

ACHARYA NARENDRA DEV COLLEGE

University of Delhi

Kaushal Kendra



NAAC: A⁺

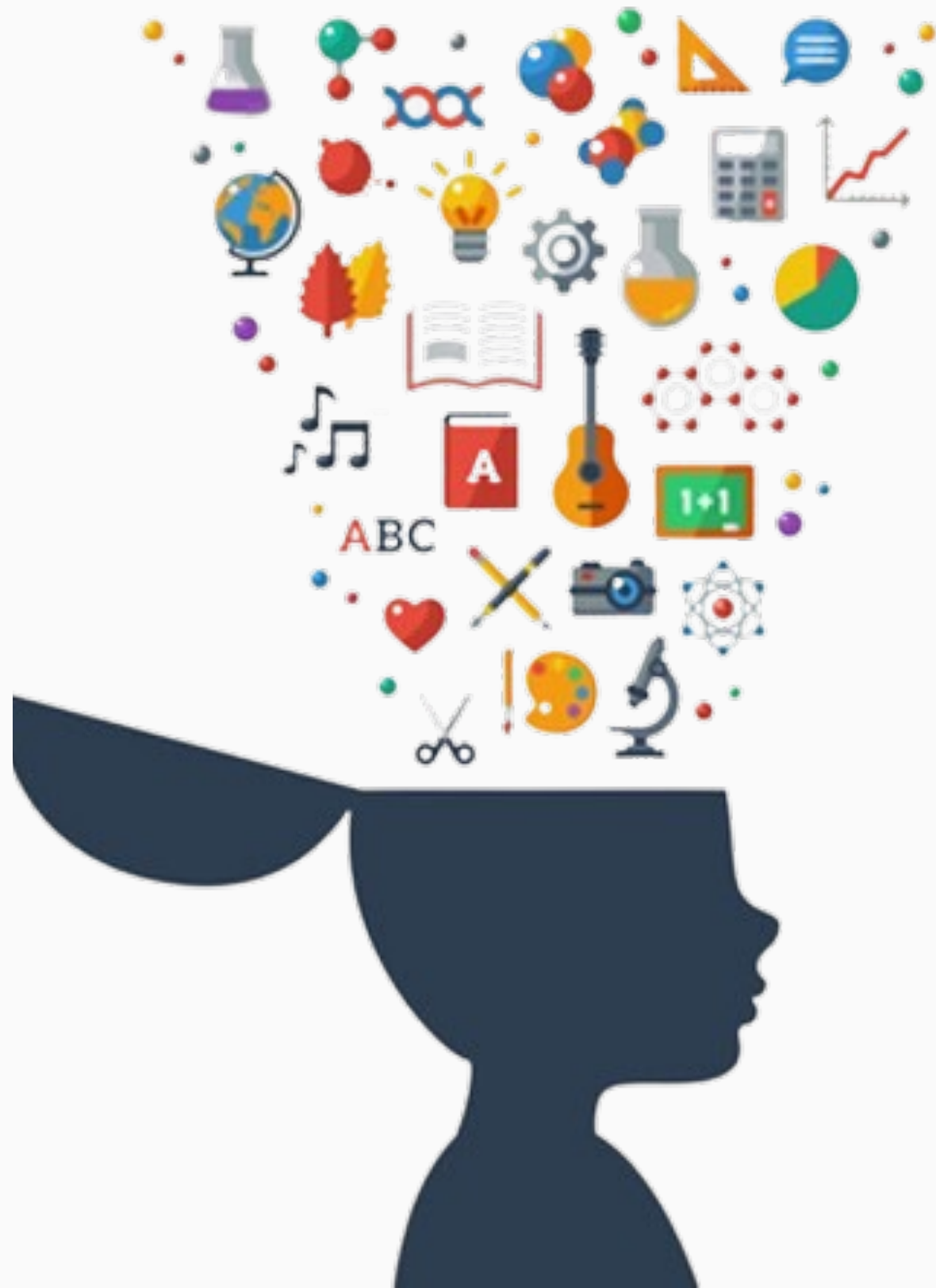
DBT STAR STATUS COLLEGE

NIRF 2024: Rank 18

Freedom Fighter & Social Reformer



1889-1956



Beyond the Classroom...

Preparing for the Future...

Where Education Makes A Difference...

About College

09 Departments

Courses Offered

13 Undergraduate

02 Postgraduate

07 Foreign Language

05 Add-on Courses



About College

We are
Excited!



**ACHARYA
NARENDRA
DEV COLLEGE**



RANK

18

9th in University of Delhi

nirf

NIRF RANKING 2024-**Rank 18th**



Institutional Grade **A+** from
NAAC (Cycle 2)



Star College Status by
Department of Biotechnology, GOI



Award for Good Practices by
University of Delhi



**Entrepreneurship and Skill
Enhancement-** ANDC inStart
Foundation powered by GNCTD



Research

About College: Infrastructure



28

Well-equipped
UG Laboratories



21

State-of-art
Research Labs



11

Skill Development
Centre



Wifi Zone

Internet abled
Lecture Rooms
and Campus



RFID and OPAC enabled
Library with Air
conditioned reading
room



Web facilitation
Centre with 76
work stations



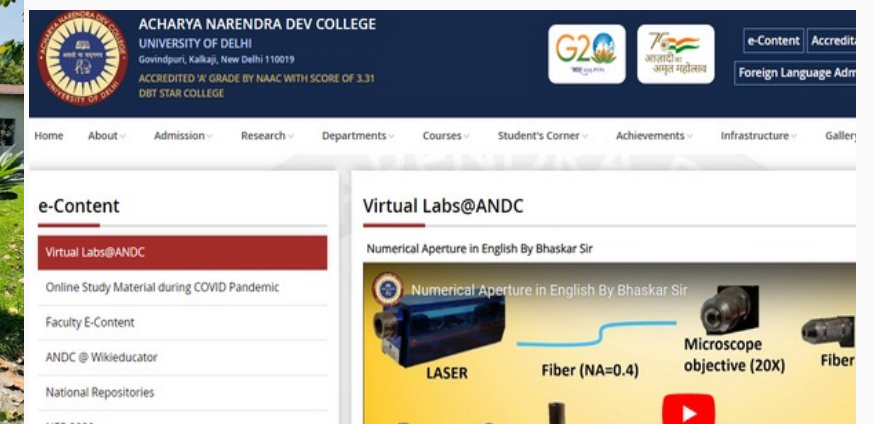
Medical Facility
and Girls
Common Room



Corridors with
ramp facility



E-content
facility



Infrastructure & Learning Resources

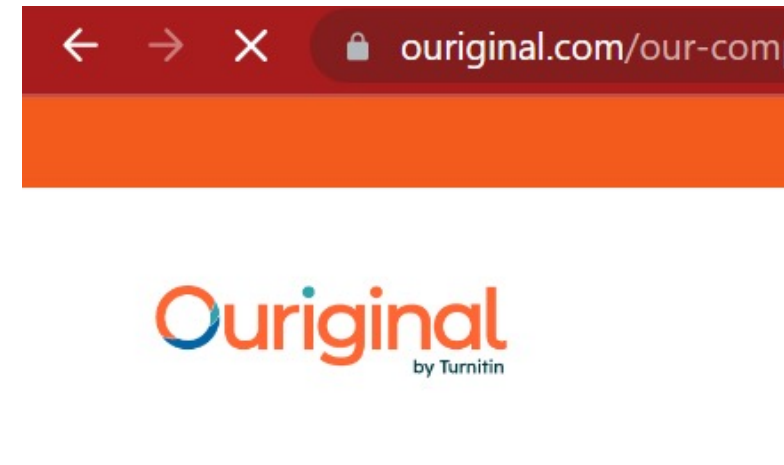
LIBRARY



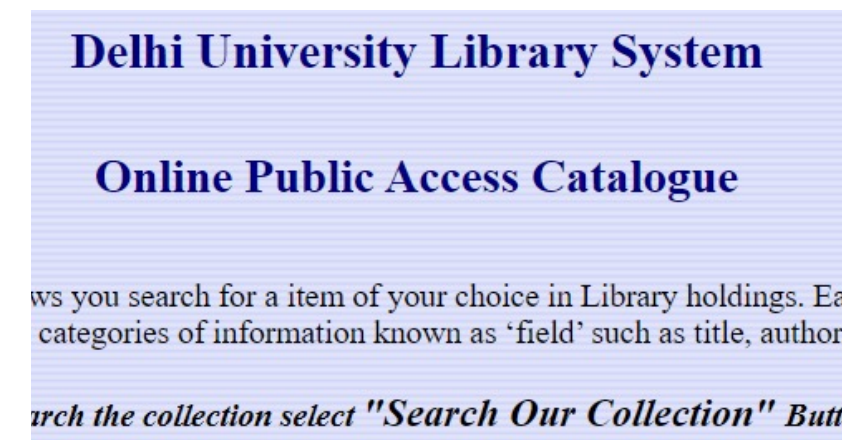
Works on ILMS offered by open source KOHA on Cloud



Subscription to N-LIST Programme (National Library and Information Services Infrastructure for scholarly content)



Access to Plagiarism Software Ouriginal by Tirnitin (Urkund)



Integrated with Delhi University Library System (DULS), Open Public Access Catalogue (OPAC)

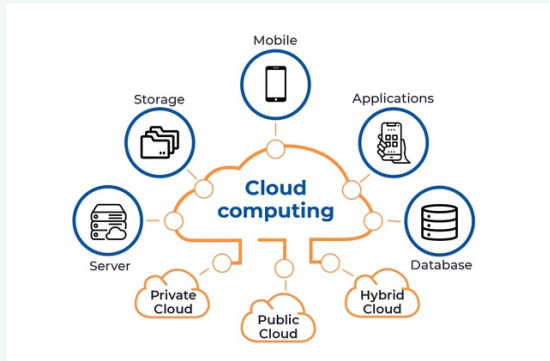


RFID Enabled System



Infrastructure & Learning Resources

INFORMATION
TECHNOLOGY (IT)

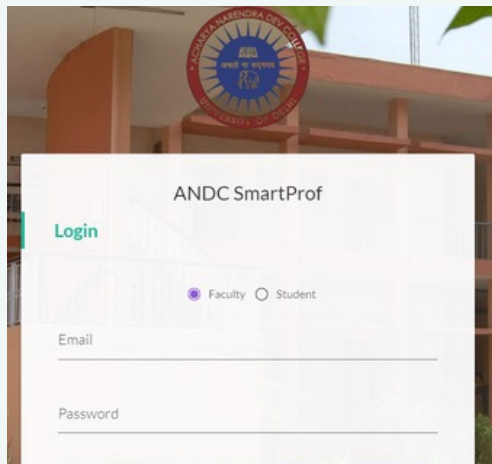


Cloud Computing

Wi-fi (Fiber band)



RAID Enabled



Online Portals



zoom

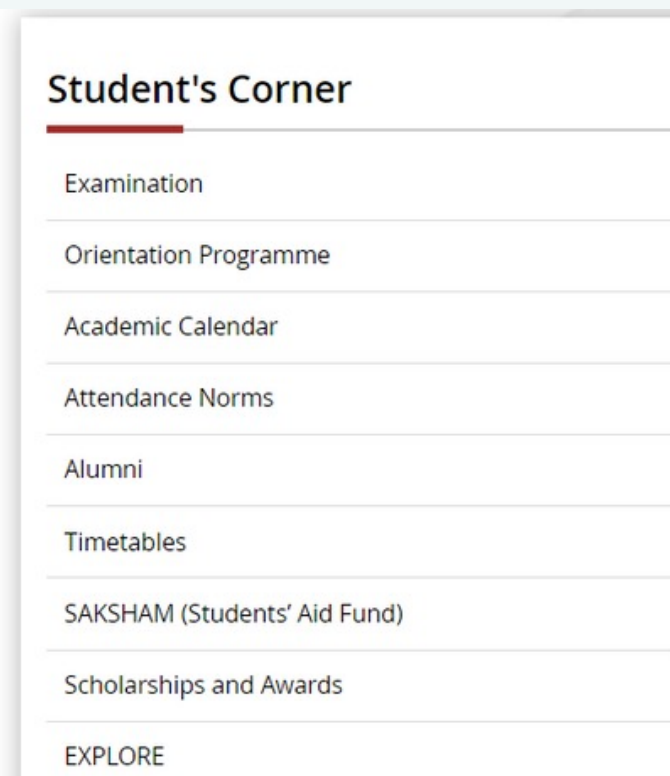
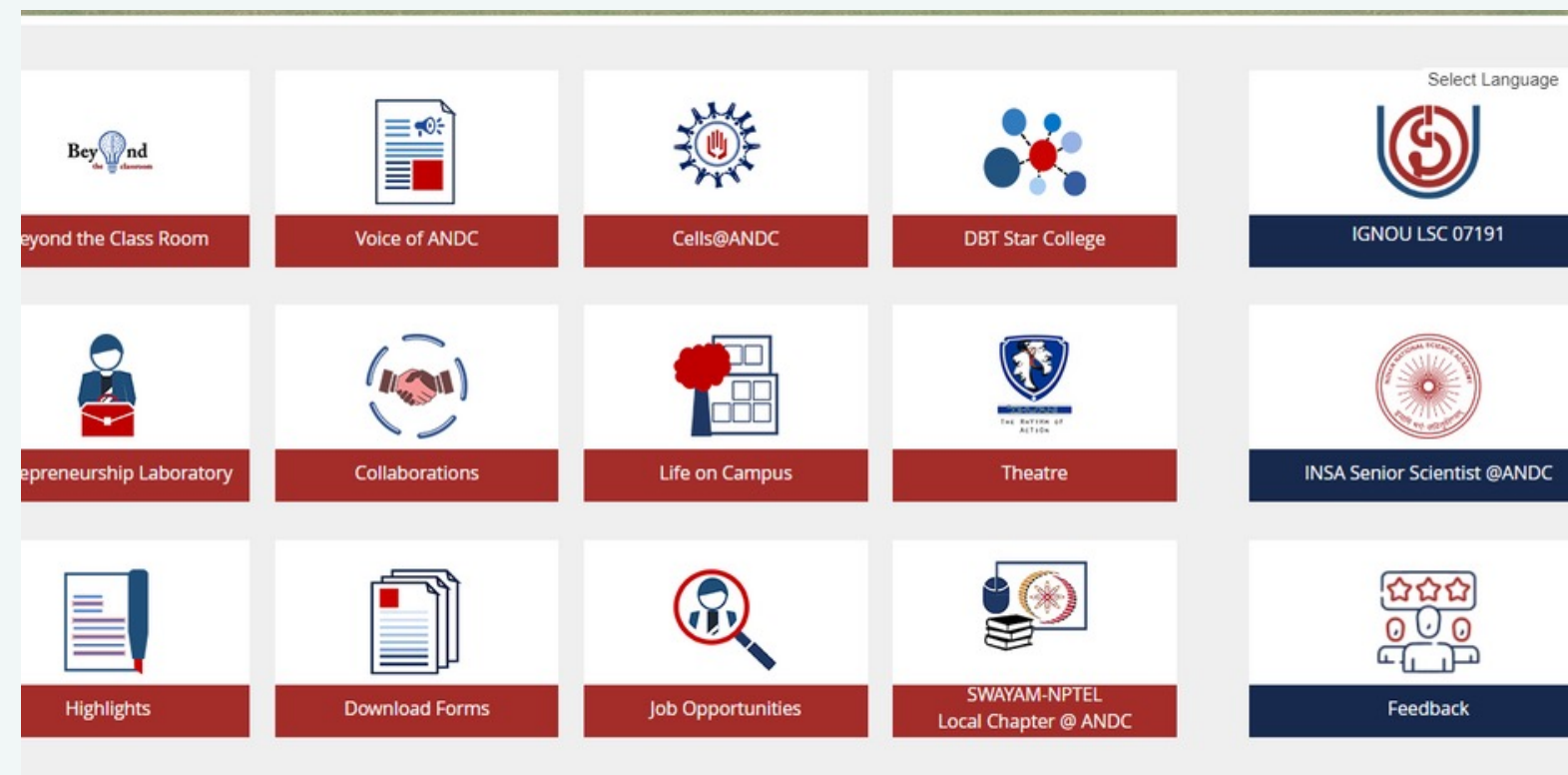
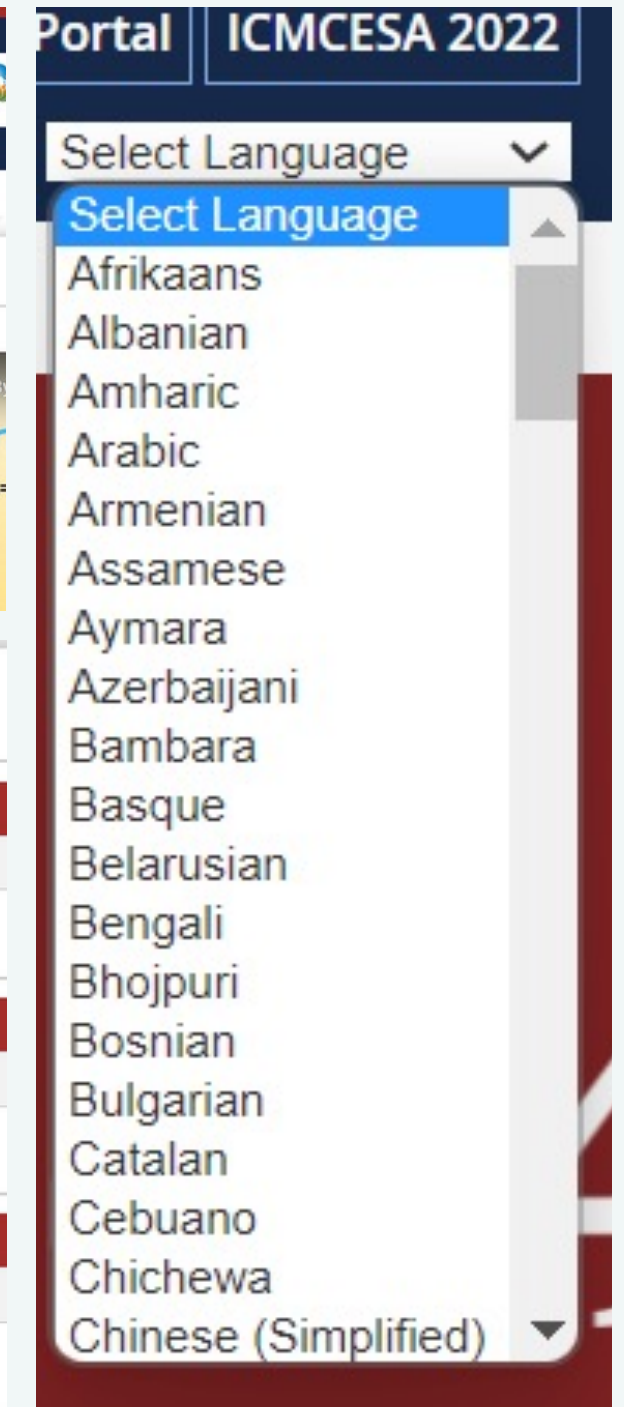
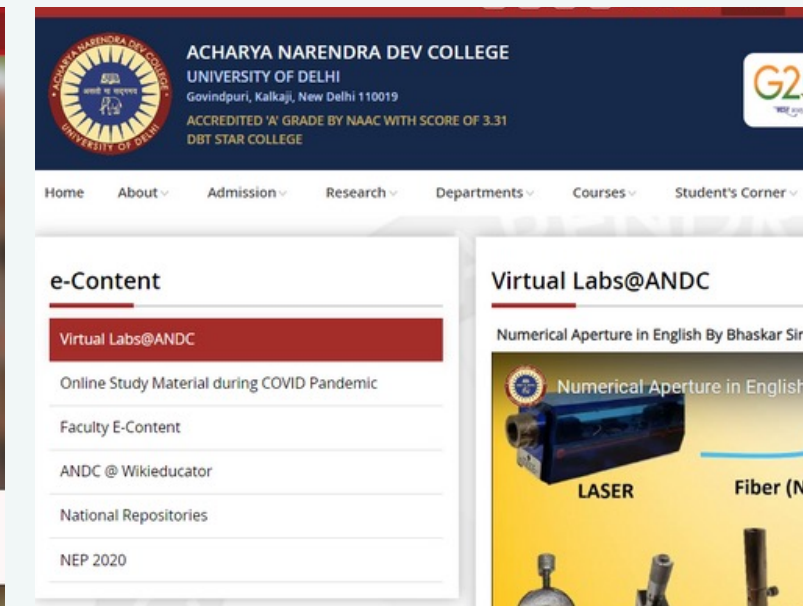
Subscriptions



