

## SDP-Manuals:

Department of Botany organized an IN-HOUSE SKILL DEVELOPMENT PROGRAMME (Under IQAC) on “Basics of Bioinformatics: Theory & Practice” in 2019. The Course was Coordinated by Dr Nidhi Gautam & Dr Meenakshi Sharma. Bioinformatics Practice Manual written by Dr Meenakshi Sharma released for the Graduate and Post Graduate Students. The comprehensive Practice Manual on Bioinformatics serves as an indispensable guide for learners and researchers alike. It offers hands-on exercises, step-by-step tutorials, and real-world datasets to hone bioinformatics skills. It covers tools, algorithms, and databases used in genomics, proteomics, and computational biology. Additionally, Covering diverse topics such as sequence analysis, molecular modelling, and data mining, this manual equips users with essential tools to decode biological information. Whether for novices or seasoned practitioners, this manual fosters a deeper understanding of bioinformatics applications, empowering users to tackle complex biological challenges with confidence. This manual equips readers and Graduate and Post Graduate Students with essential skills for harnessing bioinformatics in cutting-edge research, discovery and for Job opportunities.

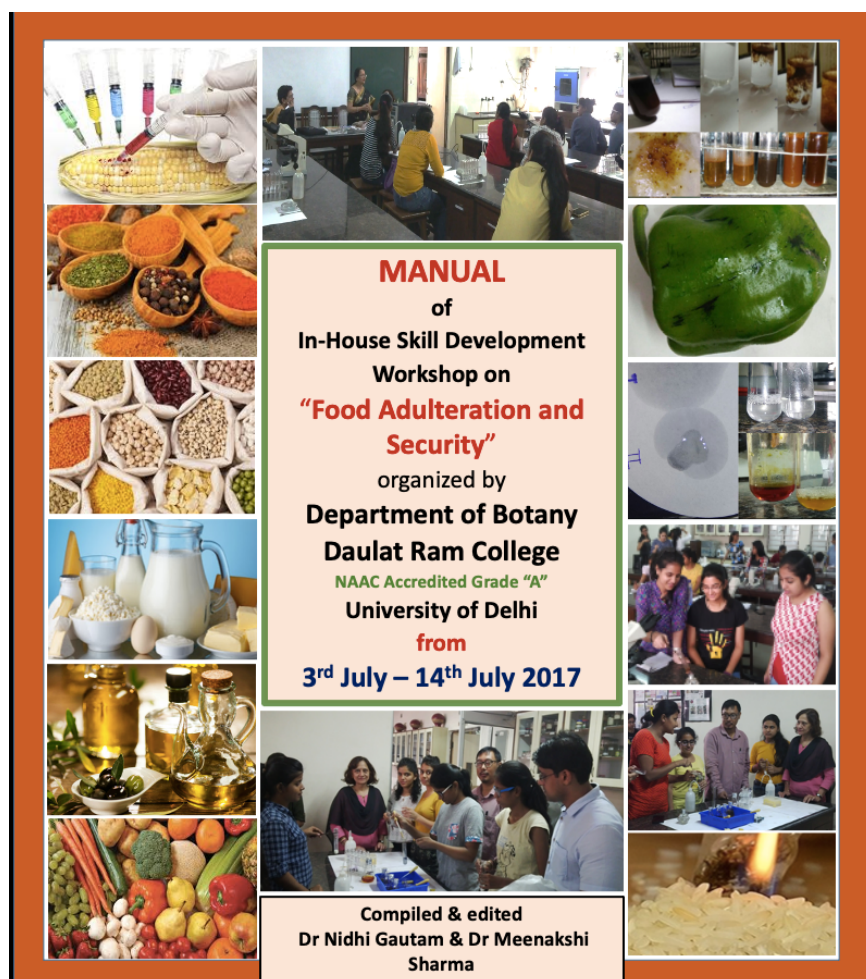
**UNIVERSITY OF DELHI**  
IN-HOUSE SKILL DEVELOPMENT PROGRAMME  
(Under IQAC)  
on  
**BASICS OF BIOINFORMATICS:  
Theory & Practice**  
11<sup>th</sup> - 17<sup>th</sup> JULY, 2019

**DAULAT RAM COLLEGE**  
At New Station &  
WAAC Approved A Grade College

**DEPARTMENT OF BOTANY, DAULAT RAM COLLEGE  
UNIVERSITY OF DELHI, DELHI-110007**  
Dr Meenakshi Sharma & Dr Nidhi Gautam

**Department of Botany organized an IN-HOUSE SKILL DEVELOPMENT WORKSHOP on “Food Adulteration and Security” (Under IQAC) in 2017. The Course was Coordinated by Dr Nidhi Gautam & Dr Meenakshi Sharma.**

A Practice Manual Compiled and Edited by Prof. Nidhi Gautam & Dr Meenakshi Sharma released for the Graduate and Post Graduate Students. The workshop on "Food Adulteration and Security" highlighted critical concerns surrounding the safety of our food supply. Faculties and Students discussed the various causes of food adulteration, including economic motives, lack of regulatory enforcement, and unethical practices. Participants engaged in interactive sessions to identify common adulterants and explore detection methods. The workshop emphasized the urgency for stringent food safety regulations, public awareness campaigns to ensure food security and protect consumers from the hazards of adulterated products.



**Department of Botany organized two IN-HOUSE SKILL DEVELOPMENT PROGRAMME (Under IQAC) on “Basics of Online class Tools” in the month of August & December, 2020. The Course was Coordinated by Dr Nidhi Gautam & Dr Meenakshi Sharma.**

A Practice Manual Compiled and Edited by Prof. Nidhi Gautam & Dr Meenakshi Sharma released for the Graduate, Post Graduate Students and faculties. The workshop provided a comprehensive overview of digital teaching platforms. Students gained insights into diverse tools like learning management systems, video conferencing, and interactive whiteboards. Participants actively engaged in hands-on sessions, discovering innovative ways to enhance online teaching effectiveness. Emphasizing the flexibility and inclusivity of online tools, the workshop underscored their potential to revolutionize education. All the students left equipped with practical knowledge, ready to create engaging and impactful virtual learning experiences for their classes.

The image shows the cover of an E-Manual. The left side contains the title and organizational details, while the right side features a collage of digital learning tools and logos.

**IN-HOUSE SKILL DEVELOPMENT PROGRAMME**  
(Under IQAC)  
On  
**BASICS OF ONLINE CLASS TOOLS**  
12<sup>th</sup>, 17<sup>th</sup>-19<sup>th</sup> AUGUST, 2020  
Organised by  
**DEPARTMENT OF BOTANY**  
Daulat Ram College  
4, Patel Marg, University of Delhi  
Delhi-110007

**Patron**  
Dr Savita Roy (Principal)  
**Convenor**  
Dr Pooja V Anand  
**Course coordinators**  
Dr Nidhi Gautam  
Dr Meenakshi Sharma

**E- Manual**  
of  
**SDP on “Basics of Online class Tools”**  
12<sup>th</sup>, 17<sup>th</sup>, 18<sup>th</sup> & 19<sup>th</sup> August & 17<sup>th</sup>-19<sup>th</sup> December, 2020

Compiled and Edited by  
Dr. Meenakshi Sharma and Dr. Nidhi Gautam  
Department of Botany  
Daulat Ram College  
University of Delhi

The collage on the right includes logos for Google, Google Classroom, Google Meet, Zoom, and Shake Up Learning, along with screenshots of these platforms in use.