra Deshpande<br>Mr. Guru Nadkarni.<br>Director E-Plus Learning Solutions.  |
| Day 6<br>Saturday<br>Mar 27<br>11.30 – 01.30. | Topic-1The World Beyond Your College<br>Topic-2 Travel & Tourism Industry -<br>New Normal<br>Topic-3-Behavioural Psychological Tips<br>– For working executives | Mr Muthu, Software Trainer ,<br>Microsoft.<br>Ms. Anjali Deshpande.<br>National Coordinator.<br>Mr. Rajendra Deshpande   |

#### Assessment and Certificates:

On the last day of each workshop students were given an assessment test, which consisted of Multiple Choice Questions. E- Certificates were given to the participants.