CCTV Surveillance of campus

Infrastructure & Learning Resources

COLLEGE WEBSITE



A Hub of Information

Infrastructure & Learning Resources

Reading Room Conference Room



Seminar Room

Prof Urmi Bajpai (Biomedical Sciences)
Prof Gagan Dhawan (Biomedical Sciences)
Dr Sunita Jetly (Biomedical Science)
Prof Charu Khosla Gupta (Botany)
Dr Yasheshwar (Botany)
Prof Sunita Hooda (Chemistry)
Prof Seema Gupta (Chemistry)
Prof Pankaj Khanna (Chemistry)
Prof Pooja Bhagat (Chemistry)
Prof Neelu Dheer (Chemistry)
Prof Geetu Gambhir (Chemistry)
Dr Vikrant (Chemistry)
Dr Shalu Mahajan (Commerce)
Prof Sandeep Kr Goel (Commerce)
Prof Sharanjit Kaur (Computer Science)
Prof Chandra Kanta Samal (Computer Science)
Prof Vibha Gaur (Computer Science)

RECOGNIZED PHD SUPERVISORS 28

Prof Anju Agrawal (Electronics)
Prof Amit Garg (Electronics)
Prof Udaibir Singh (Electronics)
Prof Sada Nand Prasad (Maths)
Dr Chaman Singh (Mathematics)
Prof Arijit Chowdhuri (Physics)
Prof. Sarita Kumar (Zoology)
Prof Monisha Khanna Kapur (Zoology)
Prof Ravi Toteja (Zoology)
Dr Monica Misra (Zoology)
Prof Seema Makhija (Zoology)



Ph.D. STUDENTS

45

Ph.D. AWARDED

25

INTERNSHIPS

53

ACHARYA NARENDRA DEV COLLEGE RESEARCH LABS

ANTI-MYCOBACTERIAL DRUG
DISCOVERY LABORATORY
CHEMICAL BIOLOGY LABORATORY
CANCER AND THALASSEMIA
SCREENING LABORATORY

BIOMEDICAL
SCIENCE

ENVIRONMENTAL MONITORING AND
ASSESSMENT LABORATORY

MUSHROOM RESEARCH AND SKILL
DEVELOPMENT CENTRE

BOTANY

POLYMER RESEARCH LABORATORY

COMPUTATIONAL AND SYNTHETIC
CHEMISTRY LABORATORY

CHEMICAL BIOLOGY RESEARCH LABORATORY

ADVANCE CHEMISTRY RESEARCH LABORATORY

CHEMISTRY RESEARCH LABORATORY

CHEMISTRY

MATERIAL SCIENCE LABORATORY

DEVICE MODELING AND SIMULATION
LABORATORY

EMBEDDED SYSTEM AND ROBOTICS LABORATORY

ELECTRONICS

INSECT VECTOR AND PESTS LABORATORY

MICROBIAL TECHNOLOGY LABORATORY

CILIATE BIOLOGY LABORATORY

ZEBRA FISH CULTURE LABORATORY

ZOOLOGY

MATHEMATICS RESEARCH LABORATORY

SENSING MATERIALS AND DEVICES
LABORATORY

CHANDRA COMPUTATIONAL PHYSICS
LABORATORY

MATHS
PHYSICS

COMPUTER SCIENCE RESEARCH LABORATORY

COMPUTER
SCIENCE



INSTITUTIONAL BIOSAFETY COMMITTEE

ANIMAL ETHICS COMMITTEE



RESEARCH HUB

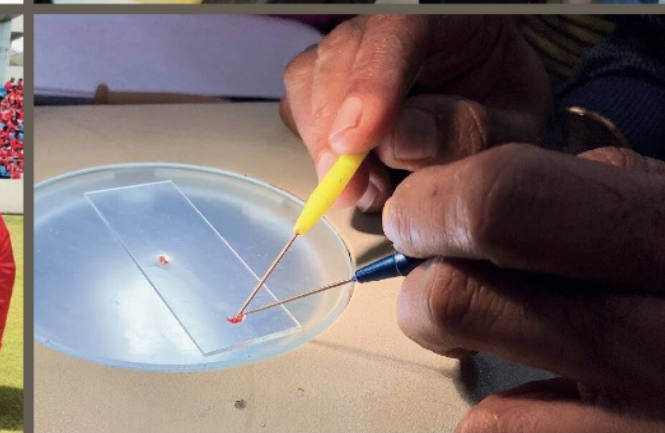
ANUSANDHAN KOSH

Rs 15,000 per annum
to recognized supervisor

RESEARCH CONTINGENCY GRANT

Rs 15,000 per annum
to the Departments

RESEARCH @ ANDC



Resource Mobilization for Research

GRANTS



Department of
BioTechnology,
Government
of India

सत्यमेव जयते



MERA India

Malaria Elimination Research Alliance India
One Platform, One Goal



icmr
INDIAN COUNCIL OF
MEDICAL RESEARCH



सत्यमेव जयते

Department of Science and Technology (DST)

DST



SPIE.

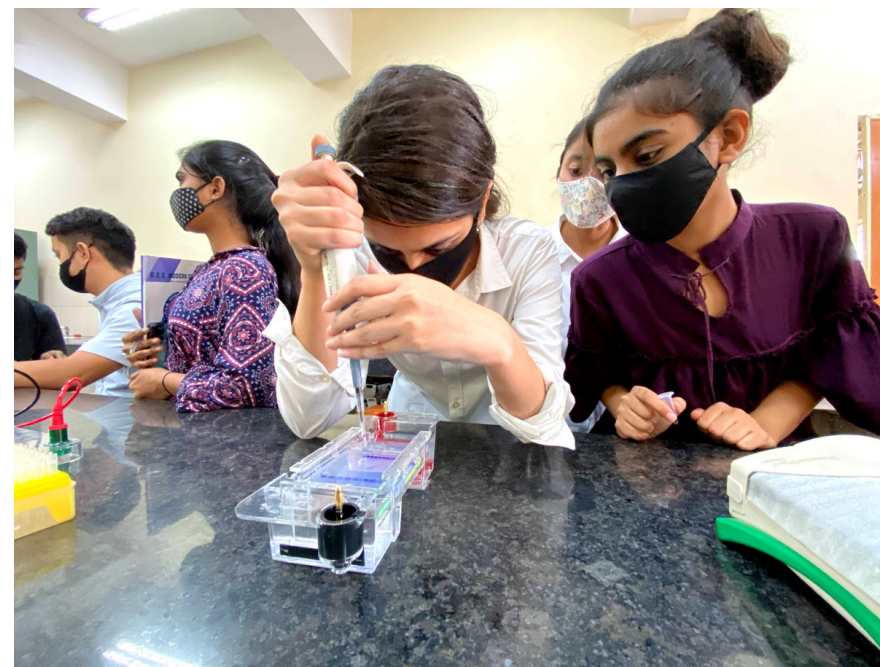
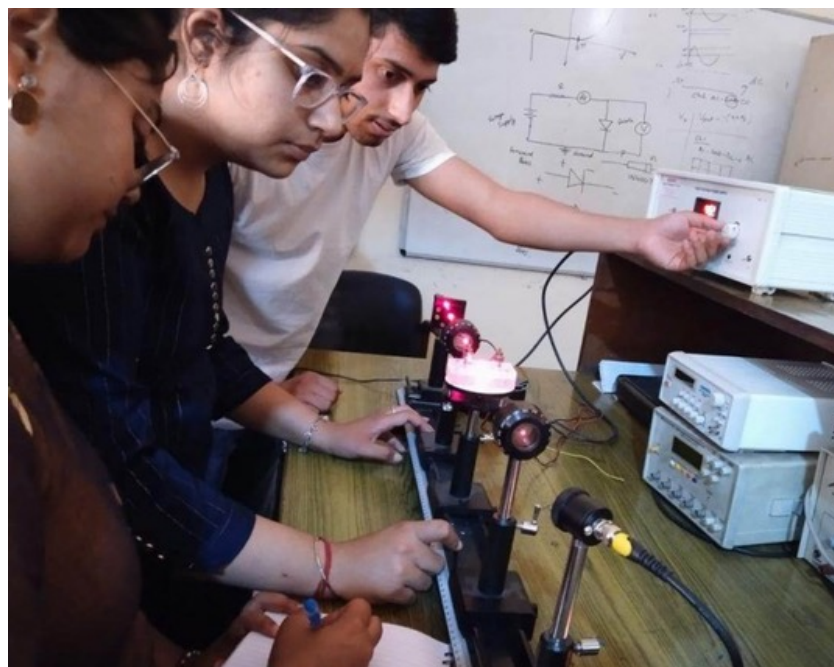


11.00

INR in Crores

Innovation Ecosystem

OPPORTUNITIES



ELITE

Education in a Lively
Innovative Training
Environment Scholarship



STAR COLLEGE (DBT)

The college has been granted Star
Status by DBT from May 21, 2020



SPIE (USA), ANDC CHAPTER

The Society of Photo-Optical
Instrumentation Engineers

SPIE.

Innovation Ecosystem

ANDC Kaushal Kendra

SERICULTURE SKILL CENTRE



IT TOOLS & INNOVATIONS SKILL CENTRE



FORENSICS SKILL CENTRE



EMERGING TECHNOLOGIES SKILL CENTRE



AGRI-BASED SKILL CENTRE



LANGUAGE EMPOWERMENT SKILL CENTRE



MOLECULAR AND BIOTECHNOLOGY SKILL CENTRE



MUSHROOM RESEARCH SKILL CENTRE



ZEBRAFISH BREEDING AND RESEARCH SKILL CENTRE



SERICULTURE SKILL CENTRE

- Mulberry Silkworm Rearing
- Eri Silkworm Rearing
- Silk Technology
- Application of Sericulture in Therapeutic and Cosmetic Industry

MOLECULAR BIOLOGY & BIOTECHNOLOGY SKILL CENTRE

- Isolation and characterisation of Plasmid DNA
- Isolation, Characterisation, and Quality Check of Genomic DNA
- Polymerase Chain Reaction (PCR) and its Applications
- Basic Analytical Techniques
- Tissue Culture
- DNA Barcoding of Medicinal/Commercially Important Plants

FORENSICS SKILL CENTRE

- Forensic Sciences
- Forensic Chemistry

AGRI-BASED SKILL CENTRE

- Biofertilizers
- Hydroponic and Aeroponic Farming
- Organic Farming
- Plant Aromatics and Perfumery

MUSHROOM RESEARCH & SKILL CENTRE

- Mushroom Culture and Technology - I
- Mushroom Culture and Technology - II

ZEBRAFISH BREEDING AND RESEARCH SKILL CENTRE

- Formulation of Fish Feed
- Fish Breeding and Larviculture
- Ornamental Fish Culture: Opportunity and Scope
- Drosophila and Zebra Fish Model Organism in Biological Studies

IT TOOLS & INNOVATIONS SKILL CENTRE

- IT Skills and Data Analysis - I
- IT Skills and Data Analysis- II
- Basic IT tool
- Essential of Python
- Programming using Python
- Front End Web Design and Development
- Cyber Sphere and Security: Global Concerns

LANGUAGE EMPOWERMENT SKILL CENTRE

- Communication in Everyday Life
- Communication in Professional Life
- Business Communication
- Personality Development and Communication
- Creative Writing
- Public Speaking in English Language and Leadership

FINBIZ SKILL CENTRE

- Digital Marketing
- Social Media Marketing
- Innovation and Entrepreneurship
- Finance for Everyone
- Personal Financial Planning

EMERGING TECHNOLOGIES SKILL CENTRE

- Graphics Design & Animation
- Introduction to Cloud Computing (AWS)
- APP Development using Flutter
- PCB Designing and Fabrication

YOGA IN PRACTICE

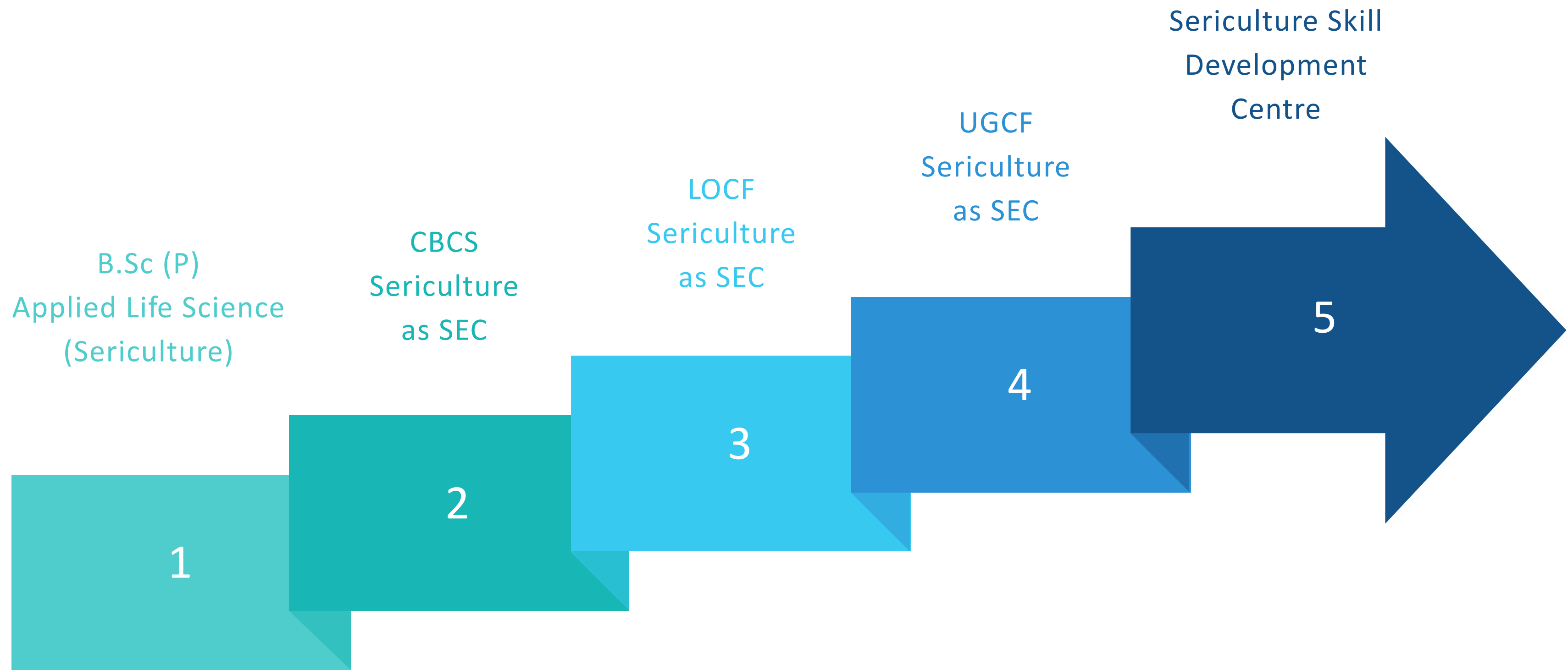
PROSPECTING E- WASTE FOR SUSTAINABILITY



रेशम उत्पादन कौशल केंद्र

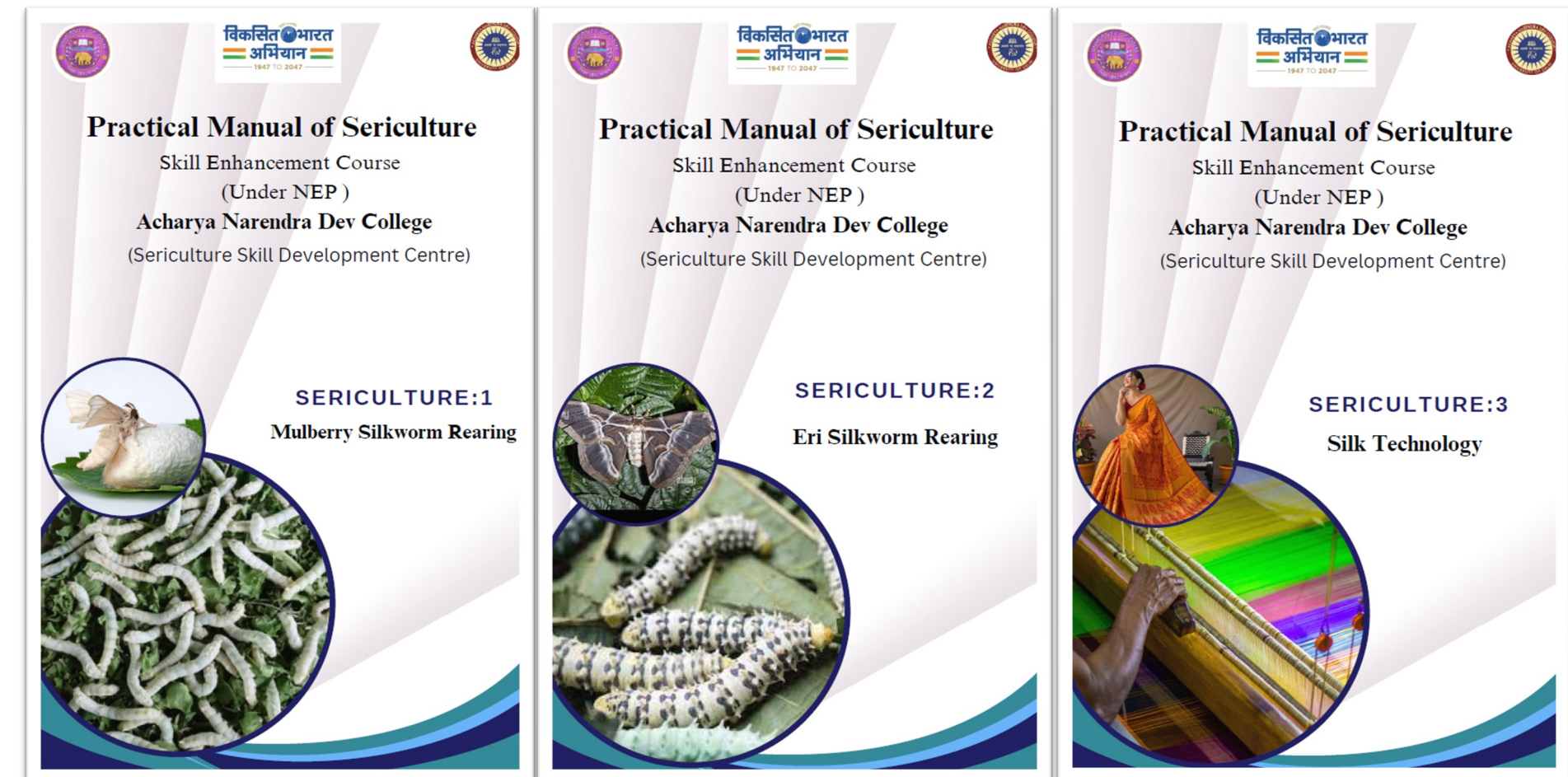
SERICULTURE SKILL CENTRE

(FUNDED BY SECC, DU, DBT & COLLEGE)

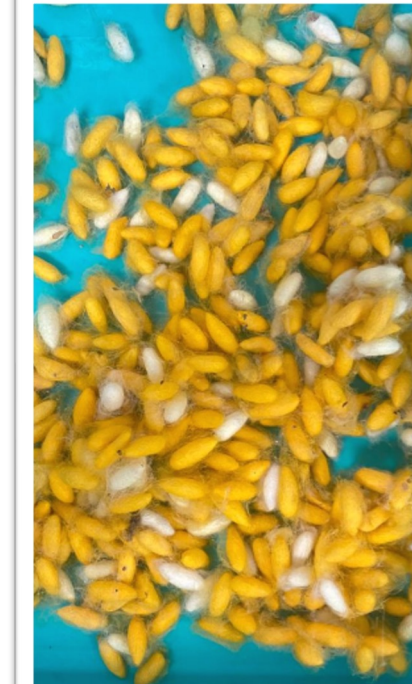


Sericulture Skill Centre (रेशम कौशल केंद्र) - Nodal Center for University of Delhi

1. Sericulture-I: Mulberry Silkworm Rearing
2. Sericulture- II: Eri Silkworm Rearing
3. Sericulture-III: Silk Technology
4. Sericulture-IV: Application of Sericulture in Therapeutic and Cosmetic Industry

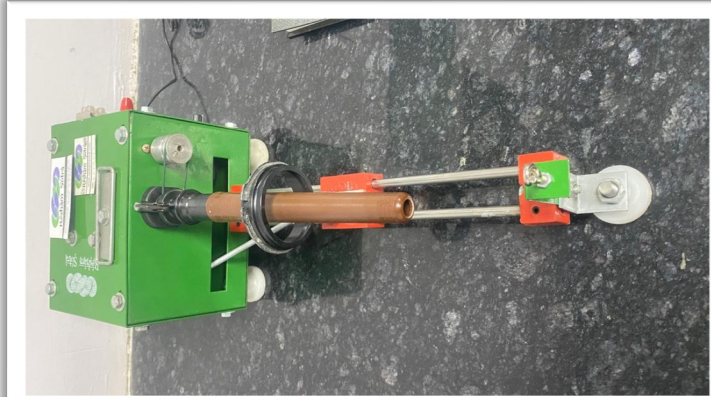
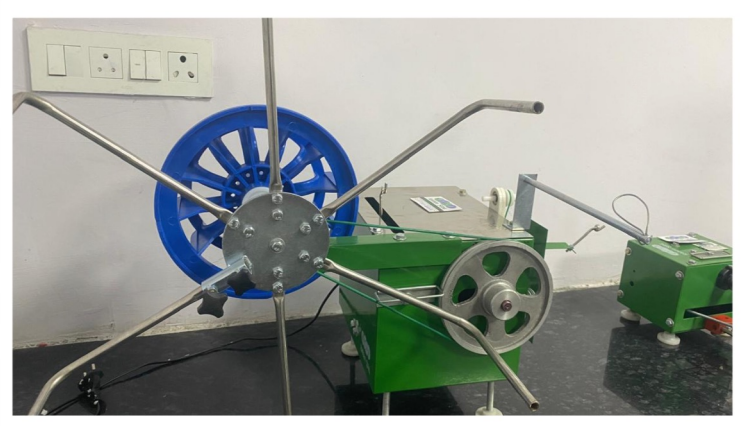


Sericulture Skill Centre (रेशम कौशल केंद्र)



Equipment Procured

S. No.	Name of Equipment
1	Oil Purifier Heater
2	pH Meter
3	Electronic Weighing Scale
4	Hot Air Oven
5	BOD Incubator
6	Warping Machine
7	Hank Machine
8	Humidifier
9	Double Distillation Water Unit4LPH
10	2pan codding & Brushing Table
11	Silk Spinning Machine
12	Reeling Machine
13	Re-Reeling Machine
14	Charkhee Wheel
15	Silkworm Rearing Tray
16	Wire Heair
17	Micropipette
18	Desert Cooler
19	Centrifuge Machine
20	Soxhlet Apparatus



FDP on Sericulture @ Department of Zoology



University of Delhi
(Skill Enhancement Course Committee)
in collaboration with
Acharya Narendra Dev College, University of Delhi
(under the aegis of DBT STAR Status and IQAC)
Department of Zoology, University of Delhi
Shaheed Rajguru College of Applied Sciences for Women, University of Delhi
GAD-TLC, SGTB Khalsa College, Ministry of Education, PMMMNMTT, Govt. of India
Atma Ram Sanatan Dharma College, University of Delhi

Organizes One-Week National
Faculty Development Programme
**SERICULTURE:
REARING AND
ITS APPLICATION**
August 8-14, 2023 | ANDC

Titles of SECs being covered in the FDP

- Mulberry Silk worm Rearing
- Application of Sericulture in Therapeutic and Cosmetic Industry
- Silk Technology
- Eri Silk worm Rearing

<https://www.andcollege.du.ac.in>

Participants can be faculty members: Permanent, Ad-hoc and Guest.
Participants will obtain FDP certificate from GAD-TLC, SGTB Khalsa College, Ministry of Education, PMMMNMTT, Govt. of India.
Registration Fees
₹ 6000 for Faculty Members
Limited seats available on first come first serve basis

These certificates will fulfill CAS of UGC's promotional criteria.



Workshop on Sericulture
@ Department of Zoology

Zakir Husain Delhi College



Beneficiaries

Maitreyi College



Students: 86
Faculty: 30
Non-Teaching: 05

Shivaji College





- <https://www.statista.com/statistics/622953/raw-silk-production-by-state-india/>
- <https://www.thehindu.com/>
- <http://www.jeeng.net/>
- [texthttps://www.mdpi.com/2079-6439/11/6/56](https://www.mdpi.com/2079-6439/11/6/56)

Faculty Development Programs Attended for SEC Papers



LAB to ENTREPRENEURSHIP



1

Sericulture Technician: Working with sericulture farms to manage and monitor silk-producing insects.

2

Farm Manager: Overseeing the operations of sericulture farms, including the cultivation of mulberry plants and care of silkworms.

3

Quality Control Specialist: Ensuring the quality of raw silk and finished products.

Silk Processing Expert: Involved in the processing and transformation of raw silk into finished products.

4

Entrepreneurship: Starting and managing sericulture-related businesses, from farming to silk weaving, printing and marketing.





फॉरेंसिक कौशल केंद्र

FORENSICS SKILL CENTRE

(FUNDED BY DBT & COLLEGE)

SKILL ENHANCEMENT COURSES in Forensic SCIENCE



**Techniques in Forensic
Science**

**Choice based
credit system
2015
onwards**

**Techniques in Forensic
Science**

**Learning
Outcomes-based
Curriculum
Framework
2019 onwards**

**1. Basic Forensic Science
2. Forensic Chemistry**

**National
Education Policy:
Undergraduate
Curriculum
Framework
2022 onwards**



SKILL ENHANCEMENT COURSES in Forensic SCIENCE

Basic Forensic Science

(2 Credits: 4P)

Scope, Principle and Branches

Crime Scene Drawing & Documentation

Forensic Evidences: Collection & Preservation

Forensic Chemistry

(2 Credits: 4P)

History of Forensic Science in India

Fingerprints: Types and Development

Ink Analysis, Fire/Arson & Explosive

Advanced Techniques in Forensic Science

(Proposed DSE for 4th Year)

STUDENTS BENEFITTED

Techniques in Forensic Science

347

Basic Forensic Science

67

Forensic Chemistry

220



WORKSHOPS CONDUCTED

	For Students	For Faculty	For Non-Teaching Staff
Number	3	3	2
Beneficiaries	286	340	60

Acharya Narendra Dev College
Department Of Biomedical Science

Organises
One day workshop
on
FRAUD, FORGERY AND FORENSICS: EXAMINING HANDWRITING, FINGERPRINTS AND SECURITY DOCUMENTS
(Under the Aegis of DBT Star College Scheme)
3rd April 2019; 10:00 AM - 3:00 PM
First come first serve basis, selected candidates will be informed through email

SPEAKER:
Sri J.K. SEMWAL

Patron:
Dr. Ravi Toteja

Convenors:
Dr. Archana Pandey
Dr. Sunita Jerly

Organising committee:
Dr. Abhishek Kr. Mehta
Dr. Satendra Singh

Dr. Rakesh Roshan
Dr. Namita Singh
Dr. Abhijeet Mishra

A ONE DAY WORKSHOP
On
FORENSIC EXAMINATION OF DOCUMENTS
16 June, 2017
Organized by
DEPARTMENT OF BIOMEDICAL SCIENCE
ACHARYA NARENDRA DEV COLLEGE
(University of Delhi, New Delhi)
(Under the aegis of DBT, Star College Scheme)

Over 25 fake admissions suspected in Delhi University colleges, four arrested

FAKE REAL FAKE

DAV College Expels 18 Students For Submitting Fake Documents

Delhi Police arrests DU admission racket kingpin

About the Programme
Every year several cases are reported during admissions in the colleges of University of Delhi, regarding fake admissions based on counterfeit mark sheets and other documents. This not only creates legal hassles and bring bad name to the University but also deprive several deserving candidates. This creates a need to edify the staff involved in the admission process to distinguish original documents from fake. To address this requirement, Department of Biomedical Science, Acharya Narendra Dev College is organizing a one day Workshop on the **Forensic Examination of Documents** for non-teaching staff of colleges of University of Delhi and institutes of Higher Education under Delhi Government, involved in admission process. This programme is intended to provide the participants to learn practically with live case studies and demonstration under the supervision of eminent experts.

Activities	Registration
<ul style="list-style-type: none"> Signature Forgery Handwriting Forgery Detection of Forgery in Mark sheets/ Admit Cards/ Caste Certificate/ Currency Note/ Bank Cheque/ Stamp Papers 	<p>Only two participants per college/institute are permitted. Last date of submitting applications is, before 2.00 pm, 13 June, 2017.</p>

Organizing Committee
Patron: Dr. Sunita Jerly
Convenor: Dr. Archana Pandey
Dr. Abhishek Kumar Mehta
Dr. Satendra Singh
Dr. Rakesh Roshan
Dr. Anjali Prasadshini

ACHARYA NARENDRA DEV COLLEGE
UNIVERSITY OF DELHI
(All India NIRF 2020 Ranking-18, NAAC Score-3.31)
DEPARTMENT OF BIOMEDICAL SCIENCE
Under the Aegis of DBT-STAR College Scheme

Presents a webinar
on
Introduction to Digital Forensics and Electronic Evidences

Speaker
Dr. Mohit Soni

- CEO WhiteLint Global Pvt. Ltd
- Associate Professor Lovely Professional University, Punjab
- Trainer Police Training School, Dwarka
- Former consultant Cyber Crime Investigation, Ministry of Home Affairs, Delhi

April 3, 2021 **03:00 pm to 05:00 pm**
<https://meet.google.com/btj-itvu-jqw>

Patron:
Dr. Ravi Toteja
(Officiating Principal, ANDC)

Convenors:
Dr. Archana Pandey
Dr. Ritu Khosla

Co-convenors:
Dr. Satendra Singh, Dr. Rimpy K Chowhan, Dr. Deepshikha

Student Co-ordinator:
Pritika Kwatra, Ashutosh Singh, Anjali Bhadana

ACHARYA NARENDRA DEV COLLEGE
(University of Delhi)
NAAC Accreditation Grade 'A' | NIRF-2022 All India Ranking-18
Under the Aegis of IQAC and DBT-STAR College Scheme

WHEN FORENSICS WILL COME INTO PLAY
TRUTH WILL FIND ITS WAY

DEPARTMENT OF BIOMEDICAL SCIENCE
organises a one day Hands-on Workshop on
FORENSIC SCIENCE

Cyberforensics Crime scene investigation
Question Document Analysis
Fingerprint Analysis Handwriting Analysis

Ms. Afsheen Tarannum
Director, Academic Affairs
SIFS India

Dr. Anil Kaura
Orient Sourcing Solutions,
Fingerprint Master

Mr. Shubham Gautam
(Cyber Forensic Strategist
Psyberbull)

DATE: 12 April 2023
VENUE: Seminar Hall
TIME: 9 a.m - 5 p.m

FREE REGISTRATION
LIMITED SEATS

PATRON
Prof. Ravi Toteja
(Officiating Principal, ANDC)

CONVENOR
Dr. Archana Pandey
Teacher In Charge
(Department of Biomedical Sciences, ANDC)

ORGANISING COMMITTEE
Dr. Satendra Singh
Dr. Rimpy Kaur Chowhan
Dr. Ritu Khosla
Dr. Deepshikha
Dr. Anjali Prasadshini
Dr. Nidhi Rao
Dr. Anand Kumar Saurabh Kumar, Nidhi K Sharma Mehak Sharma - Vashu Goyal
Dr. Hritik Singh and Suprobb Ahna Borah (event coordinators)

For Any Query: +917014759243 +96002395964

ACHARYA NARENDRA DEV COLLEGE
University of Delhi
(All India NIRF 2020 Ranking-18, NAAC Score-3.31)
Under the Aegis of DBT-STAR College Scheme

Presents
ANDC Career Counselling Series
"Career in Forensic Science"

by

Sweta
M.Sc. Forensic Science
(Specialization in Forensic Chemistry and Toxicology) UNJN
National Institute of Criminology and Forensic Science
(MHA, Govt. of India)

Maniki Mathur
DNA Technologist, Bode Technology Group Inc
M.Sc. Forensic Molecular Biology,
George Washington University, USA

Arti Varshney
Scientific Officer, Sherlock Institute of Forensic Science, India
M.Sc. Forensic Science,
Sam Higginbottom University of Agriculture, Technology and Sciences, India
Post Graduate Diploma in Forensic Science, SGTB Khalsa College, University of Delhi, India

Date: March 20, 2021; Time: 07:30 pm to 09:00 pm
On Google Meet (<https://meet.google.com/ujx-wony-bjg>)

Patron
Dr. Ravi Toteja
(Officiating Principal)

Convenor
Dr. Archana Pandey
Dr. Rashmi Sharma
Dr. Seema Makhija
(Department of Zoology)

Organizing Committee
Dr. Satendra Singh, Dr. Rimpy K Chowhan, Dr. Ritu Khosla, Dr. Deepshikha (Department of Biomedical Science)
Dr. Manoj Kumar Singh, Dr. Sumit Sahni, Dr. Vineet Kumar Singh (Department of Botany)
Dr. Navdeep Singh, Dr. Rahul Dev, Mr. Sanjay Kumar (Department of Zoology)

Student Coordinator
Pritika Kwatra, Abhishek Das, Sakshi Sharma
(Department of Biomedical Science)

NATIONAL CONFERENCE & WORKSHOP
TRENDS AND SCOPE OF FORENSIC SCIENCE
11 - 12 April, 2017
Organized by
DEPARTMENT OF BIOMEDICAL SCIENCE
ACHARYA NARENDRA DEV COLLEGE
(University of Delhi, New Delhi)

About the Programme
The National Conference and Workshop on the 'Trends and Scope of Forensic Science' is especially directed to edify the participants about the significance of forensic science in everyday life. In recent years, forensic science has surfaced from the real world to the real world. This programme is aimed to spread awareness about the development and implications of forensic techniques in the contemporary times. This programme would be beneficial for the young students to learn and appreciate the basics of this unique science and would encourage them to select this field as an exhilarating career in future. This programme is dedicated to provide the participants to learn practically with live case studies and demonstration under the supervision of eminent experts.

Speakers	Activities
Shr. V. N. Sehgal Former Director- CFSI, CBI Dr. G. S. Sodhi Associate Professor and Coordinator, Forensic Science Unit, SGTB Khalsa College, DU Dr. L. S. Choudhary Associate, Delhi High Court Prof. (Dr.) Anil Aggarwal Director Professor, Department of Forensic Medicine Maulana Azad Medical College	<ul style="list-style-type: none"> Finger print & other impressions Voice identification & tape authentication Catch them red-handed Crime scene investigation Know your security documents (Currency notes, Stamp Paper, Cheque, Demand Draft, Mark Sheets). Forensic case studies.

Registration Fees (INR)*		Last date of early registration and abstract submission: 6 April, 2017
Category	Early Registration	
Students (ANDC)	300	Theme for poster presentation: Forensic Science. Poster Size: 1m x 1m Abstract word limit: 300 words Font: Times New Roman, 12 pt size, 1.5 line spacing. Name of presenting author to be underlined.
Students (Others)	500	
Faculty	750	

* Fees acceptable by digital mode only. Details in registration form.

Step 1: Download registration form from andcollege.du.ac.in
Step 2: Fill the form. Step 3: Registration form must be sent by email to : tsfandc@gmail.com
Incomplete registration forms will not be accepted.

Patron:
Dr. Sunita Jerly
Principal, ANDC

Convenor:
Dr. Archana Pandey

Organizing Committee
Dr. Rakesh Roshan
Dr. Anjali Prasadshini
Dr. Abhishek Kumar Mehta
Dr. Satendra Singh
Dr. Pratiksha Harne

Sponsors
IUMR DELHI

Faculty Development Program CONDUCTED

One-Week Faculty Development Program (Interdisciplinary-Science) on FORENSIC SCIENCE
06th April to 18th April 2024

Attend both FDPs to be eligible for:
REFRESHER COURSE (INTERDISCIPLINARY-SCIENCE) in SKILL DEVELOPMENT IN FORENSIC SCIENCE & FORENSIC CHEMISTRY

Online mode with One Day Hands-on for teachers from Delhi University & its Colleges; completely online for rest

Based on Delhi University's Skill Enhancement Courses
Eligible for CAS of UGC & AICTE

UGC-MMTTC
MALAVIYA MISSION TEACHER TRAINING CENTRE
A Centre of UGC- MoE at S.G.T.B. Khalsa College, University of Delhi
GAD-MMTTC (Formerly GAD-TLC)
in collaboration with

UNIVERSITY OF DELHI
(Department of Anthropology and Skills Enhancement Committee)
and

ACHARYA NARENDRA DEV COLLEGE, DU
(Department of Biomedical Science)
(Under the aegis of DBT Star College Scheme and IQAC)
and

FORENSIC SCIENCE UNIT, SGTB Khalsa College
University of Delhi

All DU College Principals/ Heads of Institutions are requested to nominate teachers and Reimburse their Registration and other expenses for a uniform implementation of the respective SECs across DU Colleges.



Participants = 83

One-Week Faculty Development Program (Interdisciplinary-Science) on FORENSIC CHEMISTRY
22nd April to 30th April 2024

One Day Hands-on Session for Teachers from Delhi Colleges
Organised by
Acharya Narendra Dev College
(Under the Aegis of IQAC and DBT Star College Scheme)

Based on Delhi University's Skill Enhancement Courses
Eligible for CAS of UGC & AICTE

Patron	Convenor	Convenor
Prof. Ravi Toteja Officiating Principal	Dr. Archana Pandey Associate Professor Dept of Biomedical Science	Dr. Geetu Gambhir Professor Dept of Chemistry

ORGANISING COMMITTEE (FDP ON FORENSIC CHEMISTRY)

Dr. Sunita Hooda Professor Dept of Chemistry	Dr. Ritu Khosla Assistant Professor Dept of Biomedical Science	Dr. Satendra Singh Assistant Professor Dept of Biomedical Science
Dr. Rimpika Chowhan Assistant Professor Dept of Biomedical Science	Dr. Deepshikha Assistant Professor Dept of Biomedical Science	

Participants = 76

Faculty Development Program ATTENDED





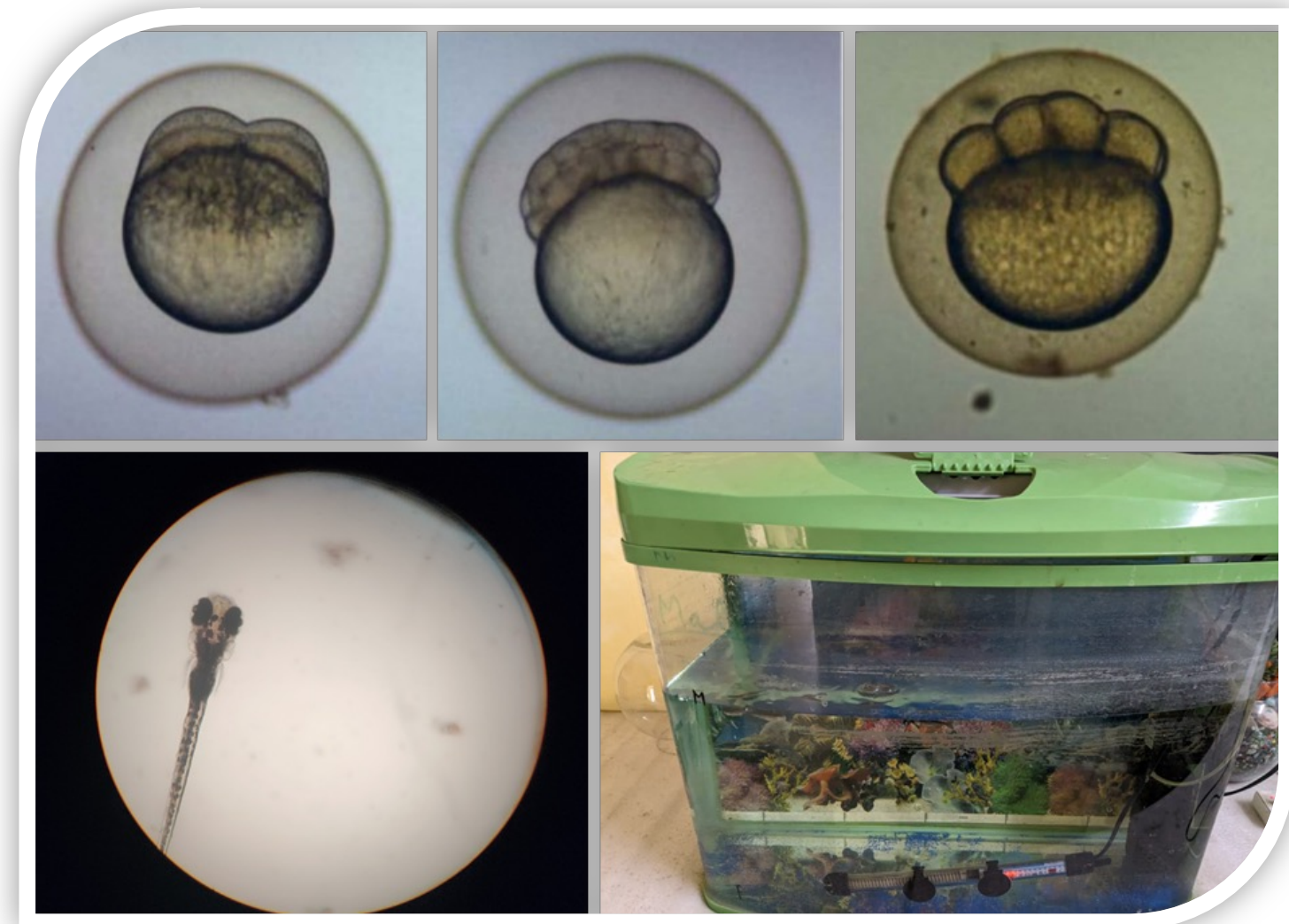
जेब्राफिश प्रजनन एवं अनुसंधान कौशल केंद्र

ZEBRAFISH BREEDING AND RESEARCH SKILL CENTRE

(FUNDED BY DBT & COLLEGE)

- 1. Formulation of Fish Feed**
(No. of Students Opted: 53)
- 2. Fish Breeding and Larviculture**
(No. of Students Opted: 30)
- 3. Ornamental Fish Culture: Opportunity and Scope**
(No. of Students Opted: 58)
- 4. Drosophila and Zebra fish model organism in biological studies**
(No. of Students Opted: 42)

Zebra Fish Culture Laboratory (पालन केंद्र)



INTERCOLLEGE WORKSHOP FOR SKILL ENHANCEMENT OF STUDENTS



INTERCOLLEGE WORKSHOP FOR SKILL ENHANCEMENT OF STUDENTS



ACHARYA NARENDRA DEV COLLEGE
 University of Delhi
 मत्स्य Lab - Zebrafish (*Danio rerio*)
 Culture lab



3rd September 2023
 “One day inter college workshop on Rearing and breeding of zebra fish (*Danio rerio*) opportunity and scope”








Acharya Narendra Dev College
 University of Delhi
 (under the aegis of DBT STAR Status and IQAC)
 Department of Zoology, Acharya Narendra Dev College

Organizes One Day Inter-College Workshop
REARING & BREEDING OF ZEBRAFISH (*Danio rerio*): OPPORTUNITY AND SCOPE



Highlights of the workshop

- Aquarium Keeping
- Breeding Unit Setup
- Fish Feeding
- Safety Protocols and instrumentation
- Egg Water Preparation
- Hands-On Session

 **23rd September, 2023**
 **9:30 a.m**
 **Zoology Lab-3, ANDC**

OFFICIATING PRINCIPAL PROF. RAVI TOTEJA	TEACHER IN-CHARGE PROF. SEEMA MAKHIJA	TEACHER CO-ORDINATORS DR. MONICA MISRA MS. BHUMIKA CHAUHAN
---	---	--

Contact: Kapil-9328714817 **Puneet-7042113660**

The workshop is totally **FREE OF COST**.
 Refreshments and lunch will be provided.
 Participants can be 1st and 2nd year students only.
 Certificates will be provided to all the participants.
Limited seats available on first come first serve basis (first 50 applicants only)

Scan the QR Code To Register




उभरती प्रौद्योगिकियां कौशल केंद्र

EMERGING TECHNOLOGIES SKILL CENTRE

(FUNDED BY DBT & COLLEGE)

The image features the Flutter logo, which consists of a stylized 'F' made of three blue and white geometric shapes. To the right of the logo, the word 'Flutter' is written in a white, sans-serif font. The background is a solid blue color with abstract, isometric geometric shapes and dashed white lines, creating a sense of depth and structure.

A photograph showing two female students wearing hijabs. They are looking at a small, red, 3D printed object that one of the students is holding. To their left is a black 3D printer with a transparent door, labeled '3D PRINTER' and 'Formlabs PreForm 1'. The printer is on a wooden desk, and a computer monitor and keyboard are also visible. The background shows a window with a view of a city skyline.

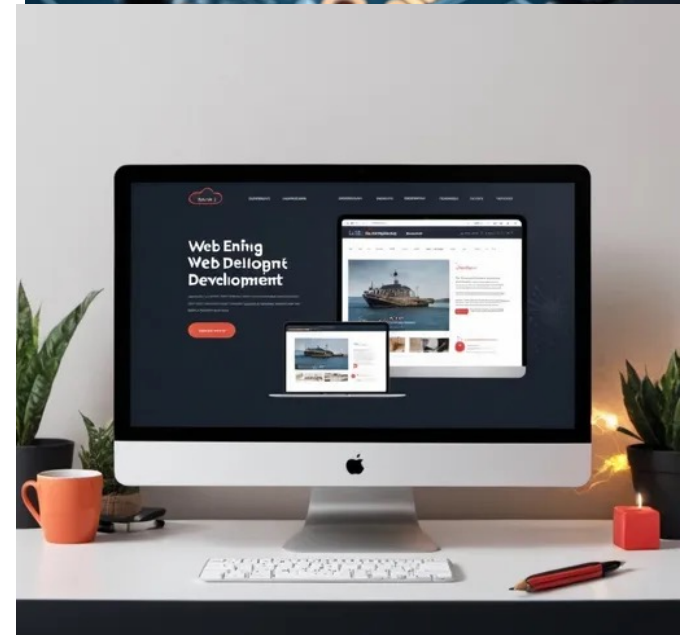
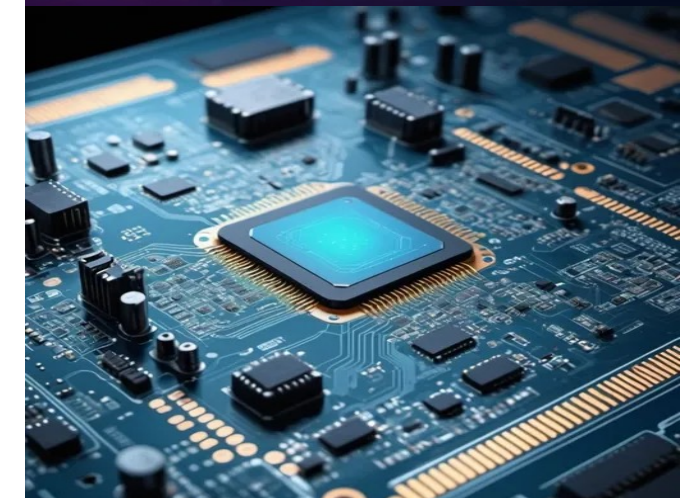
- design
thinking

- Introduction to Blockchain
- Back-End Web Development
- Cyber Sphere and Security Global Concerns
- Big Data Analytics I
- Electronic Product Testing



STUDENTS BENEFITTED

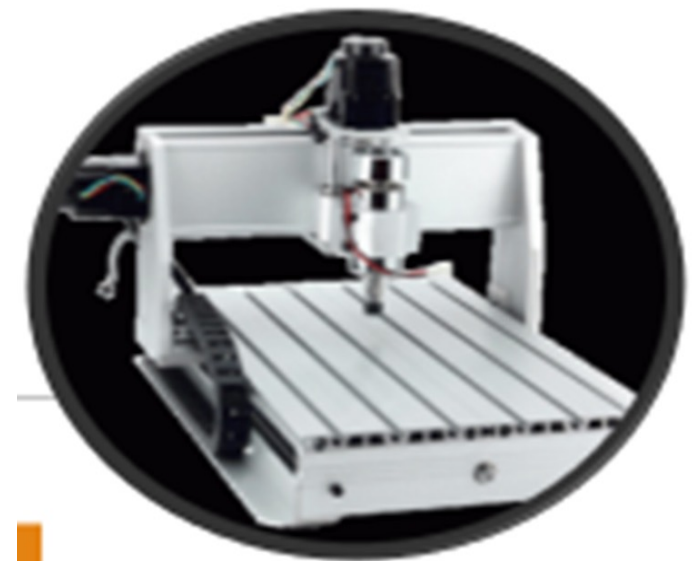
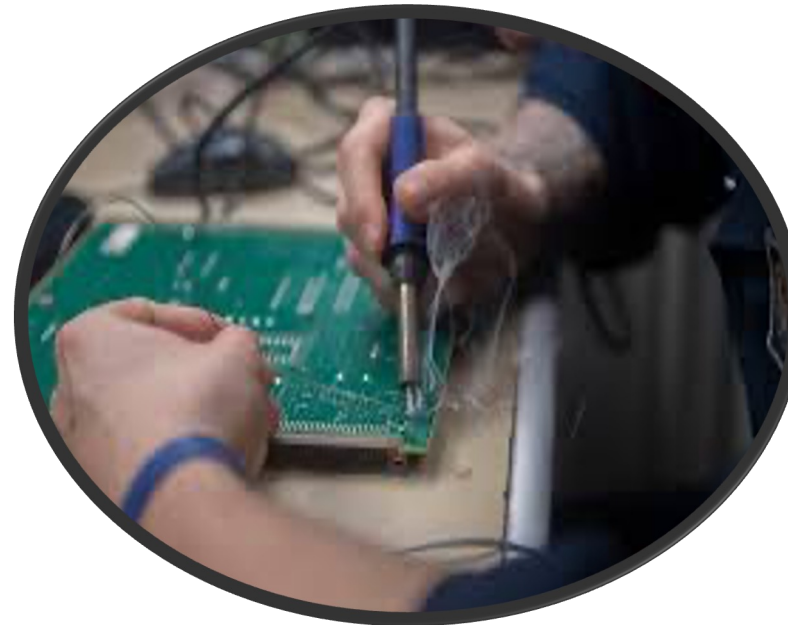
Course Name	No. of Students
• Introduction to AWS	143
• App Development using Flutter	90
• PCB Designing and Fabrication	34
• Graphics Design and Animation	148
• Design Thinking	28
• Front End Web Design & Development	21



Emerging Technologies Labs

PCB DESIGN AND FABRICATION LAB

Availability of PCB prototyping machine has rendered hands-on exposure and hence better learning !!



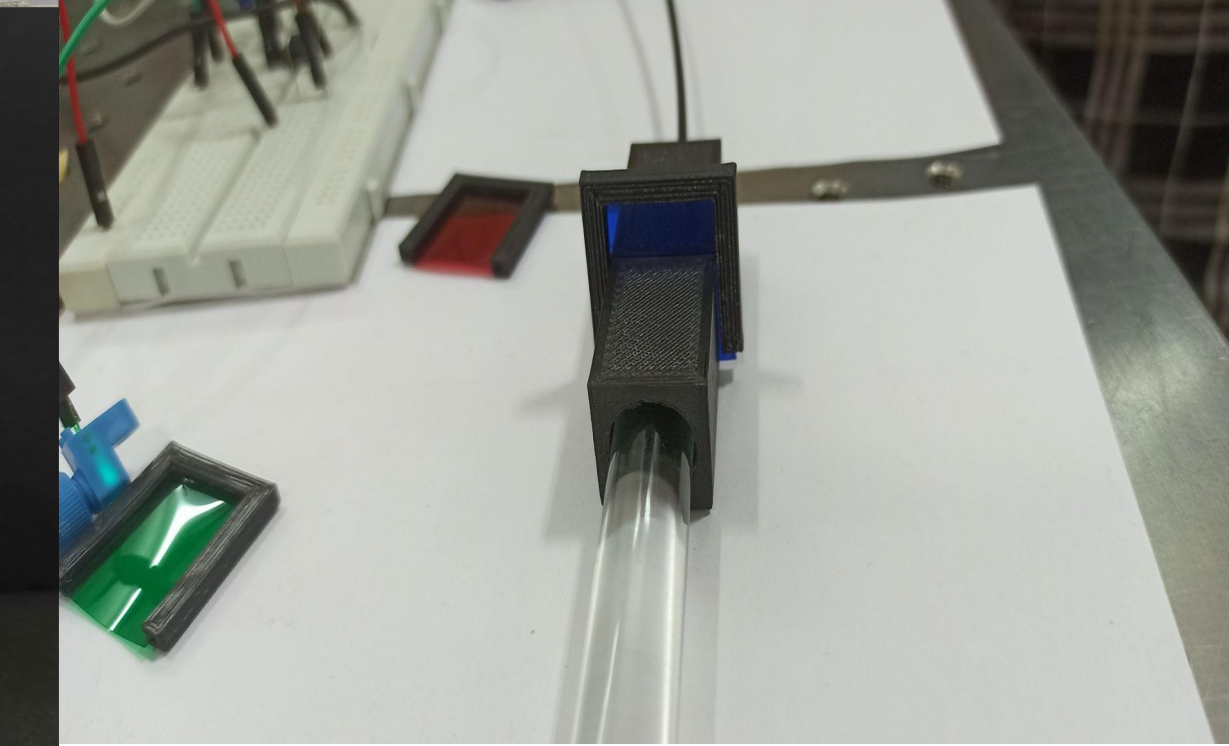
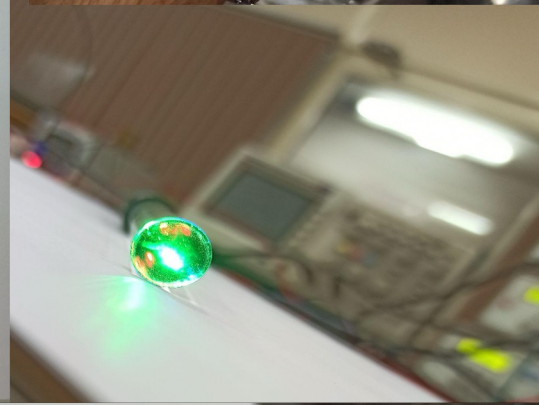
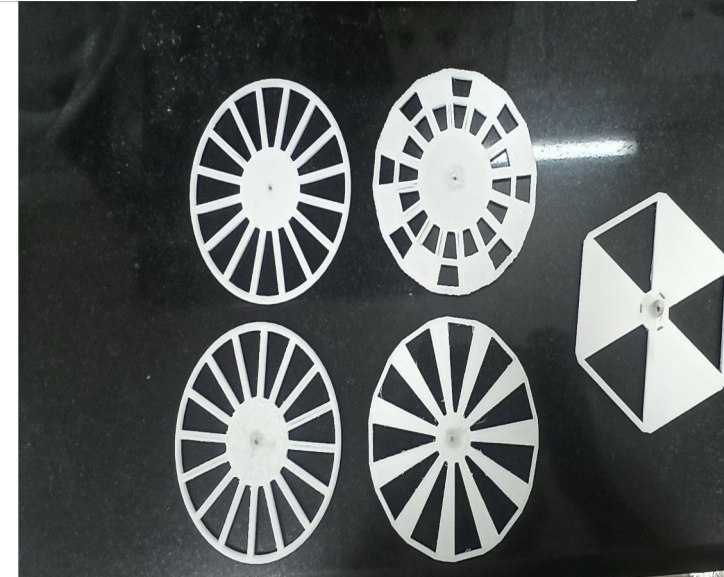
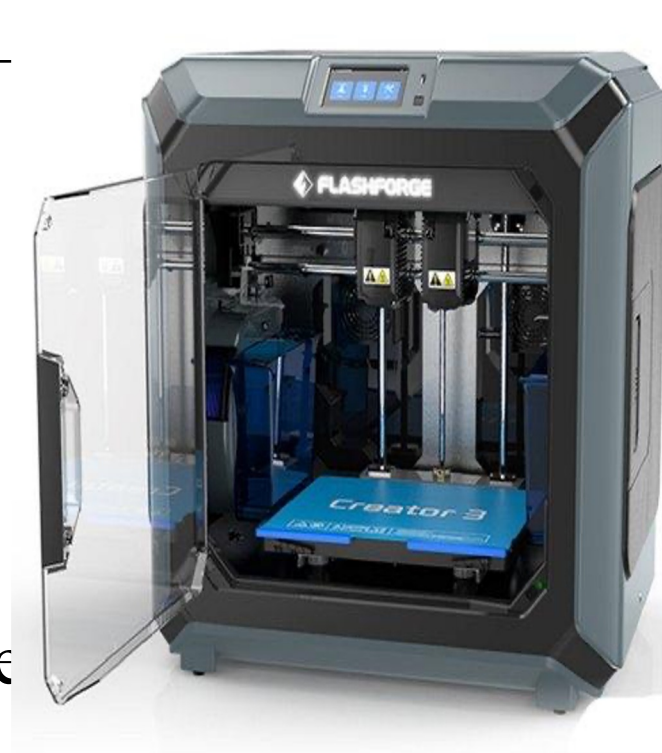
3D Printing Lab

- 3D Modelling of a single component.
- Assembly of CAD modelled Components
- Exercise on CAD Data Exchange
- Generation of .stl files.
- Identification of a product for Additive Manufacturing and its AM process plan.
- Printing of identified product on an available AM machine.
- Post processing of additively manufactured product.
- Inspection and defect analysis of the additively manufactured product.
- Comparison of Additively manufactured product with conventional manufactured counterpart.

UG Dissertation

Two students did their final year projects in 3D printing under the supervision of Professor Amit Garg.

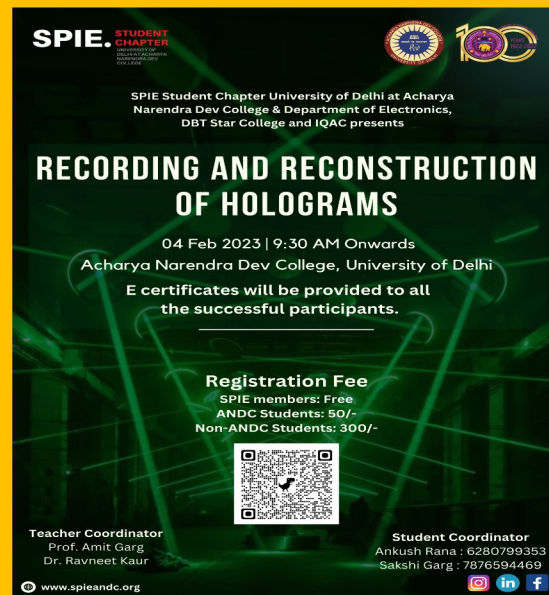
1. Ankush Rana
2. Shivansh Bhatnagar



FDPS/WORKSHOPS CONDUCTED

Workshop on Hologram Recording and Reconstruction

1 day
(February 4, 2023)



SPIE Student Chapter University of Delhi at Acharya Narendra Dev College & Department of Electronics, DBT Star College and IQAC presents

RECORDING AND RECONSTRUCTION OF HOLOGRAMS

04 Feb 2023 | 9:30 AM Onwards
Acharya Narendra Dev College, University of Delhi
E certificates will be provided to all the successful participants.

Registration Fee
SPIE members: Free
ANDC Students: 50/-
Non-ANDC Students: 300/-

Teacher Coordinator:
Prof. Amit Garg
Dr. Ravneet Kaur

Student Coordinator:
Ankush Rana - 6280799353
Sakshi Garg - 7876594469

www.spieandc.org

Workshop on Machine Learning With Python

5 days

(September 25-29, 2023)



SPIE Student Chapter University of Delhi at Acharya Narendra Dev College & Department of Electronics, DBT Star College and IQAC presents

5 Day Workshop with Our Industry Partner Brain Mentors Pvt. Ltd. on

MACHINE LEARNING WITH PYTHON

UNLOCK, LEARN AND LEAD YOUR WAY TO SUCCESS

TIME - 4 - 6 P.M.
DATE - SEPT. 25-29, 2023
GOOGLE MEET

For More Queries, Contact:
Mayank Rathi - 9333996277
Prachi Dubey - 8700048363

www.spieandc.org

Workshop on 3D Printing Technology

1 day

(September 23, 2023)



SPIE Student Chapter Univ. of Delhi at Acharya Narendra Dev College & Department of Electronics, DBT Star College with IQAC presents

ONE DAY WORKSHOP ON 3D PRINTING TECHNOLOGY

UNLEASH YOUR CREATIVITY WITH 3D PRINTING!

Registration fees:
• Free for SPIE Members
• ₹ 50/- for ANDC Students
• ₹ 100/- for Non-ANDC Students

Teacher Coordinators:
Prof. Amit Garg
Dr. Ravneet Kaur

Student Coordinators:
Mayank Rathi (9333996277)
Prachi Dubey (8700048363)

www.spieandc.org

Workshop on Arduino and Sensor Interfacing

1 day

(January 28, 2023)



SPIE Student Chapter, University of Delhi, Acharya Narendra Dev College & Dept. of Electronics with DBT Star College and IQAC PRESENTS

One Day Workshop on Arduino & Sensor InterFacing

Date: 28.01.2023
Time: 9 a.m. onwards

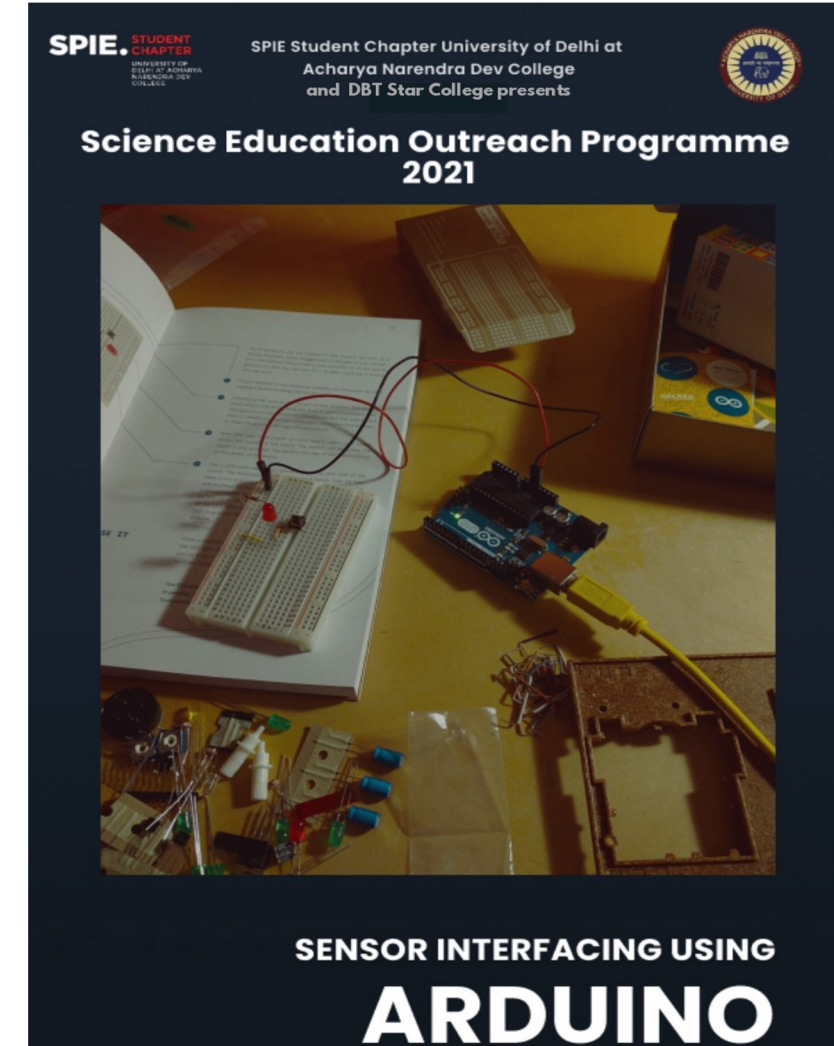
Venue: Electronics Lab, Acharya Narendra Dev College

Registration Fees:
SPIE Members: Free
ANDC Students: Rs.50
Non-ANDC Students: Rs.300

Teacher Coordinators:
Prof. Amit Garg
Dr. Ravneet Kaur

Student Coordinators:
Ankush Rana - 6280799353
Sakshi Garg - 7876594469
Kalpajit Roy - 8133928612
Harsh Banotra - 9779222463
Rajat Sharma - 7838648964
Ayush Chaudhary - 9891074394

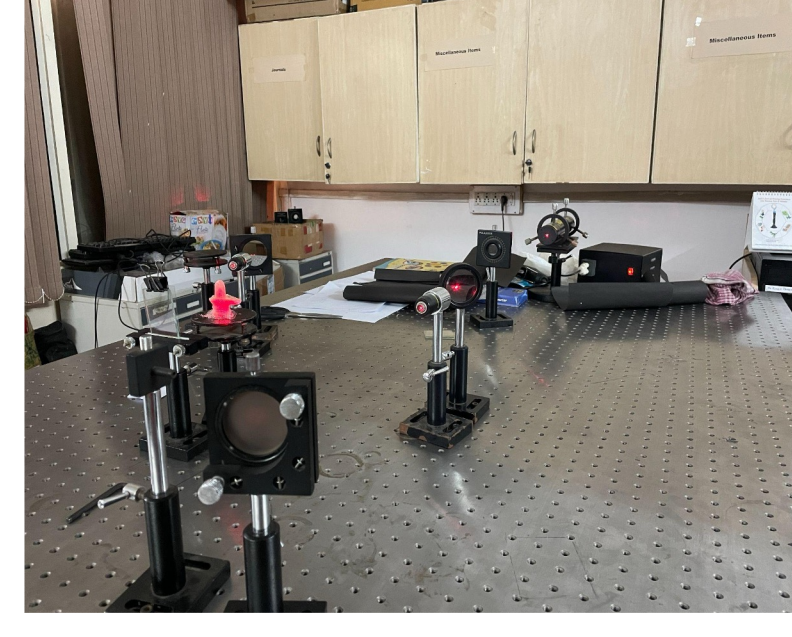
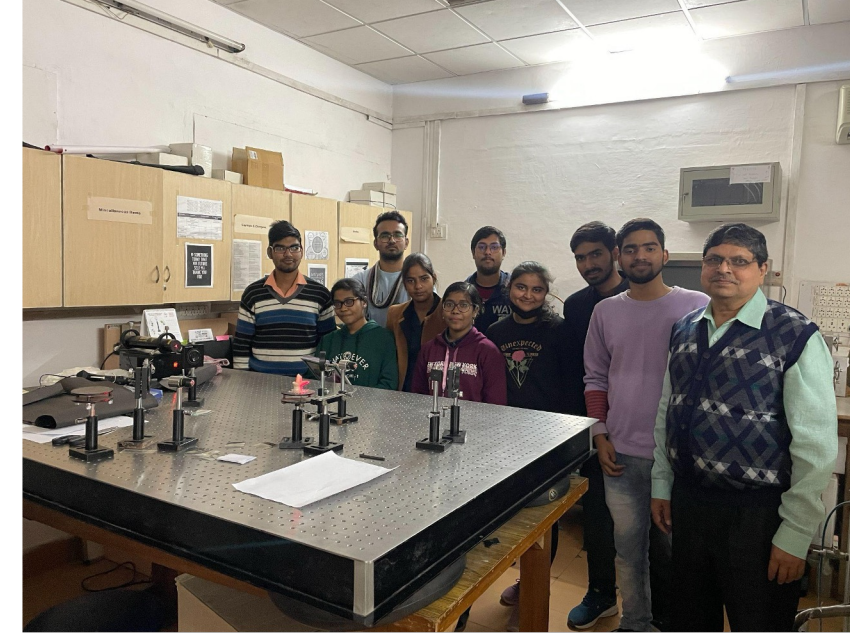
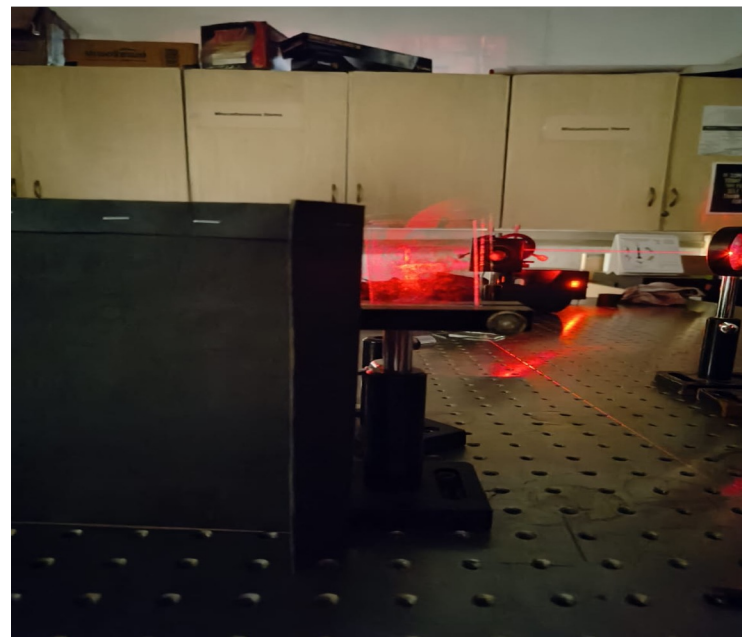
www.spieandc.org



SPIE Student Chapter University of Delhi at Acharya Narendra Dev College and DBT Star College presents

Science Education Outreach Programme 2021

SENSOR INTERFACING USING ARDUINO



FDPS/WORKSHOPS CONDUCTED

**Webinar on
"Career
Opportunities in
Publishing"**
1 day
(February 4, 2022)



**Online Quiz
Competition on
"Telescopes"**
1 day
(20 February 2022)



**Hands-on Workshop on
Arduino and Sensor
Interfacing**
1 day
(September 10, 2022)



**Workshop on
"Learning
Holography"**
1 day
(14 March, 2022)



**Workshop on
"Arduino and
Sensor
Interfacing"**
1 day
(26 March, 2022)



FDPS/WORKSHOPS CONDUCTED

Students
Benefited
300+

Workshop on "Cloud Computing" 5 days (September 6- 10, 2021)



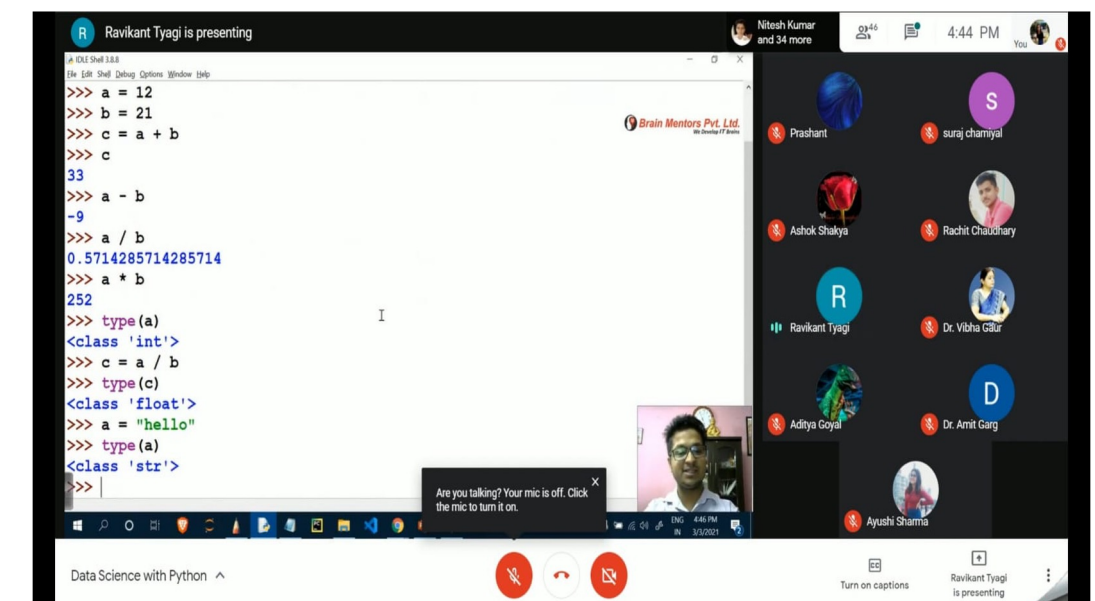
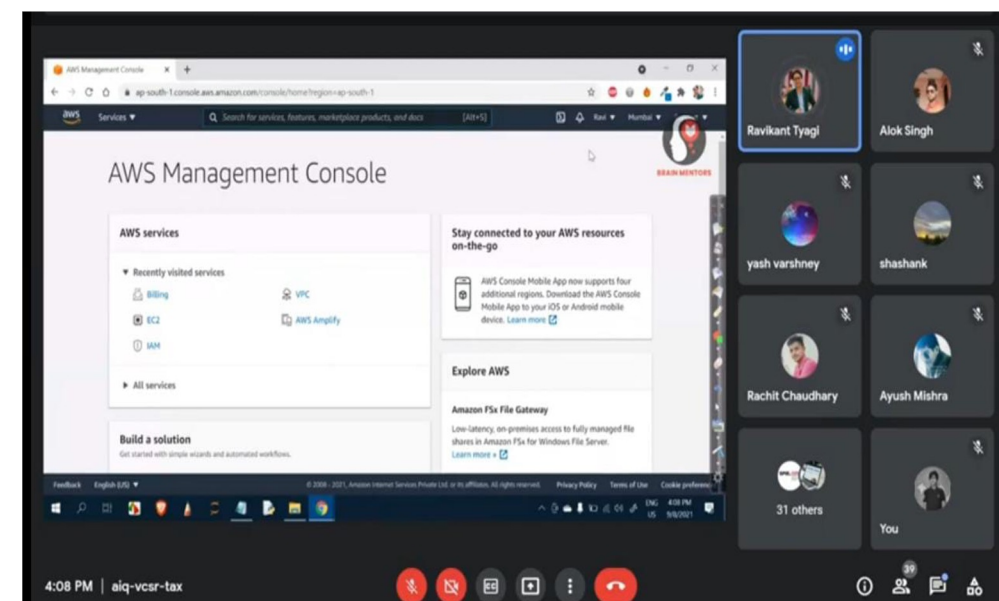
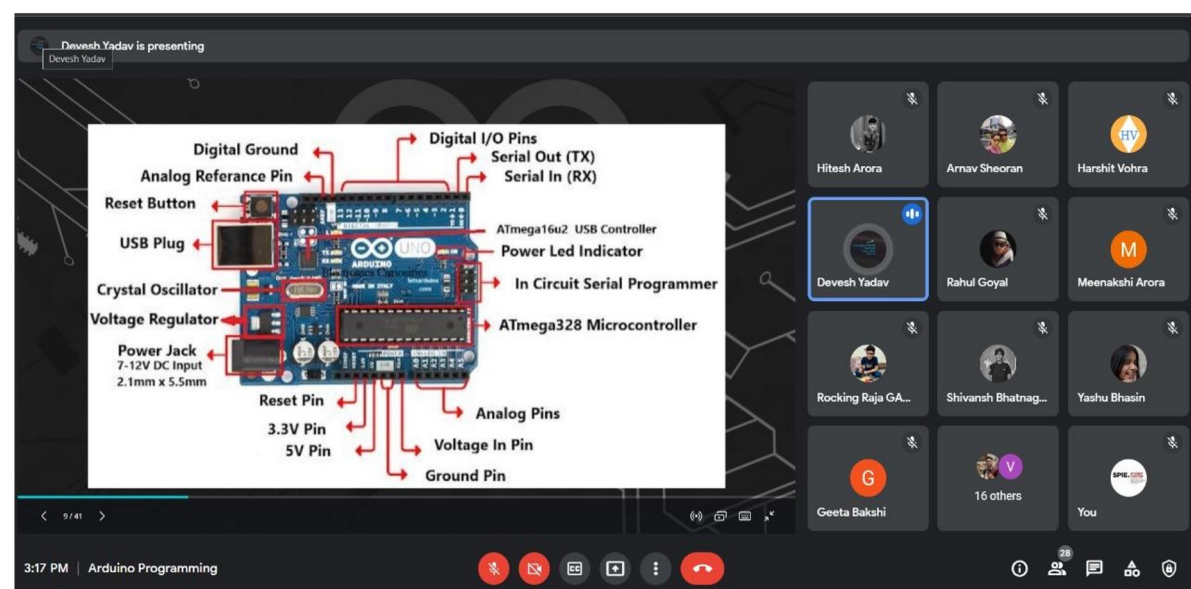
Workshop on "Basics of Arduino Programming" 2 days (June 1-2, 2021)



Workshop on "Full stack Web Development using MERN" 5 days (March 5-9, 2022)



Workshop: Data Science with Python 5 days (March 3- 7, 2022)





मशरूम अनुसंधान कौशल केंद्र

MUSHROOM RESEARCH
SKILL CENTRE

(FUNDED BY DBT & COLLEGE)

MUSHROOM RESEARCH SKILL CENTRE



Mushroom Culture and Technology - I
Mushroom Culture and Technology - II

SKILL BASED LEARNING:FROM DUST TO GOLD-MAKING SELF-RELIANT



MRSC

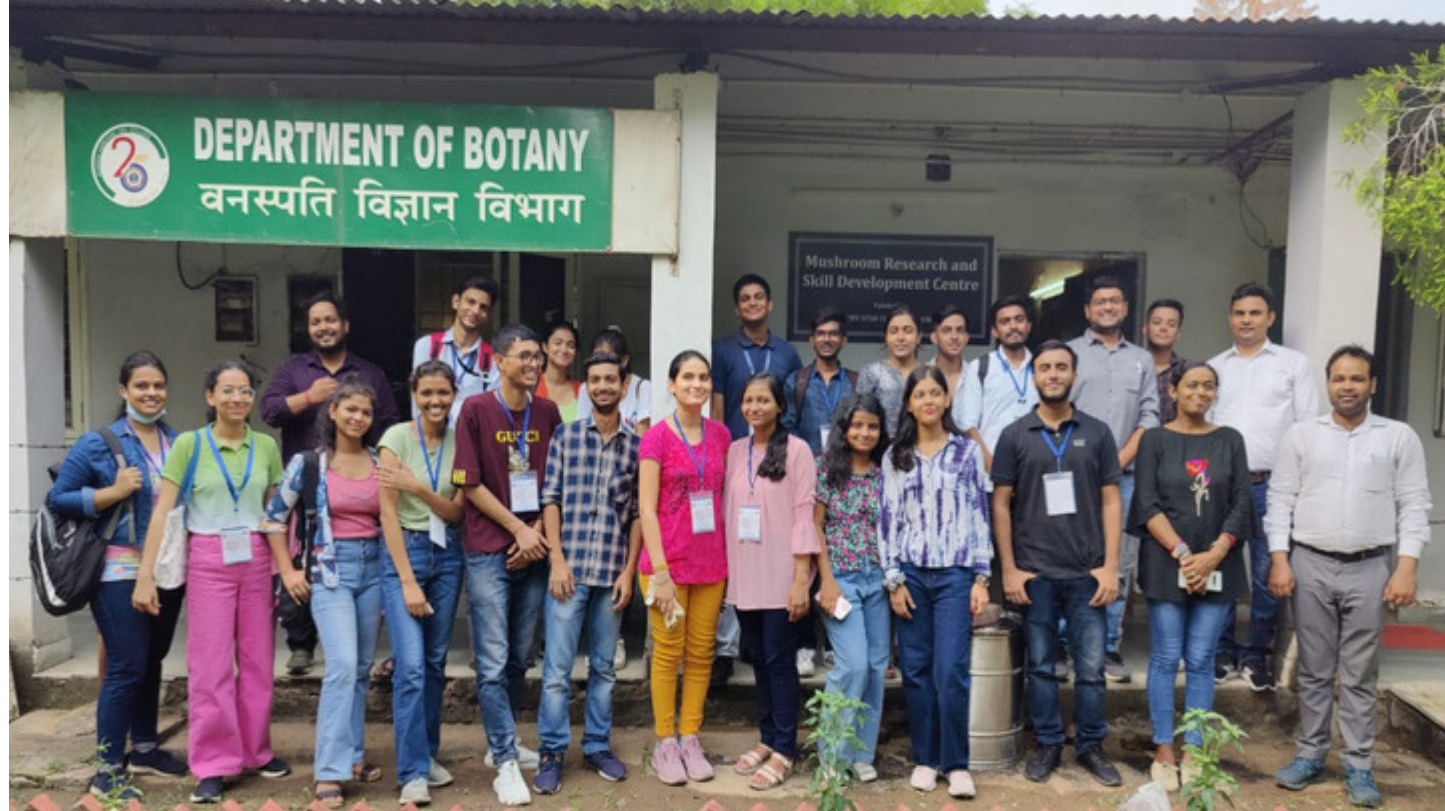




INSTRUMENTS PROCURED



STUDENTS TRAINED/ WORKSHOPS



STUDENTS ACCOLADES



STUDENTS BENEFITTED

- Skill Enhancement Courses -2
- Students Trained – 250
- Outreach Trainings - 2
- Students Award in Oral and Poster Presentations - 4
- Student startup initiative -1
- New Practical Introduced -10
- Students involved in UG Research Projects - 30



भाषा सशक्तिकरण कौशल केंद्र

LANGUAGE EMPOWERMENT
SKILL CENTRE

(FUNDED BY DBT & COLLEGE)

Set up in June 2023 to
boost the effectiveness
of learning languages

Hands on workshops are
conducted by the college
on the four basic
language skills –
listening, speaking,
reading and writing – for
the students

Language empowerment skill Centre

Students are able to
improve their soft skills.
The lab enables students to
practise and assess speech
drills and to listen to model
pronunciation, repeat and
record the same and self-
assess language errors

196 students
benefited in
2023-2024

SKILL ENHANCEMENT COURSES

1. Communication in Everyday Life
2. Communication in Professional Life
3. Business Communication
4. Personality Development and Communication
5. Public Speaking in English Language and Leadership
6. Creative Writing

STUDENTS BENEFITTED

1. Communication in Everyday Life - 60
2. Communication in Professional Life - 55
3. Business Communication – 66
4. Hands on Workshop - 15

FDPS/WORKSHOPS CONDUCTED

Hands on Workshop on Basic Language Skills



ACHARYA NARENDRA DEV COLLEGE 
UNIVERSITY OF DELHI
NAAC ACCREDITED GRADE A
NIRF RANKING 2023 #21

**ORGANISES HANDS ON WORKSHOP
ON**

BASIC LANGUAGE SKILLS

**UNDER THE AEGIS OF STAR COLLEGE SCHEME
AND IQAC**


PROF. RAVI TOTEJA
Patron


PROF. POOJA BHAGAT
Nodal Officer, Skill Hub @ANDC


DR. JOITA DHAR RAKSHIT
Resource Person

Day 1 - Listening Skills
Day 2 - Speaking Skills
Day 3 - Reading Skills
Day 4 - Writing Skills
Day 5 - Revision

07- 11 Time:- 10:00am -02:30pm
August 2023 Venue- Web Facilitation
Centre (WFC)

Register By-03 Aug, 2023

Limited seats available on first come first serve basis

Certificates will be provided after the successful completion of the workshop.

Send registration request on :
joitadharakshit@andc.du.ac.in





कृषि आधारित कौशल केंद्र

AGRI-BASED SKILL CENTRE

(FUNDED BY DBT & COLLEGE)

SKILL ENHANCEMENT COURSES



Agri-Skill Development Centre

ASDC

Established February 2023

SKILL BASED Innovations in Agriculture for self reliance

Skill BASED Courses CONDUCTED

BIOFERTILIZERS

PROTECTED AGRICULTURE: HYDROPONICS & AEROPONICS (GE)

NEW Skill Enhancement Courses OFFERED

HYDROPONICS & AEROPONICS FARMING

ORGANIC FARMING

PLANT AROMATICS AND PERFUMERY

STUDENTS BENEFITTED (ASDC)

- Skill Enhancement Courses – 1 (Biofertilizers)
- Students Trained – 52
- Ge course – 1 (Protected agriculture)
- Students trained – 45
- VAC courses- 1 (Ayurveda and Nutrition)
- Students trained – 191
- Students involved in UG research – 7

Infrastructure Developed

- POLYHOUSE WITH COOLING PADS
- HYDROPONIC SYSTEMS
- VERMICOMPOSTING BEDS
- FACILITY FOR CULTURE OF PGPR
- HERBAL GARDEN

HYDROPONICS



BIOFERTILIZERS

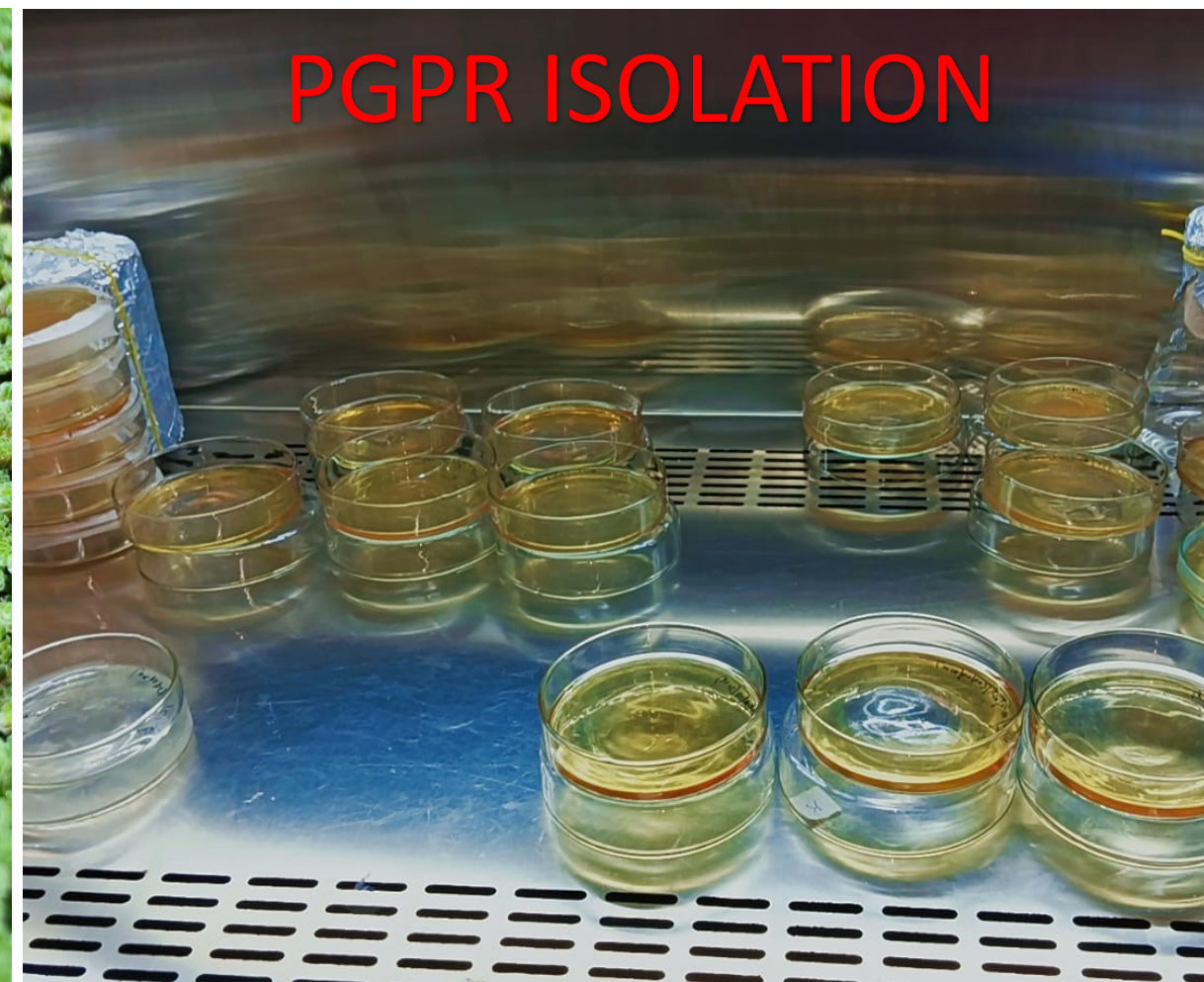
VERMICOMPOSTING



AZOLLA CULTURE



PGPR ISOLATION



HERBAL/MEDICINAL GARDEN



Medicinal Plants – 35
Courses covered

Ethnobotany
Medicinal Botany
Ayurveda & Nutrition



FDP ATTENDED BY FACULTY



सत्यमेव जयते

Certificate

FACULTY DEVELOPMENT PROGRAM
07th August to 13th August, 2023
Organic Farming and Biofertilizers

This is to certify that

DR. MANDEEP KAUR of **ACHARYA NARENDRA DEV COLLEGE, UNIVERSITY OF DELHI** has **successfully completed** One-Week National Faculty Development jointly organized by University of Delhi (Department of Botany and SEC Committee); Swami Shraddhanand College, University of Delhi; Shaheed Rajguru College of Applied Sciences for Women, University of Delhi; Chaudhary Charan Singh Hisar Agricultural University (CCSHAU), Hisar and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education. The participant has obtained **Grade "A"** as required for promotion under CAS of UGC and AICTE.



Prof. Jaswinder Singh
Principal
S.G.T.B. Khalsa College
University of Delhi



Prof. Vimal Rarh
Project Head & Joint Director
GAD-TLC of Ministry of
Education

सत्यमेव जयते

UNIQUE CERTIFICATE No: OFDP-145/013



सत्यमेव जयते

Certificate

FACULTY DEVELOPMENT PROGRAM
04th September to 10th September, 2023
Hydroponics and Aeroponics Farming

This is to certify that

DR. MANDEEP KAUR of **ACHARYA NARENDRA DEV COLLEGE, UNIVERSITY OF DELHI** has **successfully completed** One-Week National Faculty Development jointly organized by University of Delhi (Department of Botany and SEC Committee); Swami Shraddhanand College, University of Delhi; Shaheed Rajguru College of Applied Sciences for Women, University of Delhi; Chaudhary Charan Singh Hisar Agricultural University (CCSHAU), Hisar and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education. The participant has obtained **Grade "A+"** as required for promotion under CAS of UGC and AICTE.



Prof. Jaswinder Singh
Principal
S.G.T.B. Khalsa College
University of Delhi



Prof. Vimal Rarh
Project Head & Joint Director
GAD-TLC of Ministry of
Education

सत्यमेव जयते

UNIQUE CERTIFICATE No: OFDP-154/014



सत्यमेव जयते

Certificate

FACULTY DEVELOPMENT PROGRAM
04th September to 10th September, 2023
Hydroponics and Aeroponics Farming

This is to certify that

DR. GEETIKA KALRA of **ACHARYA NARENDRA DEV COLLEGE, UNIVERSITY OF DELHI** has **successfully completed** One-Week National Faculty Development jointly organized by University of Delhi (Department of Botany and SEC Committee); Swami Shraddhanand College, University of Delhi; Shaheed Rajguru College of Applied Sciences for Women, University of Delhi; Chaudhary Charan Singh Hisar Agricultural University (CCSHAU), Hisar and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education. The participant has obtained **Grade "A"** as required for promotion under CAS of UGC and AICTE.



Prof. Jaswinder Singh
Principal
S.G.T.B. Khalsa College
University of Delhi



Prof. Vimal Rarh
Project Head & Joint Director
GAD-TLC of Ministry of
Education

सत्यमेव जयते

UNIQUE CERTIFICATE No: OFDP-154/028

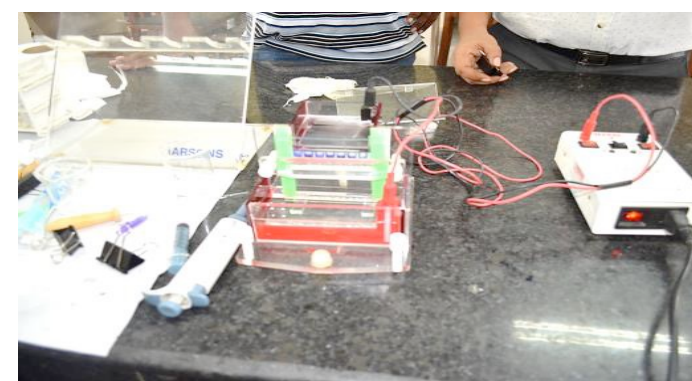
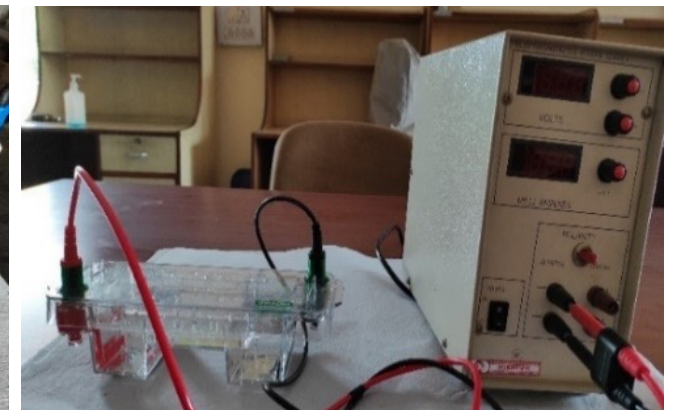
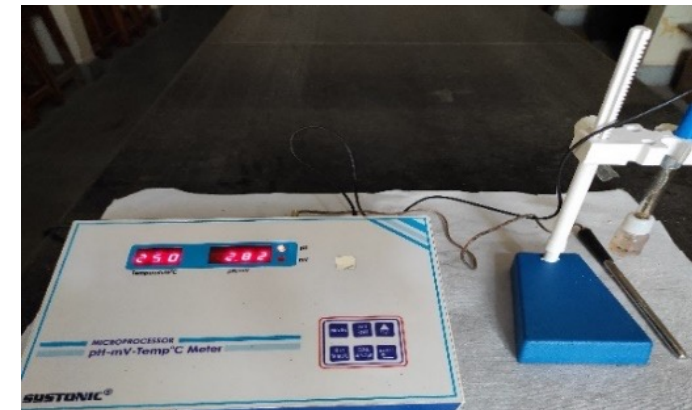


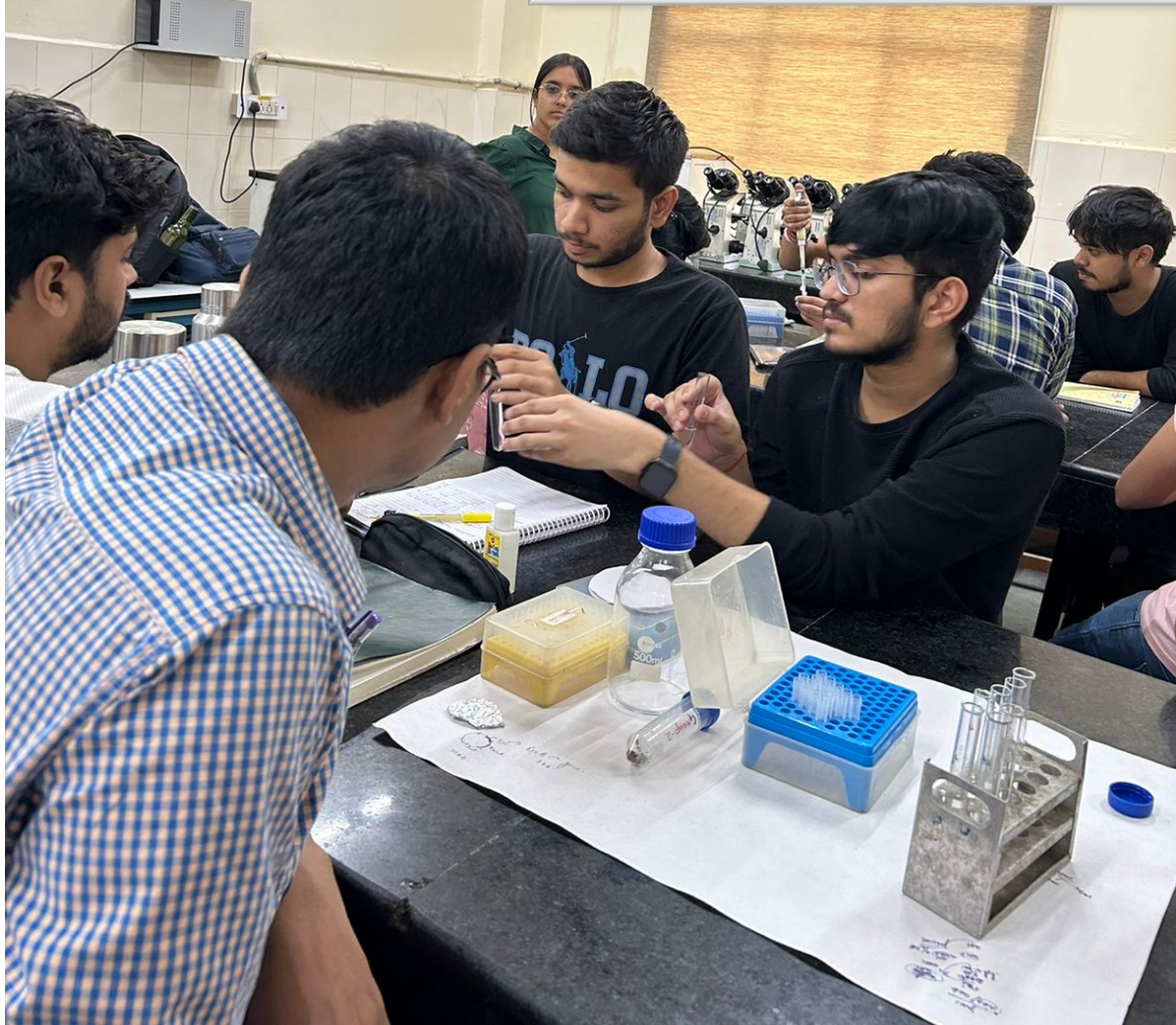
आणविक जीव विज्ञान और जैव प्रौद्योगिकी कौशल केंद्र

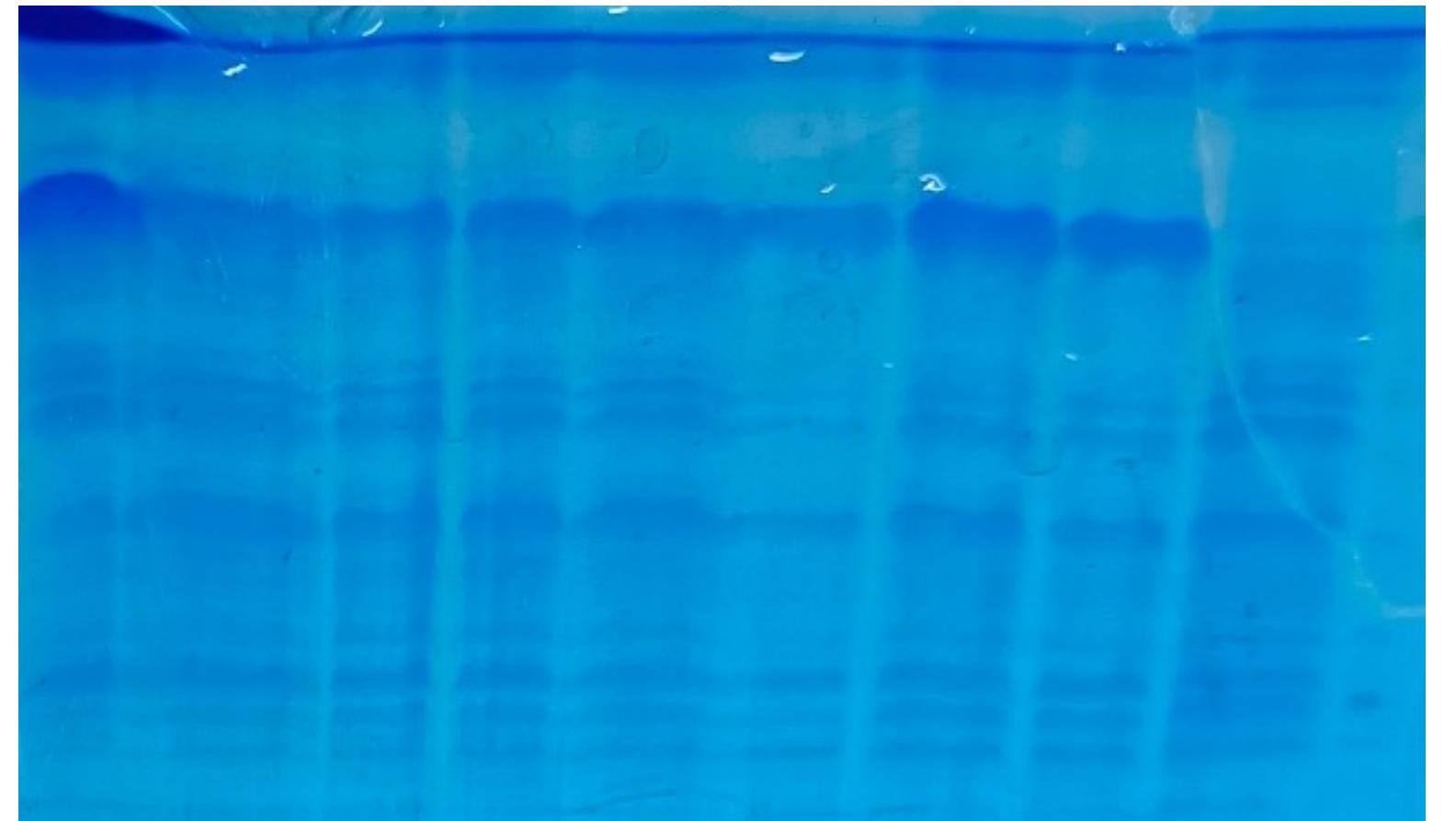
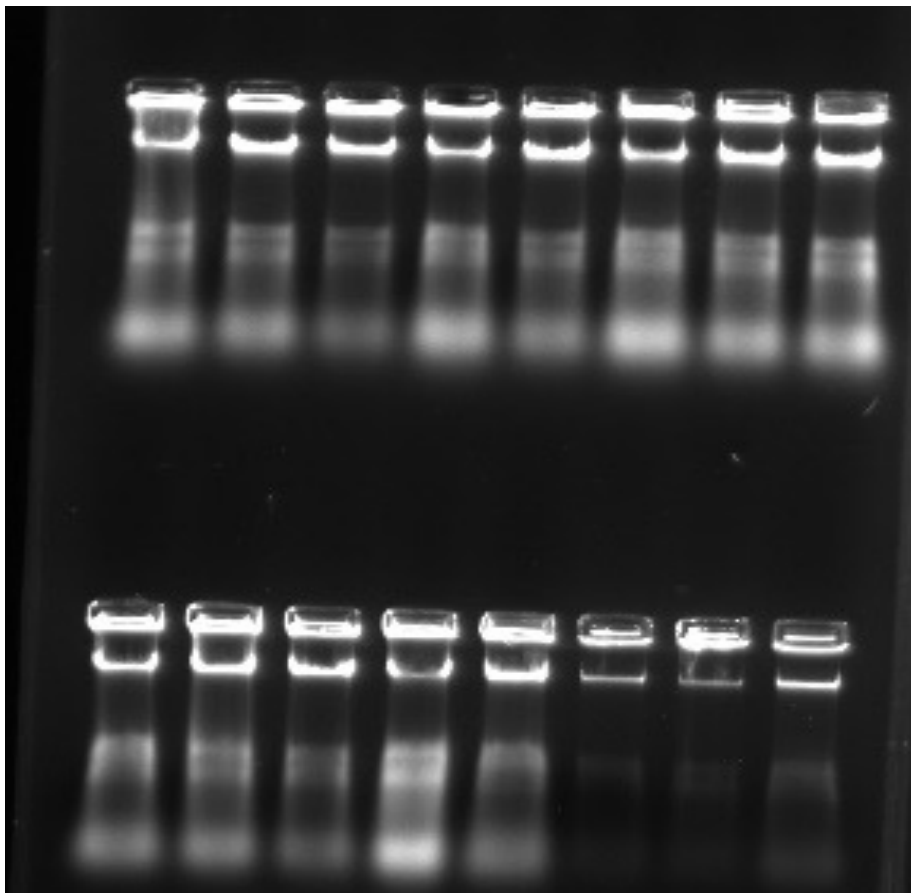
MOLECULAR BIOLOGY AND
BIOTECHNOLOGY SKILL CENTRE

(FUNDED BY DBT & COLLEGE)

- Isolation and characterization of Plasmid DNA
- Isolation, Characterization, and Quality Check of Genomic DNA
- Polymerase Chain Reaction (PCR) and its Applications
- Basic Analytical Techniques
- Tissue Culture
- DNA Barcoding of Medicinal/Commercially Important Plants











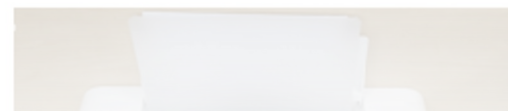
आईटी उपकरण और नवाचार कौशल केंद्र

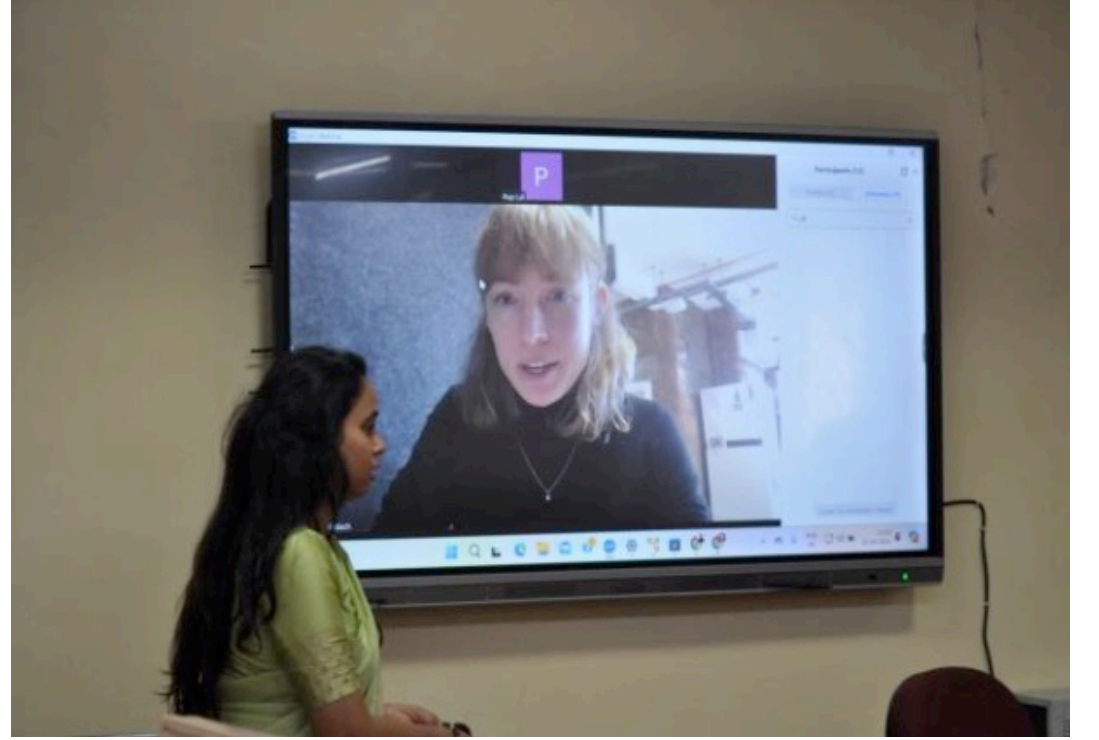
IT TOOLS AND INNOVATIONS SKILL
CENTRE

(FUNDED BY DBT & COLLEGE)

- IT Skills and Data Analysis — I
- IT Skills and Data Analysis- II
- Basic IT tool
- Essential of Python
- Programming using Python
- Front End Web Design and Development
- Cyber Sphere and Security: Global Concerns



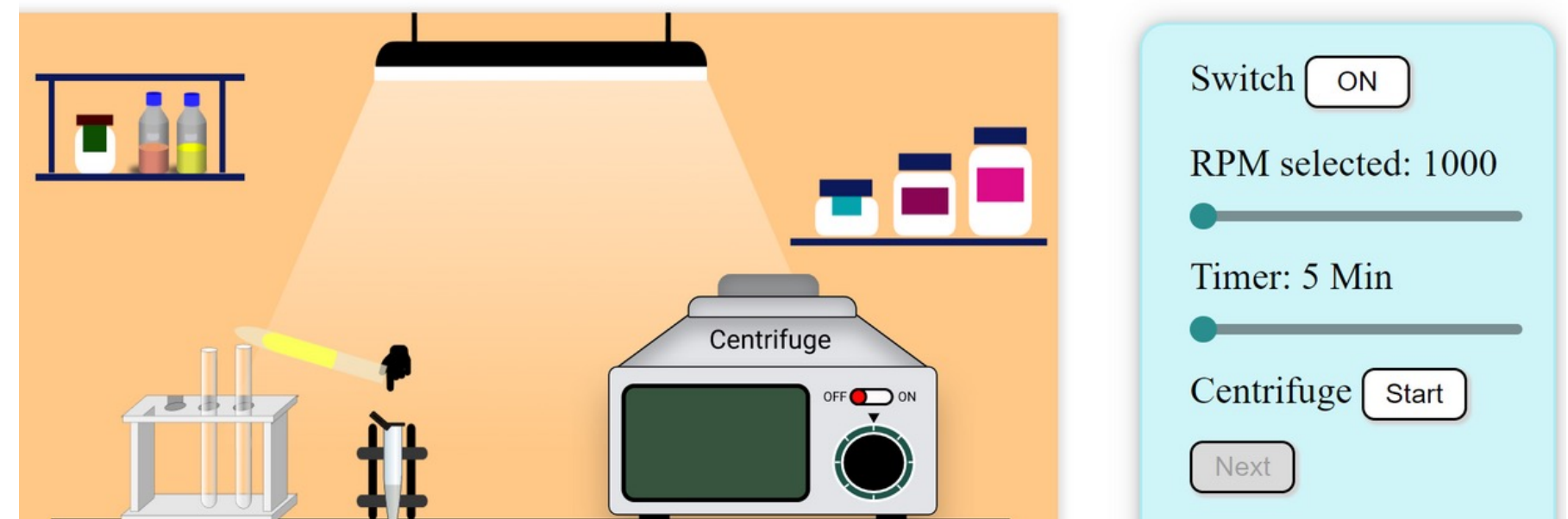
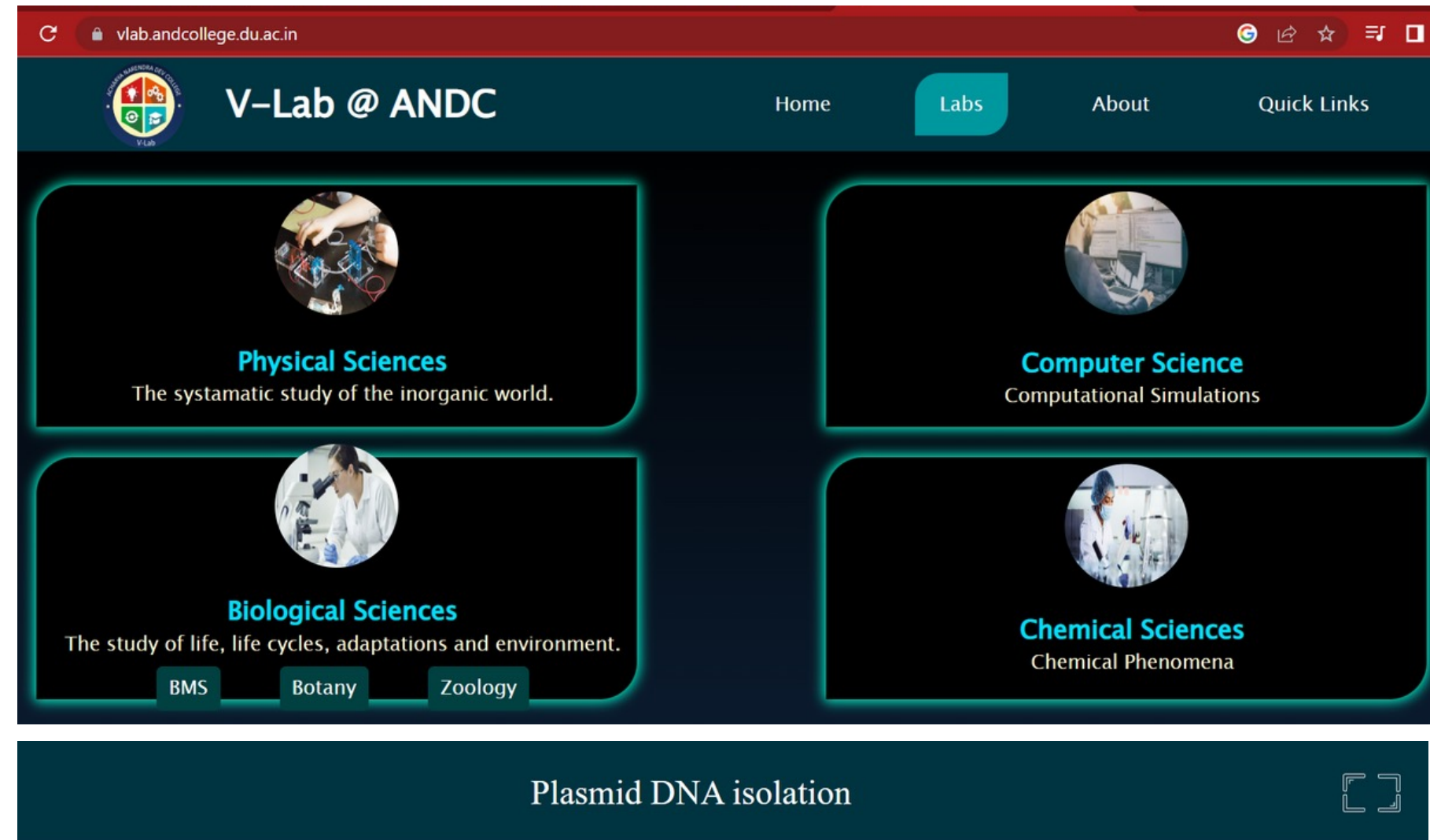




Innovation Ecosystem

- [Designated Nodal Center for Virtual Labs \(V-Lab @ANDC\), initiative of Ministry of Human Resource Department under National Mission on Education through ICT.](#)
- [V-Labs @ ANDC provide interactive, digital simulations of activities that typically take place in physical laboratory settings.](#)

VIRTUAL LAB





इन्क्यूबेशन केंद्र एएनडीसी इनस्टार्ट फाउंडेशन

INCUBATION CENTRE
ANDC inSTART FOUNDATION

(FUNDED BY GNCTD)

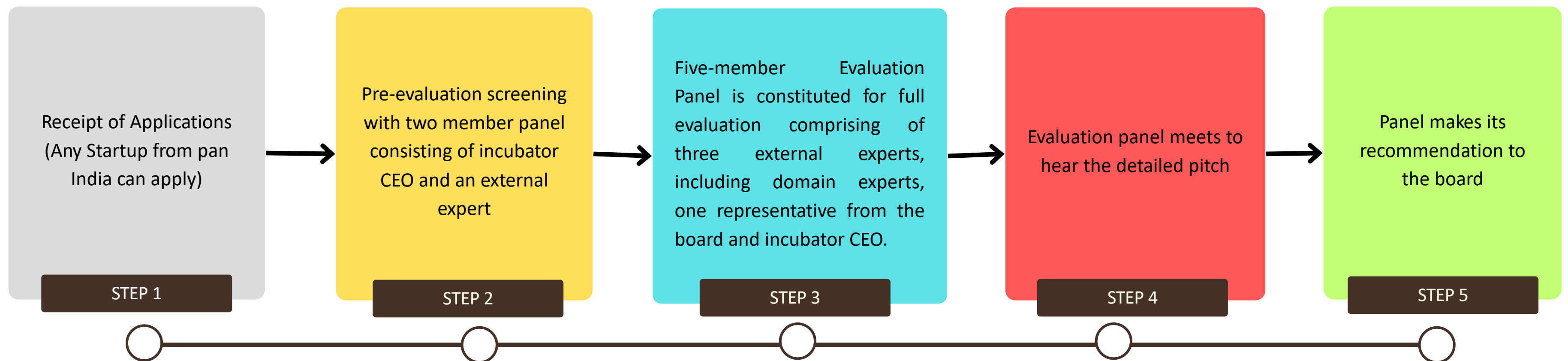
ANDC inStart Foundation (AIF)



ANDC inStart Foundation (AIF) is a business incubator, setup as a Section 8 Company under the Companies Act, 2013, incorporated on 19th June 2017.

AIF was setup under the State Startup Policy of the Government of NCT Delhi (GNCTD)

Startup Onboarding Process




HOW WE SUPPORT STARTUPS

OUR SERVICES



Providing Co-Working Space



Coaching And Mentoring



Clarity on Compliances



Providing Networking Opportunities



FUNDING SUPPORT

OUR FACILITIES

- Co-Working Space: Seating capacity of 15+ Startup companies – 24x7 + Security Services & Parking Facility
- Cafeteria, Labs, Seminar Hall, College Infrastructure
- Open grounds with lush greenery for fresh inspiration!
- Additional Co-Working Space of 15+ Startup companies at JIMS, Kalkaji

Building an Incubator of Incubators

- Tripartite MOUs signed with Bhagini Nivedita College of Delhi University and JIMS, Kalkaji and TSD Consulting of Singapore



OUR EVENTS

30+ Events Organized

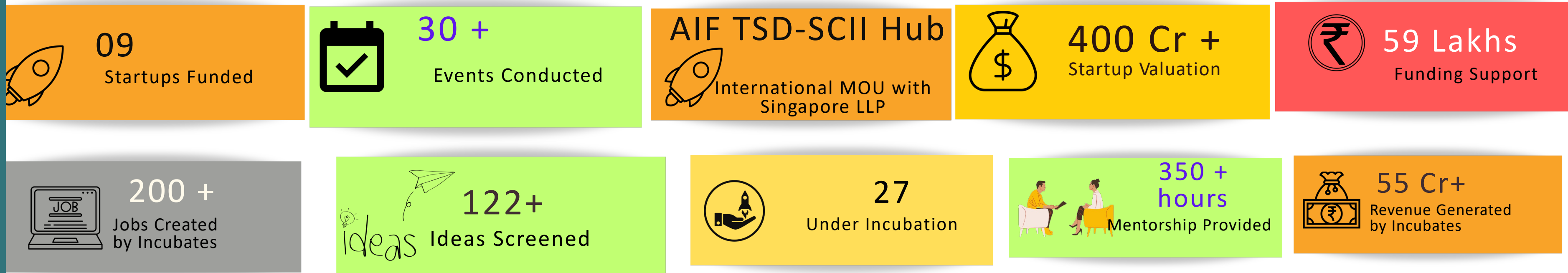


Our Startup Portfolio



Our portfolio has 18 incubatees and 9 pre-incubatees from various sectors such as EdTech, Biotechnology, Gaming, Media, Consumer Goods, Agriculture and allied sectors, Retail, IT, etc. So far, we have funded 9 incubatee companies

THE AIF IMPACT





Where the Art of Science Meets the Science of Business



THANK YOU!